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RENEWABLE ENERGY POLICY COMPENDIUM

Comprehensive State Policy Trackers

State renewable energy policy trackers and synopses, along with MNRE policies.

Prepared by Resurgent India Ltd.

A consolidated reference on renewable energy policies and their implications for project viability and investment.

About the Policy Trackers

> Resurgent India's renewable energy policy trackers explain how State-specific rules affect project viability, investment costs and the commercial terms of renewable energy supply.

States covered

Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh and West Bengal.

What each tracker contains

A concise policy and investment synopsis, installed-capacity overview, glossary, detailed policy provisions, financial incentives, grid and metering rules, applicable Central schemes, and source references.

How to read the figures

Installed capacity, policy targets, contracted or tendered capacity, and planning projections are shown separately. Incentives and concessions are subject to the eligibility conditions, approvals and effective regulations cited in the respective tracker.

How State Policies Are Shaping the Commercial Viability of Renewable Energy Projects

> State incentives can influence both the economics of supplying renewable energy and the customer's decision to buy it. A developer may qualify for lower grid charges by supplying electricity within the State or receive duty relief by adding storage of a specified capacity and duration. These conditions affect project design and the price at which power can be offered. Consumer financing addresses the other side of the transaction by making that offer affordable.

Haryana's Saur Urja Protsahan Yojana illustrates this approach in residential solar. It offers eligible households interest-free finance, recovered through 24 monthly or 12 bimonthly electricity bills. A 2026 household study found that 26% of respondents aware of rooftop solar but uninterested in adopting it would reconsider if offered concessional interest rates, longer repayment periods and collateral-free loans.

Haryana's scheme reduces borrowing costs and spreads repayment across electricity bills. Its two-year repayment period may, however, be too short for households seeking longer tenures. The study suggests that financing terms can influence adoption even among households already aware of rooftop solar. Policies seeking wider adoption therefore need to consider the design of credit alongside the size of the subsidy.

The value of an incentive depends on the costs around it

An electricity-duty exemption may offer limited value to an industrial consumer whose existing duty burden is already low. Capital assistance for storage addresses a different expense: the upfront investment required to install the battery. Industry responses to Maharashtra's renewable energy policy have highlighted this distinction, seeking battery capital support because duty-related benefits offered limited advantage to some industries. The form of assistance matters as much as its announced value.

The wider charging framework also affects the savings. Wheeling charges, cross-subsidy surcharge, additional surcharge, banking restrictions and transmission losses all influence the delivered cost of renewable electricity. State-specific provisions need to be examined before the tariff and project structure are finalised. Subsequent changes in charges or incentives can expose developers to costs that the original bid did not anticipate, particularly where the power contract lacks an effective adjustment or compensation mechanism.

Banking rules illustrate how operating provisions can affect the commercial value of generation. Shorter settlement periods reduce the ability to carry surplus solar or wind generation into periods when the consumer needs it. Excess electricity supplied to the grid during a windy or sunny month may no longer be available as a credit against the buyer's consumption in later months. Differences in State banking periods, charges and settlement terms therefore affect the value of electricity supplied and the economics of the project.

Hydrogen incentives are shaping both project scale and demand

Gujarat and Andhra Pradesh make their specified hydrogen capital subsidies available at very different project sizes. Gujarat's support covers eligible electrolysers of 1–10 MW. Andhra Pradesh requires annual hydrogen production capacity of at least 150,000 tonnes for its specified electrolyser subsidy. These thresholds determine which projects can access assistance; comparing subsidy percentages alone would miss this distinction.

Gujarat also offers eligible MSMEs ₹50 per kg of green hydrogen consumed for five years, subject to programme limits. This lowers buyers' costs initially, but the commercial test for suppliers is securing demand that remains viable after the subsidy expires.

Additionally, high capital costs, uncertain demand and inadequate storage and transport infrastructure could hinder green hydrogen investment. Developers may also have to fund the facilities connecting their plants with industrial buyers. Assistance towards the production plant therefore covers only part of the expenditure needed to establish a functioning supply chain.

Some programmes reserve assistance for a specified number of projects or cumulative capacity. Andhra Pradesh limits its specified electrolyser capital subsidy for hydrogen production to the first ten plants or 1.5 million tonnes of annual capacity, whichever is reached first. Uttar Pradesh offers enhanced capital assistance of up to 40% for its first five qualifying hydrogen projects, subject to policy conditions.

These are capital subsidies. Their value can extend beyond the disbursement period because they reduce the investment that the project must recover through hydrogen sales. The relevant question is how much they reduce the delivered cost of hydrogen after accounting for electricity, financing, storage and transport. A substantial subsidy percentage on eligible equipment can represent a much smaller reduction in the cost faced by the buyer.

The same subsidy can make hydrogen commercially viable for one industrial application while leaving it unaffordable for another. What matters is the gap between the delivered cost of hydrogen and the price a particular buyer can economically justify. First-mover assistance is most consequential where it narrows that gap sufficiently to support sustained purchases.

Repowering also depends on existing contracts

Repowering may require an operating wind farm to stop earning before replacement turbines can deliver higher output. Its existing power-supply commitments may continue during that interruption.

Gujarat addresses this transition by allowing relief from existing PPA generation obligations for up to 24 months during repowering, subject to conditions. This gives the owner a window to replace equipment without having to meet the same generation commitment throughout the work.

The provision addresses a cost that comparisons of old and new turbine output can overlook.

Making Renewable Energy Investment More Viable Across States

The most consequential policy provision may be the one that resolves a project's specific commercial obstacle—a mismatch between generation and consumption, a buyer's inability to afford hydrogen, or an existing contract that complicates repowering. This is where detailed policy differences begin to influence which projects become viable and attract capital.

Beyond the viability of individual projects, State policies also have a wider role in addressing differences in renewable energy resources and generation costs across regions. A State may be rich in solar energy yet have limited wind or hydro resources. Policy can build on these strengths while sourcing power from other renewable sources that generate at different times, helping cover gaps in local supply. Where renewable generation is relatively expensive, bundling it with cheaper conventional electricity may lower the blended tariff offered to buyers.

Targeted tax and duty incentives can provide further relief. States sourcing renewable electricity from better-endowed regions could consider concessions on eligible State-level transmission and wheeling charges, subject to regulatory approval. A level playing field would allow a State's consumers to benefit from competitively priced renewable power even when the State itself lacks the resources to produce it cheaply.

Andhra Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 17 October 2026

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Synopsis

Andhra Pradesh Renewable Energy: Policy and Investment Synopsis

Andhra Pradesh's renewable-energy investment framework is anchored by the Integrated Clean Energy Policy 2024, amended in 2026, alongside APERC regulations governing procurement, storage and open access. The policy sets ambitions across renewable generation, storage and clean-energy manufacturing; its targets and potential investment estimate do not represent awarded projects or assured investment.

1. Policy Overview

- The Integrated Clean Energy Policy 2024 is the State's umbrella framework, supported by operational guidelines and APERC regulations on open access, rooftop solar and battery storage.
- At 31 July 2026, Andhra Pradesh had 16,675.43 MW of physically installed renewable capacity, including 8,144.32 MW of solar.

2. Major Commitments and Projections

- State policy targets: 78.50 GWp of solar, 35 GW of wind, 22 GW of pumped storage and 25 GWh of battery storage.
- Green-hydrogen production target: 1.50 MTPA.
- These are policy targets. CEA resource-plan projections and approved procurements are separate measures.

3. Investment Framework

- Solar: eligible domestic or residential consumers installing rooftop systems under PM Surya Ghar can receive reimbursement of eligible SGST. The benefit goes to consumers, not developers.
- Agricultural solar: APERC approved 1,162.8 MW of feeder-level solarisation procurement for 293,587 pump sets.
- Wind-solar hybrids: eligible projects receive a 50% waiver of intra-State transmission, distribution and wheeling charges for five years from commercial operation.
- Battery storage: eligible projects receive a 12-year waiver of distribution and wheeling charges for charging and discharge within the same distribution-licence area, plus specified electricity-duty and SGST treatment.
- Pumped storage: eligible projects receive stamp-duty and registration relief, no water cess, and a 25-year electricity-duty waiver on conversion losses.
- Green hydrogen and biofuels: the policy provides conditional capital support for eligible projects. Qualifying green-hydrogen and green-ammonia consumption is exempt from cross-subsidy and additional surcharges.
- Green open access: the general threshold is 100 kW; captive consumers have no load threshold.

4. Principal Implications

- Incentives depend on project eligibility, capacity allocation, applicable APERC rules and implementation approvals.
- Rooftop SGST support accrues to eligible consumers, while hybrid and storage concessions apply only to specified project types and conditions.

5. Investment Outlook

- Feeder-level solarisation and the AP DISCOMs' approved 500 MW / 1,000 MWh BESS procurement provide defined procurement routes.
- The 22 GW pumped-storage target and 3 GW policy allocation for AP DISCOM round-the-clock requirements support further project development, subject to allocation and procurement.
- Industrial open-access renewable supply and eligible green-hydrogen, CBG and 2G ethanol projects offer additional routes, subject to applicable charges, incentives and offtake arrangements.

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Overview

Andhra Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Updated 17 October 2026

Read definitions carefully: MNRE figures are physically located in Andhra Pradesh; CEA figures are AP-utility contracted resources and planning projections. Policy targets are not treated as commissioned capacity. Monetary support remains subject to eligibility, operative orders, sanctions and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Andhra Pradesh (MW)	17,079.61	AP Integrated Clean Energy Policy: over 160 GW of renewable-energy capacity; separate targets include 22 GW PSP and 25 GWh BESS. CEA projects 73,699 MW total utility-contracted capacity in FY 2035-36	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Solar - total physically installed / AP utility contracted	8,405.40 MW location-based; 4,006 MW utility-contracted at Mar-2025	78.50 GWp State policy target; CEA projects 24,501 MW contracted solar plus 9,960 MW DRE in FY 2035-36	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Solar - ground mounted	6,587.42	Included within the 78.50 GWp State solar target; no separate State ground-mounted target stated	Quantified current; sub-sector target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf
Solar - rooftop	1,128.60	No separate aggregate State rooftop-MW target in the ICE Policy; current APERC routes allow net, group, virtual, gross and net-billing configurations within scheme-specific capacity limits	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://aperc.gov.in/admin/upload/Statementofreasons_OrderRegulationNo.10of2025.pdf
Solar - off-grid / PM-KUSUM-B	88.82	PM-KUSUM feeder-level solarisation procurement approved separately: 1,162.8 MW for 293,587 agricultural pump sets	Quantified; categories differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://aperc.gov.in/admin/upload/OrderonFLS_17.12.2025.pdf
Wind physically installed	4,604.68	35 GW State policy target; CEA projects 8,257 MW utility-contracted wind in FY 2035-36	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Bio-power physically installed / utility contracted	615.02 MW location-based; 112 MW biomass contracted at Mar-2025	State output targets: 1,500 KLPD ethanol and 10,000 TPD Bio-CNG / CBG; CEA projects 51 MW contracted biomass in FY 2035-36	Quantified; units differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Hydro physically installed	3,454.51 MW: 164.51 MW small hydro + 3,290.00 MW large hydro	CEA projects 3,131 MW utility-contracted hydro in FY 2035-36; different basis	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Pumped storage and battery storage	No single current Statewide operational BESS / PSP total is stated in the cited MNRE capacity release	State policy: 22 GW PSP + 25 GWh BESS; CEA FY 2035-36 plan: 7,370 MW / 55,770 MWh PSP + 3,931 MW / 11,924 MWh battery storage	Quantified target / planning projection; current aggregate unquantified	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Green hydrogen	Operating production capacity is not reported in the cited State policy	1.50 MTPA green-hydrogen production capacity	Quantified target; current unquantified	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf
AP utility total contracted capacity	20,393 MW at Mar-2025; about 47% non-fossil	73,699 MW in FY 2035-36; about 77% non-fossil in the CEA resource plan	Quantified	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf
Electricity requirement and peak demand	FY 2024-25: 79,028 MU energy requirement; 13,712 MW peak demand	FY 2035-36: 168,221 MU energy requirement; 30,927 MW peak demand	Quantified planning projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Andhra Pradesh tracker

These definitions control the comparison of physical capacity, contracted capacity, policy targets, planning projections and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, production target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Andhra Pradesh. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity available to AP DISCOMs / utilities under allocation, PPA or procurement; it is not necessarily all physically located in Andhra Pradesh.
Policy target	A goal adopted by the Government of Andhra Pradesh. It is not treated as a commissioned or awarded project.
Planning projection	Capacity modelled in CEA's resource-adequacy plan. It is not an award, sanction or State-policy target.
DRE	Distributed renewable energy, shown separately from contracted solar in the CEA resource plan.
ESS / BESS	Energy Storage System / Battery Energy Storage System.
PSP	Pumped Storage Project.
Green OA	Green Energy Open Access under the APERC Green Energy Open Access, Charges and Banking Regulation 2024 as amended in 2025 and 2026.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Each exemption is shown only where the governing instrument expressly provides it.
Net metering	Imports and exports are netted under the APERC rooftop regulations; current individual net-metering capacity is 1-500 kW and remains capped by contracted load / CMD.
Net billing	Imports are billed at the retail tariff and surplus injection is credited under the applicable APERC settlement mechanism; current capacity range is 1-1,000 kW.
Gross metering	All solar generation is separately metered and sold / settled under the applicable arrangement; current capacity range is 5-5,000 kW.
Group / virtual net metering	Group net metering allocates generation across eligible connections under one arrangement; virtual net metering allocates generation across participating consumers. Current ranges are 1-500 kW for group and 5-500 kW for virtual net metering.
kTPA	Thousand tonnes per annum.
BU	Billion units of electricity (billion kWh).
ROFR	Right of First Refusal. It is shown only where a project / allotment instrument expressly provides it; it is not assumed to be universal.

Term	Meaning used in this tracker
DPR / S&I	Detailed Project Report / survey and investigation. Neither stage is treated as operational capacity.

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Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

'Applicable provision' describes the operative treatment; 'Governing instrument' identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State integrated clean-energy transition	Umbrella framework covering solar, wind, hybrid, mini / small hydro, PSP, BESS, green hydrogen, biofuels, EV charging and RE manufacturing.	AP Integrated Clean Energy Policy 2024; G.O.Ms.No.37 dated 30-Oct-2024, as amended in 2026	Quantified	Over 160 GW renewable-energy capacity ambition; separate policy targets include 22 GW PSP and 25 GWh BESS; about INR 10 lakh crore potential investment; about 7.5 lakh direct and indirect jobs	Project incentives and network treatment remain subject to operational guidelines, APERC regulations and project-specific approvals.	NREDCAP / notified implementation route; read with operational guidelines and amendments.	Energy Department; NREDCAP; APERC; utilities	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://www.nredcap.in/PDFs/2026/GO_Ms_No_4_Amendmenet_to_ICE_Policy.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Policy is valid for five years from issue or until a new policy is issued. Read with amendments from time to time.
Solar	Utility-scale / contracted solar	Solar projects may serve AP DISCOM procurement, exports, green-hydrogen power demand and C&I open access, subject to connectivity and procurement route.	AP Integrated Clean Energy Policy 2024 as amended; APERC / procurement instruments	Quantified	78.50 GWp policy target: 36.7 GWp AP DISCOM procurement; 10 GWp export; 28.8 GWp green-hydrogen power; 3 GWp open access	Transmission / wheeling, CSS / AS and banking treatment follow the policy and APERC regulations applicable to the transaction.	Competitive bidding for DISCOM procurement; OA / captive / export route as applicable.	NREDCAP; AP DISCOMs; APTRANSCO / APSLDC; APERC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Capacity-allocation buckets are policy planning quantities, not commissioned capacity.
Solar	Rooftop - net metering	Grid-interactive rooftop solar may use individual net metering within the amended APERC capacity limits.	APERC Rooftop Solar Regulation 2023; Reg 10/2025 and Jan-2026 errata	Quantified	1-500 kW; capped by contracted load / CMD, whichever is lower	Monthly energy settlement under the APERC rooftop framework.	Apply through the relevant DISCOM / notified rooftop process.	APERC; APEPDCL / APCPDCL / APSPDCL	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf https://www.aperc.gov.in/admin/upload/Statementofreasons.pdf	Use the amended capacity table and current DISCOM procedure.
Solar	Rooftop - net billing / gross metering	Net billing / net feed-in and gross metering remain separate settlement routes under the amended rooftop regulation.	APERC Rooftop Solar Regulation 2023; Reg 10/2025	Quantified	Net billing: 1-1,000 kW; gross metering: 5-5,000 kW	Settlement / tariff follows current APERC regulation and applicable tariff order.	Relevant DISCOM rooftop application route.	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Use the current tariff / order, not a policy illustration.
Solar	Rooftop - group / virtual net metering	Group and virtual net metering are permitted subject to aggregate contracted-load / CMD caps.	APERC Rooftop Solar Regulation 2023; Reg 10/2025	Quantified	Group: 1-500 kW; virtual: 5-500 kW; no limit on number of service connections under the amended framework	Monthly settlement; allocation follows the approved arrangement.	Relevant DISCOM application and consumer-allocation process.	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf https://aperc.gov.in/admin/upload/LronSolarSettelments06022026.pdf	Treat the scheme limit and the aggregate contracted-load / CMD limit as separate tests.
Solar	Agricultural feeder solarisation - PM-KUSUM Component-C	AP DISCOMs have an approved feeder-level solarisation procurement under RESCO mode.	APERC order dated 17-Dec-2025; PM-KUSUM Component-C	Quantified	1,162.8 MW approved for 293,587 pump sets: APSPDCL 751 MW; APCPDCL 191.5 MW; APEPDCL 220.3 MW	Central / State scheme treatment and approved tariff / procurement terms apply.	DISCOM feeder-level solarisation procurement / implementation.	APERC; AP DISCOMs; MNRE	https://aperc.gov.in/admin/upload/OrderonFLS_17.12.2025.pdf https://pmkusum.mnre.gov.in/	Do not add the 1,162.8 MW to MNRE off-grid solar; the categories are different.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Solar with co-located storage	Policy permits clean-energy projects with storage; storage is also separately regulated and planned.	AP ICE Policy 2024; APERC BESS Regulation 2025	Quantified at portfolio level	Solar target 78.50 GWp; BESS target 25 GWh	Storage charging / discharge, open-access and network treatment follow current policy / APERC rules.	Project-specific connectivity, procurement or OA route.	NREDCAP; APERC; APTRANSCO / APSLDC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://aperc.gov.in/admin/upload/statementofreasonsreg5of2025.pdf	No separate Statewide solar-plus-storage MW target is stated in the cited policy.
Solar	Solar parks / Renewable Economic Zones	Policy enables Renewable Economic Zones with shared / plug-and-play infrastructure for large clean-energy projects.	AP Integrated Clean Energy Policy 2024; Operational Guidelines	Unquantified	No single statewide REZ MW allocation or fund is stated in the cited instrument	Infrastructure charges / land and connectivity treatment are project / zone specific.	NREDCAP / APSPCL / other notified nodal agency; project-specific development process.	Energy Department; NREDCAP; APSPCL	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf	Treat zone announcements and project allotments separately from commissioned capacity.
Solar	Floating / canal / reservoir / infrastructure solar	Policy scope is broad enough to accommodate solar projects subject to land / water-body rights, connectivity and statutory approvals; no separate statewide target is stated.	AP Integrated Clean Energy Policy 2024; Operational Guidelines	Unquantified	No separate MW target or earmarked fund identified in the cited instrument	Project economics depend on tender, land / water-use terms, grid charges and any applicable Central support.	Project-specific allocation / tender / approvals.	NREDCAP; Water Resources Department; AP DISCOMs / APTRANSCO	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf	Do not infer a sub-sector incentive unless the project document expressly grants it.
Solar	Off-grid / distributed solar	Policy promotes decentralised generation, rooftop systems and solar pumps alongside large-scale solar.	AP Integrated Clean Energy Policy 2024; PM Surya Ghar / PM-KUSUM instruments	Quantified current; policy direction unquantified	88.82 MW MNRE off-grid solar at 30-Sep-2026	Scheme-specific Central support / State treatment applies.	Scheme portal / DISCOM / NREDCAP implementation route.	NREDCAP; AP DISCOMs; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Keep off-grid MNRE capacity separate from feeder-level solarisation procurement.
Bioenergy	Biomass / bagasse cogeneration	Bio-power projects continue under the renewable-energy framework; policy output targets are stated mainly for biofuels rather than a MW target for biomass power.	AP Integrated Clean Energy Policy 2024; MNRE Bioenergy Programme	Quantified current; State MW target unquantified	615.02 MW total bio-power physically installed at 30-Sep-2026; CEA contracted biomass 112 MW at Mar-2025	Central bioenergy support is programme-specific; grid / OA treatment follows applicable APERC rules.	NREDCAP / MNRE scheme route and utility connectivity as applicable.	NREDCAP; MNRE; APERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://mnre.gov.in/en/bio-energy-overview/ https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf	Do not convert ethanol / CBG production targets into MW.
Bioenergy	Waste-to-energy	WtE remains an eligible clean-energy category; current NREDCAP procurement notices are project-specific.	AP Integrated Clean Energy Policy 2024; NREDCAP project tenders	Quantified current; State target unquantified	102.35 MW WtE in MNRE state-wise data: 53.16 MW grid-connected + 49.19 MW off-grid	Financial and tariff treatment follows tender / PPA and applicable Central / APERC framework.	NREDCAP project tender / concession / PPA route.	NREDCAP; urban local bodies; APERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nredcap.in/Default.aspx	Do not treat tendered WtE capacity as commissioned unless reflected in the capacity source.
Bioenergy	Biofuels - ethanol and CBG	Policy provides capacity targets and State incentives for 2G ethanol and CBG; 1G ethanol has different incentive treatment.	AP Integrated Clean Energy Policy 2024 as amended; Operational Guidelines	Quantified	Ethanol 1,500 KLPD; Bio-CNG / CBG 10,000 TPD	Capital and operating incentives are eligibility-, milestone- and sanction-dependent.	NREDCAP / Single Desk process as notified; statutory approvals separately required.	Energy Department; NREDCAP; Industries Department; APPCB	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Use technology-specific eligibility; do not assume identical support for 1G and 2G ethanol.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Hydro	Mini and small hydro	Mini / small hydro is an eligible clean-energy technology; project development remains site-, water-rights- and approval-specific.	AP Integrated Clean Energy Policy 2024; Operational Guidelines	Quantified current; policy target unquantified	164.51 MW small hydro physically installed at 30-Sep-2026	State project fees / land treatment and Central SHP support apply only where eligibility is met.	NREDCAP / Water Resources project process plus statutory and grid approvals.	NREDCAP; Water Resources Department; APERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nrep.mnre.gov.in/guidelines-shp	No separate Statewide mini / small-hydro MW target identified in the cited policy.
Hydro	Hydro-linked hybrid / co-located RE	Hybridisation may be considered subject to project rights, network feasibility and applicable national / State rules; no separate statewide hydro-hybrid target is stated.	AP Integrated Clean Energy Policy 2024; applicable project / procurement documents	Unquantified	No separate MW target or earmarked fund identified	Treatment is project-specific.	Project-specific approval / tender route.	NREDCAP; Water Resources Department; APTRANSCO / APSLDC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Do not assume co-location rights from the existence of a hydro / PSP site.
Hydro	Large hydro	Large hydro is shown in physical capacity and the CEA utility plan; the ICE Policy focus is primarily new clean-energy and storage development.	MNRE capacity release; CEA Andhra Pradesh Resource Adequacy Report	Quantified	3,290 MW physically located large hydro at 30-Sep-2026; 3,131 MW total contracted hydro projected for FY 2035-36	Tariff / allocation / network treatment follows project and regulatory instruments.	Existing utility / project arrangements; new projects through applicable approvals.	CEA; APGENCO / utilities; APERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf	Location-based and contracted hydro are different measures.
Pumped storage	PSP development	Policy promotes large-scale PSP development with land, water and fiscal facilitation.	AP Integrated Clean Energy Policy 2024 as amended; Operational Guidelines	Quantified	22 GW State policy target; CEA identifies 27,970 MW exploitable PSP potential in its Apr-2025 profile	Off-river PSP land and duty treatment is specified in the policy; project allocation and water are site-specific.	NREDCAP allocation / approval route; Water Resources and grid clearances.	Energy Department; NREDCAP; Water Resources; APTRANSCO / CTU	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/hpi/2025/04/All_India_Hydro_Potential_Profile_April_25-2.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	CEA potential / S&I / DPR stages are not operational capacity.
Pumped storage	PSP capacity allocation / transfer	Project capacity is allocated through the notified State process; unused contracted capacity may be transferred subject to policy conditions.	AP Integrated Clean Energy Policy 2024 as amended; project-specific G.O. / allocation terms	Quantified where allotted	Policy provides 50:50 sharing of gains from transfer of unused contracted capacity with the original beneficiary	No blanket statewide subsidy or ROFR percentage is assumed.	State / NREDCAP project allocation and approvals; project-specific G.O. controls.	Energy Department; NREDCAP; AP DISCOMs as applicable	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Where a project G.O. grants State ROFR, treat it as project-specific unless the controlling policy expressly makes it universal.
Pumped storage	PSP for AP DISCOM / system requirements	Policy earmarks a portion of PSP capacity for AP DISCOM round-the-clock requirements; CEA separately plans storage resources.	AP Integrated Clean Energy Policy 2024; CEA Andhra Pradesh Resource Adequacy Report	Quantified	Policy allocation: 3 GW PSP for AP DISCOM RTC; CEA FY 2035-36 plan: 7,370 MW / 55,770 MWh PSP	Procurement / tariff requires APERC approval and competitive / statutory process as applicable.	DISCOM procurement / resource-adequacy implementation.	AP DISCOMs; APERC; CEA	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf	Policy allocation and CEA planning projection are different categories.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Wind	Existing / new wind	New wind may serve AP DISCOM procurement, export, green-hydrogen demand and open-access consumption.	AP Integrated Clean Energy Policy 2024 as amended	Quantified	35 GW policy target: 15 GW AP DISCOM procurement; 10 GW export; 8.6 GW green-hydrogen power; 1.8 GW open access	Grid / OA treatment follows APERC regulations; project selection depends on route.	Competitive bidding, OA / captive or export route as applicable.	NREDCAP; AP DISCOMs; APTRANSCO / APSLDC; APERC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Target allocation is not commissioned capacity.
Wind	Repowering	Policy recognises repowering of existing wind projects and refers to the applicable national framework; no separate AP repowering MW target is stated.	AP Integrated Clean Energy Policy 2024; MNRE wind framework	Unquantified	No separate State repowering MW target identified	Project economics and grid treatment depend on the current national / State framework and site agreements.	NREDCAP / applicable connectivity and project-consent process.	NREDCAP; MNRE; APTRANSCO / APSLDC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://mnre.gov.in/en/wind-overview/	Do not import another State repowering target into Andhra Pradesh.
Hybrid	Wind-solar hybrid	New and converted hybrid projects are permitted under the national hybrid framework and State policy.	AP Integrated Clean Energy Policy 2024; national Wind-Solar Hybrid Policy / APERC framework	Quantified incentive period	50% exemption on intra-State transmission and distribution / wheeling charges for 5 years from COD; full charges thereafter	Banking follows APERC GEOA; policy also specifies reactive-energy charge treatment.	Project-specific bidding / OA / captive / export route.	NREDCAP; APERC; APTRANSCO / APSLDC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf	Read the 5-year relief with the exact eligibility / COD conditions in the operative policy.
Storage	BESS deployment	BESS is a standalone / co-located storage resource under the State policy and APERC regulatory framework.	AP ICE Policy 2024; APERC BESS Regulation 2025	Quantified	25 GWh State policy target; policy allocation: 16 GWh AP DISCOMs, 5.6 GWh green-hydrogen power and 3.6 GWh open access	Policy provides charge, duty and tax treatment; APERC governs planning, procurement, deployment and utilisation.	Procurement, captive / OA or project-specific storage route.	NREDCAP; APERC; AP DISCOMs; APTRANSCO / APSLDC	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://aperc.gov.in/admin/upload/statementofreasonsreg5of2025.pdf	Separate State target, awarded BESS and CEA resource-plan storage.
Storage	AP DISCOM BESS procurement	APERC approved AP DISCOM procurement of a 2-hour BESS portfolio supported by Central VGF.	APERC Order in O.P. No.65 of 2025 dated 16-Mar-2026	Quantified	500 MW / 1,000 MWh approved; separate approved procurement of 1,000 MW / 2,000 MWh; additional tenders of 1,000 MW / 4,000 MWh and 1,250 MW / 5,000 MWh issued by 07-Oct-2026	BESS sale / purchase agreements and VGF conditions govern.	AP DISCOM procurement through approved arrangement.	APERC; AP DISCOMs; NHPC / Ministry of Power	https://www.aperc.gov.in/admin/upload/OrderinOPNo.65of2025%28BESS%29Date16032026.pdf https://aperc.gov.in/index.php/main/index/page/regulations/page/tariff_orders/admin/upload/admin/upload/OrderinOPNo.18of2026%28BESS%2930.06.2026.pdf https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_30092026075751.pdf https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_10102026123509.pdf	Treat the 500 MW / 1,000 MWh and 1,000 MW / 2,000 MWh as approved agreements; the 1,000 MW / 4,000 MWh and 1,250 MW / 5,000 MWh are tendered routes, not awarded or commissioned capacity.
Sector	**Sub-sector / project type**	**Applicable provision / treatment**	**Governing instrument**	**Quantification**	**Actual numbers / year / earmarked funds**	**Financial support / grid treatment**	**Application / implementation route**	**Responsible authority**	**Official source**	**Application / interpretation note**
Green hydrogen	Production target	Policy seeks to develop AP as a production and export hub for green hydrogen and	AP Integrated Clean Energy Policy 2024 as amended	Quantified	1.50 MTPA green-hydrogen production target	Eligible projects may receive technology-specific capital / tax / infrastructure support	NREDCAP / notified project approval route; port / water /	Energy Department; NREDCAP;	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Current operating output is not inferred from MoUs or

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
		derivatives.				subject to policy conditions.	power arrangements as applicable.	Industries; Ports / Water Resources	https://www.nredcap.in/PDFs/2026/GO_Ms_No_4_Amendmenet_to_ICE_Policy.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	investment approvals.
Green hydrogen	Production incentives	Electrolyser-based hydrogen, integrated green ammonia / methanol and desalination have differentiated capital-support formulas.	AP Integrated Clean Energy Policy 2024 as amended; Operational Guidelines	Quantified	Electrolyser-based green-H2: 25% eligible capital subsidy, subject to policy caps / minimum scale; integrated ammonia / methanol and desalination have separate caps	In-State tax and electricity-charge treatment is subject to exact project eligibility and sanction.	NREDCAP application with project-specific approvals / incentive sanction.	NREDCAP; Industries; Finance; APERC / DISCOMs	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Do not combine technology-specific caps or assume automatic disbursement.
Green hydrogen	Electrolyser manufacturing	Policy targets domestic electrolyser manufacturing and provides manufacturing incentives.	AP Integrated Clean Energy Policy 2024 as amended	Quantified	3,000 MW manufacturing target; 25% FCI capital subsidy over 5 years for eligible projects, subject to minimum scale / cumulative limits	Operating support includes eligible tax, duty, power and water treatment under the policy.	Manufacturing-project application / incentive sanction route.	Industries Department; NREDCAP; AP DISCOMs	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Verify the live sanction and milestone conditions before modelling support.
Green hydrogen	Hydrogen transport / refuelling	Policy supports early hydrogen refuelling infrastructure as part of the green-hydrogen ecosystem.	AP Integrated Clean Energy Policy 2024	Quantified	First 10 eligible units: 25% FCI capital subsidy over 5 years, subject to policy conditions	Additional tax treatment applies only as stated for eligible equipment / projects.	Project-specific application and statutory approvals.	NREDCAP; Transport / Industries; local authorities	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Check current operational guidelines and sanction before relying on the incentive.
Grid operations	Green OA eligibility	Green OA is available to eligible consumers at the reduced threshold; captive consumers have no load limitation.	APERC GEOA Regulation 2024 as amended by Reg 11/2025 and Reg 02/2026	Quantified	100 kW contracted demand / sanctioned load through one connection or multiple connections aggregating within the same electricity division; no load limit for captive consumers	Applicable transmission, wheeling, CSS, AS, standby, banking, SLDC and other charges follow current APERC instruments.	Short-, medium- or long-term OA application through the prescribed nodal / portal process.	APSLDC / STU; APERC; DISCOMs	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.11of2025.pdf https://www.aperc.gov.in/	Use the current consolidated regulation / amendment and current tariff orders.
Grid operations	Green OA banking	Banking is monthly with in-kind banking charge, quantitative cap and ToD treatment.	APERC GEOA Regulation 2024 as amended	Quantified	8% banking charge in kind; monthly banking cycle; 30% maximum banked-energy cap under the regulation; unused month-end energy settled at 75% of APERC-notified last discovered SECI rate for the source	ToD adjustment and restrictions follow the current regulation / tariff order.	Energy accounting / scheduling through DISCOM / APSLDC processes.	APERC; APSLDC; AP DISCOMs	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.11of2025.pdf https://www.aperc.gov.in/	Read the latest amendment for the current denominator / treatment of the 30% cap.
Grid operations	CSS / AS for green hydrogen / ammonia	Green energy used for production of green hydrogen and green ammonia receives express surcharge relief under GEOA.	APERC GEOA Regulation 2024 as amended	Quantified by exemption	CSS and additional surcharge: not applicable for qualifying green energy used for green hydrogen / green ammonia production	Other OA / network charges remain applicable unless separately exempted.	GEOA application and consumer / project qualification.	APERC; AP DISCOMs; APSLDC	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf	Do not extend this exemption to unrelated end uses.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Grid operations	Forecasting, scheduling and DSM	Solar and wind generators / QCA are subject to forecasting, scheduling, energy accounting and deviation-settlement requirements.	APERC Forecasting, Scheduling and Deviation Settlement of Solar and Wind Generation Regulation 2017 as amended / operative	Quantified intervals	Scheduling / accounting operates in 15-minute time blocks; 96 blocks per day	Deviation charges and tolerance bands follow the current regulation / procedures.	QCA / generator schedules through APSLDC.	APSLDC; APERC	https://www.aperc.gov.in/	Use current procedure and legal / amendment status; do not rely on an old tolerance band without checking.
Grid operations	Rooftop settlement implementation	APERC directed monthly rooftop energy settlement / billing and electronic payment of eligible export amounts.	APERC letter dated 6-Feb-2026; rooftop regulation as amended	Quantified frequency	Monthly settlement / billing	Payment / credit mechanics depend on the metering arrangement and current tariff / order.	Relevant DISCOM billing / settlement process.	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/LronSolarSettelments06022026.pdf https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Direction addresses implementation of the existing monthly-settlement requirement.
Cross-sector	Land / conversion treatment	Eligible clean-energy projects receive deemed non-agricultural treatment subject to the policy process; specified government / revenue land may be leased or purchased under stated conditions.	AP Integrated Clean Energy Policy 2024 as amended; Operational Guidelines	Quantified	General clean-energy lease: INR 31,000/acre/year with 5% escalation every 2 years; PSP / mini-small hydro purchase option: INR 5 lakh/acre or basic value, whichever is higher, where eligible	Land conversion fee exemption / policy treatment remains subject to the exact category, allotment and land rules.	Single Revenue application plus State / district land-allotment process as applicable.	Revenue Department; NREDCAP; District Collector / CCLA	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Land rate / route differs by technology; verify title, classification and allotment order.
Cross-sector	RE manufacturing	Policy supports solar, wind, battery and electrolyser manufacturing across the clean-energy value chain.	AP Integrated Clean Energy Policy 2024 as amended	Quantified	Solar manufacturing 20 GW; battery manufacturing 5,000 MWh; electrolyser manufacturing 3,000 MW; wind-turbine manufacturing: no pre-set limit	Eligible projects receive technology-specific capital and operating incentives.	Manufacturing-project approval / incentive sanction route.	Industries Department; NREDCAP; APEDB	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Do not assume every manufacturing incentive applies to every technology.
Cross-sector	Renewable Economic Zones	Policy provides for REZ development to aggregate land, evacuation and shared infrastructure.	AP Integrated Clean Energy Policy 2024; Operational Guidelines	Unquantified	No single statewide REZ MW target / budget stated in the cited policy	Zone development / infrastructure costs and recovery are project-specific.	NREDCAP / APSPCL / other notified agency.	Energy Department; NREDCAP; APSPCL	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf	Use notified zone / project documents for site-specific rights and charges.
Cross-sector	R&D / emerging clean-energy technologies	Policy encourages pilots, innovation, R&D and emerging clean-energy technologies and proposes a green-energy / circular-economy skilling ecosystem.	AP Integrated Clean Energy Policy 2024	Unquantified	No single R&D fund amount identified in the cited policy	Support depends on specific programme / approval.	Department / agency programme or project proposal route.	Energy Department; NREDCAP; universities / research institutions	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Do not infer a grant without a separate scheme / sanction.
Cross-sector	Single-window implementation / skills	Operational guidelines require a Unified / Single Desk Portal; NREDCAP is procuring portal design / development rather than presenting it as fully operational.	AP ICE Policy Operational Guidelines; NREDCAP RFP dated 21-Jul-2026	Quantified procurement date; portal functionality not yet treated as live	RFP issued 21-Jul-2026; NREDCAP page updated 7-Sep-2026 with corrigenda	No automatic incentive entitlement arises from portal registration.	Use current NREDCAP route until the notified Unified / Single Desk Portal is commissioned.	NREDCAP; Energy Department	https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf https://nredcap.in/Default.aspx	As of 8 September 2026, NREDCAP was procuring the Unified / Single Desk Portal; it had not yet been commissioned.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Storage	AP DISCOM BESS procurement - 1,000 MW / 2,000 MWh	APERC approved seven tripartite BESPAs among developers, APTRANSCO and AP DISCOMs. This is an approved contracting stage, not physical commissioning.	APERC Order in O.P. No.18 of 2026 dated 30-Jun-2026	Approved / contracted capacity	1,000 MW / 2,000 MWh approved; project agreement duration is not stated here.	Tariff and agreement terms are project-specific; keep separate from the 500 MW / 1,000 MWh procurement.	Tripartite BESPAs approved by APERC.	APERC; APTRANSCO; AP DISCOMs	https://aperc.gov.in/index.php/main/index/page/regulations/page/tariff_orders/admin/upload/admin/upload/OrderinOPNo.18of2026%28BESS%2930.06.2026.pdf	Use the APERC order for project-level terms; do not infer 12 years from secondary summaries.
Storage	AP DISCOM medium-term BESS procurement - fully commissioned projects	APPCC tendered 1,000 MW / 4,000 MWh of four-hour storage from fully commissioned standalone BESS projects anywhere in India for AP DISCOM on-demand use. Tender notice set 14-Oct-2026 as bid submission deadline.	APPCC/BESS-01/2026-27; tender notice issued 29-Sep-2026	Tendered capacity	1,000 MW / 4,000 MWh; four-hour; two-year procurement term	Tendered capacity is not an award or commissioned capacity.	Competitive bidding through Bharat e-Tender / APPCC.	APPCC; AP DISCOMs; APTRANSCO	https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_30092026075751.pdf	Bid submission closed 14-Oct-2026; technical-commercial opening was scheduled for 15-Oct-2026. The notice says price-bid / e-RA dates would be notified to eligible bidders. An award status was not established from the official material reviewed as at 17-Oct-2026.
Storage	AP DISCOM standalone BESS procurement - 1,250 MW / 5,000 MWh	APPCC issued a request for selection for three four-hour standalone BESS projects at Rayalaseema Thermal Power Plant, Talaricheruvu and NP Kunta, under BOO / tariff-based competitive bidding.	APPCC/BESS-02/2026-27; issued 07-Oct-2026	Tendered capacity	1,250 MW / 5,000 MWh; 500/2,000 + 250/1,000 + 500/2,000 MW/MWh; bid due 23-Nov-2026	Tendered capacity is not an award or commissioned capacity.	Competitive bidding; separate project bids and awards.	APPCC; AP DISCOMs; APTRANSCO	https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_10102026123509.pdf	Tender schedule: pre-bid 22-Oct-2026; bids close 23-Nov-2026; technical opening 24-Nov-2026. These are tendered capacities, not awards or operational assets.
Solar / wind / hybrid	Renewable Energy Export Policy 2020 and land lease amendment	Policy provides for solar, wind and wind-solar hybrid generation for export outside Andhra Pradesh without State DISCOM procurement obligation. Open-access supply within the State is subject to APERC charges and regulations. The 2022 amendment revised private-land lease compensation.	G.O.Ms.No.20 dated 17-Jul-2020; amended by G.O.Ms.No.20 dated 13-Sep-2022	Quantified policy ambition / land compensation	120 GW facilitation objective; 5 lakh acres potential land; 2022 private-land lease rate INR 30,000/acre/year with 5% escalation every two years. Original policy states five-year operative period from issue (17-Jul-2020 to 16-Jul-2025).	Report stated policy period and amendment factually; do not infer general extension or cessation of existing project rights.	NREDCAP land aggregation / project allocation route; relevant grid and open-access approvals separately apply.	Energy Department; NREDCAP; APERC; APTRANSCO	https://nredcap.in/Default.aspx/PDFs/Pages/AP_RE_Export_policy_2020.pdf https://nredcap.in/PDFs/Pages/Amnd_RE_Export_GO_20_13_09_2022.pdf	Original policy operative-period and project scope: clauses 1, 3, 4 and 6; 2022 G.O. para 2 revises private-land lease rentals. NREDCAP continued to list the policy and amendment as at 17-Oct-2026.
Sector	**Sub-sector / project type**	**Applicable provision / treatment**	**Governing instrument**	**Quantification**	**Actual numbers / year / earmarked funds**	**Financial support / grid treatment**	**Application / implementation route**	**Responsible authority**	**Official source**	**Application / interpretation note**
Cross-sector	Project / SPV transfer to group affiliate	G.O.Ms.No.4 permits transfer of part or all of project capacity, more than once, to a 100% subsidiary, parent or group affiliate at any project stage, with NREDCAP approval and no transfer fee. The affiliate must meet technical and	AP Integrated Clean Energy Policy 2024, as amended by G.O.Ms.No.4 dated 12-Jan-2026	Quantified procedural concession	No transfer fee for eligible group-affiliate transfers; applicable approval and capability conditions remain.	Transfer approval through NREDCAP / notified State process.	Project allottee; NREDCAP; Energy Department	https://nredcap.in/PDFs/2026/GO_Ms_No_4_Amendmenet_to_ICE_Policy.pdf	Annexure clauses 2 and 17.1	Applies to qualifying group-affiliate transfers; it does not remove the separate rules for transfers to unrelated entities.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
		financial capability conditions; the original allottee remains responsible if the affiliate defaults.								
Cross-sector	Operational guideline amendments	G.O.Ms.No.18 updates the operational guidelines, including permission to use an Insurance Surety Bond in place of a bank guarantee for connectivity PBG and PSP implementation-agreement PBG, and an extension of the applicable PBG / surety-bond term from 48 to 72 months.	Amendment to AP Integrated Clean Energy Policy 2024 Operational Guidelines; G.O.Ms.No.18 dated 24-Mar-2026	Quantified procedural change	Specified PBG / surety-bond term extended from 48 to 72 months; other policy benefit amounts unchanged.	Use revised operational guideline and relevant project agreement.	NREDCAP; APTRANSCO / procurer; project developer	https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Annexure I, items 5 and 6; clause 16.10	The amendment permits an alternative security instrument and changes its term for the specified obligations.

SHEET 5 OF 9

Financial Support

Incentives, charge treatment and quantified programme support

Benefits are not automatic entitlements: verify the live implementing order, project eligibility, sanction and available allocation.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Wind-solar hybrid	Eligible wind-solar hybrid projects	Intra-State transmission and distribution / wheeling charges receive 50% exemption for the initial period	50% exemption for 5 years from COD; full charges thereafter	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Verify project eligibility, COD and the current APERC charge order.
Solar rooftop - State support	Domestic / residential consumers and government-building rooftop projects under PM Surya Ghar as covered by State policy	State policy provides reimbursement of eligible SGST in addition to applicable Central support	100% eligible SGST reimbursement under the policy treatment; period / disbursement subject to operational guidelines	Quantified	AP Integrated Clean Energy Policy 2024; Operational Guidelines	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf	Verify exact eligible transaction, tax base, sanction and non-duplication.
BESS - network charges	Eligible BESS charging / discharge within the same distribution-licensee area	Distribution / wheeling charges waived for the stated initial period	Waiver for 12 years from COD under policy conditions	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Different-voltage / OA / cross-area use requires current APERC and policy treatment.
BESS - electricity duty	Eligible BESS conversion losses	Electricity duty relief on conversion losses	Waiver for project lifetime under policy conditions	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Verify current State duty notification / implementation before modelling.
BESS - State tax	Eligible BESS service revenue	Net SGST reimbursement on eligible BESS services	100% net SGST for 5 years from COD	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Subject to eligible service, State-tax realisation, sanction and operational guidelines.
BESS - Storage as a Service	Eligible storage service arrangement with DISCOM	Policy provides sharing of gains / savings between developer and DISCOM	75:25 developer:DISCOM under the stated policy arrangement	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Use the project / procurement document for baseline, measurement and settlement.
Green hydrogen - electrolyser-based production	Eligible large-scale green-hydrogen production project meeting policy conditions	Capital subsidy on eligible electrolyser stack / plant and equipment	25% of eligible electrolyser-stack plant and equipment cost; cap INR 1 crore/MW or INR 1 crore per 1,400 TPA; minimum 150 KTPA; first 10 plants or 1.5 MTPA cumulative, whichever is reached first; paid over 5 years	Quantified	AP Integrated Clean Energy Policy 2024 as amended; Operational Guidelines	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Check minimum scale, first-mover / cumulative cap and eligible FCI before relying on benefit.
Green ammonia / methanol	Eligible integrated green-ammonia / green-methanol project	Capital subsidy on eligible plant and equipment including electrolyser	25% of eligible plant and equipment costs, including electrolyser stack; max INR 1.85 crore per KTPA ammonia or INR 2.25 crore per KTPA methanol; paid over 5 years	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Use the relevant ammonia / methanol cap; do not apply the green-H2 cap mechanically.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Green hydrogen - desalination	Eligible desalination plant linked to qualifying green-hydrogen project	Capital subsidy on eligible FCI	20% FCI; maximum INR 1 crore/MLD; disbursed over 5 years	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Verify eligible capacity, linkage to project and sanction.
Electrolyser manufacturing	Eligible electrolyser-manufacturing facility	Capital subsidy on eligible FCI	25% FCI over 5 years; minimum 500 MW/year; first 5 plants or cumulative 3,000 MW, subject to policy conditions	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Check cumulative allotment / first-mover status at application date.
Hydrogen refuelling	Eligible early hydrogen refuelling stations	Capital subsidy plus eligible equipment-tax treatment under the policy	First 10 eligible units: 25% FCI over 5 years; related tax support subject to policy conditions	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Confirm current operational-guideline route and eligible cost definition.
CBG / Bio-CNG	Eligible CBG / Bio-CNG plants	Capital subsidy on eligible FCI	20% FCI; max INR 1 crore/TPD; minimum 10 TPD; first 1,000 plants or cumulative 10,000 TPD; over 5 years	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Verify feedstock, minimum capacity, cumulative cap and sanction.
2G ethanol	Eligible second-generation ethanol plants	Capital subsidy on eligible FCI	20% FCI; max INR 1.5 crore/KLPD; minimum 25 KLPD; first 50 plants or cumulative 1,500 KLPD; over 5 years	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Do not apply this capital-subsidy formula to 1G ethanol.
Biofuels - operating support	Eligible 1G / 2G ethanol and CBG projects as specified	State operating incentives include tax, duty and power-cost support	100% eligible net SGST for 5 years; 100% electricity-duty reimbursement for 5 years; INR 1/kWh power-tariff reimbursement for 5 years, subject to policy conditions	Quantified	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Verify technology, tax base, consumption boundary and sanction.
Battery manufacturing - capital	Eligible battery-manufacturing projects	Capital subsidy on eligible FCI	20% FCI over 5 years for eligible projects until cumulative 5,000 MWh policy capacity, subject to conditions	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Check current cumulative allocation and eligible FCI.
Battery manufacturing - operating	Eligible battery-manufacturing projects	Policy provides power, duty, OA / CSS, tax and offtake support subject to conditions	INR 1/unit power support for 5 years; electricity-duty reimbursement 5 years; CSS relief up to 10 years; net SGST support 5 years; policy offtake provision subject to project terms	Quantified	AP Integrated Clean Energy Policy 2024	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Model each benefit separately and verify applicability to the specific power-supply route.
Pumped storage	Eligible off-river PSP / qualifying PSP project	Policy provides land / registration, water and conversion-loss duty treatment	Stamp-duty / registration relief for eligible acquired land; no water cess; electricity-duty relief on conversion losses for 25 years, subject to policy conditions	Quantified period	AP Integrated Clean Energy Policy 2024 as amended	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	Water allocation, land route and project category must be verified independently.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Residential rooftop solar	Eligible residential consumer under PM Surya Ghar	Central Financial Assistance to residential consumers	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	PM Surya Ghar: Muft Bijli Yojana - CFA guidelines	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642295.pdf	Implementation is through 31-Mar-2027. Check live portal eligibility, technical conditions and sanction.
Small hydro	Eligible SHP project under current Central scheme	Central support is based on eligible project cost / normative ceiling and location category	For Andhra Pradesh (other locations): 20% of CERC normative capital cost or actual cost, whichever is lower; maximum INR 20 crore per project. FY 2026-27 to FY 2030-31; applications close 31-Dec-2030.	Quantified period / cap	MNRE Small Hydro Power Development Scheme	https://nrep.mnre.gov.in/guidelines-shp https://nrep.mnre.gov.in/guidelines-shp	Check current MNRE guideline, sanction window and eligible project category.

SHEET 6 OF 9

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Gross metering | Net billing

This sheet separates enforceable APERC rules from State-policy provisions. Rates are shown only where a current official order / regulation specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green OA - eligibility	Green OA threshold under the APERC framework	100 kW contracted demand / sanctioned load through one or aggregated connections in the same electricity division; captive consumers: no load limit	Eligible consumers / captive consumers	APERC GEOA Regulation 2024 as amended	APERC; DISCOMs; APSLDC / STU	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://www.aperc.gov.in/	Check the current consolidated regulation and consumer aggregation condition.
Green OA - nodal route	Nodal-agency route depends on transaction tenure	Short-term through State Load Despatch Centre; medium / long-term through State Transmission Utility, under the applicable procedure	Green OA applicants	APERC GEOA Regulation 2024 as amended	APSLDC; APTRANSCO / STU	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://www.aptransco.gov.in/	Use the current application / portal procedure and lead times.
Banking - charge	Banking charge is levied in kind	8% of energy banked at consumer end	Eligible Green OA banking consumers	APERC GEOA Regulation 2024 as amended	APERC; DISCOMs / APSLDC	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.11of2025.pdf	If transmission / wheeling charges and losses were already levied on full quantum, follow the regulation for drawal treatment.
Banking - cap	Maximum bankable energy is capped under the current regulation	30% monthly cap under the regulation as amended	Eligible Green OA banking consumers	APERC GEOA Regulation 2024 as amended	APERC; DISCOMs / APSLDC	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.11of2025.pdf https://www.aperc.gov.in/	Read the latest amendment for the operative denominator / calculation.
Banking - cycle / unused energy	Banking is settled within each monthly billing cycle	Monthly; unused month-end energy paid at 75% of APERC-notified last discovered SECI tender rate for the relevant RE source	Eligible Green OA banking consumers	APERC GEOA Regulation 2024 as amended	APERC; DISCOMs	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf	Settlement also transfers the corresponding RPO benefit as specified in the regulation.
Banking - ToD treatment	Banked energy is adjusted within the billing cycle by applicable Time-of-Day slots	Peak-bank energy can be drawn in peak / off-peak; off-peak bank energy is restricted to off-peak, subject to current tariff order / R&C provisions	Eligible Green OA banking consumers	APERC GEOA Regulation 2024 as amended; current Retail Supply Tariff Order	APERC; DISCOMs / APSLDC	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf	Verify current ToD slots in the live tariff order.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Renewable hybrid - GEOA	2026 amendment provides specific treatment for renewable-hybrid projects and their interconnection / metering / settlement	Renewable hybrid sources may connect at the same or different points; one source must be at least 25% of the other's rated capacity; contracted wind-solar hybrid must achieve 40% minimum CUF per MW. Non-co-located projects are treated as one generating project, with separate source schedules and source-wise settlement.	Eligible renewable-hybrid Green OA projects	APERC Reg 02/2026 amending GEOA Regulation 2024	APERC; APSLDC / STU; DISCOMs	https://aperc.gov.in/index.php/page/page/admin/upload/admin/upload/RegulationNo2of2026.pdf	Use the final 2026 amendment, not the earlier draft.
Open-access charge basket	GEOA consumers pay the charges determined under current law / APERC orders unless expressly exempt	Transmission, wheeling, CSS, AS, standby, banking, SLDC fees / charges, losses, processing and other approved charges as applicable	Green OA consumers	APERC GEOA Regulation 2024 as amended; tariff / OA orders	APERC; DISCOMs; APSLDC / STU	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf https://www.aperc.gov.in/	Do not assume a policy waiver overrides a later / controlling APERC determination without implementation.
CSS / AS - green hydrogen / ammonia	Express exemption for qualifying green energy used to produce green hydrogen / green ammonia	CSS: nil; additional surcharge: nil for the qualifying use	Qualifying GEOA consumption for green-H2 / green-ammonia production	APERC GEOA Regulation 2024 as amended	APERC; DISCOMs	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccessChargesandBankingRegulation2023Gazette.pdf	Other network / OA charges remain unless separately exempted.
State Green Energy Development Charges	State policy specifies annual Green Energy Development Charges where applicable	Nil for AP DISCOM procurement; otherwise INR 1 lakh/MW/year for years 1-12, INR 1.5 lakh/MW/year for years 13-25, then INR 2 lakh/MW/year, subject to policy category	Eligible clean-energy projects under the State policy	AP Integrated Clean Energy Policy 2024 as amended	NREDCAP / Energy Department	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Hybrid projects are treated source-wise under the policy; verify exact applicability and commencement from scheduled COD.
Wind-solar hybrid - network relief	State policy grants partial intra-State transmission and distribution / wheeling relief for eligible hybrid projects	50% exemption for 5 years from COD; full charges thereafter	Eligible wind-solar hybrid projects	AP Integrated Clean Energy Policy 2024	NREDCAP; APERC; utilities	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Verify that the project meets the hybrid definition and incentive conditions.
Wind-solar hybrid - reactive energy	Policy specifies reactive-energy charges for eligible hybrid projects	INR 0.25/kVARh up to 10% of net active energy; INR 0.50/kVARh thereafter	Eligible wind-solar hybrid projects	AP Integrated Clean Energy Policy 2024	APERC / utility / SLDC as applicable	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	Use current metering / billing procedure and check whether a subsequent APERC order changes implementation.
Forecasting / scheduling / DSM	Solar and wind are subject to forecasting, scheduling and deviation settlement	15-minute blocks; 96 blocks/day	Applicable solar / wind generators and QCA	APERC Forecasting, Scheduling and Deviation Settlement of Solar and Wind Generation Regulation 2017 as operative	APSLDC; APERC	https://www.aperc.gov.in/	Check current amendments / procedures and applicable tolerance / charge bands.
QCA / SLDC implementation	Schedules, revisions, metering and energy accounting are routed through the qualified coordinating / SLDC framework	Per current APERC procedure	Applicable RE generators / QCA	APERC forecasting / scheduling framework	APSLDC; APERC	https://www.aperc.gov.in/ https://www.aptransco.gov.in/	Use current APSLDC forms, timelines and communication protocol.
Net metering	Individual rooftop solar net metering	1-500 kW; capped by contracted load / CMD	Eligible rooftop solar prosumers	APERC Rooftop Solar Regulation 2023; Reg 10/2025; Jan-2026 errata	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/Statementofreasons_OrderRegulationNo.10of2025.pdf https://www.aperc.gov.in/admin/upload/Statementofreasons.pdf	Monthly settlement; use current DISCOM technical / application procedure.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Net billing / net feed-in	Rooftop solar net-billing route	1-1,000 kW; capped by contracted load / CMD	Eligible rooftop solar prosumers	APERC Rooftop Solar Regulation 2023 as amended	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Tariff / credit rate follows current APERC order.
Gross metering	Rooftop solar gross-metering route	5-5,000 kW; capped by contracted load / CMD	Eligible rooftop solar projects	APERC Rooftop Solar Regulation 2023 as amended	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Use current procurement / settlement terms.
Group net metering	Group net-metering route	1-500 kW; aggregate contracted-load / CMD cap	Eligible group arrangement	APERC Rooftop Solar Regulation 2023 as amended	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Service connections may be in the same or different category subject to the regulation.
Virtual net metering	Virtual net-metering route	5-500 kW; aggregate contracted-load / CMD cap	Eligible virtual arrangement	APERC Rooftop Solar Regulation 2023 as amended	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Use the consumer-allocation method in the amended regulation / DISCOM process.
GNM / VNM aggregation	Number of connections is not itself capped; system capacity remains capped by the regulation	No restriction on number of consumers / service connections; maximum project capacity remains scheme-specific and subject to aggregate contracted load / CMD	GNM / VNM arrangements	APERC Reg 10/2025	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.10of2025.pdf	Do not confuse number-of-connections flexibility with an unlimited project capacity.
Rooftop settlement	APERC reinforced monthly rooftop energy settlement / billing and electronic payment implementation	Monthly settlement; electronic payment direction dated 6-Feb-2026	Solar rooftop prosumers	APERC letter dated 6-Feb-2026; rooftop regulation as amended	APERC; AP DISCOMs	https://aperc.gov.in/admin/upload/LronSolarSettelments06022026.pdf	Implementation direction does not change the scheme-specific capacity limits.
BESS - grid planning / procurement	APERC has a dedicated BESS regulation and approved a current AP DISCOM procurement	Reg 5/2025; 500 MW / 1,000 MWh procurement approved 16-Mar-2026	BESS in AP utility planning / procurement	APERC BESS Regulation 2025; O.P.No.65 of 2025 order	APERC; AP DISCOMs; APSLDC / STU	https://aperc.gov.in/admin/upload/statementofreasonsreg5of2025.pdf https://www.aperc.gov.in/admin/upload/OrderinOPNo.65of2025%28BESS%29Date16032026.pdf	Procurement approval is not the same as commissioned storage capacity.

SHEET 7 OF 9

MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Andhra Pradesh renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Andhra Pradesh tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar CFA and implementation framework	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; DISCOMs / State implementation agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use with APERC rooftop metering and current DISCOM process. CFA is for eligible residential consumers; no CFA for non-residential systems.
Agricultural solar	PM-KUSUM	Standalone pumps, feeder solarisation and other eligible agricultural-solar components	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; State agencies / DISCOMs	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep scheme allocation / procurement separate from MNRE location-based installed capacity. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Agricultural solar	AP feeder-level solarisation under PM-KUSUM Component-C	RESCO-mode feeder solarisation approved for the three AP DISCOMs	1,162.8 MW for 293,587 pump sets approved 17-Dec-2025	Quantified	AP DISCOMs; APERC; MNRE	https://aperc.gov.in/admin/upload/OrderonFLS_17.12.2025.pdf https://pmkusum.mnre.gov.in/	State-specific implementation row; treat as approved procurement, not commissioned capacity.
Bioenergy	MNRE Bioenergy Programme	Biomass, waste-to-energy / biogas and related eligible bioenergy support	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / BioUrja; State nodal agency	https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/scheme/Revision_of_Guidelines_Biomass_Program_27_06_2025.pdf	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	MNRE Small Hydro Power Development Scheme	Eligible SHP development / renovation / support	1–25 MW projects; FY 2026-27 to FY 2030-31. For Andhra Pradesh, CFA is 20% of CERC normative capital cost or actual cost, whichever is lower, capped at INR 20 crore per project. Applications close 31-Dec-2030.	Quantified period / cap	MNRE; State nodal / project authorities	https://nrep.mnre.gov.in/guidelines-shp https://nrep.mnre.gov.in/guidelines-shp	Check the current guideline, eligible project category and sanction; support is not automatic.
Wind	MNRE wind framework	Wind development, repowering and national technical / policy framework	No automatic per-MW Central subsidy is assumed for new Andhra wind	Unquantified for new Andhra wind	MNRE; NIWE; NREDCAP	https://mnre.gov.in/en/wind-overview/	Use the AP ICE Policy for the 35 GW State target and current project route.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Andhra Pradesh tracker use
Green hydrogen	National Green Hydrogen Mission	Production, electrolyser manufacturing, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in specific calls / awards	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Check double-funding and project-specific award against State incentives.
Storage	Central BESS / PSP procurement and VGF frameworks	Storage procurement, viability support and approvals	AP DISCOM 500 MW / 1,000 MWh BESS approval cites Central VGF covering 30% of capital cost up to INR 27 lakh/MWh for the allocation	Quantified for cited procurement / scheme	Ministry of Power; CEA; NHPC / procurer	https://powermin.gov.in/static/uploads/2025/08/7c53eb44b7a4438758136116fb57d7c2.pdf https://www.aperc.gov.in/admin/upload/OrderinOPNo.65of2025%28BESS%29Date16032026.pdf	State procurement approval, Central VGF sanction and physical commissioning are separate stages.
Hybrid / FDRE	Competitive procurement guidelines and tenders	Wind-solar hybrid, RTC / FDRE and co-located storage	Tariff and contracted MW per bid / PPA	Quantified per procurement	AP DISCOMs / SECI / intermediary procurer; APERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf	Separate awarded capacity from CEA planning projections and State-policy targets.
Storage	Andhra Pradesh DISCOM BESS procurement tracker	APERC approved 1,000 MW / 2,000 MWh tripartite BESPAs; APPCC subsequently tendered 1,000 MW / 4,000 MWh (bid deadline 14-Oct-2026) and 1,250 MW / 5,000 MWh (bid deadline 23-Nov-2026). Separate from the 500 MW / 1,000 MWh OP65 route.	Capacity/status differs by route; see AP Policy Tracker rows 29, 44-46.	Approved agreement plus tendered capacity (not all operational)	APERC; APPCC; APTRANSCO; AP DISCOMs	https://aperc.gov.in/index.php/main/index/page/regulations/page/tariff_orders/admin/upload/admin/upload/OrderinOPNo.18of2026%28BESS%2930.06.2026.pdf https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_30092026075751.pdf https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_10102026123509.pdf	As at 17-Oct-2026

Note on last row (Andhra Pradesh DISCOM BESS procurement tracker): *Do not sum as installed or contracted capacity. Tender 01 post-deadline award status was not established from reviewed official source pages.*

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Sources

Primary Sources and Department Links

Policies, regulations, capacity data and responsible-government entry points

Official source register for policy, regulation and capacity claims; current MNRE capacity series is as at 30-Sep-2026. Audit cut-off: 17-Oct-2026.

Category	Document / authority	What it verifies	Official link	Status / date checked
State policy	Andhra Pradesh Integrated Clean Energy Policy 2024 - G.O.Ms.No.37	Current umbrella policy, technology targets, project routes, grid / land treatment and State incentives	https://www.nredcap.in/PDFs/2024/2024ENY_33768_MS37.pdf	G.O.Ms.No.37 dated 30-Oct-2024; checked 8-Sep-2026
Policy landing page	NREDCAP current State-policy / notification page	Current State-policy identity, implementation notices and portal RFP status	https://nredcap.in/Default.aspx	Page updated 7-Sep-2026; checked 8-Sep-2026
State policy amendment	Amendment to AP Integrated Clean Energy Policy 2024 - G.O.Ms.No.4	Confirms 2026 amendment to the umbrella policy	https://www.nredcap.in/PDFs/2026/GO_Ms_No_4_Amendmenet_to_ICE_Policy.pdf	G.O.Ms.No.4 dated 12-Jan-2026; checked 8-Sep-2026
Operational guidelines	AP ICE Policy 2024 Operational Guidelines - G.O.Ms.No.26	Approval, allocation, land, incentive and implementation procedures	https://nredcap.in/PDFs/2025/2025ENY_35797_MS26_E_Operational_Guidelines.pdf	G.O.Ms.No.26 dated 28-Feb-2025; checked 8-Sep-2026
Operational-guideline amendment	Amendment to AP ICE Policy Operational Guidelines - G.O.Ms.No.18	Aligns operational guidelines with the amended policy framework	https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	G.O.Ms.No.18 dated 24-Mar-2026; checked 8-Sep-2026
Current capacity	MNRE Physical Progress - state-wise installed capacity	Location-based solar sub-sectors, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Data as at 30-Sep-2026; checked 17-Oct-2026
Capacity register	MNRE Physical Progress page	Latest official capacity-release entry point	https://mnre.gov.in/en/physical-progress/	Latest official capacity-release entry point; checked 17-Oct-2026
Contracted capacity / demand	CEA Andhra Pradesh Resource Adequacy Report up to FY 2035-36	20,393 MW Mar-2025 contracted baseline; demand and resource projections through FY 2035-36	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Andhra_Pradesh_Resource_Adequacy_Report_2035_36__1.pdf	Current CEA State RA report; checked 8-Sep-2026
Resource-adequacy register	CEA Resource Adequacy Study Report register	Official current publication entry for the Andhra Pradesh RA report	https://cea.nic.in/resource-adequacy-study-report/?lang=en	Register checked 8-Sep-2026
Hydro / PSP	CEA All India Hydro Potential Profile	Hydro and pumped-storage potential / development-stage context	https://cea.nic.in/wp-content/uploads/hpi/2025/04/All_India_Hydro_Potential_Profile_April_25-2.pdf	Apr-2025 profile; checked 8-Sep-2026
Electricity regulator	APERC current regulations / proceedings	Current 2026 regulations including Resource Adequacy, GEOA second amendment and RE tariff amendments	https://www.aperc.gov.in/	Checked 8-Sep-2026
Open access	APERC Green Energy Open Access, Charges and Banking Regulation 2024	100 kW threshold, surcharge provisions, monthly banking, 8% charge, 30% cap and settlement	https://aperc.gov.in/admin/upload/APERCGreenEnergyOpenAccesschargesandBankingRegulation2023Gazette.pdf	Principal regulation; read with amendments; checked 8-Sep-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Open access	APERC GEOA Statement of Reasons	Principal-regulation interpretation and banking mechanics	https://aperc.gov.in/admin/upload/Orderdated01052024GEOAREGULATION.pdf	Checked 8-Sep-2026
Open access	APERC GEOA First Amendment - Reg 11/2025	2025 changes to Green OA / banking framework	https://aperc.gov.in/admin/upload/StatementofreasonsOrderRegulationNo.11of2025.pdf	Reg 11/2025; checked 8-Sep-2026
Open access	APERC GEOA Second Amendment - Reg 02/2026	Current 2026 amendment, including renewable-hybrid treatment	https://aperc.gov.in/index.php/page/page/admin/upload/admin/upload/RegulationNo2of2026.pdf	Regulation dated 08-May-2026; effective 21-May-2026; checked 17-Oct-2026
Rooftop regulations	APERC Rooftop Solar Regulation 2023 - Statement of Reasons / order	Base net / gross-metering framework and settlement	https://aperc.gov.in/admin/upload/FinalOrderdated22.02.2024onSRTPVRegulation.pdf.pdf	Principal regulation; read with amendments; checked 8-Sep-2026
Rooftop regulations	APERC Rooftop Solar First Amendment - Reg 10/2025	Current capacity limits for net, group, virtual, gross and net-billing routes	https://aperc.gov.in/admin/upload/Statementofreasons_OrderRegulationNo.10of2025.pdf	Reg 10/2025; checked 8-Sep-2026
Rooftop regulations	APERC Errata to Reg 10/2025	Corrects / completes amended monthly-settlement clauses	https://www.aperc.gov.in/admin/upload/Statementofreasons.pdf	Dated 19-Jan-2026; checked 8-Sep-2026
Rooftop implementation	APERC solar-rooftop settlement directions	Monthly settlement / billing and electronic-payment implementation	https://aperc.gov.in/admin/upload/LronSolarSettelments06022026.pdf	Letter dated 6-Feb-2026; checked 8-Sep-2026
Battery storage	APERC BESS Regulation 2025 - Statement of Reasons	Dedicated BESS planning, procurement, deployment and utilisation framework; confirms 25 GWh State policy target	https://aperc.gov.in/admin/upload/statementofreasonsreg5of2025.pdf	Reg 5/2025; checked 8-Sep-2026
Battery storage	APERC Order in O.P.No.65 of 2025	Approval of 500 MW / 1,000 MWh AP DISCOM BESS procurement and cited Central VGF	https://www.aperc.gov.in/admin/upload/OrderinOPNo.65of2025%28BESS%29Date16032026.pdf	Order dated 16-Mar-2026; checked 8-Sep-2026
Grid operations	APERC forecasting / scheduling / DSM regulations register	Current regulatory entry point for solar / wind forecasting, scheduling and deviation settlement	https://www.aperc.gov.in/	Checked 8-Sep-2026
Agricultural solar	APERC feeder-level solarisation order	AP DISCOM PM-KUSUM Component-C feeder-level procurement	https://aperc.gov.in/admin/upload/OrderonFLS_17.12.2025.pdf	Order dated 17-Dec-2025; checked 8-Sep-2026
Central scheme	PM Surya Ghar CFA guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Central scheme	PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Central scheme	MNRE Small Hydro Power Development Scheme	SHP CFA and FY 2026-27 to FY 2030-31 period	https://nrep.mnre.gov.in/guidelines-shp	Checked 8-Sep-2026
Category	**Document / authority**	**What it verifies**	**Official link**	**Status / date checked**
Central scheme	MNRE Bioenergy overview / revised biomass guideline	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/public/downloadables/scheme/Revision_of_Guidelines_Biomass_Program_27_06_2025.pdf https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed

Category	Document / authority	What it verifies	Official link	Status / date checked
				31-Dec-2025; new submissions stopped until further notice.
Central scheme	National Green Hydrogen Mission	Central mission, SIGHT / implementation entry point	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 8-Sep-2026
Central scheme	Ministry of Power BESS VGF framework	Central viability-gap support framework for BESS	https://powermin.gov.in/static/uploads/2025/08/7c53eb44b7a4438758136116fb57d7c2.pdf	Checked 8-Sep-2026
Renewable-energy agency	NREDCAP	State nodal agency, policies, tenders, project status and current implementation notices	https://nredcap.in/Default.aspx	Authority link; checked 8-Sep-2026
Transmission / system operator	APTRANSCO / Andhra Pradesh grid entry point	Transmission planning, connectivity and State grid / SLDC interface	https://www.aptransco.gov.in/	Authority link; checked 8-Sep-2026
Industry department	Andhra Pradesh Industries Department	Industrial approval and incentive entry point	https://www.apindustries.gov.in/	Department link; checked 8-Sep-2026
Investment facilitation	Andhra Pradesh Economic Development Board	Investment-facilitation entry point	https://apedb.ap.gov.in/	Agency link; checked 8-Sep-2026
Revenue / land administration	Government of Andhra Pradesh Revenue Administration - district / CCLA framework	Revenue / land-administration authority context and State-level CCLA role	https://kadapa.ap.gov.in/revenue-department-history/	Government of Andhra Pradesh link; checked 8-Sep-2026
Water resources	Andhra Pradesh Water Resources / irrigation portal	Water-resource and irrigation project administration entry point	https://irrigationap.cgg.gov.in/	Department portal; checked 8-Sep-2026
Environmental authority	Andhra Pradesh Pollution Control Board	Environmental consents and regulatory entry point	https://pcb.ap.gov.in/	Authority link; checked 8-Sep-2026
Capacity data	MNRE State-wise location-based installed capacity	Andhra Pradesh technology breakdown and total renewable capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Data as at 30-Sep-2026; Page 1, Andhra Pradesh row; checked 17-Oct-2026
Policy status / project implementation	NREDCAP current notices and policy register	Current State policy documents and project-status notices	https://www.nredcap.in/Default.aspx	NREDCAP page updated 13-Oct-2026; accessed 17-Oct-2026
State project status	NREDCAP status of RE projects commissioned	State project commissioning status for reconciliation with installed-capacity series	https://nredcap.in/PDFs/2026/RE_Projects_as_on_30_09_2026.pdf	Status as at 30-Sep-2026; accessed 17-Oct-2026
Open access amendment	APERC Second Amendment to Green Energy Open Access Charges and Banking Regulation 2024 - Regulation 02/2026	Renewable-hybrid project definition, connectivity, metering, scheduling, accounting and settlement	https://aperc.gov.in/index.php/page/page/admin/upload/admin/upload/RegulationNo2of2026.pdf	Regulation dated 08-May-2026; effective 21-May-2026; checked 17-Oct-2026
Renewable tariff amendment	APERC Second Amendment to Terms and Conditions for Tariff Determination from Renewable Energy Sources Regulation 2025 - Regulation 03/2026	Current tariff-regulation treatment relevant to renewable hybrid and storage projects	https://aperc.gov.in/index.php/page/page/admin/upload/admin/upload/RegulationNo03of2026.pdf	Regulation 03/2026; checked 17-Oct-2026
Resource adequacy regulation	APERC Framework for Resource Adequacy Regulation 2026 - Regulation 04/2026	State resource-adequacy planning framework and utility planning obligations	https://aperc.gov.in/index.php/page/page/admin/upload/admin/upload/ResourceAdequacyRegulationgazettedated.pdf	Regulation 04/2026; checked 17-Oct-2026
AP BESS approval	APERC Order in O.P. No.18 of 2026 - 1,000 MW / 2,000 MWh tripartite BESPAs	Approval of seven tripartite BESPAs; APERC decision dated 30-Jun-2026	https://aperc.gov.in/index.php/main/index/page/regulations/page/tariff_orders/admin/upload/admin/upload/OrderinOPNo.18of2026%28BESS%2930.06.2026.pdf	Order in OP18/2026; decision dated 30-Jun-2026; checked 17-Oct-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
AP BESS procurement	APPCC/BESS-01/2026-27 - 1,000 MW / 4,000 MWh medium-term procurement	Fully commissioned standalone BESS anywhere in India; four-hour; two-year term; bid close 14-Oct-2026	https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_30092026075751.pdf	Official tender notice; bid submission schedule; checked 17-Oct-2026
AP BESS procurement	APPCC/BESS-02/2026-27 - 1,250 MW / 5,000 MWh standalone BESS in AP	RfS issued 07-Oct-2026; three sites; bid close 23-Nov-2026	https://www.apeasternpower.com/f5rSAAwL29T%2B4jBmrpXl7PFRsog%3D?filePath=%2Fupload%2FIntranetUploads%2FWSS_UPLOADS%2FNEWS%2FNEWS_10102026123509.pdf	RfS pages 1-2 and project configuration pages 15-16; checked 17-Oct-2026
State policy	Andhra Pradesh Renewable Energy Export Policy 2020	Scope, targets, export and open-access clauses, original operative period	https://nredcap.in/Default.aspx/PDFs/Pages/AP_RE_Export_policy_2020.pdf	Clauses 1, 3, 4 and 6; checked 17-Oct-2026
Policy amendment	G.O.Ms.No.20 dated 13-Sep-2022 - AP Renewable Energy Export Policy	Revised private-land lease rentals under RE Export Policy 2020	https://nredcap.in/PDFs/Pages/Amnd_RE_Export_GO_20_13_09_2022.pdf	Para 2; checked 17-Oct-2026
Central scheme	MNRE Bioenergy Programme status	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Central scheme	MNRE revised PM Surya Ghar CFA guideline	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Central scheme	MNRE Small Hydro Power Development Scheme guideline	SHP period, scope, CFA and application close	https://nrep.mnre.gov.in/guidelines-shp	Guideline dated 15-May-2026; checked 17-Oct-2026
State policy amendment	G.O.Ms.No.4 - AP ICE Policy amendment	Transfers of project capacity to parent / subsidiary / group affiliate	https://nredcap.in/PDFs/2026/GO_Ms_No_4_Amendmenet_to_ICE_Policy.pdf	G.O. dated 12-Jan-2026; Annexure clauses 2 and 17.1
Operational guideline amendment	G.O.Ms.No.18 - AP ICE Policy Operational Guidelines	Surety-bond option and revised PBG / ISB term	https://nredcap.in/PDFs/2026/GO_Ms18_Amendment_to_OG_of_AP_ICE_Policy_2024.pdf	G.O. dated 24-Mar-2026; Annexure I items 5, 6 and clause 16.10

Assam Renewable Energy Policy Tracker

Capacity, live policy targets and implementation coverage

Updated 16 September 2026

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Synopsis

Assam Renewable Energy: Policy and Investment Synopsis

Assam's renewable-energy framework is led by the Integrated Clean Energy Policy 2025, supplemented by separate 2025 policies for solar and pumped storage. Its headline target combines generation, storage and manufacturing, so it is not a generation-capacity target or an assured project pipeline.

1. Policy Overview

- The Integrated Clean Energy Policy is operative to 31 March 2030; the separate pumped-storage policy runs to 31 March 2035.
- At 31 August 2026, Assam had 1,243.01 MW of physically installed renewable capacity, including 854.90 MW of solar.

2. Major Commitments and Projections

- The Integrated Clean Energy Policy sets an 11,700 MW headline target by FY 2029–30, including 3,000 MW of solar manufacturing. Its generation and storage targets include 5,300 MW of solar, 200 MW of wind, 100 MW of combined biomass and waste-to-energy, 100 MW of small hydro and 1,000 MW of battery storage.
- The separate Solar Promotion Policy sets a minimum 3,500 MW solar objective by 2030. The Integrated Policy's 5,300 MW solar allocation is higher.
- The pumped-storage policy targets 2,000 MW by 2030 and 5,000 MW by 2035. Assam has no operating pumped-storage project listed in the tracker.
- CEA's modelled additional needs to FY 2034–35—2,250 MW solar, 450 MW wind and 915 MW of four-hour storage—are planning results, not State awards.

3. Investment Framework

- The Integrated Policy provides eligible projects with reimbursement of land reclassification charges and stamp duty, transmission-charge exemption for the project life or 20 years, whichever is earlier, and electricity-duty relief during the policy period. Wheeling relief applies where injection and withdrawal are at the same voltage.
- For eligible solar projects, the separate policy permits discretionary relief of up to 25% on transmission and wheeling charges, 75% on electricity duty and 50% on cross-subsidy surcharge for five years. Any residential State subsidy remains unquantified. These benefits are not automatic.
- Eligible BESS projects receive a 12-year wheeling-charge waiver, lifetime electricity-duty relief and 100% net SGST reimbursement for seven years. Storage-as-a-Service may share benefits 75:25 between developer and DISCOM.
- The pumped-storage policy provides a 40-year lease and no water cess for eligible projects.

4. Principal Implications

- The policies offer material charge and land-cost relief, but entitlement depends on project eligibility and the applicable approval or regulatory route.
- The separate solar policy's discretionary charge relief differs from the Integrated Policy's general provisions; project economics should use the terms approved for that project.

5. Investment Outlook

- Solar projects may proceed through tariff-based competitive bidding, nomination of public-sector entities or first-come, first-served allocation to private developers. The State's procurement remains based on need.
- BESS has policy routes for cost-plus procurement, competitive bidding and Storage-as-a-Service.
- Pumped storage offers a private-development route through competitive bidding and self-identified off-stream sites. The policy targets and CEA survey-stage sites indicate development potential, not awarded or operating projects.

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Overview

Assam Renewable Energy Policy Tracker

Capacity, live policy targets and implementation coverage | Updated and verified 16 September 2026

Read definitions carefully. MNRE figures are location-based. The live Assam Integrated Clean Energy Policy 2025 runs to 31 March 2030. Its 11,700 MW headline includes generation, storage and solar manufacturing, so it is not directly comparable with installed generation. The later solar and pumped-storage policies are shown separately. Tenders, PFRs, DPRs and survey-stage projects remain outside commissioned capacity.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Assam	1,243.01 MW	ICE Policy targets 11,700 MW of additions by FY 2029-30, including storage and manufacturing	Quantified current; mixed-scope target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Solar—total physically installed	854.90 MW	Solar Promotion Policy sets minimum 3,500 MW by 2030; ICE technology rows sum to 5,300 MW	Quantified current and live targets	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Solar—ground mounted	220.96 MW	ICE Policy allocates 3,000 MW ground-mounted plus 300 MW floating solar	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Solar—rooftop	621.30 MW	ICE Policy targets 1,900 MW across residential, government, industrial and commercial sectors	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Solar—off-grid / PM-KUSUM-B	12.64 MW	ICE Policy targets 100 MW of off-grid solar applications	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Wind physically installed	0.00 MW	ICE Policy targets 200 MW by FY 2029-30	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	8.00 MW	ICE Policy targets 100 MW biomass/WTE additions up to FY2029-30	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Small hydro physically installed	34.11 MW	ICE Policy targets 100 MW of additions	Quantified current and live target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://nrep.mnre.gov.in/guidelines-shp
Large hydro physically installed	346.00 MW	CEA RA projects 1,168 MW of contracted hydro by FY 2034-35	Quantified current and planning projection	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf
Pumped storage	No operating Assam PSP listed by CEA	2,000 MW by 2030 and 5,000 MW by 2035 under the PSP Policy	Quantified policy targets; survey-stage pipeline	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf
Battery storage	No commissioned State total located	ICE target 1,000 MW; CEA RA models 915 MW of four-hour storage by FY 2034-35	Policy target and model result	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf
Electricity peak demand	2,687 MW met in FY 2024-25	5,345 MW projected for FY 2034-35	Quantified actual and projection	https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Assam tracker

These rules control comparisons among physical capacity, live targets, project stages, planning studies, regulatory terms and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Assam. MNRE state-wise capacity is used for this measure.
Mixed-scope target	A headline that combines generation, storage, manufacturing or other units. It is not compared as a completion percentage against installed generation.
Contracted capacity	Capacity tied up for Assam, including allocations and projects outside the State. It differs from location-based capacity.
Live policy target	A target whose governing policy remains within its stated operative period.
Planning input	Capacity assumed as planned in a CEA study. It is not automatically sanctioned or commissioned.
Modelled requirement	Capacity produced by a planning model to meet demand or reliability. It is not a procurement commitment.
Commissioned	A project reported in commercial operation. Named commissioned subsets are not added again to MNRE totals.
Tender / RfS	Procurement remains under competition or evaluation. No operating capacity is inferred.
PFR / DPR	Pre-feasibility or detailed-project-report stage. Neither is treated as commissioned capacity.
S&I	Survey and investigation stage in CEA pumped-storage reporting.
SRTPVS / RTS	Solar rooftop photovoltaic system / rooftop solar.
GEOA	Green Energy Open Access under the AERC Open Access Regulations 2024, as amended.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Exemptions require the stated transaction conditions.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power and MWh measures energy.
PSP	Pumped Storage Project. Policy targets and CEA project stages are shown separately.
COD	Commercial Operation Date.
MU	Million units of electricity, equal to million kWh.

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Policy Tracker

Policy and Market Tracker

Live targets | Current capacity | Project stages | Planning inputs | Delivery conditions

Policy, installed capacity, contracted capacity and project pipeline use different scopes. Each row preserves its source date and stage; the 11,700 MW headline is not treated as a pure generation target.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Cross-sector	Governing policy	The 2025 integrated policy covers solar, wind, hybrids, hydro, PSP, BESS, bioenergy, green hydrogen, EV charging and manufacturing.	Assam ICE Policy 2025	Quantified live policy	Effective 24-Feb-2025; operative to 31-Mar-2030 unless superseded earlier	Policy and project-specific incentives.	Operational guidelines and project approvals	APDCL / notified nodal agency	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Previous State RE policies cease for covered technologies.
Cross-sector	Headline target	Policy aims to facilitate additional clean-energy capacity and industry.	Assam ICE Policy 2025	Quantified mixed-scope target	11,700 MW by FY 2029-30	Includes generation, storage and 3,000 MW solar manufacturing.	Technology-specific allocation and commissioning	APDCL; State departments	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Do not divide current installed generation by this mixed-scope total.
Cross-sector	Current physical portfolio	MNRE reports location-based renewable capacity.	MNRE physical progress	Quantified current	1,243.01 MW at 31-Aug-2026	Scheme-specific.	Commissioning and MNRE reporting	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090810737759 55.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Parliament reported 915.58 MW at 28-Feb-2026.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Cross-sector	Superseded framework	The integrated policy expressly supersedes the 2022 RE Policy and ends earlier covered State policies.	Assam ICE Policy 2025	Unquantified legal status	Effective 24-Feb-2025	Migration is conditional for eligible earlier projects.	Confirm project migration and current approvals	Power Department; APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._715_pel_230-2021-138_dated_13-10-22.pdf	The 2017 solar and 2022 RE policies are historical.
Solar	Live solar targets	ICE technology rows cover ground, floating, rooftop and off-grid solar.	Assam ICE Policy 2025	Quantified live target	5,300 MW by FY 2029-30	Technology-specific.	Allocation, connectivity, procurement and COD	APDCL; APGCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	3,000 ground, 300 floating, 1,900 rooftop and 100 off-grid MW.
Solar	Solar promotion objective	Later solar-specific policy sets a minimum capacity objective.	Assam Solar Promotion Policy 2025	Quantified live target	Minimum 3,500 MW by 2030	Applies to grid, floating, rooftop and BESS-linked solar.	Project allocation and commissioning	APDCL	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf	Minimum objective is compatible with the higher ICE technology allocation.
Solar	Current solar portfolio	MNRE separates ground, rooftop and off-grid solar.	MNRE physical progress	Quantified current	854.90 MW at 31-Aug-2026	Location-based.	Commissioning and reporting	MNRE; APDCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Parliament reported 533.47 MW at 28-Feb-2026.
Solar	Ground-mounted portfolio	Physical ground-mounted solar located in Assam.	MNRE physical progress	Quantified current	220.96 MW	Project-specific.	Land, connectivity and COD	APDCL; APGCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://www.pib.gov.in/PressReleasePage.aspx?PRID=2214926	Named commissioned projects are subsets of the MNRE total.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Solar	Rooftop portfolio	Physical rooftop capacity includes PM Surya Ghar installations.	MNRE physical progress	Quantified current	621.30 MW	Metering route and scheme conditions apply.	Application, feasibility, metering and COD	APDCL; AERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://aerc.gov.in/orders/1786102576.pdf	Latest AERC interim order keeps existing rules operative while review continues.
Solar	Off-grid portfolio	Off-grid solar and PM-KUSUM-B are separately reported.	MNRE physical progress	Quantified current	12.64 MW	Scheme-specific.	Sanction and commissioning	MNRE; APDCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://www.apdcl.org/website/docs/tender_2026_27/Bid%20Document solar.pdf	Tender capacity is not added until commissioned.
Solar	Dhubri project	SJVN Green Energy's project was inaugurated as operational.	PIB / Ministry of Power	Quantified commissioned subset	70 MW; inaugurated 15-Jan-2026	Included in later MNRE ground solar.	Operating monitoring	SGEL; Assam utilities	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2214926 https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf	Developed on 330 acres; do not double count.
Solar	Garukhuti agrivoltaic	APGCL sought a consultant for feasibility, PFR and DPR.	APGCL tender	Quantified project preparation	25 MW AC proposed	Study-stage only.	PFR, DPR, approvals, EPC tender and COD	APGCL	https://www.apgcl.org/storage/admin-assets/Tenders/2025-2026/Dpr%2025%20Mw%20Project%20Garukhuti/1770015271_BID%20Doc%20Cons%20Solar%20Agrivoltaic%20revised.pdf	Tender text also references an earlier 20 MW concept; 25 MW is the current study scope.
Solar	Police housing rooftop tender	APDCL invited turnkey bids for 16 quarter buildings.	APDCL RfS	Quantified tender	896 kWp; issued 25-Feb-2026	Tender-stage only.	Award, construction and COD	APDCL	https://www.apdcl.org/website/docs/tender_2025_26/NIT-NRE-213.pdf	Two 448 kWp packages; four-month work period after LoA.
Solar	Tribal public institutions	APDCL invited bids for off-grid solarisation.	APDCL tender	Quantified tender	8 kWp across eight institutions	Tender-stage only.	Award, installation and commissioning	APDCL	https://www.apdcl.org/website/docs/tender_2026_27/Bid%20Document solar.pdf	MNRE sanction stated; capacity remains outside commissioned total until completion.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Wind	Current and target	MNRE reports no location-based wind capacity; ICE establishes a live addition target.	MNRE; Assam ICE Policy 2025	Quantified	0 MW current; 200 MW by FY 2029-30	Resource- and project-specific.	Resource assessment, allocation and COD	APDCL; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	CEA contracted wind uses a different scope.
Bioenergy	Current and target	MNRE reports non-bagasse cogeneration; ICE combines biomass and WTE.	MNRE; Assam ICE Policy 2025	Quantified	8 MW installed at 31-Aug-2026; 100 MW biomass/WTE addition target up to FY2029-30	Feedstock and consent conditions apply.	Procurement, consent and COD	State agencies; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://mnre.gov.in/en/bio-energy-overview/	No bagasse or grid WTE capacity appears in the 31-Aug-2026 row.
Small hydro	Current and target	MNRE reports SHP physically located in Assam.	MNRE; Assam ICE Policy 2025	Quantified	34.11 MW current; 100 MW addition target	Central SHP CFA may apply.	Site, clearances, connectivity and COD	State agencies; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://nrep.mnre.gov.in/guidelines-shp	Current capacity and addition target are not additive without a defined baseline.
Large hydro	Current portfolio	MNRE includes large hydro in total renewable capacity.	MNRE physical progress	Quantified current	346 MW	Project- and allocation-specific.	Utility project route	CEA; utilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090881073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	CEA contracted hydro uses a different scope.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Pumped storage	Policy target	Dedicated policy extends the development horizon beyond the ICE period.	Assam PSP Promotion Policy 2025	Quantified live target	2,000 MW by 2030; 5,000 MW by 2035	Policy-specific incentives and allocation routes.	Site allotment, studies, concurrence, construction and COD	APDCL; Power Department	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Dedicated policy is valid to 31-Mar-2035.
Pumped storage	CEA survey-stage pipeline	CEA lists three Assam off-stream projects under S&I outside CEA.	CEA PSP status 30-Apr-2026	Quantified survey stage	Howraghat 1,500 MW; Moti Hojai 1,200 MW; AS-01 900 MW	Not under construction or commissioned.	Survey, DPR, appraisal, approvals and construction	Developers; CEA	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	CEA TRA uses a separate 2,920 MW planned input by FY 2034-35.
Battery storage	Policy target	ICE promotes standalone and co-located storage.	Assam ICE Policy 2025	Quantified live target	1,000 MW by FY 2029-30	Project and procurement specific.	Tender, connectivity and COD	APDCL; AEGCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://powermin.gov.in/en/content/energy-storage-system	Battery manufacturing has a separate 2,000 MWh target.
Manufacturing	Solar value chain	ICE includes manufacturing in the 11,700 MW headline.	Assam ICE Policy 2025	Quantified industrial target	3,000 MW solar manufacturing	Industrial incentive conditions apply.	Investment approval and production	Industries Department; APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	This is not generation capacity.
Manufacturing	Battery and wind	ICE establishes battery output and open-ended wind manufacturing ambitions.	Assam ICE Policy 2025	Quantified / unquantified	Battery 2,000 MWh; wind turbines no pre-set limit	Manufacturing scope.	Investment approval and production	Industries Department; APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	MWh manufacturing capacity is not combined with MW generation.
Green hydrogen	Production ecosystem	ICE establishes production, valley, electrolyser and employment goals.	Assam ICE Policy 2025	Quantified live target	2,000 kTPA by 2030; at least one valley and one giga factory	Project-specific incentives.	Investment, offtake, approvals and commissioning	Nodal agency; departments	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Also targets 10,000 jobs per annum.
EV charging	Infrastructure target	ICE covers renewable-linked EV charging infrastructure.	Assam ICE Policy 2025	Quantified live target	2,000 charging points	Implementation route to be operationalised.	Site, connection and commissioning	APDCL; transport bodies	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Count target is separate from MW.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Biofuels	Fuel-production targets	ICE covers ethanol and bio-CNG / CBG.	Assam ICE Policy 2025	Quantified live target	Ethanol 1,500 KLPD; Bio-CNG/CBG 10,000 TPD; policy target period up to FY2029-30	Fuel-production units.	Feedstock, consent, offtake and commissioning	Nodal agency; developers	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Do not combine with electric-generation MW.
RPO	2029-30 trajectory	Policy reproduces the national RPO trajectory and refers compliance to AERC.	Assam ICE Policy 2025	Quantified obligation	43.33% total RPO in FY 2029-30	Consumption obligation.	Procurement, generation or REC compliance	Obligated entities; AERC	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	Not an installed-capacity target.
System planning	Contracted baseline	CEA RA records capacity tied up for Assam.	CEA Assam RA	Quantified contracted capacity	2,500 MW at 31-Mar-2024	Includes State, private and Central allocations.	Procurement and contracting	APDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	46% was non-fossil; scope differs from MNRE location-based capacity.
System planning	Contracted mix projection	CEA modelled a least-cost portfolio for FY 2034-35.	CEA Assam RA	Quantified model result	11,842 MW contracted capacity	System-planning output.	Procurement and contracting decisions	APDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	Includes 3,304 MW solar, 550 wind, 1,495 DRE and 915 MW four-hour storage.
System planning	Additional modelled needs	CEA identified additions beyond planned capacity.	CEA Assam RA	Quantified model result	2,250 MW solar; 450 MW wind; 915 MW four-hour storage by FY 2034-35	Model result only.	Procurement and project development	APDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	Also identifies additional coal and market procurement; not a State RE-policy target.
Demand	Peak-demand outlook	CEA records actual peak met and projected demand.	CEA Assam TRA	Quantified	2,687 MW met FY 2024-25; 5,345 MW projected FY 2034-35	Actual and forecast.	Network and resource planning	APDCL; AEGCL; CEA	https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	2023-24 peak met was 2,413 MW in both CEA studies.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Grid	Existing transmission baseline	CEA TRA reports the intra-State high-voltage network.	CEA Assam TRA	Quantified current	5,417.46 ckm and 10,030 MVA stated by voltage totals	Network measure.	Utility asset management	AEGCL; CEA	https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf	3,470 ckm at 132 kV, 1,941 ckm at 220 kV and 6.46 ckm at 400 kV.
Grid	Transmission expansion	CEA identifies additions through FY 2034-35.	CEA Assam TRA	Quantified plan	15,280 MVA and 4,720 ckm; estimated ₹14,202.05 crore	Planning estimate.	Sanction, procurement and commissioning	AEGCL; CEA	https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf	Includes new lines and reconductoring.
Land	Facilitation and lease	Policy provides land lists, deemed non-agricultural status and government-land leases.	Assam ICE Policy 2025	Quantified policy provision	Up to 30 years; 45 years for PSP and mini / small hydro	Allocation and reimbursement conditions apply.	Land application and allotment	Revenue Department; nodal agency	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Private land is procured by developer.
Grid	Technical feasibility	TRANSCO / DISCOM must dispose of evacuation feasibility proposals.	Assam ICE Policy 2025	Quantified timeline	14 days from application	Project-specific studies apply.	Complete application and network assessment	AEGCL / APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Upstream strengthening is assigned to utilities on priority basis in the policy.
Grid	Must-run treatment	Injection from covered clean-energy projects is treated as deemed scheduled under the policy.	Assam ICE Policy 2025	Unquantified policy provision	No separate curtailment compensation stated	Subject to grid code, security and AERC rules.	Scheduling and grid operation	SLDC; utilities	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Read with current AERC Grid Code and deviation-settlement rules.

Sector	Policy area	Provision / status	Instrument / programme	Classification	Actual numeric target / status	Incentive / support	Implementation pathway / next step	Responsible body	Official source	Tracker note
Approvals	Single window	ICE uses APDCL or the State EoDB portal; sector policies specify timelines.	Assam policy suite	Quantified sector timeline	Solar and PSP policies state 60 days for State approvals	Facilitation, not waiver.	Complete applications to line departments	APDCL; State departments	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf	ICE itself promises time-bound clearances without a single general day count.
Governance	Review and operative period	Policy can be amended and evaluated during implementation.	Assam ICE Policy 2025	Quantified live framework	24-Feb-2025 to 31-Mar-2030	Later specific policies also apply within their stated scope.	Periodic review and clarifications	Power Department	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf	PSP policy continues to 31-Mar-2035.

SHEET 5 OF 8

Financial Support

Financial Support and Incentive Register

State-policy support | Charge relief | Land | Manufacturing | Central support

Policy wording does not replace AERC orders, sanction letters or project agreements. The later solar policy contains discretionary relief that differs from the ICE general provisions; confirm the controlling approval before financial modelling.

Support area	Instrument	Provision	Actual amount / rate / period	Classification	Eligible applicant / project	Responsible body	Official source / implementation note
General fees	Policy charges exemption	All project fees and charges are exempt except application fee and PBG.	Assam ICE Policy 2025	Quantified rule	Eligible policy projects	Nodal agency	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Land	Conversion and stamp duty	Reimbursement of land reclassification charges and stamp duty.	100% of eligible charges	Quantified	Clean-energy and RE-manufacturing projects	Power Department; Revenue Department	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Land	Government lease	Government land may be allotted on alienation / lease terms.	Up to 30 years; 45 years for PSP and mini / small hydro	Quantified	Eligible allotted projects	Revenue Department; nodal agency	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Transmission	General intra-State charge exemption	Scheduled generation receives policy exemption.	100% for project life or 20 years, whichever is earlier	Quantified	Eligible clean-energy projects	AEGCL; AERC	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Wheeling	Same-voltage injection and withdrawal	Distribution / wheeling charge is waived where voltage levels match.	100% waiver during operative period	Quantified	Eligible transactions	APDCL; AERC	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Surcharges	Within-State clean-energy sale	Policy grants CSS and AS exemption for specified captive / third-party structures.	Up to 20 years or project life	Quantified	Transactions satisfying clause 5.8.3	APDCL; AERC	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Electricity duty	Renewable consumption	Power consumed from RE plants receives duty exemption.	100% during ICE operative period from COD	Quantified	Eligible RE consumption	Power Department	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Solar	Project bank guarantee	Solar policy sets capacity-banded BG until COD.	₹50 lakh to ₹5 crore	Quantified	Non-rooftop solar / floating solar / BESS projects	APDCL	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf

Support area	Instrument	Provision	Actual amount / rate / period	Classification	Eligible applicant / project	Responsible body	Official source / implementation note
Solar	Discretionary charge relief	Later solar policy permits partial waivers for captive / OA consumers.	Up to 25% transmission and wheeling, 75% duty, 50% CSS for 5 years	Quantified discretionary	Eligible solar commissioned during policy period	State Government; AERC	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf
Solar	Connectivity and clearances	Solar policy specifies service timelines.	Connectivity 15 days; State approvals 60 days	Quantified	Eligible solar / BESS projects	APDCL; State departments	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf
Rooftop solar	Residential subsidy	State subsidy may be notified in addition to applicable Central support.	Amount not fixed in policy	Unquantified	Eligible residential consumers	Government of Assam; APDCL	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf
PSP	Land and guarantee	Dedicated PSP policy provides a long lease and project guarantee.	40-year lease; ₹5 crore BG until COD	Quantified	Allotted PSPs	APDCL; Revenue Department	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf
PSP	Water and evacuation	Policy removes water cess and supports internal evacuation.	No water cess; notified filling / replenishment rates	Quantified rule	Eligible PSPs	State Government; AEGCL	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf
Manufacturing	Solar and wind power subsidy	Manufacturing plants receive electricity-cost support.	₹1.00/kWh for 10 years	Quantified	Qualifying solar and wind manufacturing	Power Department; APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Manufacturing	Solar and wind SGST	Net State GST on product sales is reimbursed.	100% for 7 years	Quantified	Qualifying solar and wind manufacturing	State Government	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Green hydrogen	Energy charges	Policy provides long-duration charge relief for qualifying production.	100% duty and transmission / wheeling waiver up to 20 years	Quantified	Green hydrogen and derivatives	State Government; utilities	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Green hydrogen	Banking support	Eligible plants may bank unconsumed renewable power.	Up to 30 days; 50% waiver of monthly banking charge for 25 years	Quantified	Green hydrogen and derivatives	APDCL; AERC	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf

Support area	Instrument	Provision	Actual amount / rate / period	Classification	Eligible applicant / project	Responsible body	Official source / implementation note
BESS	Operating incentives	Policy supports standalone storage services.	Wheeling waived 12 years; duty waived for project life; net SGST 100% for 7 years	Quantified	Eligible BESS projects	State Government; utilities	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf
Central support	Pass-through principle	Applicable Central incentives may be extended without State financial commitment.	Scheme-specific	Variable	Eligible projects	Nodal agency; MNRE	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://pmkusum.mnre.gov.in/

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Rooftop solar | Net / EXIM settlement | Green open access | Banking | Charges | Timelines

The AERC rooftop and open-access instruments govern different transactions. The 2025 State solar policy does not displace AERC rules. AERC's 5 August 2026 interim order keeps existing rooftop processing in place while the amendment petition remains under review.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop governing rule	Existing AERC solar regulation continues to govern applications under the latest interim direction.	2019 regulation; review pending in 2026	APDCL consumers	AERC Solar PV Regulation 2019 / order 5-Aug-2026	AERC; APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf https://aerc.gov.in/orders/1786102576.pdf	Do not apply proposed restrictions until a final amendment is notified.
Rooftop capacity band	Grid-interactive systems use the existing individual-project band.	1 kWp to 1,000 kWp	Eligible consumers	AERC Solar PV Regulation 2019	APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Original rule limits consumer capacity to 80% of connected load / contract demand, subject to feasibility.
Solar-policy metering split	State policy describes net metering for small residential load and net billing for other users.	Net metering up to 10 kW residential load; net billing above / other categories	Rooftop consumers	Assam Solar Promotion Policy 2025	APDCL; AERC	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf https://aerc.gov.in/orders/1786102576.pdf	AERC's August 2026 interim direction preserves existing regulation pending review.
Deemed acceptance	Latest AERC interim direction requires operationalisation for small systems.	Up to 10 kW	Rooftop applicants	AERC interim order 5-Aug-2026	APDCL	https://aerc.gov.in/orders/1786102576.pdf	Includes automatic load enhancement direction; verify final petition outcome when updated.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Distribution hosting	Original regulation sets a cumulative network ceiling.	20% of distribution-transformer / 33-11 kV substation peak capacity	LT / HT rooftop systems	AERC Solar PV Regulation 2019	APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Licensee should publish available capacity annually.
Net-meter settlement	Imports and exports are netted and credits carry during the settlement period.	Residual annual surplus paid at approved APPC; reset after settlement	Net-metered consumer	AERC Solar PV Regulation 2019	APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Latest interim order rejected immediate cessation of surplus payments.
EXIM settlement	Imports are billed at retail tariff and exports valued at APPC.	No payment beyond exports equal to 90% of grid consumption in billing cycle	EXIM-metered consumer	AERC Solar PV Regulation 2019	APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Amount is adjusted in the monthly bill.
Group and virtual net metering	AERC issued dedicated implementation guidelines.	Guidelines dated 2024	Eligible grouped / virtual participants	AERC GNM / VNM Guidelines 2024	AERC; APDCL	https://aerc.gov.in/regulations/1726049935.pdf	Use scheme and detailed-procedure eligibility.
Solar check meter	Additional meter requirement depends on system size.	Mandatory above 20 kWp; optional at or below 20 kWp	Rooftop consumer	AERC Solar PV Regulation 2019	APDCL	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Meters must meet applicable accuracy standards.
General OA eligibility	Non-green open access threshold remains higher.	Contract demand 1 MW and above	OA consumer	AERC Open Access Regulations 2024	State nodal agency; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Green-energy threshold is separate.
Green OA eligibility	GEOA is available to single or aggregated connections.	100 kW and above; no load limit for captive green use	GEOA consumer	AERC OA Regulations 2024, First Amendment 2025	State nodal agency; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._724_aerc-883-2023-58_dated_16-10-25.pdf	Aggregation must be within the same electricity division through the lead consumer route.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA scheduling	Consumer keeps green-energy quantum stable across consecutive blocks.	Minimum 12 continuous 15-minute time blocks	GEOA consumer	AERC OA Regulations 2024, as amended	SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._724_aerc-883-2023-58_dated_16-10-25.pdf	Designed to limit sharp variation in residual demand.
Common feeder access	Dedicated and common-feeder consumers may receive OA subject to operating conditions.	Meter upgrades at applicant cost where required	OA consumer	AERC OA Regulations 2024, as amended	Licensee; STU; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._724_aerc-883-2023-58_dated_16-10-25.pdf	No compensation for unforeseen common-feeder shutdowns.
OA application timeline	Disposal time varies by term and augmentation need.	STOA generally 7 / 5 working days; green MTOA and LTOA 15 working days without augmentation	OA applicant	AERC OA Regulations 2024	Nodal agency	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Detailed procedure and completeness conditions apply.
Transmission and wheeling	Regulations apply Commission-determined charges and losses.	Rates set through current tariff orders	OA consumer	AERC OA Regulations 2024	AERC; utilities	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Policy exemptions require implementation through applicable orders / approvals.
Cross-subsidy surcharge	CSS applies with statutory exemptions and green-energy escalation protection.	No increase above 50% of base-year surcharge during 12 years	GEOA consumer	AERC OA Regulations 2024	AERC; APDCL	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Captive use, non-fossil WTE and green hydrogen / ammonia have specified exemptions.
Additional surcharge	AS applies unless the regulation's conditions or exemptions are met.	No AS where fixed charge covers GEOA quantum up to contract demand	GEOA consumer	AERC OA Regulations 2024	AERC; APDCL	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Also exempt for captive, specified WTE, offshore wind and green hydrogen / ammonia cases.
GEOA banking period	Banking is confined to each billing cycle.	No carry-forward to next cycle; unused surplus lapses	GEOA consumer	AERC OA Regulations 2024	APDCL; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Lapsed energy may qualify for RECs as specified.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA banking quantum	Regulation defines permitted banked energy by reference to direct licensee consumption.	At least 30% of monthly direct-licensee consumption	GEOA consumer	AERC OA Regulations 2024	APDCL; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Text is reproduced as notified; obtain implementation clarification if used commercially.
GEOA banking charge	Charge is settled through an in-kind deduction.	8% of energy banked	GEOA consumer	AERC OA Regulations 2024	APDCL; SLDC	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Peak / off-peak drawal rules also apply.
Evacuation feasibility	Utilities must dispose of technical-feasibility proposals.	14 days from receipt	Clean-energy developer	Assam ICE Policy 2025	AEGCL / APDCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Project connection assets and upstream work follow policy options.
Solar-policy connectivity	Specific solar policy gives a shorter connectivity service target.	15 days after requisite documents	Solar / BESS developer	Assam Solar Promotion Policy 2025	APDCL / AEGCL	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf	Subject to evacuation feasibility and technical standards.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and implementation routes relevant to Assam renewable-energy projects

Scheme amounts and windows can change. Use the linked primary source, live portal and project-specific sanction before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Assam tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; maximum ₹85,800. Special-category residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; APDCL	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816 90964295.pdf	Portal sanction and programme conditions control entitlement.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; APDCL; State agencies	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep Component-B capacity separate from grid-connected solar. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Solar parks	Solar Park / Ultra Mega Solar framework	Shared utility-scale infrastructure	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984 030227.pdf	State policy target is not itself a Central sanction.
Bioenergy	National Bioenergy Programme	Biomass, WTE and biogas	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Assam tracker use
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 30% of the lower of actual or CERC normative cost; cap ₹30 crore/project.	Quantified	MNRE; SECI; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in calls / awards	MNRE / SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	State incentives and Central awards require separate eligibility.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	State policy targets and CEA project stages are shown separately.
Transmission	Green Energy Corridor	Intra-State network strengthening for RE evacuation	Programme-specific grant / loan / equity mix	Quantified per sanction	MNRE; AEGCL; lenders	https://mnre.gov.in/en/green-energy-corridor/	Use asset-level sanction and current CEA TRA status.
State implementation	Assam power utilities	Applications, tenders, project studies and commissioning	Instrument- and project-specific	Variable	APDCL; APGCL; AEGCL	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://www.apgcl.org/storage/admin-assets/Tenders/2025-2026/Dpr%2025%20Mw%20Project%20Garukhuti/1770015271_BID%20Doc%20Cons%20Solar%20Agrivoltaic%20revised.pdf https://www.apdcl.org/website/docs/tender_2025_26/NIT-NRE-213.pdf	Use live portals for forms, corrigenda and project status.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Material figures were checked against at least two official sources where an independent comparator exists. Dates and statistical scope are retained; superseded policies and non-commissioned project stages remain clearly labelled.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 31-Aug-2026	Location-based solar, bio-power, hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf	Checked 16-Sep-2026; primary source
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Checked 16-Sep-2026; primary portal
State policy	Assam Integrated Clean Energy Policy 2025	Live targets, scope, incentives, land and governance	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf	Checked 16-Sep-2026; primary notification
Solar policy	Assam Solar Power Generation Promotion Policy 2025	Minimum target, project routes, BG, metering and solar incentives	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf	Checked 16-Sep-2026; primary notification
PSP policy	Assam PSP Generation Promotion Policy 2025	2030 / 2035 targets, allotment and PSP incentives	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf	Checked 16-Sep-2026; primary notification
Historical policy	Assam Renewable Energy Policy 2022	Superseded policy and migration context	https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._715_pel_230-2021-138_dated_13-10-22.pdf	Checked 16-Sep-2026; official Gazette
Capacity verification	Lok Sabha UQ 5461, 25-Mar-2026	State-wise RE capacity at 28-Feb-2026	https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 16-Sep-2026; primary parliamentary answer
Resource planning	CEA Assam RA Plan to 2034-35	Contracted capacity, demand, RPO and modelled additions	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	Checked 16-Sep-2026; primary source
Transmission planning	CEA Assam TRA to 2034-35	Peak demand, network baseline and expansion	https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf	Checked 16-Sep-2026; primary source
Pumped storage	CEA PSP status, 30-Apr-2026	Assam survey-stage projects	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	Checked 16-Sep-2026; primary source
Commissioned solar	PIB / Ministry of Power Dhubri release	70 MW operational project	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2214926	Checked 16-Sep-2026; primary government release

Category	Document / authority	What it verifies	Official link	Status / date checked
Project preparation	APGCL Garukhuti consultant tender	25 MW agrivoltaic PFR / DPR stage	https://www.apgcl.org/storage/admin-assets/Tenders/2025-2026/Dpr%2025%20Mw%20Project%20Garukhuti/1770015271_BID%20Doc%20Cons%20Solar%20Agrivoltaic%20revised.pdf	Checked 16-Sep-2026; primary utility tender
Rooftop tender	APDCL police housing RfS	896 kWp tender stage	https://www.apdcl.org/website/docs/tender_2025_26/NIT-NRE-213.pdf	Checked 16-Sep-2026; primary utility tender
Off-grid tender	APDCL DA-JGUA public-institution tender	8 kWp tender stage	https://www.apdcl.org/website/docs/tender_2026_27/Bid%20Documentsolar.pdf	Checked 16-Sep-2026; primary utility tender
Rooftop regulation	AERC Grid Interactive Solar PV Regulation 2019	Capacity band, settlement and metering	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf	Checked 16-Sep-2026; official Gazette copy
Rooftop current status	AERC interim order 5-Aug-2026	Continuation of existing rooftop processing	https://aerc.gov.in/orders/1786102576.pdf	Checked 16-Sep-2026; primary Commission order
Group / virtual metering	AERC GNM and VNM Guidelines 2024	Group and virtual net-metering route	https://aerc.gov.in/regulations/1726049935.pdf	Checked 16-Sep-2026; primary Commission guideline
Open access	AERC Open Access Regulations 2024	Eligibility, charges and banking	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf	Checked 16-Sep-2026; official utility-hosted copy
Open-access amendment	AERC OA First Amendment 2025	Aggregation, captive threshold and feeder conditions	https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._724_aerc-883-2023-58_dated_16-10-25.pdf	Checked 16-Sep-2026; official Gazette
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and calls	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 16-Sep-2026; primary source

Category	Document / authority	What it verifies	Official link	Status / date checked
Storage	Ministry of Power energy-storage framework	Central storage policy and VGF references	https://powermin.gov.in/en/content/energy-storage-system	Checked 16-Sep-2026; primary source
Transmission	MNRE Green Energy Corridor	Central programme framework	https://mnre.gov.in/en/green-energy-corridor/	Checked 16-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE Aug-2026 and Parliament Feb-2026	1,243.01 MW later total versus 915.58 MW earlier total	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 16-Sep-2026; dates labelled
Solar cross-check	MNRE, Parliament and Dhubri release	854.90 MW later total versus 533.47 MW earlier; 70 MW named subset	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals https://www.pib.gov.in/PressReleasePage.aspx?PRID=2214926	Checked 16-Sep-2026; subset not double counted
Policy cross-check	ICE and later sector policies	Live broad, solar-specific and PSP targets	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf	Checked 16-Sep-2026; operative periods retained
Policy status cross-check	ICE and 2022 Gazette	2022 policy expressly superseded	https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._715_pel_230-2021-138_dated_13-10-22.pdf	Checked 16-Sep-2026; legal status separated
PSP cross-check	Dedicated policy, CEA status and CEA TRA	Targets versus survey-stage projects and planning input	https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_psp_generation_promotion_policy_2025.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf	Checked 16-Sep-2026; stages preserved

Category	Document / authority	What it verifies	Official link	Status / date checked
Rooftop cross-check	AERC regulation, current order and solar policy	Existing rule versus State-policy direction	https://aerc.assam.gov.in/sites/default/files/swf_utility_folder/departments/aerc_power_uneecopscloud_com_oid_23/this_comm/6_august-19_no-aerc_608-2017-65_.p65_-_1671255512.pdf https://aerc.gov.in/orders/1786102576.pdf https://power.assam.gov.in/sites/default/files/swf_utility_folder/departments/power_com_oid_5/menu/right_menu/right_menu/assam_solar_power_generation_promotion_policy_2025-_notification_1.pdf	Checked 16-Sep-2026; regulatory hierarchy noted
Open-access cross-check	AERC principal regulation and amendment	100 kW GEOA threshold, aggregation and banking	https://www.aegcl.co.in/wp-content/uploads/2025/05/Open-access-regulation-2024.pdf https://dpns.assam.gov.in/sites/default/files/swf_utility_folder/departments/directorate_printing_uneecopscloud_com_oid_3/menu/document/no._724_aerc-883-2023-58_dated_16-10-25.pdf	Checked 16-Sep-2026; current package
Planning cross-check	CEA RA and CEA TRA	Contracted-resource model versus network plan	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf https://cea.nic.in/wp-content/uploads/2025/09/Assam-TRA-2034-35-August-2025.pdf	Checked 16-Sep-2026; statistical scopes separated
Review convention	No capacity-stage aggregation	Targets, model results, tenders, studies and commissioned capacity remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.apdcl.org/website/docs/acts_and_rules/Assam_%20ICEP_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/12/Report_on_Resource_Adequacy_Plan_for_Assam_Up_to_2034_35.pdf	Checked 16-Sep-2026; applied throughout

Bihar Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 17 October 2026

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Synopsis

Bihar Renewable Energy: Policy and Investment Synopsis

Bihar's renewable-energy framework is led by the 2025 policy for promotion of new and renewable energy, with separate policies for pumped storage and green hydrogen. The figures below distinguish installed capacity from policy targets and projects still at tender, planning or survey stage.

1. Policy Overview

- The 2025 renewable-energy policy supersedes the 2017 policy; the Bihar Green Hydrogen Policy was issued in October 2026.
- At 30 September 2026, Bihar had 788.16 MW of installed renewable capacity, including 572.24 MW of solar.

2. Major Commitments and Projections

- The State targets 23,968 MW of renewable capacity by FY 2029–30: 21,653 MW utility-scale, 1,975 MW distributed on-grid and 340 MW off-grid.
- Solar targets include 18,448 MW of ground-mounted projects, 900 MW of solar parks and 500 MW of rooftop solar. The policy also sets targets for floating, elevated, agrivoltaic and canal solar.
- The storage target is 6,100 MWh by FY 2029–30: 4,500 MWh of grid batteries and 1,600 MWh of pumped storage. Other targets include 250 MW wind, 700 MW biomass, 225 MW waste-to-energy and 250 MW small hydro.

3. Investment Framework

- The State has approved ₹1,000 crore in additional assistance for residential consumers under PM Surya Ghar and sanctioned ₹49.42 crore for FY 2026–27. The individual assistance terms are governed by the State resolution.
- Eligible in-State renewable-energy consumption receives a 15-year electricity-duty exemption and 15-year transmission and wheeling-charge relief. Qualifying renewable projects with storage sold within Bihar receive 20-year transmission and wheeling relief.
- The policy reimburses eligible land-conversion fees, stamp duty and registration charges after commercial production. Utilities bear approved evacuation costs up to 10 km; costs beyond that are shared equally with the developer.

4. Principal Implications

- Several benefits are reimbursements after commercial production, so they reduce project costs over time rather than funding initial construction.
- Charge relief depends on the consumption and sale structure; the 20-year storage-linked concession is for qualifying in-State sales, not every storage project.

5. Investment Outlook

- BREDA has issued and extended an EOI to empanel developers for 500 MW of government-building rooftop solar under the RESCO model. This is a procurement route, not commissioned capacity.
- At Kajra, Phase I is listed at 185 MW AC with 254 MWh of storage, with no COD reported on the project dashboard. CEA lists Phase II at 116 MW and 241 MWh as planned. These project stages remain distinct from the State's storage target.
- The 23,968 MW target creates scope for future procurement and development; it does not establish an awarded pipeline.

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Overview

Bihar Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Updated and verified 17 October 2026

Read definitions carefully. MNRE figures are capacity physically located in Bihar. Policy targets, project dashboards, planning-model inputs, awards and survey stages are not treated as commissioned capacity. MW and MWh are kept separate. Monetary support remains subject to eligibility, approval and operative orders.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Bihar	788.16	23,968 MW by FY 2029-30	Quantified current and policy target (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals
Solar—total physically installed	572.24	Policy has technology-specific utility, distributed and off-grid targets	Quantified current; target disaggregated (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://sansad.in/getFile/loksabhaquestions/annex/186/AU2777_xKVxpz.pdf?source=pqals
Solar—ground mounted	302.16	18,448 MW other ground-mounted plus 900 MW solar parks	Quantified current and targets (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf
Solar—rooftop	248.80	500 MW distributed rooftop solar	Quantified current and target (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf
Solar—off-grid / PM-KUSUM-B	21.28	340 MW total off-grid RE, including 180 MW stand-alone pumps	Quantified current; broader target (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://pmkusum.mnre.gov.in/
Bio-power physically installed	145.22	340 MW utility biomass; 360 MW distributed biomass; 225 MW WTE	Quantified current and targets (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Small hydro physically installed	70.70	250 MW distributed small hydro	Quantified current and target (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf
Wind physically installed	0.00	250 MW combined utility and distributed wind	Quantified current and target (installed capacity as of 30-Sep-2026)	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf
Energy-storage target	No statewide operating BESS total identified	6,100 MWh by FY 2029-30	Quantified target; baseline not established	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf
Pumped-storage pipeline	No operational Bihar PSP in CEA list	1,600 MWh policy target; Gosaintri 1,200 MW under S&I	Target and staged pipeline; units differ	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf
Capacity available to Bihar utilities	7,685.25	CEA planning baseline including State, private and Central allocations	Quantified; statistical scope differs	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf
Electricity peak demand	8,078 MW in FY 2024-25	18,708 MW projected in FY 2034-35	Quantified actual and projection	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Bihar tracker

These rules control comparisons among installed capacity, policy targets, projects, planning inputs and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Bihar. MNRE state-wise capacity is used for this measure.
Available / allocated capacity	CEA capacity available to Bihar through State, private and Central-sector utilities and allocations. It is a different statistical series.
Policy target	A Government of Bihar goal. It is not treated as commissioned, awarded or financed capacity.
Commissioned	A project reported in commercial operation. Commissioned subsets are not added again to the later MNRE total.
Project dashboard	An implementing-agency status page. Capacity remains at the stated development stage until commissioning evidence is located.
Under construction	Physical works are reported in progress. The quantity remains outside operational capacity.
S&I / DPR	Survey and investigation / Detailed Project Report. Neither is operational capacity.
SHP	Small hydro project. MNRE reporting uses projects up to 25 MW.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power and MWh measures stored energy.
PSP	Pumped Storage Project. CEA stage classifications control the pipeline description.
GEOA	Green Energy Open Access under the BERC 2024 framework.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Exemptions require the stated transaction conditions.
Net metering	Import and export are netted under BERC settlement rules.
Gross metering	All generation is separately measured and purchased at the applicable approved tariff.
COD	Commercial Operation Date. Several incentives start from COD or commercial production.
MU	Million units of electricity, equal to million kWh.
FY	Financial year ending 31 March.

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Policy Tracker

Policy and Implementation Tracker

Targets | Technologies | Projects | Storage | Grid | Delivery

Current capacity, policy targets and project stages remain separate. Every material numeric claim links to an official source and the implementation note records scope or dependency.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Cross-sector	State RE target	Scale utility, distributed and off-grid renewable capacity.	Bihar RE Policy 2025	Quantified	23,968 MW by FY 2029-30	Technology-specific facilitation and incentives.	Registration, approvals, connectivity and COD	BREDA; BHPC; BSPGCL; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://acrms.bsphcl.co.in/Downloads/REPolicy25.pdf	21,653 MW utility, 1,975 MW distributed on-grid and 340 MW off-grid.
Cross-sector	Annual RE trajectory	Policy distributes additions across five financial years.	Bihar RE Policy 2025	Quantified	3,297; 4,134; 4,854; 5,481; 6,202 MW from FY25-26 to FY29-30	Implementation planning.	Annual programme and project delivery	State nodal agencies	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Technology allocations may be interchanged while retaining the annual total.
Cross-sector	Operative period	Policy supersedes the 2017 policy and remains operative for five years.	Bihar RE Policy 2025	Quantified period	Five years from issue, or until a new policy	Eligible incentives may continue up to 25 years or project life, subject to specific terms.	Commission during operative period	State Government; nodal agencies	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Incentive-specific periods prevail.
Cross-sector	Eligibility	Companies, firms, cooperatives, societies, start-ups, public bodies, consumers and individuals may participate.	Bihar RE Policy 2025	Unquantified	Sale, captive, RESCO, CAPEX and hybrid routes	Eligibility gateway only.	Application through nodal agency / single window	BREDA; BHPC; BSPGCL	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Technology and project-size responsibilities differ.
Cross-sector	Single window	Time-bound State clearances through a coordinated mechanism.	Bihar RE Policy 2025	Quantified	60 days	Process facilitation.	Complete application and departmental review	Nodal agency; line departments	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Not a waiver of statutory approvals.
Cross-sector	Current physical portfolio	MNRE reports Bihar's location-based renewable portfolio.	MNRE physical progress	Quantified current	788.16 MW at 30-Sep-2026	Scheme-specific.	MNRE reporting and State implementation	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Up from 646.26 MW at 28-Feb-2026 in Parliament's table.
Solar	Current solar portfolio	MNRE separates ground, rooftop and off-grid components.	MNRE physical progress	Quantified current	572.24 MW at 30-Sep-2026	Scheme and transaction specific.	Reporting and commissioning	MNRE; BREDA; Discoms	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/186/AU2777_xKVxpz.pdf?source=pqals	Parliament reported 435.34 MW at 30-Nov-2025.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Solar	Ground-mounted target	Large projects outside named special categories.	Bihar RE Policy 2025	Quantified	18,448 MW, projects at least 0.5 MW	Policy incentives subject to conditions.	Land, connectivity, approval and COD	BREDA; BSPGCL; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Target is not awarded capacity.
Solar	Solar parks	Develop shared-infrastructure parks.	Bihar RE Policy 2025	Quantified	900 MW, parks at least 20 MW	Project-specific.	Park sanction, land, tender and COD	BREDA; BSPGCL	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/	Keep park target separate from commissioned capacity.
Solar	Elevated solar over ponds	Deploy solar structures above water bodies.	Bihar RE Policy 2025	Quantified	400 MW, projects at least 0.5 MW	Policy incentives subject to approvals.	Site rights, design, connectivity and COD	BREDA; local bodies	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Distinct from floating solar.
Solar	Floating solar	Develop floating systems on suitable reservoirs and water bodies.	Bihar RE Policy 2025	Quantified	495 MW, projects at least 0.5 MW	Project-specific.	Water-body rights, tender, connectivity and COD	BSPGCL; BREDA	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Target is not a procurement award.
Solar	Agrivoltaic	Combine generation with agricultural land use.	Bihar RE Policy 2025	Quantified	390 MW, projects at least 0.5 MW	Policy incentives subject to conditions.	Land-use design, farmer arrangements and COD	BREDA; Agriculture Department	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Agrivoltaic target differs from small agriculture solar.
Solar	Canal top and bank	Use canals and dams for solar deployment.	Bihar RE Policy 2025	Quantified	250 MW, projects at least 0.5 MW	Project-specific.	Water-resource consent, tender and COD	BSPGCL; Water Resources Department	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	BSPGCL is an identified implementing agency.
Solar + storage	Kajra Phase I	BSPGCL dashboard project in Lakhisarai.	BSPGCL project dashboard; CEA TRA	Quantified project	185 MW AC plus 254 MWh BESS	Project-specific.	Construction, evacuation and COD	BSPGCL; contractor; utilities	https://bspgcl.co.in/Projects/Kajra_Project.aspx https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	BSPGCL dashboard lists 185 MW AC + 254 MWh BESS and ₹1,573 crore cost. Dashboard page updated 21-Jan-2025; its latest dated status (21-Nov-2024) reports boundary-wall work and panel delivery, with pile testing in progress. No COD is shown.
Solar + storage	Kajra Phase II	CEA planning document lists a second phase.	CEA Bihar TRA	Quantified planned project	116 MW plus 241 MWh BESS	Project-specific.	Procurement, construction, evacuation and COD	BSPGCL; utilities	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Together the two planning entries equal 301 MW and 495 MWh.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Solar	Rooftop target	Expand distributed rooftop systems.	Bihar RE Policy 2025	Quantified	500 MW; systems at least 1 kW	State and Central routes may apply.	Feasibility, metering and commissioning	BREDA; Discoms; BERC	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf https://www.breda.co.in/livetender.aspx https://www.breda.co.in/Uploads/NoticeBoard/tender%20extension%2001.10.2026.pdf	MNRE reports 248.80 MW at 30-Sep-2026. BREDA issued an EoI on 01-Oct-2026 to empanel SPDs for 500 MW of government-building rooftop solar under RESCO; an extension notice is posted.
Solar	Other distributed solar	Distributed grid-connected solar outside named rooftop and agriculture categories.	Bihar RE Policy 2025	Quantified	270 MW	Project-specific.	Approvals, connectivity and COD	BREDA; Discoms	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Category boundary should be confirmed before counting.
Solar	Agriculture solar	Smaller grid-connected agricultural solar projects.	Bihar RE Policy 2025	Quantified	500 MW, projects below 0.5 MW	Scheme-specific.	Scheme sanction, feeder / pump route and COD	BREDA; Discoms; Agriculture Department	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://pmkusum.mnre.gov.in/	Separate from the 390 MW agrivoltaic target.
Off-grid	Off-grid portfolio	Mini-grids, DRE and stand-alone pumps.	Bihar RE Policy 2025	Quantified	340 MW total: 50 MW mini/micro grids, 110 MW DRE solar, 180 MW pumps	Technology-specific.	Scheme sanction and commissioning	BREDA; implementing agencies	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://pmkusum.mnre.gov.in/	MNRE's 21.28 MW off-grid solar figure is a narrower current series.
Wind	Wind targets	Develop utility and distributed wind.	Bihar RE Policy 2025	Quantified	200 MW utility plus 50 MW distributed	Policy incentives subject to resource and approvals.	Resource assessment, land, connectivity and COD	BREDA; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	MNRE reports no installed wind at 30-Sep-2026.
Bioenergy	Current portfolio	MNRE reports biomass and waste-to-energy components.	MNRE physical progress	Quantified current	145.22 MW at 30-Sep-2026	Technology-specific.	Feedstock, approvals, offtake and COD	BREDA; local bodies; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://mnre.gov.in/en/bio-energy-overview/	112.50 MW bagasse, 31.40 MW non-bagasse and 1.32 MW off-grid WTE.
Bioenergy	Biomass targets	Develop utility and distributed biomass.	Bihar RE Policy 2025	Quantified	340 MW utility plus 360 MW distributed	Policy and Central support subject to conditions.	Feedstock plan, consent, connectivity and COD	BREDA; BSPGCL	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://mnre.gov.in/en/bio-energy-overview/	Utility threshold is at least 0.5 MW.
Waste-to-energy	WTE targets	Develop municipal and other eligible waste-based generation.	Bihar RE Policy 2025	Quantified	180 MW utility plus 45 MW distributed	Technology- and concession-specific.	Waste concession, consent, offtake and COD	Urban bodies; BREDA; BSPGCL	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	MNRE reports 1.32 MW off-grid WTE and zero grid WTE at 30-Sep-2026.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Small hydro	Current and target	Develop projects below 25 MW.	MNRE physical progress; Bihar RE Policy 2025	Quantified	70.70 MW at 30-Sep-2026	No free power or LADF during policy period.	Site award, approvals, connectivity and COD	BHPC; BREDA; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://nrep.mnre.gov.in/guidelines-shp	Current and target are not additive.
Storage	State storage target	Build PSP and grid-level batteries.	Bihar RE Policy 2025	Quantified	6,100 MWh by FY 2029-30	Storage and renewable-project incentives subject to conditions.	Project sanction, procurement and COD	BSPGCL; utilities; BERC	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	1,600 MWh PSP and 4,500 MWh grid battery.
Storage	Annual trajectory	Policy distributes storage additions across five years.	Bihar RE Policy 2025	Quantified	600; 700; 1,300; 1,400; 2,100 MWh	Implementation planning.	Annual procurement and project delivery	BSPGCL; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Totals 6,100 MWh.
BESS	Named project pipeline	CEA lists Kajra phases and Muzaffarpur BESS.	CEA Bihar TRA	Quantified planned projects	Kajra 495 MWh combined; Muzaffarpur 80 MWh	Project-specific.	Procurement, construction and COD	BSPGCL; utilities	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf https://bspgcl.co.in/Projects/Kajra_Project.aspx	Planning entries do not establish commissioning.
PSP	Gosaintri project	CEA lists an off-stream closed-loop PSP under survey and investigation.	CEA PSP status Aug-2026	Quantified pipeline	1,200 MW in Nawada	Project-specific.	S&I, DPR, concurrence, construction and COD	Sun Hydro; CEA; State agencies	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	MW project rating is not comparable with the policy's MWh target.
Geothermal	Utility target	Policy creates a geothermal category.	Bihar RE Policy 2025	Quantified	50 MW, projects at least 5 MW	Project-specific.	Resource proof, approvals and COD	BREDA; relevant departments	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Exploration stage is not installed capacity.
Green hydrogen	New-energy coverage	Bihar Green Hydrogen Policy 2026 issued through Resolution 04 on 08-Oct-2026.	Bihar Green Hydrogen Policy 2026 (Resolution 04, 08-Oct-2026)	Unquantified	Policy issued 08-Oct-2026; see Resolution 04 for operative provisions.	State facilitation plus Central mission routes.	Project approval, power sourcing and commissioning	BREDA; industries; MNRE	https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1832 https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Bihar Green Hydrogen Policy 2026 is a later State instrument. Its detailed targets and incentives are recorded only from the Resolution 04 text.
EV charging	Charging infrastructure	Policy links renewable supply with EV charging rollout.	Bihar RE Policy 2025	Quantified eligibility	First 1,000 stations or 50 MW, whichever is higher, within five years	Government land and network-charge concessions subject to conditions.	Land allotment, connection and commissioning	BREDA; transport; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	See Financial Support for concession terms.
Grid	Open access	Eligible projects receive intra-State open-access facilitation.	Bihar RE Policy 2025; BERC GEOA 2024	Quantified period	Project tenure or 25 years, whichever earlier	100% specified network-charge relief for qualifying in-State consumption.	Application and regulatory compliance	BERC; State nodal agency; utilities	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Policy states decision within 30 days; GEOA regulation states 15 days for its applications.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Grid	Must-run and compensation	Renewable projects receive must-run treatment subject to grid security.	Bihar RE Policy 2025	Quantified formula	100% × monthly average hourly generation × backdown hours × PPA tariff	Compensation subject to policy thresholds and exclusions.	Metered backdown evidence and claim	SLDC; Discoms; generator	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Formula does not guarantee payment for every curtailment event.
Grid	Evacuation support	Utility funds connecting infrastructure near the project.	Bihar RE Policy 2025	Quantified distance	Utility bears cost up to 10 km; beyond 10 km cost is shared equally	Infrastructure support.	Technical feasibility and approved scope	STU; Discom; developer	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	No rejection solely for absent evacuation capacity; augmentation remains necessary.
Cross-sector	BRDF	Renewable development fund supports incentives, R&D, start-ups and capacity building.	Bihar RE Policy 2025	Quantified contribution	1 paisa per unit from in-State RE generators, plus listed funding sources	Programme fund, not direct automatic grant.	Fund governance and approved use	State Government; nodal agencies	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Application fees, penalties, budgets and CSR may also contribute.
Grid	Transmission baseline	CEA records Bihar's March-2025 intra-State network.	CEA Bihar TRA	Quantified current	20,922 ckm and 36,260 MVA	Network planning.	Utility asset programme	BSPTCL; CEA	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Network measures are not generation capacity.
Grid	Transmission expansion	CEA identifies additions through FY 2034-35.	CEA Bihar TRA	Quantified plan	23,430 MVA; 5,422 ckm new lines; 459 ckm reconductoring; ₹12,869.2 crore	Planning estimate.	Sanction, procurement, execution and commissioning	BSPTCL; CEA	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Verify asset-level status before reliance.
Demand	Peak-demand outlook	CEA projects substantial load growth.	CEA Bihar TRA	Quantified	8,078 MW FY24-25 to 18,708 MW FY34-35	Planning projection.	Resource and network planning	CEA; Bihar utilities	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Demand is not installed capacity.

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Financial Support

Financial Support and Incentives

State fiscal support | Network relief | Land | Banking | EV charging | Grid connection

Benefits are conditional. Confirm registration, transaction structure, land category, COD, approvals, BERC implementation, reimbursement procedure and no-double-benefit rules before financial reliance.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Captive / OA consumer	Electricity-duty exemption	Eligible in-State RE consumption	100% for 15 years from COD	Quantified	Qualifying captive / OA consumption	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Reimbursed through concerned utility; metering and eligibility evidence required.
RE projects and EV charging	SGST reimbursement	Materials used for eligible projects	100% for 5 years	Quantified	Subject to GST Council recommendation and departmental process	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Not available merely by policy citation; confirm operative procedure.
Project land	Stamp duty and registration	First lease, sale or transfer of industrial land / shed outside BIADA	100% reimbursement	Quantified	After commercial production; first transaction only	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Document location and transaction sequence.
Project land	Land-conversion fee	Change-of-use / conversion charge	100% reimbursement	Quantified	After commercial production	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Statutory land approvals still apply.
In-State RE consumption	Transmission and wheeling	Power consumed within Bihar	100% exemption for 15 years	Quantified	Eligible RE and intra-State consumption	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Losses still apply; subject to BERC terms.
RE with storage	Transmission and wheeling	Grid-connected RE with storage sold within Bihar	100% exemption for 20 years	Quantified	Qualifying storage-linked in-State sale	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Confirm storage definition and transaction structure.
Captive / OA consumer	STU charges	Power sourced from eligible in-State RE	Exemption subject to BERC	Quantified treatment	Qualifying captive / OA transaction	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Use live BERC orders for implementation.
Eligible generator	Banking	Banking throughout the year	100% permitted in all 12 months	Quantified	Charges and other terms under BERC	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	BERC cycle, charge and time-block rules still apply.
Small hydro	Free power and LADF	State concessions during operative period	No free power and no LADF	Quantified relief	Eligible SHP commissioned under policy	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Other taxes and approvals remain.
EV charging	Government land	Land for early charging stations	50% concessional rate	Quantified	First 1,000 stations or 50 MW, whichever higher, within five years	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Subject to availability and allotment rules.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
EV charging	Transmission and wheeling	Power supplied to eligible charging infrastructure	100% exemption for 25 years	Quantified	From establishment of eligible station	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Confirm supply arrangement and BERC implementation.
RE generator	Carbon credits	Environmental-credit proceeds	100% retained by generator	Quantified	Eligible generator	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Revenue depends on registration and market rules.
Grid connection	Evacuation within 10 km	Line, metering and protection infrastructure	100% utility cost	Quantified	Approved connection up to 10 km	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Technical feasibility due within 30 days.
Grid connection	Evacuation beyond 10 km	Incremental connecting infrastructure	50% developer / 50% utility	Quantified	Approved length beyond 10 km	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Define cost boundary in the connection agreement.
Identified resource site	Evacuation infrastructure	Megawatt-scale site identified by nodal agency	100% State cost	Quantified	Officially identified site	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Site identification must be evidenced.
Curtailment claim	Minimum-generation compensation	Eligible backdown under policy formula	100% × average hourly generation × backdown hours × PPA tariff	Quantified	Thresholds, metering and exclusions apply	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Not payable automatically for grid-security or excluded events.
Commercial project	Application processing fee	Fee bands by proposed capacity	₹1,000 <10 kW; ₹2,000 10–<100; ₹5,000 100–<500; ₹10,000 500–<1,000; ₹50,000/MW at ≥1 MW, cap ₹5 lakh	Quantified fee	Commercial projects	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Confirm capacity band and current payment instructions.
RE ecosystem	BRDF support	Incentives, R&D, start-ups and capacity building	Funded partly by 1 paisa/unit generator contribution	Quantified funding input	Approved BRDF programme	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Contribution is not an automatic applicant grant.
Manufacturing / industry	Industry status	RE projects receive deemed industry status	Treatment under Bihar Industrial Policy	Unquantified	Meet applicable industrial-policy conditions	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Check the live industrial-policy package for monetary values.
Residential PM Surya Ghar consumers	Additional State financial assistance	State support in addition to the Central PM Surya Ghar assistance	₹1,000 crore aggregate administrative and expenditure approval (Resolution 03, 14-Aug-2026)	Quantified programme outlay	Residential consumers under PM Surya Ghar; individual assistance subject to Resolution 03	https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1832 https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1792	Energy Department Memo No. 84 sanctioned ₹49.42 crore for FY 2026-27 on 21-Sep-2026.

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Grid & Metering

Grid, Open Access and Metering

Net | Gross | Green open access | Banking | Charges | Settlement

The 2018 rooftop regulation and 2024 green-open-access regulation govern different transaction structures. Verify later orders where provisions interact, especially rooftop third-party sale.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop eligibility	Consumer-premises solar under net or gross metering.	Minimum 1 kWp; maximum sanctioned load / contract demand	All eligible consumers	BERC Rooftop Regulations 2018	Distribution licensee; BERC	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	No explicit 1 MW ceiling was located in the final 2018 text.
Application order	Capacity is processed on first-come, first-served basis.	Queue-based	Eligible applicants	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Distribution hosting capacity remains relevant.
Net metering	Export offsets import during the settlement period.	Annual settlement cycle	Net-metered prosumer	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Surplus carries within the settlement period.
Gross metering	All injection is purchased under the approved feed-in tariff.	Tariff for relevant year	Gross-metered prosumer	BERC Rooftop Regulations 2018	Distribution licensee; BERC	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Separate service line is at consumer cost.
Mutual exclusion	A net-metered consumer cannot use gross metering and vice versa.	One arrangement	Participating consumer	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Select the route before application.
Banking exclusion	Rooftop energy under net or gross metering cannot use separate banking.	No banking	Rooftop prosumer	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Settlement carry-forward is distinct from OA banking.
Annual net-meter quota	Each Discom has an annual cumulative net-metering ceiling.	100 MW per year	Net-metered applications	BERC Rooftop Regulations 2018	Distribution licensee; BERC	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Check the live queue and subsequent orders.
Transformer hosting	Cumulative rooftop capacity is constrained by transformer rating.	Up to 80% of DT rating	Rooftop systems	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Technical study may still be necessary.
Year-end surplus	Unadjusted net-meter credits expire after settlement.	No payment and no carry-forward	Net-metered prosumer	BERC Rooftop Regulations 2018	Distribution licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Do not value year-end surplus as receivable.
Rooftop OA treatment	The 2018 regulation states charge exemptions for eligible rooftop third-party / captive sale.	Banking, wheeling and CSS exemption	Qualifying rooftop transaction	BERC Rooftop Regulations 2018	BERC; licensee	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Verify interaction with the later GEOA framework before execution.
Green OA eligibility	Open access threshold applies per connection or aggregation in one electricity division.	100 kW or more; no capacity restriction for qualifying captive RE	Green OA consumer	BERC GEOA Regulations 2024	State nodal agency; BERC	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Meet connectivity and captive rules.
Application decision	State nodal agency must decide a complete application promptly.	15 days; deemed approval subject to technical requirements	Green OA applicant	BERC GEOA Regulations 2024	State nodal agency	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Technical compliance remains mandatory.
Scheduling blocks	OA is fixed for consecutive time blocks.	At least 12 consecutive 15-minute blocks per day	Green OA consumer	BERC GEOA Regulations 2024	SLDC; nodal agency	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Quantum is locked for the approved period.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Charge stack	Network and system charges may apply.	Transmission, wheeling, CSS, AS, standby, banking, application, SLDC, scheduling, DSM and reactive	Green OA consumer	BERC GEOA Regulations 2024	BERC; SLDC; utilities	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Use live tariff and OA orders for rupee rates.
CSS cap and exemptions	CSS is capped and specified transactions are exempt.	Cap 20% of category ACoS; exemptions for qualifying captive, non-fossil WTE and green hydrogen / ammonia	Qualifying GEOA transactions	BERC GEOA Regulations 2024	BERC; Discom	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Twelve-year escalation protection also applies as specified.
Additional surcharge	AS is waived for listed transactions.	Exempt where fixed charges paid and for qualifying captive, non-fossil WTE, green H2 / ammonia and specified offshore wind	Qualifying GEOA transactions	BERC GEOA Regulations 2024	BERC; Discom	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Transaction facts must be evidenced.
Standby charge	Temporary Discom standby is priced above normal energy charge.	125%; waived with timely day-ahead notice	Green OA consumer	BERC GEOA Regulations 2024	Discom; SLDC	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Notice must meet the regulation's DAM deadline.
Banking cycle	Banking spans two consecutive financial quarters.	Two quarters including commencement quarter	Eligible GEOA consumer	BERC GEOA Regulations 2024	Discom; SLDC	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	No carry to the next cycle.
Banking charge	Energy is deducted in kind.	8% of banked energy	Eligible GEOA consumer	BERC GEOA Regulations 2024	Discom	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Apply under the approved accounting method.
Time-of-day banking	Seasonal drawal rules differ.	Nov–Mar any slot; Apr–Oct off-peak / normal drawal, no peak drawal	Eligible GEOA consumer	BERC GEOA Regulations 2024	Discom; SLDC	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Schedule in 15-minute blocks.
Permitted banking	Minimum banking availability is linked to Discom consumption.	At least 30% of monthly Discom consumption during cycle	Eligible GEOA consumer	BERC GEOA Regulations 2024	Discom	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Exclude third-party and captive OA energy from the denominator as specified.
Unused bank and scheduling	Unused energy lapses and scheduling approval attracts a daily charge.	No cycle carry; ₹2,000 per day / approval	Eligible GEOA consumer	BERC GEOA Regulations 2024	SLDC; Discom	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Generator may claim REC for lapsed energy subject to national rules.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and implementation routes relevant to Bihar renewable-energy projects

Scheme amounts and windows can change. Use the linked primary source, live portal and project-specific sanction before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Bihar tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; Bihar Discoms	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Portal sanction and programme conditions control entitlement.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; State agencies; Discoms	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep Component-B capacity separate from grid-connected solar. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Solar parks	Solar Park / Ultra Mega Solar framework	Shared utility-scale infrastructure	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Bihar's 900 MW policy target is not itself a Central sanction.
Bioenergy	National Bioenergy Programme	Biomass, WTE and biogas	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Bihar tracker use
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. International-border districts: 30%, cap ₹30 crore/project; other locations: 20%, cap ₹20 crore/project. Lower of actual or CERC normative cost.	Quantified	MNRE; SECI; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in calls / awards	MNRE / SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	Bihar policy eligibility is not a Central award.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Keep MW and MWh separate.
Transmission	Green Energy Corridor	Intra-State network strengthening for RE evacuation	Programme-specific grant / loan / equity mix	Quantified per sanction	MNRE; BSPTCL; lenders	https://mnre.gov.in/en/green-energy-corridor/	Use asset-level sanction and status.
State implementation	BREDA and Bihar utilities	Applications, notices, procurement and commissioning	Instrument- and project-specific	Variable	BREDA; BSPGCL; Discoms	https://breda.co.in/ https://bspgcl.co.in/	Use live portals for forms and current project status.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Material figures were checked against at least two sources where an independent comparator exists. Dates, ownership and statistical scope can differ; the tracker preserves those differences.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, bio-power, small hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 17-Oct-2026; primary MNRE source, Bihar row
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Checked 16-Sep-2026; primary portal
State policy	Bihar Renewable Energy Policy 2025	Targets, eligibility, incentives, grid support and governance	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Checked 16-Sep-2026; official BREDA copy
State policy	Bihar Renewable Energy Policy 2025—BSPHCL copy	Independent official-host copy	https://acrms.bsphcl.co.in/Downloads/REPolicy25.pdf	Checked 16-Sep-2026; official utility copy
Capacity verification	Lok Sabha UQ 5461, 25-Mar-2026	State-wise RE capacity at 28-Feb-2026	https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 16-Sep-2026; primary parliamentary answer
Solar verification	Lok Sabha UQ 2777, 17-Dec-2025	State-wise solar capacity at 30-Nov-2025	https://sansad.in/getFile/loksabhaquestions/annex/186/AU2777_xKVxpz.pdf?source=pqals	Checked 16-Sep-2026; primary parliamentary answer
Transmission planning	CEA Bihar TRA up to 2034-35	Demand, network baseline, additions and named projects	https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Checked 16-Sep-2026; primary source
Pumped storage	CEA PSP status, Aug-2026	Operational status and Gosaintri S&I stage	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Checked 16-Sep-2026; primary source
Kajra project	BSPGCL Kajra dashboard	Phase-I capacity, storage, cost and dashboard dates	https://bspgcl.co.in/Projects/Kajra_Project.aspx	Checked 17-Oct-2026; BSPGCL dashboard; latest displayed update 21-Jan-2025
Green open access	BERC GEOA Regulations 2024	Eligibility, charges, exemptions and banking	https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Checked 17-Oct-2026; final regulation, Gazette 23-Dec-2024
Green open access	BERC consolidated-regulation page	Official publication route	https://berc.co.in/hi/rules-regulations/regulations/consolidated-regulations/3099-berc-green-energy-open-access-regulations-2024	Checked 16-Sep-2026; Commission portal
Rooftop	BERC Rooftop Solar Regulations 2018	Net / gross metering and settlement	https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Checked 17-Oct-2026; final regulation, Gazette 03-Apr-2018
Rooftop	BERC regulation page	Official publication route	https://berc.co.in/rules-regulations/regulations/individual-regulation/1461-rooftop-solar-grid-interactive-systems-based-on-net-and-gross-metering-regulations-2018	Checked 16-Sep-2026; Commission portal

Category	Document / authority	What it verifies	Official link	Status / date checked
State nodal agency	BREDA portal	Policy, applications and implementation route	https://breda.co.in/	Checked 16-Sep-2026; primary agency portal
Generation utility	BSPGCL portal	Project implementation and dashboards	https://bspgcl.co.in/	Checked 16-Sep-2026; primary utility portal
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and calls	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 16-Sep-2026; primary source
Storage	Ministry of Power energy-storage framework	Central storage policy and VGF references	https://powermin.gov.in/en/content/energy-storage-system	Checked 16-Sep-2026; primary source
Transmission	MNRE Green Energy Corridor	Central programme framework	https://mnre.gov.in/en/green-energy-corridor/	Checked 16-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE Sep-2026 and Parliament Feb-2026	788.16 MW later total versus 646.26 MW earlier total	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 17-Oct-2026; dates labelled; primary sources
Solar cross-check	MNRE Sep-2026 and Parliament Nov-2025	572.24 MW later solar versus 435.34 MW earlier solar	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/186/AU2777_xKVxpz.pdf?source=pqals	Checked 17-Oct-2026; dates labelled; primary sources
Policy cross-check	BREDA and BSPHCL copies	Targets and incentive wording	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://acrms.bsphcl.co.in/Downloads/REPolicy25.pdf	Checked 16-Sep-2026; matching official copies

Category	Document / authority	What it verifies	Official link	Status / date checked
Kajra cross-check	BSPGCL dashboard and CEA TRA	Phase-I capacity / BESS and broader two-phase planning	https://bspgcl.co.in/Projects/Kajra_Project.aspx https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Checked 16-Sep-2026; project stage preserved
PSP cross-check	Policy and CEA PSP status	1,600 MWh target versus 1,200 MW S&I project	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Checked 16-Sep-2026; units and stages separated
Open-access cross-check	Policy and BERC GEOA regulation	Policy incentives versus regulatory eligibility and banking	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Consolidated-Regl/1217_2_2024.pdf	Checked 16-Sep-2026; instruments applied by scope
Rooftop cross-check	Policy and BERC 2018 regulation	500 MW target versus operative metering rules	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://berc.co.in/images/pdf/Regulation/rooftop-solar-gazet.pdf	Checked 16-Sep-2026; target and rules separated
Storage cross-check	Policy, CEA TRA and BSPGCL dashboard	State target versus Kajra planning / dashboard entries	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf https://bspgcl.co.in/Projects/Kajra_Project.aspx	Checked 16-Sep-2026; no commissioning inferred
Grid cross-check	Policy and CEA TRA	Project-level evacuation support versus system plan	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Checked 16-Sep-2026; scopes separated
Bioenergy cross-check	MNRE capacity and State targets	145.22 MW current versus technology targets	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf	Checked 16-Sep-2026; current and target separated
Small hydro cross-check	MNRE capacity, State policy and central scheme	70.70 MW current, 250 MW target and conditional CFA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://nrep.mnre.gov.in/guidelines-shp	Checked 16-Sep-2026; scopes separated
Review convention	No capacity-stage aggregation	Targets, dashboard projects, S&I, planning inputs and commissioned figures remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf	Checked 16-Sep-2026; applied throughout
Review convention	Units preserved	MW power, MWh energy, MVA transformation and ckm line length are not combined	https://breda.co.in/Uploads/Policies%20_Act%20_%20Regulations/RE%20Policy%202025.pdf https://cea.nic.in/wp-content/uploads/2025/09/Bihar-TRA-2034-35-June-2025-Upto-year-34-2035.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Checked 16-Sep-2026; applied throughout

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, bio-power, small hydro and total RE for Bihar	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 17-Oct-2026; primary source, Bihar row
Green hydrogen policy	Energy Department Circulars: Resolution 04, Bihar Green Hydrogen Policy 2026	State policy issue date and official publication route	https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1832	Checked 17-Oct-2026; official listing, 08-Oct-2026
Residential solar assistance	Energy Department Circulars: Resolution 03 and Memo No. 84	₹1,000 crore programme approval and FY 2026-27 allocation	https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1832 https://betastate.bihar.gov.in/energy/DyPageView?PageTitleID=1792	Checked 17-Oct-2026; official listing, 14-Aug-2026 and 21-Sep-2026
Government rooftop procurement	BREDA 500 MW government-building rooftop RESCO EoI and extension	Tender status and extension notice	https://www.breda.co.in/livetender.aspx https://www.breda.co.in/Uploads/NoticeBoard/tender%20extension%2001.10.2026.pdf	Checked 17-Oct-2026; official BREDA tender list / notice

Chhattisgarh Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage

Updated 18 October 2026

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Synopsis

Chhattisgarh Renewable Energy: Policy and Investment Synopsis

Chhattisgarh's renewable-energy policy mainly covers solar. It sets how developers can sell power to the State or supply businesses, while this synopsis distinguishes installed capacity from policy targets and planning estimates.

1. Policy Overview

- The State's amended Solar Energy Policy 2017–30 remains in force until 31 March 2030 or until a new policy is issued, whichever is earlier.
- Actual installed renewable capacity was 2,765.74 MW as of 30 September 2026, including 2,246.92 MW of solar.

2. Major Commitments and Projections

- The solar policy sets project categories and routes but no fixed aggregate State MW target.
- The Central Electricity Authority (CEA) projects 31,905 MW of total contracted capacity by FY2035–36, including 1,300 MW of pumped storage and 2,278 MW of battery storage. These are planning projections, not State awards or commitments.

3. Investment Framework

- Category-I solar projects sell power to the Chhattisgarh State Power Distribution Company Limited (CSPDCL) through competitive bidding. The policy gives no fixed capacity entitlement; procurement follows the State's renewable purchase and consumption obligations.
- For captive or open-access solar, the State policy lists a 500 kW minimum at one site. A later rule of the Chhattisgarh State Electricity Regulatory Commission (CSERC) sets a 100 kW minimum for upcoming distributed renewable-energy projects; consumer loads may be aggregated within the same electricity division.
- Eligible solar projects may receive applicable benefits under the Industrial Development Policy 2024–30, amended on 13 January 2026, in place of the Energy Department's clause 8-A concessions. Eligibility depends on the project and location. The policy gives no blanket 100% electricity-duty exemption; steel is excluded from the core-sector route.
- Nil transmission, wheeling and cross-subsidy charges apply for useful life only to legacy IDRES projects within the first 500 MW or with commercial operation by 27 December 2023, whichever came first. Later projects pay charges under the applicable tariff orders.

4. Principal Implications

- For upcoming open-access projects, monthly banked energy is limited to 30% of the consumer's monthly electricity use from the distribution licensee. Banking carries a 2% in-kind charge; evening-peak withdrawals carry a 30% in-kind charge. Unused banked energy cannot be carried into the next banking year.
- These rules make customer load patterns and the timing of power use material to the economics of captive and open-access solar.

5. Investment Outlook

- Solar developers may compete for CSPDCL tenders, but the policy sets no fixed procurement volume.
- Businesses may source solar through captive use or open access, subject to the current project threshold, charges and banking rules.
- Solar parks may use private investment or public-private partnership, but the policy sets no capacity commitment.
- CEA's FY2035–36 projection includes pumped and battery storage. This is an estimate, not a tender or award.

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Overview

Chhattisgarh Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage | Updated 18 October 2026

Read definitions carefully: MNRE figures are physical capacity located in Chhattisgarh. The live Solar Energy Policy 2017–30 does not state one fixed State MW target. Contracted capacity, scheme sanctions, regulatory thresholds and CEA model outputs are kept separate.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Chhattisgarh	2,765.74 MW	No fixed aggregate State MW target in the live solar policy	Quantified current; policy scope separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf https://creda.co.in/image/Solar%20Policy.pdf
Solar—total physically installed	2,246.92 MW	No fixed aggregate State MW target in the live solar policy	Quantified current; policy scope separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://creda.co.in/image/Solar%20Policy.pdf
Solar—ground mounted	1,477.05 MW	No separate State MW target in the live solar policy	Quantified current; sub-sector target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Solar—rooftop	378.80 MW	PM Surya Ghar subset: 303.17 MW at 31-Jul-2026	Current total; scheme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9Bv.pdf?source=lsapps
Solar—off-grid / KUSUM-B	391.07 MW	PM-KUSUM sanctions and installations are recorded separately	Current total; scheme progress separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars
Wind physically installed	0.00 MW	CEA model reaches 5,028 MW contracted wind by FY2035-36	Quantified current; model output separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf
Bio-power physically installed	289.92 MW	NBP Phase-I reports only a supported subset	Quantified current; programme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Small hydro physically installed	108.90 MW	CEA planned hydro includes conventional and small hydro	Quantified current; planning portfolio separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf
Large hydro physically installed	120.00 MW	CEA contracted hydro baseline: 435 MW at 31-Mar-2025	Location-based current; contracted baseline separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf
CSPDCL contracted capacity— all sources	9,783.00 MW	CEA model: 31,905 MW by FY2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf
Projected peak demand	13,399.00 MW	FY2035-36; projected electrical energy 68,020 MU	CEA projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf
Storage planning	40 MW BESS contracted at 31-Mar-2025	CEA model: 1,300 MW PSP + 2,278 MW BESS by FY2035-36	Contracted baseline; model output separate	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Chhattisgarh tracker

> *These definitions control the separation of physical capacity, contracted shares, policy provisions, scheme sanctions, regulatory thresholds and model outputs.*

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, rate, count, threshold or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric capacity target.
Location-based installed capacity	Generation physically located in Chhattisgarh. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Chhattisgarh from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy, regulation or order that remains operative on the tracker's as-of date.
Policy provision	A stated eligibility rule, incentive or procedure. It is not a sanction, PPA or commissioned project.
Commissioned	A project or capacity reported as operational. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not operational until installation is reported.
Tender process	A procurement stage. Tendered capacity is not an award, construction milestone or commissioned capacity.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE / IDRES	Distributed / grid-interactive distributed renewable energy under CEA planning and CSERC regulations.
FLS / IPS	Feeder-level solarisation / individual pump solarisation under PM-KUSUM Component C.
ESS / BESS / PSP	Energy, battery and pumped-storage systems. MW is power; MWh is stored energy.
GEOA	Green Energy Open Access, including the 100 kW aggregation threshold in the CSERC framework.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability follows the transaction and current tariff order.
RPO / RCO	Renewable purchase / consumption obligation, expressed as a share of electricity consumption.
REC	Renewable Energy Certificate under the applicable central and State compliance framework.

Term	Meaning used in this tracker
Banking cycle	The financial year, with settlement and carry-forward rules specified by CSERC.
MU / TPH	Million units of electricity / tonnes per hour.

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Policy Tracker

Live policy | Capacity | Regulatory routes | Schemes | Planning

Chhattisgarh's State policy framework covered here is solar-specific. CSERC regulations govern current distributed generation, banking and open-access implementation.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Solar	Live State policy	The amended Chhattisgarh State Solar Energy Policy 2017–30 remains the principal live State policy identified.	Chhattisgarh State Solar Energy Policy 2017–30	Live policy	Till 31-Mar-2030 or a new policy, whichever is earlier	Solar projects	Apply current CSERC orders	Energy Department; CREDA	https://creda.co.in/image/Solar%20Policy.pdf	Solar-specific, not an all-technology RE policy.
Solar	Policy target structure	The policy sets category and regulatory routes instead of one fixed MW target.	Solar Energy Policy 2017–30	Unquantified capacity objective	No fixed aggregate State MW target	Category-specific	Procurement / OA / REC route	CREDA; CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	Category-I follows CSERC obligation requirements.
Solar	Physical portfolio	MNRE reports Chhattisgarh's location-based solar components.	MNRE installed capacity	Quantified current	2,246.92 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	1,477.05 ground; 378.80 rooftop; 391.07 off-grid / KUSUM-B.
Solar	Category-I	Projects sell electricity to CSPDCL through competitive bidding.	Solar Energy Policy 2017–30	Live procurement route	Capacity follows CSERC RPO/RCO requirements	Successful bid	Tender and PPA	CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	No fixed MW entitlement.
Solar	Category-II	Projects may serve captive load or sell through open access.	Solar Energy Policy 2017–30	Quantified eligibility	Minimum 500 kW at one site	Captive / OA project	Connectivity and OA approval	CREDA; utilities	https://creda.co.in/image/Solar%20Policy.pdf	Newer CSERC IDRES threshold is 100 kW for upcoming projects.
Solar	Category-III	Projects may operate under the REC solar mechanism.	Solar Energy Policy 2017–30	Live route	No capacity limit stated	REC eligibility	Accreditation and registration	CSERC; CREDA	https://creda.co.in/image/Solar%20Policy.pdf	REC rules apply.
Solar	Category-IV	The policy encourages projects under the National Solar Mission.	Solar Energy Policy 2017–30	Live route	No State MW figure stated	Central-scheme conditions	Scheme approval	MNRE; CREDA	https://creda.co.in/image/Solar%20Policy.pdf	No Chhattisgarh-specific State sanction is cited here.
Rooftop solar	Grid connectivity	Policy provides connectivity for qualifying rooftop plants.	Solar Energy Policy 2017–30	Quantified threshold	1 kW or above	Technical feasibility	Application and interconnection	CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	Current CSERC DRE rules also apply.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Residential solar	PM Surya Ghar progress	Parliament reports national-portal progress.	Lok Sabha UQ 2806	Quantified current progress	84,677 installations; 303.17 MW; ₹512.52 crore CFA	Central scheme	Portal and DISCOM verification	MNRE; CSPDCL	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	At 31-Jul-2026; subset of rooftop total.
Agricultural solar	PM-KUSUM Component A	Parliament reports sanctioned and installed capacity.	Rajya Sabha UQ 1265	Quantified scheme progress	366 MW sanctioned; 7 MW installed	Scheme-specific	Project execution	MNRE; CREDA	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	At 31-Jan-2026; not added to later MNRE total.
Agricultural solar	PM-KUSUM Components B and C	Parliament reports no Component-B quantity and a feeder allocation.	Rajya Sabha UQ 1265	Quantified scheme progress	B: 0; C-FLS: 10,523 sanctioned, 0 solarised	Scheme-specific	Feeder execution	MNRE; CSPDCL	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Counts are not MW; C-IPS was zero.
Solar parks	Shared infrastructure	State policy encourages parks through private investment or PPP.	Solar Energy Policy 2017–30	Live policy direction	No fixed State MW target	Project-specific	Land, infrastructure and approvals	CREDA; State Government	https://creda.co.in/image/Solar%20Policy.pdf	Central solar-park approval is separate.
Solar	Single window	CREDA is the nodal and single-window agency.	Solar Energy Policy 2017–30	Live procedure	No fee stated in policy summary	Eligible project	Registration and clearances	CREDA	https://creda.co.in/image/Solar%20Policy.pdf	Statutory approvals remain project-specific.
Solar	Completion period	Allotted projects must be completed within the policy timeline.	Solar Energy Policy 2017–30	Quantified procedure	36 months; extension after progress review	Allotted project	Execution and extension request	Energy Department	https://creda.co.in/image/Solar%20Policy.pdf	Not a commissioning forecast.
Land	Land-bank execution	Concessional land is tied to timely construction.	Solar Energy Policy 2017–30	Quantified condition	Plant within 1 year of possession	Land-bank / concessional land	Construction and evidence	Revenue Department; CREDA	https://creda.co.in/image/Solar%20Policy.pdf	Failure can cancel allotment or recover concessions.
Operations	Minimum operating life	Projects taking concessions must continue operations.	Solar Energy Policy 2017–30	Quantified condition	25 years from commercial production	Concession recipient	Operate and report	State Government	https://creda.co.in/image/Solar%20Policy.pdf	Early closure triggers recovery of concessions.
Grid	Capacity confirmation	Network utility must confirm interconnection capacity.	Solar Energy Policy 2017–30	Quantified procedure	Within 30 working days	Complete application	Capacity study	CSPTCL / CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	Not deemed connectivity.
Grid	Interconnection line	Developer bears the evacuation-line cost up to the interconnection point.	Solar Energy Policy 2017–30	Live allocation of cost	Developer funded	Grid-connected project	Design and construction	Developer; utility	https://creda.co.in/image/Solar%20Policy.pdf	Technical approval remains required.
Solar incentives	Clause 8-A concessions	Solar projects use the State industrial-incentive route in place of the concessions referenced in clause 8-A.	Industrial Development Policy 2024–30 (amended 13-Jan-2026)	IDP benefits are eligibility-based; no blanket 100% electricity-duty exemption applies.	Policy period through 31-Mar-2030	Eligible solar projects; core-sector incentives exclude steel and remain subject to IDP conditions	Industrial approval and claim under IDP 2024–30	Commerce & Industry	https://csidc.in/wp-content/uploads/2025/03/Industrial-Development-Policy-2024-30-english.pdf https://csidc.in/wp-content/uploads/2026/01/Industrial-Dev-Policy-Amend13.01.2026.pdf	The IDP provides eligible core-sector incentives in place of clause 8-A concessions; confirm project and location eligibility.
Industry	Industrial incentives	Solar plants may access the State Industrial Policy incentive route.	Solar Energy Policy 2017–30	Live incentive route	Instrument-specific	Eligible investment	Industrial approval and claim	Commerce & Industry	https://creda.co.in/image/Solar%20Policy.pdf	Amounts depend on the applicable industrial policy.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Fuel	Fossil-fuel prohibition	Qualifying solar plants cannot use fossil-based fuel.	Solar Energy Policy 2017–30	Live condition	Coal, gas, lignite, naphtha and wood prohibited	Solar project	Design and compliance	CREDA	https://creda.co.in/image/Solar%20Policy.pdf	Solar thermal must be physically separate from an existing fossil plant.
Open access	Policy route	Captive and third-party sales may use open access.	Solar Energy Policy 2017–30	Live route	Charges and losses per CSERC / CERC	Eligible project	OA application and scheduling	CSERC; utilities	https://creda.co.in/image/Solar%20Policy.pdf	Current DRE regulation prevails on later terms.
DRE / GEOA	Current threshold	CSERC lowered the minimum size for upcoming IDRES projects.	CSERC DRE Second Amendment 2023	Quantified regulation	100 kW; aggregation within same electricity division	Upcoming IDRES project	Registration and connectivity	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	No capacity limit for captive / OA wheeling.
DRE / GEOA	Legacy project treatment	Early IDRES projects retain specified charge exemptions.	CSERC DRE Second Amendment 2023	Quantified grandfathering	First 500 MW or COD by 27-Dec-2023	Qualifying legacy project	Status verification	CSPDCL; CSERC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Transmission, wheeling, CSS and SLDC charges stated as nil for useful life.
DRE / GEOA	Upcoming project charges	Later projects pay current tariff-order charges.	CSERC DRE Second Amendment 2023	Live regulation	Tariff-order rates	Upcoming IDRES project	OA billing	CSPDCL; CSERC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	No blanket charge exemption.
Banking	Upcoming IDRES	Current framework permits financial-year banking with limits and charges.	CSERC DRE regulation / 2024 order	Quantified regulation	30% monthly-consumption limit; 2% in-kind charge	Eligible captive / OA project	Metering and settlement	SLDC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	No carry-forward beyond banking cycle.
Banking	Peak withdrawal	Withdrawal during the evening peak attracts an in-kind charge.	CSERC DRE Second Amendment 2023	Quantified regulation	30% of energy drawn in peak hours	Banked-energy user	Time-block accounting	SLDC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Normal and off-peak withdrawals have no withdrawal charge under the amendment.
Bio-power	Physical portfolio	MNRE reports biomass, cogeneration and off-grid WTE capacity.	MNRE installed capacity	Quantified current	289.92 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	272.09 bagasse; 7.00 non-bagasse; 10.83 off-grid WTE.
Bioenergy	NBP Phase-I subset	Parliament reports programme-supported outputs.	Rajya Sabha UQ 2061	Quantified programme subset	8 TPH pellets; 10.42 MWe WTE; 546 biogas plants	Central programme	Project records	MNRE	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Subset does not equal State bio-power total.
Small hydro	Physical portfolio	MNRE reports small-hydro capacity in the State.	MNRE installed capacity	Quantified current	108.90 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	No separate State target identified in the solar policy.
Large hydro	Physical portfolio	MNRE reports large-hydro capacity in the State.	MNRE installed capacity	Quantified current	120.00 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Contracted hydro baseline is separately reported.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Wind	Physical portfolio	MNRE reports no wind capacity physically located in Chhattisgarh.	MNRE installed capacity	Quantified current	0 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Contracted and modelled wind are different measures.
Resource adequacy	CEA contracted baseline	CEA reports CSPDCL's all-source contracted portfolio.	CEA RA Plan 2026	Quantified contracted	9,783 MW at 31-Mar-2025; about 38% non-fossil	Contracted, not location-based	Procurement planning	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Solar 1,180; DRE 1,052; wind 278; hybrid 400; BESS 40 MW.
Resource adequacy	Supply adequacy gap	Existing and planned capacity leaves a modelled energy shortfall.	CEA RA Plan 2026	Modelled planning result	3,293 MU / 4.8% in FY2035-36	Model result	Additional contracting	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Not a historical supply deficit.
Resource adequacy	FY2035-36 model	CEA least-cost model expands renewable and storage resources.	CEA RA Plan 2026	Modelled planning output	31,905 MW total	Model result	Long-term procurement	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	6,468 solar; 5,028 wind; 2,000 hybrid; 2,451 DRE; 3,578 storage MW.
Resource adequacy	Additional RE need	CEA estimates additional contracting beyond existing and planned resources.	CEA RA Plan 2026	Modelled planning requirement	4,588 MW solar; 4,000 MW wind; 1,099 MW DRE	Model result	Procurement planning	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Not a State-policy award.
Resource adequacy	Additional storage need	CEA identifies additional firming capacity.	CEA RA Plan 2026	Modelled planning requirement	500 MW PSP + 2,038 MW four-hour BESS	Model result	Procurement planning	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Beyond already planned contracts.
RCO	Compliance trajectory	CEA applies the notified 2025 national trajectory in State planning.	CEA RA Plan 2026	Quantified obligation	FY2026-27 35.95%; FY2029-30 43.33% total	Obligated entities	Procurement and reporting	CSERC; CSPDCL	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	State regulation must be read with current MoP notification.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State-policy provisions | CSERC treatment | Central CFA

Benefits are not automatically cumulative. Each requires the applicable instrument, eligible project or transaction, claim process and verification. Grandfathered IDRES treatment is separated from upcoming-project charges.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Solar projects	Industrial-policy incentives	State industrial investment benefits	Instrument-specific	State incentive route	Eligible project during policy period	https://csidc.in/wp-content/uploads/2025/03/Industrial-Development-Policy-2024-30-english.pdf https://csidc.in/wp-content/uploads/2026/01/Industrial-Dev-Policy-Amend13.01.2026.pdf	IDP 2024–30 applies from 1-Nov-2024 to 31-Mar-2030; confirm project and location eligibility.
Solar captive / auxiliary use	Industrial-policy incentives	Solar project incentive route under the IDP replaces Energy Department clause 8-A concessions	Instrument-specific; no blanket 100% electricity-duty exemption applies.	State incentive route	Eligible solar project; core-sector eligibility excludes steel	https://csidc.in/wp-content/uploads/2025/03/Industrial-Development-Policy-2024-30-english.pdf https://csidc.in/wp-content/uploads/2026/01/Industrial-Dev-Policy-Amend13.01.2026.pdf	Policy period 1-Nov-2024 to 31-Mar-2030; project and location eligibility and claim conditions apply.
Land-bank project	Concessional land route	Land-bank allotment / private-land concession	Plant within 1 year of possession	Quantified condition	Concession recipient	https://creda.co.in/image/Solar%20Policy.pdf	Delay can cancel allotment or trigger recovery.
Concession recipient	Operating commitment	Minimum operation after commercial production	25 years	Quantified condition	Project taking concessions	https://creda.co.in/image/Solar%20Policy.pdf	Early closure triggers repayment.
Grid-connected project	Interconnection line	Evacuation line to interconnection point	Developer funded	Project cost allocation	Grid-connected project	https://creda.co.in/image/Solar%20Policy.pdf	Utility capacity confirmation required.
Legacy IDRES	Transmission charge	First 500 MW / COD by 27-Dec-2023	Nil for useful life	Grandfathered regulatory benefit	Qualifying legacy project	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Verify eligibility and COD.
Legacy IDRES	Wheeling charge	First 500 MW / COD by 27-Dec-2023	Nil for useful life	Grandfathered regulatory benefit	Qualifying legacy project	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Verify eligibility and COD.
Legacy IDRES	Cross-subsidy surcharge	First 500 MW / COD by 27-Dec-2023	Nil for useful life	Grandfathered regulatory benefit	Qualifying legacy project	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Later projects follow tariff orders.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Upcoming IDRES	Banking charge	Banked renewable energy	2% in kind	Quantified regulatory charge	Eligible banking user	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	Financial-year settlement applies.
Upcoming IDRES	Peak withdrawal charge	Evening-peak banked energy	30% in kind	Quantified regulatory charge	Peak withdrawal	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Time period follows the applicable tariff order.
Upcoming IDRES	Standby supply	Backup drawal from distribution licensee	125% of applicable energy charge	Quantified regulatory charge	Standby user	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Current tariff category applies.
Residential consumers	PM Surya Ghar CFA	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified central CFA	Eligible residential application	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use the live national portal.
Agricultural users	PM-KUSUM	Plants, pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned projects only	Sanctioned project under applicable extension	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Do not infer a general new-sanction extension.
Bioenergy projects	National Bioenergy Programme	Biomass, WTE, biogas and pellets	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Eligible project and live window	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	NBP Phase-I subset is historical progress. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Small hydro projects	MNRE SHP support	Current MNRE Small Hydro Power Development Scheme	Eligible 1–25 MW projects; FY2026-27–FY2030-31. CFA 20% of lower actual/CERC normative cost, capped at ₹20 crore/project.	Current scheme; project-specific	Project approval under the current scheme	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Solar parks	Central park support	Shared infrastructure; support per approved park	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE-approved park	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-solar-park-scheme/ https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Project-specific approval required.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Green hydrogen	National mission support	Electrolysers, production, hubs and pilots	Award-specific	Quantified per call / award	Successful tender / programme	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Chhattisgarh-specific State award is cited here.
Storage	Central storage support	BESS / PSP procurement	Project-specific VGF / enabling support	Quantified per award	Approved procurement	https://powermin.gov.in/en/content/energy-storage-system	CEA model output is not an award.
RE generators	CSERC tariff framework	Tariff determination for eligible RE technologies	Regulation-specific	Regulatory framework	Covered project	https://cserc.gov.in/upload/upload_regulation/23-12-2025_17664682831.pdf	Use the 2025 regulation and project-specific order.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Distributed RE | GEOA | Banking | Charge treatment | RCO

CSERC's 2023 DRE amendment and 2024 final banking order govern current projects; the third DRE amendment issued 22-Sep-2026 remains a draft. Grandfathered first-500-MW treatment is not applied to upcoming projects.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
DRE framework	CSERC's 2019 DRE regulations apply as amended in 2023.	Second amendment effective 1-Sep-2023	IDRES projects	CSERC DRE Regulations	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Current implementing framework.
GEOA threshold	Load may be aggregated within one electricity division.	100 kW or more	Eligible consumer / IDRES	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	No capacity limit for captive-use or OA wheeling projects.
Green-energy requisition	Eligible consumers may request green supply from the DISCOM.	25% steps up to 100%	Consumer ≥100 kW	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Quantum pre-specified for at least one year.
Requisition period	Green supply requisition has a minimum duration.	One year	Eligible consumer	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Separate solar / non-solar requisition is allowed.
Small solar simplification	Specified small plants are exempt from dedicated feeder and specified telemetry / ABT meters.	Up to 500 kW	Eligible solar generator	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	KUSUM plants may reach 2,000 kW at 11 kV under stated conditions.
Legacy-project cut-off	Earlier IDRES projects receive grandfathered charge treatment.	First 500 MW or COD by 27-Dec-2023	Qualifying IDRES	CSERC DRE Second Amendment 2023	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Eligibility must be documented.
Transmission charge	Legacy projects have nil charge; upcoming projects follow tariff orders.	Route-specific	IDRES project	CSERC DRE Second Amendment 2023	CSPTCL; CSERC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Losses and other charges remain transaction-specific.
Wheeling charge	Legacy projects have nil charge; upcoming projects follow tariff orders.	Route-specific	IDRES project	CSERC DRE Second Amendment 2023	CSPDCL; CSERC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Use the current tariff order.
CSS	Legacy projects have nil CSS; later projects follow tariff orders with a twelve-year increase cap.	Route-specific	Third-party OA	CSERC DRE Second Amendment 2023	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Captive-use treatment depends on transaction structure.
Additional surcharge	Not applicable to GEOA consumers paying fixed charges.	Nil subject to condition	Eligible GEOA consumer	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Verify fixed-charge payment.
Standby charge	Upcoming projects pay an enhanced energy charge for standby supply.	125% of consumer-category energy charge	Upcoming IDRES user	CSERC DRE Second Amendment 2023	CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Current tariff order applies.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Banking cycle	Renewable-energy banking follows the financial year.	April to March	Eligible captive / OA user	CSERC DRE regulation	SLDC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	No carry-forward to a later cycle.
Banking limit	Final banking order limits monthly banked energy by distribution-licensee consumption.	30% of monthly consumption	Eligible upcoming IDRES	CSERC banking order 2024	SLDC; CSPDCL	https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	Excess treatment follows the final order.
Banking charge	Banking charge is recovered in kind.	2%	Eligible banking user	CSERC DRE regulation / 2024 order	SLDC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	Separate peak withdrawal charge may apply.
Peak withdrawal	Evening-peak withdrawal attracts an in-kind deduction.	30% of energy drawn	Banking user	CSERC DRE Second Amendment 2023	SLDC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Normal and off-peak withdrawal has no stated withdrawal charge.
Unused banked energy	Unused energy cannot move to the next banking cycle.	Lapses; REC entitlement to extent allowed	Upcoming IDRES	CSERC DRE Second Amendment 2023	SLDC; REC mechanism	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Do not treat as cash sale.
Must-run	Solar IDRES receives must-run treatment.	Deemed scheduled for commercial purpose	Solar IDRES	CSERC DRE Second Amendment 2023	SLDC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Operational scheduling may still apply for grid security.
Policy connectivity	Utility confirms capacity availability before evacuation construction.	30 working days	Solar developer	Solar Energy Policy 2017–30	CSPTCL / CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	Developer funds the line.
Rooftop threshold	Policy enables grid connectivity for small rooftop systems.	1 kW or above	Rooftop applicant	Solar Energy Policy 2017–30	CSPDCL	https://creda.co.in/image/Solar%20Policy.pdf	Apply current technical standards.
RCO trajectory	CEA uses the notified 2025 RCO path for planning.	FY2026-27 35.95%; FY2029-30 43.33%	Obligated entities	MoP trajectory / CEA RA Plan	CSERC; CSPDCL	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Totals include the DRE obligation.
RCO deficit	Existing and planned contracts are below modelled non-DRE RCO requirements.	FY2029-30 deficit 14.5 percentage points	CSPDCL planning	CEA RA Plan 2026	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Planning result, not regulatory non-compliance finding.
DRE deficit	CEA projects DRE surplus turning to deficit as the obligation rises.	FY2029-30 deficit 1.3 percentage points	CSPDCL planning	CEA RA Plan 2026	CSPDCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Model comparison of planned contracts and obligation.
DRE amendment status	Draft proposes monthly banking and, from 1-Apr-2027, minimum 2-hour BESS equal to 5% of new IDRES capacity above 5 MW (hydro excluded); additional captive capacity above contract demand has a separate 20% BESS proposal.	Draft issued 22-Sep-2026; public hearing 14-Oct-2026; latest notified amendment remains 2023	IDRES projects	CSERC DRE Regulations / draft third amendment	CSERC	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/Welcome/news_list_download/upload_news/22-09-2026_17900781841.pdf/2/446/8/15	These are proposals, not operative requirements; apply the notified 2023 second amendment unless and until a final amendment is gazetted.
Intra-State Open Access Third Amendment	Consumers buying from an in-State IDRES solar project may be exempt from the dedicated-feeder requirement, subject to the stated load restrictions.	Effective on publication in the Official Gazette; amendment dated 18-Mar-2026	Eligible consumer not connected through a dedicated feeder	CSERC Intra-State Open Access Third Amendment Regulations 2026	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/26-03-2026_17745186901.pdf	Check the regulation for the applicable load limits and connection conditions.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Domestic rooftop connection / PPA	The domestic new-connection form combines the connection application with the agreement and PM Surya Ghar rooftop PPA.	Removal of Difficulties Second Order dated 29-Jul-2026	Domestic rooftop applicants under PM Surya Ghar	CSERC Supply Code Removal of Difficulties Order No. 2 of 2026	CSERC; CSPDCL	https://cserc.gov.in/upload/upload_regulation/29072026-001.pdf	Use the current prescribed form and normal technical / net-metering requirements.

SHEET 7 OF 8

MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Chhattisgarh renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Chhattisgarh tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; CSPDCL	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	84,677 installations and 303.17 MW at 31-Jul-2026.
Agricultural solar	PM-KUSUM	Decentralised plants, pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; CREDA	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Component A: 366 MW sanctioned and 7 MW installed at 31-Jan-2026; figures are historical. Do not infer a general new-sanction extension. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme Phase-I	Biomass, WTE, biogas and pellets	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Historical State subset: 8 TPH pellets, 10.42 MWe WTE and 546 biogas plants. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Current scheme period; support is project- and location-specific	MNRE; State agency	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Chhattisgarh tracker use
Solar parks	Solar Park / Ultra Mega Solar framework	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; CREDA	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-solar-park-scheme/ https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Project-specific approval required.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Chhattisgarh-specific award is cited here.
Storage	Central energy-storage frameworks	Utility-scale BESS / PSP procurement	Project-specific VGF / enabling support	Quantified per project	Ministry of Power; utilities	https://powermin.gov.in/en/content/energy-storage-system	CEA model output is not an award.
Open access	Green Energy Open Access Rules	Renewable supply to eligible consumers	Implemented through CSERC DRE amendment	Regulatory	CSERC; utilities	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	State threshold and banking treatment are in Grid & Metering.
Skills	Suryamitra / allied training	Renewable-energy technician capacity building	Continued for FY2026–27 to FY2030–31; approval dated 11-Aug-2026	Current programme approval; training calls may be specific	MNRE institutions	https://mnre.gov.in/en/notice/administrative-approval-for-continuation-of-the-human-resource-development-programme-in-new-and-renewable-energy-for-the-period-of-fy-2026-27-to-2030-31/	Training output is not installed capacity; follow current institution / call details.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

> *Dates, ownership, programme stage and statistical scope can differ between sources; figures are presented on their stated basis.*

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 18-Oct-2026; primary source
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Checked 23-Sep-2026; primary portal
Capacity cross-check	CEA installed-capacity report, 31-Aug-2026	Official CEA publication carrying MNRE RES data	https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	Checked 23-Sep-2026; official source
State policy	Chhattisgarh State Solar Energy Policy 2017–30	Validity, categories, incentives, banking and procedures	https://creda.co.in/image/Solar%20Policy.pdf	Checked 23-Sep-2026; official consolidated policy
Earlier policy	Amended Solar Policy 2017–27, 2020 version	Policy history and consolidation trail	https://creda.co.in/image/Amended%20Solar%20Policy%202017-27.pdf	Checked 23-Sep-2026; official earlier version
State agency	CREDA portal	Nodal and single-window agency	https://creda.co.in/	Checked 23-Sep-2026; primary portal
Generation planning	CEA Chhattisgarh Resource Adequacy Plan Version 3.0	Contracted baseline, demand, RCO deficit and FY2035-36 model	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 23-Sep-2026; primary CEA source
Rooftop progress	Lok Sabha UQ 2806, answered 5-Aug-2026	PM Surya Ghar applications, installations, capacity and CFA	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Checked 23-Sep-2026; primary parliamentary answer
Agricultural solar	Rajya Sabha UQ 1265, answered 10-Feb-2026	PM-KUSUM sanctions and installations at 31-Jan-2026	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Checked 23-Sep-2026; primary parliamentary answer
Bioenergy	Rajya Sabha UQ 2061, answered 10-Mar-2026	NBP Phase-I Chhattisgarh programme subset	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Checked 23-Sep-2026; primary parliamentary answer
Distributed RE	CSERC DRE Second Amendment Regulations 2023	Thresholds, charges, banking and metering treatment	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf	Checked 23-Sep-2026; final regulation
Banking	CSERC final banking order 2024	Current banking cap, accounting and settlement	https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	Checked 23-Sep-2026; final order
RE tariff	CSERC Renewable Energy Tariff Regulations 2025	Technology-specific tariff framework	https://cserc.gov.in/upload/upload_regulation/23-12-2025_17664682831.pdf	Checked 18-Oct-2026; final regulation
RCO	CSERC draft RPO / REC Second Amendment Regulations 2025	The 2025 second-amendment document is a draft; CSERC's current notified-regulations index lists no final second amendment as of 18-Oct-2026.	https://cserc.gov.in/upload/upload_news/31-07-2025_1753962545.pdf	Checked 18-Oct-2026; draft only

Category	Document / authority	What it verifies	Official link	Status / date checked
RCO draft history	CSERC draft second amendment, 30-Jul-2025	Draft-to-final status trail	https://cserc.gov.in/upload/upload_news/31-07-2025_1753962545.pdf	Checked 18-Oct-2026; no final second amendment in force identified.
Residential solar	MNRE PM Surya Ghar operational guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE Biomass Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 23-Sep-2026; primary source
Storage	Ministry of Power energy-storage framework	Central policy and support routes	https://powermin.gov.in/en/content/energy-storage-system	Checked 23-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity reconciliation	MNRE component sum	1,477.05 ground + 378.80 rooftop + 0 hybrid + 391.07 off-grid = 2,246.92 MW solar; total renewable energy = 2,765.74 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 18-Oct-2026
Solar reconciliation	MNRE solar component sum	1,477.05 ground + 378.80 rooftop + 0 hybrid + 391.07 off-grid = 2,246.92 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 18-Oct-2026
Bio reconciliation	MNRE bio component sum	272.09 bagasse + 7.00 non-bagasse + 0 grid WTE + 10.83 off-grid WTE = 289.92 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 18-Oct-2026
Capacity cross-check	MNRE state-wise capacity, 30-Sep-2026	Latest MNRE state-wise physical RE capacity published 8-Oct-2026; CEA comparison report remains dated 31-Aug-2026.	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	Checked 18-Oct-2026; MNRE data to 30-Sep-2026, CEA report to 31-Aug-2026.
Scope cross-check	MNRE versus CEA RA	2,765.74 MW location-based renewable energy versus 9,783 MW all-source contracted capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 18-Oct-2026; physical RE capacity and all-source contracted capacity are different measures.

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar scope cross-check	MNRE versus State policy	2,246.92 MW physical solar; live policy has no fixed aggregate MW target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://creda.co.in/image/Solar%20Policy.pdf	Checked 18-Oct-2026; MNRE reports physical capacity; State policy has no fixed aggregate MW target.
Rooftop cross-check	MNRE versus Parliament	378.80 MW total rooftop includes 303.17 MW PM Surya Ghar subset at 31-Jul-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Checked 18-Oct-2026; rooftop total to 30-Sep-2026; PM Surya Ghar subset to 31-Jul-2026.
KUSUM cross-check	MNRE versus Parliament	391.07 MW off-grid / KUSUM-B at 30-Sep-2026 versus Component-A and feeder progress at 31-Jan-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Checked 18-Oct-2026; MNRE off-grid/KUSUM-B and parliamentary Component-A/feeder figures use different categories and dates.
Bio scope cross-check	MNRE versus Parliament	289.92 MW State bio-power versus the NBP Phase-I supported subset	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 18-Oct-2026; State bio-power capacity is broader than the NBP Phase-I supported subset.
Policy hierarchy	Solar policy versus CSERC DRE regulation	Later regulation governs upcoming-project thresholds and banking treatment	https://creda.co.in/image/Solar%20Policy.pdf https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/upload/order/O-46-2024_3478-1719488702-.pdf	Checked 23-Sep-2026
RCO cross-check	CSERC and CEA RA	CEA uses the notified national RCO trajectory; CSERC's second-amendment document is a 2025 draft, not a final regulation.	https://cserc.gov.in/upload/upload_news/31-07-2025_1753962545.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 18-Oct-2026; CSERC second-amendment document is a draft.
Planning reconciliation	CEA model	31,905 MW FY2035-36 model includes contracted, planned and additional resources	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 23-Sep-2026; model output, not installed capacity.
Storage scope	CEA contracted baseline versus model	40 MW BESS at 31-Mar-2025 versus 3,578 MW PSP+BESS in FY2035-36 model	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 23-Sep-2026; 40 MW contracted baseline and 3,578 MW FY2035-36 model output are distinct.
Capacity accounting	Installed, sanctioned, contracted and modelled capacity	These measures are distinct; do not add them or treat them as equivalent.	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://creda.co.in/image/Solar%20Policy.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/03/Chhattisgarh_RA_report_2035_36.pdf	Checked 18-Oct-2026
State incentives	Chhattisgarh Industrial Development Policy 2024–30 and 13-Jan-2026 amendment	Effective 1-Nov-2024 to 31-Mar-2030; eligible solar projects use core-sector incentives in place of Energy Department clause 8-A concessions; steel excluded from the core-sector route	https://csidc.in/wp-content/uploads/2025/03/Industrial-Development-Policy-2024-30-english.pdf https://csidc.in/wp-content/uploads/2026/01/Industrial-Dev-Policy-Amend13.01.2026.pdf	Checked 18-Oct-2026; official policy and amendment
Small hydro	MNRE SHP Development Scheme approval, 1–25 MW	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741 3059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar parks	MNRE Solar Park scheme timeline extension	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-solar-park-scheme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Skills	MNRE Human Resource Development Programme continuation	Continued FY2026–27 to FY2030–31; approval dated 11-Aug-2026	https://mnre.gov.in/en/notice/administrative-approval-for-continuation-of-the-human-resource-development-programme-in-new-and-renewable-energy-for-the-period-of-fy-2026-27-to-2030-31/	Checked 18-Oct-2026; official administrative approval
Distributed RE	CSERC DRE notified regulations and 2026 third-amendment draft	2023 second amendment remains latest notified amendment; third amendment issued 22-Sep-2026 is draft	https://cserc.gov.in/upload/upload_regulation/21-09-2023_16952944471.pdf https://cserc.gov.in/Welcome/news_list_download/upload_news/22-09-2026_17900781841.pdf/2/446/8/15	Checked 18-Oct-2026; final regulation plus draft
Open access	CSERC Intra-State Open Access Third Amendment Regulations 2026	Dedicated-feeder exemption for qualifying in-State IDRES solar purchases; subject to load restrictions; dated 18-Mar-2026	https://cserc.gov.in/upload/upload_regulation/26-03-2026_17745186901.pdf	Checked 18-Oct-2026; final amendment
Rooftop connection	CSERC Supply Code Removal of Difficulties Second Order 2026	Domestic PM Surya Ghar connection application, agreement and PPA form; dated 29-Jul-2026	https://cserc.gov.in/upload/upload_regulation/29072026-001.pdf	Checked 18-Oct-2026; final order

Gujarat Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 19 October 2026

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Synopsis

Gujarat Renewable Energy: Policy and Investment Synopsis

Gujarat's renewable energy framework covers solar, wind, battery storage, pumped storage and green hydrogen. Developers can supply distribution utilities, captive consumers and third-party buyers, with separate incentives for eligible hydrogen projects.

1. Policy Overview

- Major policies: Gujarat Integrated Renewable Energy Policy 2025, Gujarat Green Hydrogen Policy 2025 and Gujarat Pumped Storage Project Policy 2025.
- The integrated policy replaced the 2023 policy on 24 December 2025. It operates until 31 December 2030 or earlier replacement.
- Installed renewable capacity: 52,610.17 MW at 31 July 2026, including 33,763.96 MW solar and 16,613.06 MW wind. Rooftop solar accounts for 7,518.00 MW within the solar total.

2. Major Commitments and Projections

- Renewable capacity targets: 100 GW-plus by 2030, over 150 GW by 2035 and 300 GW by 2047.
- Pumped storage target: 75 GWh by 2035.
- Green hydrogen target: 3 million tonnes annually by 2035, supported by approximately 30 GW of electrolysers and 75 GW of renewable energy.
- Khavda: A 37 GW park under construction; over 11 GW was reported realised by early 2026. Commissioned capacity is included in State totals.
- These targets and development capacities do not represent assured project awards.

3. Investment Framework

- Solar: Utility procurement, captive supply and third-party sales are permitted. Eligible residential solar consumption attracts no banking charge; complete rooftop applications up to 10 kW receive deemed acceptance without a separate technical-feasibility study, subject to regulatory conditions.
- Industrial supply: Green open access starts at 100 kW, including eligible aggregation within the same electricity division; captive consumers have no minimum threshold. Additional surcharge is exempt to the extent of contract demand maintained with the distribution utility.
- Hydrogen: Selected projects with 1–10 MW electrolysers receive 20% capital subsidy, capped at ₹1 crore/MW, within an overall 500 MW programme. Eligible associated batteries receive 20%, capped at ₹18 lakh/MWh and 4.50 MWh per MW of electrolyser. Eligible renewable supply receives 50% transmission and wheeling reimbursement for five years, with transmission support capped at 4 MW per MW of electrolyser. Selection and sanction apply.

- Hydrogen demand: Eligible Gujarat industrial micro, small and medium enterprises receive ₹50/kg reimbursement for five years, capped at ₹25 crore per enterprise within a ₹250 crore pool.
- Pumped storage: Input-renewable-electricity duty exemption requires amendment of the Electricity Duty Act; water-charge benefits depend on project category.

4. Principal Implications

- Hydrogen support covers production, associated storage and eligible consumption, allowing developers to structure projects around identified industrial buyers.
- Wind repowering permits up to 24 months' relief from existing power-purchase-agreement generation obligations. Repowered generation must reach at least 1.5 times the preceding three-year average.

5. Investment Outlook

- Solar, wind and hybrid projects can serve industrial buyers through captive and third-party arrangements, alongside utility tenders.
- Standalone and co-located batteries have policy recognition; revenues depend on specific procurement or permitted market arrangements.
- Hydrogen-linked renewable generation and storage offer opportunities through sanctioned projects; pumped storage offers public, competitive-bid and self-identified development routes.

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Overview

Gujarat Renewable Energy Policy Tracker

Capacity and policy position as at 19 October 2026; installed capacity as at 30 September 2026

Read definitions carefully: MNRE figures are location-based capacity physically installed in Gujarat. State-policy targets, project-development envelopes and PSP storage goals are not treated as commissioned capacity. Monetary support remains subject to eligibility, operative orders, sanctions and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Gujarat	55,511.46 MW at 30-Sep-2026	100 GW+ RE by 2030; >150 GW by 2035; 300 GW by 2047	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf
Solar—total physically installed	36,234.55 MW at 30-Sep-2026	Covered by the State umbrella RE targets; no separate solar-only installed-capacity target is stated in the 2025 policy	Quantified current; sub-sector target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf MNRE solar sub-components differ from the published total by 0.01 MW due to rounding.
Solar—ground mounted	25,902.07 MW at 30-Sep-2026	No separate ground-mounted target in the 2025 umbrella policy	Quantified current; target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf
Solar—rooftop	8,525.10 MW at 30-Sep-2026	Policy promotes distributed solar, group / virtual net metering and other behind-the-meter arrangements; no separate aggregate rooftop MW target stated	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://www.gercin.org/regulations/re_regulations
Solar—hybrid component / off-grid	1,606.86 MW solar component of hybrid projects; 200.53 MW off-grid / PM-KUSUM-B at 30-Sep-2026	Covered by umbrella RE and distributed-energy provisions; no separate State MW target stated	Quantified current; target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Wind physically installed	17,043.76 MW at 30-Sep-2026	No wind-only capacity target stated; 2025 policy creates a dedicated repowering route for ageing wind projects	Quantified current; repowering direction unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf
Bio-power physically installed	129.85 MW at 30-Sep-2026	No separate bio-power MW target stated in the 2025 umbrella policy	Quantified current; target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf
Hydro physically installed	113.30 MW small hydro + 1,990.00 MW large hydro in MNRE location-based data	No separate conventional-hydro MW target stated in the 2025 umbrella policy	Quantified current; target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/hpi/2024/10/State_Profile_on_Hydro_Development.pdf
Pumped storage in Gujarat	1,440 MW listed as PSP: Kadana 240 MW + Sardar Sarovar RBPH 1,200 MW; CEA June-2026 report records both as not operating in pumping mode	75 GWh storage and 75 PSP units by 2035; about ₹75,000 crore investment; 100 PSPs by 2047	Quantified; operating status qualified	https://cea.nic.in/wp-content/uploads/pumpedstorage/2026/06/PSP_In_Operation_2.pdf https://guj-epd.gujarat.gov.in/Home/gujarat-pumped-storage-policy
Green hydrogen	Operating production capacity is not stated in the cited State policy	3 MMTPA by 2035; about 30 GW electrolyser capacity and 75 GW RE; about ₹5,00,000 crore investment	Quantified target; current unquantified	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf
Khavda Renewable Energy Park	37 GW park under construction; State address reported >11 GW realised by early 2026	37 GW project-development envelope; commissioned capacity is already captured in MNRE State totals and must not be added again	Quantified project envelope; avoid double counting	https://cms.neva.gov.in/NeVA/GJ/FileStructures/Notices/d27d4222-385a-424a-8db4-b0911ebf4e02.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Renewable-purchase obligation / non-fossil objective	GERC RPO: 35.95% for FY 2026-27	43.33% RPO by FY 2029-30; separately, State policy seeks >50% of total energy consumption from non-fossil sources by 2030	Quantified; different metrics	https://staging.gercin.org/wp-content/uploads/2025/08/ViewPdf2.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Gujarat tracker

These definitions control the comparison of physical capacity, policy targets, project-development envelopes, regulatory thresholds and incentives.

Term	Meaning used in this tracker
Quantified	An official or controlling source states a numeric capacity, production target, funding amount, incentive rate, count, threshold or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Gujarat. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up by GUVNL / a distribution licensee through allocation, PPA or procurement. It is not necessarily all physically located in Gujarat.
Policy target	A goal adopted by the Government of Gujarat. It is not treated as commissioned or awarded capacity.
Planning projection	Capacity or resource requirement modelled in an official plan. It is not an award, sanction or policy target unless the source says so.
DRE	Distributed renewable energy, including rooftop, behind-the-meter and other distributed systems where the governing instrument so classifies them.
ESS / BESS	Energy Storage System / Battery Energy Storage System.
PSP	Pumped Storage Project. Constructed turbine-generator capacity is separated from actual availability of pumping mode.
Green OA	Green Energy Open Access under the GERC Regulations 2024, amended through the Sixth Amendment dated 19-Aug-2026, with an errata listed on 24-Sep-2026.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Each exemption is shown only where the governing regulation expressly provides it.
Net metering	Imports and rooftop-RE exports are netted under the GERC rooftop regulations and amendments; project eligibility and capacity limits must be checked against the live regulation.
Net billing	Imports are billed at the applicable retail tariff and surplus injection is credited under the settlement method specified by the regulator / licensee.
Gross metering	All generation is separately metered and sold / settled under the applicable PPA or regulatory arrangement.
Group / virtual net metering	Allocation of renewable generation or surplus across eligible connections / participating consumers. Gujarat policy promotes these models; implementation must follow the latest GERC order / regulation.
kTPA	Thousand tonnes per annum.
BU	Billion units of electricity (billion kWh).
ROFR	Right of First Refusal.
DPR / S&I	Detailed Project Report / survey and investigation. Neither stage is treated as operational capacity.

SHEET 4 OF 8

Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

'Applicable provision' describes the operative treatment; 'Governing instrument' identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State RE transition	Umbrella framework for solar, wind, hybrid, storage, distributed RE, repowering and emerging renewable technologies.	Gujarat Integrated Renewable Energy Policy 2025	Quantified	100 GW+ RE by 2030; >150 GW by 2035; 300 GW by 2047; >50% total energy consumption from non-fossil sources by 2030	Grid, procurement and charge treatment flows through GERC regulations, GETCO / SLDC requirements and project documents.	Register through GEDA / relevant utility route; obtain connectivity, OA and procurement approvals as applicable.	Energy & Petrochemicals Department; GEDA; GUVNL; GETCO; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://guj-epd.gujarat.gov.in/Home/GujaratREPolicy https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Policy targets are not commissioned capacity.
Cross-sector	Operative period / transition	2025 policy supersedes the 2023 policy from 24-Dec-2025; existing implementation projects receive the stated transition period.	Gujarat Integrated Renewable Energy Policy 2025	Quantified period	Operative up to 31-Dec-2030 or until a new policy is notified, whichever is earlier.	Benefits and project treatment remain subject to implementing orders and regulations.	Use the GEDA SoP and live portal for project registration / implementation.	Energy & Petrochemicals Department; GEDA	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260106132609 4596.pdf	Legacy projects: agreement / sanction / allotment deadline or 24-Jun-2026, whichever is later. After that period, the 2025 policy applies.
Solar	Utility-scale ground-mounted solar	Development permitted for captive use, third-party sale, DISCOM procurement and other routes recognised under the policy / regulations.	Gujarat Integrated Renewable Energy Policy 2025; GERC solar tariff / procurement framework	Unquantified State sub-target	25,902.07 MW physically installed at 30-Sep-2026; no separate ground-mounted target stated in the umbrella policy.	Tariff / PPA / OA treatment is route-specific; no blanket State capital subsidy stated.	GEDA registration plus GUVNL tender / OA / captive route, as applicable.	GEDA; GUVNL / DISCOM; GETCO; GERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://staging.gercin.org/wp-content/uploads/2024/08/Order-No.-6-of-2024-TARIFF-FRAMEWORK-FOR-PROCURMENT-OF-POWER-BY-DISTRIBUTION-LICENSEES-AND-OTHERS-FROM-SOLAR-ENERGY-PROJECTS-AND-OTHER-COMMERCIAL-ISSUES-FOR-THE-STATE-OF-GUJARAT.pdf	Do not infer a project-level tariff from the policy.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Rooftop solar	Distributed rooftop RE remains supported; GERC rooftop regulations control metering, feasibility and settlement.	Gujarat Integrated Renewable Energy Policy 2025; GERC Rooftop Solar Regulations as amended	Quantified current; policy direction unquantified	8,525.10 MW rooftop solar at 30-Sep-2026.	Central PM Surya Ghar support may apply to eligible residential consumers; State regulatory treatment is separate.	Consumer / vendor application through the relevant DISCOM / PM Surya Ghar route.	GEDA; GUVNL / DISCOMs; GERC; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.gercin.org/regulations/re_regulations https://pmsuryaghar.gov.in/	Use the latest GERC amendment and DISCOM process for project-level eligibility.
Solar	Floating / alternate siting	Policy enables renewable deployment across eligible technologies / sites; project-specific land, water and evacuation approvals continue to apply.	Gujarat Integrated Renewable Energy Policy 2025	Unquantified	No separate floating-solar MW target stated in the cited umbrella policy.	No blanket State capex subsidy stated.	Project registration plus land / water / grid clearances, as applicable.	GEDA; concerned land / water authority; GETCO / DISCOM	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	Quantification depends on the specific project / tender.
Solar	Agrivoltaics / distributed RE	Policy expressly promotes agrivoltaics and other distributed / innovative solar configurations.	Gujarat Integrated Renewable Energy Policy 2025	Unquantified	No separate agrivoltaic MW target or earmarked State fund stated.	Support is scheme- / tender-specific; PM-KUSUM can apply where eligibility matches.	GEDA / DISCOM / PM-KUSUM route, depending project type.	GEDA; GUVNL / DISCOMs; MNRE	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://pmkusum.mnre.gov.in/	Treat policy recognition separately from scheme sanction.
Solar	Renewable-energy parks	Private developers can develop RE parks; policy provides a park framework and grid / land coordination.	Gujarat Integrated Renewable Energy Policy 2025	Quantified threshold	Minimum RE park capacity 50 MW; maximum subject to applicable MNRE / State framework.	No generic per-MW State grant stated in the umbrella policy.	GEDA registration; land / connectivity approvals; tender / private-development route as applicable.	GEDA; Energy & Petrochemicals Department; GETCO	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	Project capacity is a development envelope, not installed capacity until commissioned.
Solar	Khavda Renewable Energy Park	Large multi-developer RE park under development in Kutch.	State Government / project implementation documents	Quantified project envelope	37 GW park under construction; >11 GW reported realised by early 2026 in the State address.	Project-specific land, evacuation and PPA / OA arrangements.	Developer-specific allotment, connectivity and commissioning process.	State Government; GPCL / implementing agencies; GETCO; GEDA	https://cms.neva.gov.in/NeVA/GJ/FileStructures/Notices/d27d4222-385a-424a-8db4-b0911ebf4e02.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Do not add the park envelope to MNRE installed capacity; commissioned projects are already included in State totals.
Wind	New / existing wind	Wind projects continue under the integrated policy; sale / captive / third-party routes remain subject to GERC and grid rules.	Gujarat Integrated Renewable Energy Policy 2025; GERC Wind Order 05/2024 dated 31-Aug-2024, read with remand order dated 3-Nov-2025	Quantified current; target unquantified	17,043.76 MW physically installed at 30-Sep-2026; no separate wind-only target stated.	Tariff / PPA / OA treatment depends on route; no blanket capex subsidy stated.	GEDA registration; connectivity / OA / tender as applicable.	GEDA; GUVNL; GETCO; GERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://gercin.org/orders/orders_petition/judgement_orders?page=14	MNRE capacity is location-based. Wind tariff framework must be read with the GERC remand order of 3-Nov-2025; control period ends 31-Mar-2027.
Wind	Repowering eligibility / performance	Repowering aligned with the national policy; ageing projects receive a specific implementation route.	Gujarat Integrated Renewable Energy Policy 2025	Quantified conditions	WTGs already 25 years old on 24-Dec-2025 had to register by 24-Jun-2026. Repowered / refurbished generation must be at least 1.5 times the preceding 3-year average.	Priority connectivity / flexibility and treatment of unutilised transmission capacity are policy features; project economics remain approval-specific.	Register with GEDA and coordinate evacuation / PPA amendments with utility / STU.	GEDA; GETCO; GUVNL / DISCOM; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Verify turbine-age, land, PPA and connectivity position project by project.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Wind	Repowering implementation	Policy sets a time-bound redevelopment pathway and addresses transition of existing PPAs / connectivity.	Gujarat Integrated Renewable Energy Policy 2025	Quantified	Relief from existing PPA generation obligations during repowering: up to 24 months. PPA extension: actual repowering / refurbishment period or 2 years, whichever is less, excluding force majeure.	Existing contractual and transmission treatment remains subject to the detailed policy / SoP.	GEDA registration and utility / STU approvals.	GEDA; GUVNL / DISCOM; GETCO	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Read the detailed eligibility and extension conditions before relying on the period.
Wind / solar	Hybrid projects	Integrated wind-solar and storage configurations are recognised; hybrid projects can use captive, third-party or procurement routes.	Gujarat Integrated Renewable Energy Policy 2025; applicable GERC procurement / OA regulations	Quantified current; policy target unquantified	Solar component of hybrid projects: 1,606.86 MW at 30-Sep-2026; wind component remains within MNRE wind total.	Tariff / grid charges depend on procurement / OA route.	GEDA registration; GUVNL tender or OA / captive route; GETCO connectivity.	GEDA; GUVNL; GETCO; GERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://www.gercin.org/regulations/re_regulations	Avoid adding hybrid solar component again to solar total.
Storage	Standalone / co-located BESS	State policy promotes standalone and co-located BESS; GERC issued the final Grid Interactive BESS Regulations, Notification 10 of 2026, on 16-Oct-2026.	Gujarat Integrated Renewable Energy Policy 2025; GERC Grid Interactive BESS Regulations 2026	Unquantified	No single State-wide BESS MW / MWh target stated in the cited umbrella policy.	Procurement / tariff / VGF is tender- or scheme-specific.	GEDA registration plus GUVNL / GETCO / GERC route according to ownership and use case.	GEDA; GUVNL; GETCO; SLDC; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://gercin.org/viewdocument/TmV3TmV3c18xMzFfMTc5MiE1NzgzNw%3D%3D	The final BESS regulations replace the draft-only position; commencement is linked to publication in the Official Gazette.
Storage	Strategic BESS / ancillary services	Policy allows identification of strategic storage locations and participation in system / ancillary-service use cases as regulations permit.	Gujarat Integrated Renewable Energy Policy 2025	Unquantified	Strategic locations to be identified by the State nodal agency with GETCO / SLDC / DISCOMs; no aggregate capacity stated.	Market / capacity / ancillary-service remuneration is governed by the applicable regulatory framework.	Project-specific utility / grid approval.	GEDA; GETCO; SLDC; DISCOMs; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf https://gercin.org/viewdocument/TmV3TmV3c18xMzFfMTc5MiE1NzgzNw%3D%3D	Policy recognition does not itself create a guaranteed revenue stream.
Cross-sector	Emerging technologies / R&D / start-ups	Policy recognises ocean, geothermal, concentrated solar thermal, BIPV, road-integrated PV, agrivoltaics and vertical-axis wind, among others.	Gujarat Integrated Renewable Energy Policy 2025	Unquantified	No technology-wise MW target stated in the umbrella policy.	R&D / start-up facilitation is subject to programme / guideline issuance.	GEDA / designated State programme route.	Energy & Petrochemicals Department; GEDA	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Recognition is not equivalent to an approved subsidy.
Cross-sector	Renewable-energy attributes / REC	Eligible entities may use renewable attributes / REC subject to national and GERC rules.	Gujarat Integrated Renewable Energy Policy 2025; CERC / GERC REC framework	Unquantified	No State-wide numeric REC target specified in the policy.	REC eligibility and accounting are regulation-specific.	Register / accredit through the applicable nodal-agency and registry process.	GEDA; GERC; CERC-designated registry	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://www.gercin.org/regulations/re_regulations	Do not double-count physical power and environmental attributes where rules prohibit it.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	Banking / energy settlement	Banking and settlement for Green OA projects follow the GERC GEOA framework rather than a separate fixed policy formula.	GERC Green Energy Open Access Regulations 2024; Sixth Amendment 19-Aug-2026 and errata listed 24-Sep-2026	Quantified current charge	₹1.00/kWh from 1-Sep-2026 to 31-Mar-2027; annual methodology from 1-Apr-2027, subject to a GERC order continuing the existing charge if determination is delayed.	Banking facility / settlement subject to GERC conditions and DISCOM accounting.	Apply under the Green OA / DISCOM process.	GERC; DISCOM; SLDC	https://gercin.org/viewdocument/TmV3TmV3c18xMDdfMTc4NzMwMzkzOA%3D%3D	30% is a minimum banking quantum. GERC lists an errata dated 24-Sep-2026; its full text could not be retrieved. Banking-formula reliance remains subject to that errata.
Green OA	Eligibility threshold	Consumers with qualifying load may seek Green Energy Open Access; captive users are treated separately under the regulation.	GERC Green Energy Open Access Regulations 2024, as amended	Quantified threshold	100 kW or more contracted demand / sanctioned load, including eligible aggregation within the same electricity division; threshold does not apply to captive consumers.	Transmission, wheeling, CSS / AS and other charges apply as prescribed.	Apply through the designated Green OA / licensee procedure.	GERC; State nodal / transmission / distribution agencies	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Check aggregation and captive-status conditions before application.
Green OA	Banking quantum	GERC requires banking to be available at a minimum stated level, with monthly / billing-cycle accounting.	GERC Green Energy Open Access Regulations 2024, as amended	Quantified minimum	Banking to be permitted to at least 30% of total consumption from the distribution licensee during the billing period.	Banking charge applies to banked energy under the regulation.	DISCOM energy-accounting / OA process.	GERC; DISCOM; SLDC	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Do not describe 30% as a maximum cap; the operative wording is “at least 30%”.
Green OA	Multi-location wheeling	Policy permits specified multi-location wheeling from one RE project, with an additional distribution-licensee charge.	Gujarat Integrated Renewable Energy Policy 2025	Quantified charge	5 paise/kWh on energy injected at the receiving-end STU substation to the concerned DISCOM, plus applicable transmission charges and losses.	Charge is additional to applicable network charges / losses.	GEDA / GETCO / DISCOM approvals and wheeling arrangement.	GEDA; GETCO; DISCOM; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Guiarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	Verify voltage level, receiving point and agreement structure for the actual project.
Green OA	Cross-subsidy surcharge	CSS treatment depends on consumer / transaction classification; captive treatment follows the Electricity Rules and GERC regulations.	GERC Green Energy Open Access Regulations 2024, as amended	Tariff-specific	CSS rate varies by licensee and consumer category under the applicable tariff order.	CSS applies except where an express statutory / regulatory exemption is available.	OA application and monthly billing.	GERC; DISCOM	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Do not assume a renewable-energy exemption merely because power is green.
Green OA	Additional surcharge	Additional surcharge treatment is governed by GERC orders / regulations and the applicable consumer route.	GERC Green Energy Open Access Regulations 2024, as amended	Tariff-specific; exemptions prescribed	No additional surcharge to the extent of contract demand maintained with the DISCOM. Excess OA quantum without fixed / demand charges attracts the applicable rate.	Regulation 17.4 also exempts qualifying captive use and specified technologies; applicable surcharge reduces to zero within 4 years of continuous Green OA.	OA billing / regulatory process.	GERC; DISCOM	https://staging.gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf	Verify the current tariff / surcharge order for the relevant licensee.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	Competitive procurement	DISCOM procurement of RE / storage remains bid- and adoption-order specific.	Gujarat Integrated Renewable Energy Policy 2025; GERC tariff / procurement framework	Quantified per tender	MW, tariff, commissioning schedule and security are tender-specific.	No generic tariff is inferred from the State policy.	GUVNL / DISCOM tender followed by GERC adoption / approval as required.	GUVNL; DISCOMs; GERC	https://www.gseb.com/ https://staging.gercin.org/wp-content/uploads/2024/08/Order-No.-6-of-2024-TARIFF-FRAMEWORK-FOR-PROCURMENT-OF-POWER-BY-DISTRIBUTION-LICENSEES-AND-OTHERS-FROM-SOLAR-ENERGY-PROJECTS-AND-OTHER-COMMERCIAL-ISSUES-FOR-THE-STATE-OF-GUJARAT.pdf https://gercin.org/wp-content/uploads/2024/08/Order-No.-5-of-2024-dated-31.08.2024-Tariff-Framework-for-Procurement-of-Power-by-Distribution-licensees-and-Others-from-Wind-Power-Projects-for-State-of-Gujarat.pdf	Use the specific bid document and adopted tariff for financing.
Cross-sector	Captive / third-party solar connectivity security	Captive / third-party solar projects using the wheeling route provide a bank guarantee under the applicable connectivity / DISCOM procedure to secure timely project and evacuation implementation.	Gujarat Integrated Renewable Energy Policy 2025; GERC-approved connectivity procedure; MGVCL Akshay Urja PBG format	Quantified current utility format	MGVCL current Akshay Urja PBG format: ₹10 lakh/MW of AC capacity for captive / third-party solar projects entering wheeling arrangements.	Security deposit / bank guarantee; not a subsidy. Other utilities / project routes should use their applicable current format.	Stage-II connectivity / wheeling process with the relevant DISCOM / STU; execute the prescribed PBG format.	GETCO / relevant DISCOM; GEDA	https://www.mgvcl.com/Upload/solarpower/2026/Akshayurja%20PBG%20Format%20for%20Captive-third%20party%20solar.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf	₹10 lakh/MW is the MGVCL captive / third-party solar format. Other utilities and technologies follow their applicable security formats.
Cross-sector	Evacuation timelines	Policy / SoP provides voltage-linked timelines for evacuation infrastructure after connectivity agreement.	Gujarat Integrated Renewable Energy Policy 2025 / SoP	Quantified	Up to 11 kV: 12 months; 66 kV: 18; 132 kV: 24; 220 kV: 30; 400 kV: 36; extension up to 6 months with applicable charges.	Developer / utility cost responsibility depends on the approved connectivity arrangement.	Connectivity agreement, evacuation execution and commissioning through GETCO / DISCOM.	GETCO; DISCOM; GEDA	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	The timeline starts from the relevant connectivity / agreement milestone; verify SoP conditions.
Cross-sector	Registration / single window	GEDA registration covers RE / BESS projects under the integrated policy. Its SoP excludes RE supplying green-hydrogen / ammonia units and excludes pumped-storage hydro projects.	Gujarat Integrated Renewable Energy Policy 2025; GEDA SoP approved 5-May-2026	Quantified process date	SoP approved 5-May-2026; online registration / approval / allocation framework provided.	Fees and project approvals are process-specific.	Use GEDA RE portal and utility / grid modules as applicable.	GEDA; GETCO; DISCOM; GUVNL	https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf https://srtgeda.gujarat.gov.in/ https://geda.gujarat.gov.in/	Hydrogen-linked RE and PSPs follow their separate policy / agency routes. The integrated policy prevails over any inconsistent SoP provision.
Cross-sector	Renewable Purchase Obligation	GERC specifies technology-bucket and total RPO trajectories for obligated entities.	GERC Procurement of Energy from Renewable Sources Regulations 2025	Quantified	FY 2026-27 total 35.95%: wind 1.97%, hydro 1.34%, distributed 2.70%, other RE 29.94%; FY 2029-30 total 43.33%.	Compliance through eligible renewable energy / certificates as permitted.	Obligated-entity compliance and reporting under GERC framework.	GERC; obligated entities	https://staging.gercin.org/wp-content/uploads/2025/08/ViewPdf2.pdf	RPO percentage is an energy-obligation metric, not installed-capacity share.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	State mission / scale	State policy covers production, derivatives, storage, transport, applications, hubs and enabling infrastructure.	Gujarat Green Hydrogen Policy 2025	Quantified	3 MMTPA GH2 by 2035; about 30 GW electrolysers; 75 GW RE; about ₹5 lakh crore investment; about 6 lakh jobs.	Policy contains project-category subsidies and demand-side reimbursements.	GPCL nodal route. Production / consumption EOIs issued 31-Aug-2026 under GSHIFT; hub EOI issued 7-Sep-2026. EOIs are market-interest exercises, not incentive awards.	Energy & Petrochemicals Department; GPCL	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_production_31082026.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_Component_H2_Hub_developer_07092026.pdf	Policy remains in force to 31-Dec-2035 or replacement, whichever is earlier.
Green hydrogen	Electrolysis-based projects	Small / mid-sized electrolysis projects receive capital, grid-charge and land-registration support.	Gujarat Green Hydrogen Policy 2025	Quantified	Eligible electrolyser 1-10 MW; overall 500 MW; max benefits per beneficiary 10 MW; 20% capex up to ₹1 crore/MW.	Associated BESS, oxygen capture, grid-charge and stamp-duty support are separately capped.	GPCL selection through competitive bidding / committee directions under GSHIFT Component A; registration and sanction within the policy period. New plant / machinery and eligible RE required.	GPCL / State committees	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	A beneficiary may claim under only one of Sections 9.1, 9.2, 9.3, 9.7 and 9.8. Production EOI dated 31-Aug-2026 originally closed 21-Sep-2026; it is not an award.
Green hydrogen	Biomass-based production	Biomass-based green hydrogen receives a separate capped project route.	Gujarat Green Hydrogen Policy 2025	Quantified	Up to 5 kTPA per project; max 5 projects; 20% capex up to ₹8 crore/kTPA, capped ₹40 crore/project.	100% land-registration / stamp-duty reimbursement up to ₹10 lakh/project.	GPCL production selection under GSHIFT Component A; registration, sanction and milestone-based disbursement. The 31-Aug-2026 EOI is a market-discovery exercise.	GPCL / State committees	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Maximum benefit under this section is limited as specified in the policy.
Green hydrogen	Green hydrogen hubs / desalination	Policy supports cluster infrastructure and water-supply infrastructure for hydrogen hubs.	Gujarat Green Hydrogen Policy 2025	Quantified	Hubs: 20% capex up to ₹35 crore/hub, max 2 hubs, each at least 3 kTPA; desalination: first 5 plants, 20% capex up to ₹2 crore/MLD for 1-5 MLD.	Hub land-registration / stamp-duty reimbursement up to ₹10 lakh; desalination support limited to eligible / contracted hydrogen-use capacity.	GPCL hub selection; EOI issued 7-Sep-2026. Component C hub guidelines are described in that EOI as to be issued; selection and sanction remain necessary.	GPCL; GIDC; water / port authorities	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	A hub needs at least 10 industrial units, including 1 GH2 producer. Desalination support for multi-use plants is limited to contracted hydrogen-use capacity within the hub.
Green hydrogen	MSME / CGD demand support	Policy subsidises actual green-hydrogen consumption for industrial MSMEs and CGD blending.	Gujarat Green Hydrogen Policy 2025	Quantified	₹50/kg for 5 years; MSME pool cap ₹250 crore and ₹25 crore/MSME; CGD pool cap ₹250 crore and ₹50 crore/operator.	Reimbursement is output / use-linked, not capex support.	GPCL GSHIFT Component B framework; consumption EOI dated 31-Aug-2026. Reimbursement requires eligible use and the applicable allocation / disbursement process.	GPCL; implementing committee; CGD / MSME beneficiaries	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_Consumption_31082026.pdf	CGD blending remains subject to prevailing Government of India norms.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	Mobility / refuelling	Policy creates early-demand support for hydrogen stations, buses and heavy-duty vehicles.	Gujarat Green Hydrogen Policy 2025	Quantified	Refuelling: 30% capex up to ₹4 crore/station, first 20, max 3/beneficiary; buses: 30% up to ₹50 lakh, first 500; heavy-duty: 30% up to ₹50 lakh, first 100.	Capital subsidy subject to eligible components / public-body beneficiary conditions.	Apply under nodal-agency guidelines and procurement / sanction process.	GPCL; State departments / PSUs / GSRTC / local bodies	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Check beneficiary class and disbursement guideline before procurement.
Green hydrogen	Associated RE / grid enabling	State commits facilitation for linked RE, dedicated green transmission corridor planning and grid strengthening.	Gujarat Green Hydrogen Policy 2025	Quantified for charge support; corridor size unquantified	Electrolysis route: 50% reimbursement of transmission and wheeling charges for first 5 years; transmission reimbursement capped at 4 MW transmission capacity per 1 MW electrolyser.	Other transmission / wheeling charges and losses apply as determined by CERC / GERC.	Coordinate GPCL, GEDA, GETCO / CTU and GIDC where applicable.	GPCL; GEDA; GETCO; GIDC; GERC	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Policy also notes electricity-duty treatment under the Gujarat Electricity Duty Act.
Pumped storage	State PSP scale / operative period	Dedicated State policy for pumped storage, grid integration, storage obligations and project development.	Gujarat Pumped Storage Project Policy 2025	Quantified	75 GWh storage and 75 PSP units by 2035; about ₹75,000 crore investment; 100 PSPs by 2047. Policy runs for 10 years from issuance on 24-Dec-2025, or until replacement.	Eligible commissioned projects may receive specified policy incentives for up to 40 years or project life, whichever is earlier.	Project identification / allotment / approval through the policy route.	Energy & Petrochemicals Department; GUVNL; GPCL	https://guj-epd.gujarat.gov.in/Home/gujarat-pumped-storage-policy	January-2026 corrigendum to Clause 2.2 changes the ten-year start from Gazette notification to policy issuance. Storage energy and project count are separate targets.
Pumped storage	Project route / current operating status	Policy supports multiple allocation categories including public / bid / self-identified routes; current constructed PSP machines must be distinguished from pumping availability.	Gujarat Pumped Storage Project Policy 2025; CEA / WRPC status	Quantified	Kadana 240 MW + Sardar Sarovar RBPH 1,200 MW are listed PSPs; CEA June-2026 report records both as not operational in pumping mode.	Electricity-duty exemption on input RE is subject to amendment of the Electricity Duty Act. Category-specific water / project terms apply under the policy.	State-policy allocation plus CEA / grid approvals and water / land clearances.	GUVNL; GPCL; CEA; GETCO / SLDC; water authority	https://guj-epd.gujarat.gov.in/Home/gujarat-pumped-storage-policy https://cea.nic.in/wp-content/uploads/pumpedstorage/2026/06/PSP_In_Operation_2.pdf	Do not describe 1,440 MW as operational storage merely because it is listed under PSP capacity.
Hydro	Small hydro	Projects up to 25 MW can access the current central SHP development scheme; Gujarat tariff / procurement treatment is governed by GERC.	MNRE SHP Development Scheme FY 2026-27 to FY 2030-31; GERC Order 04 of 2026 dated 9-Sep-2026	Quantified central scheme	Gujarat small hydro physically installed: 113.30 MW at 30-Sep-2026; central scheme covers 1-25 MW projects.	Central CFA: ordinary locations 20% of lower of actual / CERC normative cost, cap ₹20 crore; international-border districts 30%, cap ₹30 crore. GERC tariff treatment follows Order 04/2026.	Apply under MNRE / SECI scheme and obtain State / water / grid approvals.	MNRE / SECI; GERC; State water / power authorities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nrep.mnre.gov.in/guidelines-shp https://gercin.org/viewdocument/T3JkZXJzX2ZpbGVzXzU3NjJfMTAtMDktMjAyNl82NjY3MTA1	Fresh scheme applications close 31-Dec-2030; first CFA instalment requires a State / DISCOM PPA of at least 15 years and the prescribed progress / security conditions.
Grid operations	Forecasting / scheduling / DSM	Wind and solar scheduling, forecasting and deviation treatment follow the GERC framework and SLDC procedures.	GERC Forecasting / Scheduling / Deviation Settlement Regulations 2019, as applicable; Gujarat Electricity Grid Code 2026, Notification 09/2026 dated 7-Oct-2026	Regulation / order-specific	DSM rates and bands follow the applicable instrument. Gujarat Electricity Grid Code 2026 supersedes the 2013 Grid Code from Gazette publication on 7-Oct-2026.	Scheduling, metering, telemetry and deviation charges apply as prescribed.	Register / schedule through Gujarat SLDC and comply with metering / telemetry requirements.	GERC; Gujarat SLDC; GETCO	https://gercin.org/viewdocument/TmV3TmV3c18xMjdfMTc5MTM4Njc2NQ%3D%3D https://www.sldcguj.com/	Use live SLDC procedures and the current regulation for settlement calculations.

SHEET 5 OF 8

Financial Support

Incentives, charge treatment and quantified programme support

Benefits are not automatic entitlements: verify the live implementing order, project eligibility, sanction and available allocation.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Green hydrogen—electrolyser	Electrolysis-based GH2 project with 1-10 MW electrolyser	Capital subsidy on eligible components	20% capex, up to ₹1 crore/MW; overall eligible electrolyser cap 500 MW; max benefit 10 MW/beneficiary	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Project registered and sanctioned within the policy period; new plant / machinery. Allocation through competitive bidding / committee directions under GSHIFT Component A.
Green hydrogen—associated BESS	Dedicated BESS associated with eligible electrolysis GH2 project	Capital subsidy on eligible components	20% capex, up to ₹18 lakh/MWh; max BESS 4.50 MWh per MW electrolyser	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Available only within the eligible electrolysis project route and subject to sanction.
Green hydrogen—oxygen recovery	Oxygen collection / bottling system associated with eligible electrolysis project	Capital subsidy on eligible components	20% capex, up to ₹20 lakh/MW electrolyser; minimum system 0.8 kTPA/MW electrolyser	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Oxygen system must be associated with the eligible GH2 project and commissioned during the policy operative period.
Green hydrogen—grid charges	RE used for eligible electrolysis-based GH2 production	Reimbursement of transmission and wheeling charges	50% for first 5 years; transmission reimbursement limited to 4 MW transmission capacity per 1 MW electrolyser	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Other charges / losses remain subject to CERC / GERC; verify commissioning date and eligible RE.
Green hydrogen—land / stamp duty	Land purchase / lease for eligible electrolysis GH2 project	Registration and stamp-duty reimbursement	100% reimbursement up to ₹5 lakh/project	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Subject to eligible project registration / sanction.
Green hydrogen—biomass route	Biomass-based GH2 project up to 5 kTPA; maximum 5 projects	Capital subsidy plus land / stamp-duty reimbursement	20% capex up to ₹8 crore/kTPA, max ₹40 crore/project; land / stamp duty up to ₹10 lakh/project	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Maximum one project benefit per beneficiary under the section.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Green hydrogen—hub	Eligible GH2 hub covering production, storage, transport and distribution	Capital subsidy plus land / stamp-duty reimbursement	20% capex up to ₹35 crore/hub; max 2 hubs; >=3 kTPA/hub; land / stamp duty up to ₹10 lakh/hub	Quantified	Gujarat Green Hydrogen Policy 2025	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_Component_H2_Hub_developer_07092026.pdf	Minimum 10 industrial units, including 1 GH2 producer. Hub EOI dated 7-Sep-2026 is a market-interest exercise; Component C guidelines / selection and sanction conditions apply.
Green hydrogen—desalination	Desalination plant supplying an eligible GH2 hub / producer	Capital subsidy on eligible components	20% capex for first 5 plants, max ₹2 crore/MLD; eligible plant size 1-5 MLD	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	For multi-use plants, support is restricted to capacity contracted for green-hydrogen use.
Green hydrogen—MSME use	Registered MSME with operating unit in Gujarat using green hydrogen industrially	Per-kg reimbursement	₹50/kg for 5 years; overall pool ₹250 crore; cap ₹25 crore/MSME	Quantified	Gujarat Green Hydrogen Policy 2025	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_Consumption_31082026.pdf	Eligible industrial use in Gujarat under GSHIFT Component B; consumption EOI dated 31-Aug-2026 is not an incentive sanction.
Green hydrogen—CGD blending	CGD operator blending green hydrogen in CNG / PNG network in Gujarat	Per-kg reimbursement	₹50/kg for 5 years; overall pool ₹250 crore; cap ₹50 crore/operator	Quantified	Gujarat Green Hydrogen Policy 2025	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_Consumption_31082026.pdf	Subject to prevailing Government of India blending norms.
Green hydrogen—passenger buses	Eligible public / PSU / local-body procurement	Capital subsidy	30% capex up to ₹50 lakh/vehicle; first 500 GH2 passenger buses	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Beneficiary class and procurement / disbursement conditions apply.
Green hydrogen—heavy-duty vehicles	Eligible on-road / off-road heavy-duty vehicles for specified public bodies	Capital subsidy	30% capex up to ₹50 lakh/vehicle; first 100 vehicles	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Check beneficiary and eligible-vehicle conditions.
Green hydrogen—refuelling stations	Hydrogen refuelling stations for vehicles, ships and vessels	Capital subsidy on eligible station components	30% capex up to ₹4 crore/station; first 20 stations; max 3 stations/beneficiary	Quantified	Gujarat Green Hydrogen Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Eligible components are specified in the policy / guidelines.
Wind repowering	Eligible ageing wind project under repowering framework	Priority / grid and contract facilitation rather than a blanket capital grant	WTGs already 25 years old at 24-Dec-2025: registration by 24-Jun-2026; up to 24 months PPA generation-obligation relief; extension for actual repowering period, capped at 2 years.	Quantified conditions	Gujarat Integrated Renewable Energy Policy 2025	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Verify project age, generation uplift, PPA and connectivity terms.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Pumped storage	Eligible PSP under the 2025 State policy	Policy incentive package includes electricity-duty / water-charge treatment for specified categories	Benefits may continue up to 40 years from commissioning or project life, whichever is earlier	Quantified period; project benefit varies	Gujarat Pumped Storage Project Policy 2025	https://guj-epd.gujarat.gov.in/Home/gujarat-pumped-storage-policy https://cms.neva.gov.in/NeVA/GJ/FileStructures/Notices/d27d4222-385a-424a-8db4-b0911ebf4e02.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	Electricity-duty exemption on input renewable energy is subject to amendment of the Electricity Duty Act; exact water-charge treatment depends on policy category / allocation.
RE multi-location wheeling	Eligible multi-location wheeling from one RE project	Additional DISCOM charge plus applicable transmission charges / losses	5 paise/kWh on energy injected at receiving-end STU substation to concerned DISCOM	Quantified charge	Gujarat Integrated Renewable Energy Policy 2025	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	This is a charge, not a subsidy; verify project configuration.
Residential rooftop solar	Eligible residential rooftop consumers	Central financial assistance under PM Surya Ghar; Gujarat regulatory / DISCOM process applies	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at sanction	PM Surya Ghar: Muft Bijli Yojana	https://pmsuryaghar.gov.in/ https://mnre.gov.in/en/grid-connected-solar-rooftop-programme/ https://suryagujarat.guvnl.in/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use current portal entitlement; do not rely on historic SURYA-Gujarat subsidy tables.
Bioenergy programme	Eligible waste-to-energy / biomass / biogas projects under current MNRE programme	Phase-I central CFA is conditional on sanction and available funds; it is not an open-ended entitlement.	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	MNRE National Bioenergy Programme / current guidelines	https://biourja.mnre.gov.in/ https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	Waste-to-energy proposals from 17-Oct-2024 and biomass proposals from 10-Oct-2024 are subject to Phase-II budget approval; unsanctioned applications await further funds. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Small hydro central scheme	New eligible 1-25 MW SHP projects	Central financial assistance	Ordinary locations: 20% of lower of actual / CERC normative cost, cap ₹20 crore; international-border districts: 30%, cap ₹30 crore. Scheme FY 2026-27 to FY 2030-31.	Quantified	MNRE SHP Development Scheme	https://nrep.mnre.gov.in/guidelines-shp	New 1-25 MW SHP projects. Fresh applications by 31-Dec-2030; first instalment requires a State / DISCOM PPA of at least 15 years plus specified progress and security.

SHEET 6 OF 8

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Gross metering | Net billing

This sheet separates enforceable GERC rules from State-policy proposals and draft regulations. Rates are shown only where a current official instrument specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green open-access eligibility	Green OA available to qualifying consumers; captive users are exempt from the minimum-load threshold.	100 kW or more contracted demand / sanctioned load; aggregation allowed for eligible connections in the same electricity division.	Green OA consumers / generators; captive consumers subject to captive rules.	GERC GEOA Regulations 2024, as amended	GERC; designated nodal agency; DISCOM / STU	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Confirm load aggregation and captive status before application.
Green OA aggregation / captive	Multiple connections can be aggregated only as the regulation permits; captive users are treated under the captive framework.	100 kW threshold does not apply to captive consumers.	Eligible OA users.	GERC GEOA Regulations 2024, as amended	GERC; DISCOM / STU	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Do not use aggregation across areas not allowed by the regulation.
Green OA banking period	Banking is accounted within the billing cycle; banked energy is not treated as an indefinite carry-forward.	One calendar month / billing cycle.	RE Green OA users availing banking.	GERC GEOA Regulations 2024, as amended	DISCOM; SLDC; GERC	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Use 15-minute energy data / settlement rules where prescribed.
Green OA banking quantum	Regulation requires a minimum banking availability linked to DISCOM consumption.	At least 30% of total consumption from the distribution licensee during the billing period.	Green OA users availing banking.	GERC GEOA Regulations 2024, as amended	GERC; DISCOM	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	This wording is not a 30% maximum cap.
Green OA banking charge	GERC Sixth Amendment replaces the earlier interim charge and moves to a formula-based method thereafter.	₹1.00/kWh from 1-Sep-2026 to 31-Mar-2027; annual methodology from 1-Apr-2027, subject to a GERC order continuing the existing charge if determination is delayed.	RE OA consumers using banking.	GERC Sixth Amendment, Notification 07/2026 dated 19-Aug-2026; errata listed 24-Sep-2026, Notification 08/2026	GERC; DISCOMs	https://gercin.org/viewdocument/TmV3TmV3c18xMDdfMTc4NzMwMzkzOA%3D%3D https://gercin.org/regulations/re_regulations	Errata dated 24-Sep-2026 is listed by GERC, but its full text could not be retrieved. Verify its effect before relying on the banking formula or related financial estimates.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green OA without banking	Consumer may operate without the banking facility; energy accounting then follows the applicable block-wise settlement framework.	15-minute block accounting; the option cannot be changed for 3 years from operationalisation of OA under that option.	Green OA consumer opting out of banking.	GERC GEOA Regulations 2024, as amended	SLDC; DISCOM; GERC	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.gercin.org/regulations/re_regulations	Surplus after 15-minute adjustment is inadvertent flow; the consumer is not entitled to REC for that lapsed energy.
Residential solar banking	Integrated policy indicates no banking charge for solar energy consumed by residential consumers under the eligible framework.	No banking charge for the specified residential-solar treatment.	Eligible residential solar consumers.	Gujarat Integrated Renewable Energy Policy 2025 read with GERC rooftop framework	GEDA; DISCOM; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://www.gercin.org/regulations/re_regulations	Apply only where the consumer / metering arrangement falls within the operative provision.
Transmission / wheeling	Network charges and losses are applied under GERC / CERC and utility rules according to voltage and route.	Tariff-order / regulation specific.	OA / captive / third-party RE transactions.	GERC GEOA Regulations; applicable tariff orders	GERC; GETCO; DISCOM	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://www.getcogujarat.com/	Transmission / wheeling charges depend on voltage, licensee and the applicable tariff order.
Multi-location wheeling	Specific policy treatment for wheeling from one RE project to multiple consumption locations.	5 paise/kWh to concerned DISCOM on energy injected at receiving-end STU substation, plus transmission charges / losses.	Eligible multi-location RE arrangement.	Gujarat Integrated Renewable Energy Policy 2025	GEDA; GETCO; DISCOM; GERC	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	Verify project voltage, injection point and agreement.
Cross-subsidy surcharge	CSS is governed by GERC and consumer / transaction classification.	Rate varies by licensee / consumer category / period.	Third-party OA users unless exempt.	GERC GEOA Regulations and tariff orders	GERC; DISCOM	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://gercin.org/	Captive exemption applies only when statutory captive conditions are met.
Additional surcharge	GERC Regulation 17.4 exempts additional surcharge to the extent of contract demand maintained with the distribution licensee.	Excess Green OA without fixed / demand charges attracts the applicable surcharge; the surcharge reduces to zero within 4 years of continuous Green OA.	OA users where applicable.	GERC GEOA Regulations and tariff orders	GERC; DISCOM	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf https://gercin.org/	Qualifying captive use, municipal-solid-waste power and specified offshore-wind projects have express exemptions under Regulation 17.4.
Metering / energy accounting	ABT-compliant / appropriate meters, telemetry and energy accounting apply according to grid / OA / rooftop route.	15-minute block data for Green OA banking methodology and relevant scheduling.	OA generators / consumers and other grid-connected RE as applicable.	Gujarat Electricity Grid Code 2026, Notification 09/2026 dated 7-Oct-2026; applicable CEA metering / GERC OA rules	GETCO; SLDC; DISCOM; GERC	https://gercin.org/viewdocument/TmV3TmV3c18xMjdfMTc5MTM4Njc2NQ%3D%3D https://www.sldcguj.com/	The 2026 Grid Code supersedes the 2013 Code. Technical requirements depend on voltage, project type and connection route.
Forecasting / scheduling / DSM	Solar and wind forecasting, scheduling and deviation settlement remain governed by the dedicated GERC regulations.	Rates / bands as per operative regulation / order.	Grid-connected wind / solar generators within scope.	GERC Forecasting / Scheduling / Deviation Settlement Regulations 2019; Gujarat Electricity Grid Code 2026	GERC; Gujarat SLDC	https://gercin.org/viewdocument/TmV3TmV3c18xMjdfMTc5MTM4Njc2NQ%3D%3D https://www.sldcguj.com/	Use live SLDC procedure for schedule revisions and settlement.
Net metering	Rooftop solar net-metering framework remains under the GERC principal regulation and amendments through 2025.	Project / consumer limits as per current GERC regulation.	Eligible rooftop solar consumers.	GERC Net Metering Rooftop Solar PV Grid Interactive Systems Regulations and amendments	GERC; DISCOM	https://staging.gercin.org/wp-content/uploads/2025/11/GERC-Net-Metering-Rooftop-Solar-PV-Grid-Interactive-Systems-5th-Amendment-Regulations-2025-Gazette.pdf https://gercin.org/regulations/re_regulations	Fifth Amendment, 3-Nov-2025: no separate written connectivity agreement for PM Surya Ghar systems; DISCOM communicates commencement and the surplus-purchase rate.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop feasibility up to 10 kW	Complete rooftop applications up to the specified capacity receive simplified feasibility treatment.	Up to 10 kW: complete application deemed accepted without a separate technical-feasibility study under the 2024 amendment, subject to its conditions.	Eligible rooftop applicants.	GERC Net Metering Fourth Amendment, 6-Sep-2024	DISCOM; GERC	https://www.gercin.org/regulations/re_regulations https://suryagujarat.guvnl.in/	System-strengthening / cost treatment still follows the regulation.
Rooftop system strengthening	Regulation differentiates treatment of distribution-system strengthening by rooftop capacity.	Up to 6 kW cost included in ARR; above 6 kW treatment / recovery as specified by GERC.	Eligible rooftop consumers requiring system strengthening.	GERC Net Metering Fourth Amendment, 2024	DISCOM; GERC	https://www.gercin.org/regulations/re_regulations	Verify the current schedule of charges before application.
Rooftop surplus settlement	Surplus rooftop energy is compensated / credited under the operative GERC settlement methodology.	Tariff / methodology varies by consumer / ownership arrangement and current regulation.	Rooftop consumers with surplus export.	GERC rooftop regulations and amendments	DISCOM; GERC	https://www.gercin.org/regulations/re_regulations https://suryagujarat.guvnl.in/	The applicable surplus-purchase rate depends on the consumer / ownership arrangement and operative GERC / DISCOM terms.
Group net metering	State policy supports allocation models across eligible connections, subject to GERC implementation.	Allocation and eligibility remain subject to the operative GERC framework.	Eligible consumers / premises under operative regulation.	Gujarat Integrated Renewable Energy Policy 2025; GERC rooftop framework	GERC; DISCOM	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf https://www.gercin.org/regulations/re_regulations	Check current regulation / order before structuring a project.
Virtual net metering	GERC has considered incorporation of virtual net metering; a specific order was issued in Petition 2530/2025.	Order dated 27-Aug-2026.	Participating consumers where the order / subsequent regulation permits.	GERC Order in Petition 2530/2025	GERC; DISCOM	https://gercin.org/orders/orders_petition/judgement_orders https://gercin.org/	Read the order and any implementing regulation before relying on project mechanics.
Draft distributed-RE framework	GERC issued a draft Grid Interactive Distributed Renewable Energy Sources Regulations, 2026.	Draft dated 15-May-2026.	Distributed RE projects if / when final regulations are notified.	Draft GERC Distributed RE Regulations 2026	GERC	https://gercin.org/regulations/draft_regulations	Draft only; not treated as enforceable.
RPO—FY 2026-27	Total RPO is split across wind, hydro, distributed and other RE buckets.	35.95% total: wind 1.97%; hydro 1.34%; distributed 2.70%; other RE 29.94%.	GERC obligated entities.	GERC Procurement of Energy from Renewable Sources Regulations 2025	GERC	https://staging.gercin.org/wp-content/uploads/2025/08/ViewPdf2.pdf	Energy-obligation percentage, not installed-capacity share.
RPO—FY 2029-30	RPO trajectory rises through FY 2029-30.	43.33% total: wind 3.48%; hydro 1.33%; distributed 4.50%; other RE 34.02%.	GERC obligated entities.	GERC Procurement of Energy from Renewable Sources Regulations 2025	GERC	https://staging.gercin.org/wp-content/uploads/2025/08/ViewPdf2.pdf	Use the live regulation for compliance treatment / carry-forward.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Gujarat renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Gujarat tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar and associated CFA / implementation framework	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at application / sanction	MNRE; DISCOMs / designated State agencies	https://pmsuryaghar.gov.in/ https://mnre.gov.in/en/grid-connected-solar-rooftop-programme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use for eligible household rooftop projects; separate from GERC metering / settlement.
Agricultural solar	PM-KUSUM	Decentralised plants, standalone solar pumps and feeder / pump solarisation through Components A, B and C	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; Gujarat DISCOMs / State implementing agencies	https://pmkusum.mnre.gov.in/landing.htm https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=209&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Extended completion dates apply to eligible previously sanctioned projects; they do not establish a fresh general application window. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Grid / transmission	Green Energy Corridor / transmission strengthening	Intra-State evacuation and transmission strengthening for renewable-energy integration	Project / phase-specific central and State funding	Quantified per approved scheme	MNRE / Ministry of Power; GETCO; State Government	https://mnre.gov.in/en/green-energy-corridor/ https://www.getcogujarat.com/	Useful for understanding network-enablement support; not a developer cash subsidy unless the scheme expressly provides it.
Bioenergy	National Bioenergy Programme—Phase I / funding restrictions	Waste-to-energy, biomass and biogas support under component guidelines; Phase-I period FY 2021-22 to FY 2025-26.	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated implementing agencies	https://biourja.mnre.gov.in/ https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also Phase-II-budget dependent.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Gujarat tracker use
Small hydro	SHP Development Scheme FY 2026-27 to FY 2030-31	New 1-25 MW small hydro projects	Eligible 1–25 MW projects; FY2026-27–FY2030-31. International-border districts: 30%, cap ₹30 crore/project; other locations: 20%, cap ₹20 crore/project. Lower of actual or CERC normative cost.	Quantified	MNRE / SECI	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Wind	National wind / repowering framework	Wind resource, turbine standards / ALMM-Wind and national repowering framework	No blanket central per-MW capex subsidy stated here	Unquantified for new Gujarat wind	MNRE; NIWE; GEDA	https://mnre.gov.in/en/wind-overview/ https://geda.gujarat.gov.in/	Use with Gujarat 2025 policy repowering conditions.
Green hydrogen	National Green Hydrogen Mission	Production, electrolyser manufacturing, hubs, pilots, R&D, standards and mission calls	Support is scheme / SIGHT tranche / award-specific	Quantified in specific calls / awards	MNRE; SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/ https://mnre.gov.in/en/document-category/hydrogen-schemes-guidelines/	Gujarat policy expressly allows NGHM support subject to both sets of eligibility rules; check double-funding limits.
Storage / PSP	Central storage / PSP frameworks	CEA / Ministry of Power appraisal, planning and procurement frameworks for storage	Approval / tender / VGF terms are scheme-specific	Quantified per sanction / tender	Ministry of Power; CEA; procuring entities	https://cea.nic.in/pumped-storage-plants/?lang=en https://cea.nic.in/hpi-report/?lang=en	Use CEA status for project stage; do not treat survey / DPR stages as commissioned capacity.
Hybrid / FDRE	Competitive procurement guidelines and tenders	Wind-solar hybrid, RTC / FDRE and co-located storage procurement	Tariff and contracted MW / MWh per bid / PPA	Quantified per procurement	GUVNL / SECI / intermediary procurer; GERC	https://www.gseb.com/ https://gercin.org/	Separate awarded capacity from Gujarat policy targets and MNRE location-based installed capacity.

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Sources

Primary Sources and Department Links

Policies, regulations, capacity data and responsible-government entry points

Official policy, regulatory and scheme documents. Document dates, reporting periods and application restrictions are stated separately.

Category	Document / authority	What it verifies	Official link	Status / date checked
State policy	Gujarat Integrated Renewable Energy Policy 2025	Umbrella RE targets, technology coverage, repowering, BESS, parks, grid and implementation provisions	https://geda.gujarat.gov.in/Gallery/Media_Gallery/Gujarat_Integrated_RE_Policy-2025_compressed.pdf	Policy dated 24-Dec-2025; reviewed 19-Oct-2026
Policy landing page	Energy & Petrochemicals Department—Gujarat Integrated Renewable Energy Policy	Official State policy entry point	https://guj-epd.gujarat.gov.in/Home/GujaratREPolicy	Department page reviewed 19-Oct-2026
Policy implementation	GEDA Standard Operating Procedure for Integrated RE Policy 2025	Registration, approval, allocation and implementation process; SoP approval date	https://geda.gujarat.gov.in/Gallery/Media_Gallery/SOP.pdf	Approved 5-May-2026; reviewed 19-Oct-2026
Policy update	MNRE Policy & Regulatory Updates—December 2025	Independent primary-government summary of Gujarat 2025 RE, hydrogen and PSP policies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/01/20260105606580019.pdf	MNRE publication; reviewed 19-Oct-2026
Current capacity	MNRE state-wise installed renewable capacity as at 30-Sep-2026	Latest location-based solar, rooftop, wind, bio, small hydro, large hydro and total RE figures	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Reporting date 30-Sep-2026; reviewed 19-Oct-2026
State project status	Gujarat Governor / State address—renewable-energy progress	Khavda 37 GW envelope, >11 GW realised; PSP target described as 75 GWh by 2035	https://cms.neva.gov.in/NeVA/GJ/FileStructures/Notices/d27d4222-385a-424a-8db4-b0911ebf4e02.pdf	Published 2026; reviewed 19-Oct-2026
Open access	GERC current RE regulations register	GEOA amendment chain including the 24-Sep-2026 errata; RPO and rooftop regulations register	https://www.gercin.org/regulations/re_regulations	Register reviewed 19-Oct-2026; errata listed 24-Sep-2026
Open access	GERC Terms and Conditions for Green Energy Open Access Regulations 2024	100 kW eligibility, aggregation, banking and other Green OA provisions	https://gercin.org/wp-content/uploads/2024/02/GERC-Terms-and-Conditions-for-Green-Energy-Open-Access-Regulations2024.pdf	Notification 08/2024; read with amendments
Open access	GERC GEOA Sixth Amendment 2026 and subsequent errata	₹1.00/kWh banking to 31-Mar-2027; annual determination thereafter, with power to continue existing charges by order if determination is delayed	https://gercin.org/viewdocument/TmV3TmV3c18xMDdfMTc4NzMwMzkzOA%3D%3D https://gercin.org/regulations/re_regulations	Sixth Amendment: 19-Aug-2026. Errata: 24-Sep-2026, Notification 08/2026; listed officially, full errata text unavailable for verification.
Open access	GERC orders / daily orders	Live proceedings / orders relevant to interpretation and implementation	https://www.gercin.org/orders_petition/daily_orders	Checked 7-Sep-2026
RPO	GERC Procurement of Energy from Renewable Sources Regulations 2025	Current RPO framework and obligated-entity treatment	https://staging.gercin.org/wp-content/uploads/2025/08/ViewPdf2.pdf	Notification dated 8-Aug-2025; Gazette publication / commencement 12-Aug-2025; reviewed 19-Oct-2026
Small hydro tariff	GERC Small Hydro Tariff Order 04 of 2026	Final tariff / commercial framework replacing the May-2026 discussion-stage reference	https://gercin.org/viewdocument/T3JkZXJzX2ZpbGVzXzU3NjJfMTAtMDktMjAyNl82NjY3MTA1	Order dated 9-Sep-2026; reviewed 19-Oct-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Rooftop regulations	GERC current renewable-energy regulations register	Principal rooftop regulation and amendments through Fifth Amendment 2025	https://www.gercin.org/regulations/re_regulations	Checked 7-Sep-2026
Rooftop regulations	GERC Net Metering Fourth Amendment 2024	Up-to-10 kW technical-feasibility treatment and system-strengthening provisions	https://www.gercin.org/regulations/re_regulations	Notification 13 of 2024 dated 6-Sep-2024; current chain reviewed 19-Oct-2026
Rooftop regulations	GERC Net Metering Fifth Amendment 2025	PM Surya Ghar separate-connectivity-agreement exemption and connectivity voltage treatment	https://staging.gercin.org/wp-content/uploads/2025/11/GERC-Net-Metering-Rooftop-Solar-PV-Grid-Interactive-Systems-5th-Amendment-Regulations-2025-Gazette.pdf	Notification 10 of 2025 dated 3-Nov-2025; reviewed 19-Oct-2026
Virtual net metering	GERC judgement / orders page—Petition 2530/2025	Order concerning incorporation of Virtual Net Metering	https://gercin.org/orders/orders_petition/judgement_orders	Order dated 27-Aug-2026; reviewed 19-Oct-2026
Draft regulation	GERC Draft Grid Interactive Distributed RE Sources Regulations 2026	Draft distributed-RE framework; not enforceable unless finalised	https://gercin.org/regulations/draft_regulations	Draft dated 15-May-2026; reviewed 19-Oct-2026
BESS regulation / Grid Code	GERC Grid Interactive BESS Regulations 2026; Gujarat Electricity Grid Code 2026	Final BESS framework and replacement of the 2013 Grid Code; commencement follows Gazette publication	https://gercin.org/viewdocument/TmV3TmV3c18xMzFfMTc5MjE1NzgzNw%3D%3D https://gercin.org/viewdocument/TmV3TmV3c18xMjdfMTc5MTM4Njc2NQ%3D%3D	BESS: 16-Oct-2026, Notification 10/2026; Grid Code: 7-Oct-2026, Notification 09/2026
Solar tariff framework	GERC Order No. 6 of 2024	Solar framework control period: 1-Apr-2023 to 31-Mar-2027; applicable project / commercial conditions	https://staging.gercin.org/wp-content/uploads/2024/08/Order-No.-6-of-2024-TARIFF-FRAMEWORK-FOR-PROCURMENT-OF-POWER-BY-DISTRIBUTION-LICENSEES-AND-OTHERS-FROM-SOLAR-ENERGY-PROJECTS-AND-OTHER-COMMERCIAL-ISSUES-FOR-THE-STATE-OF-GUJARAT.pdf	Order dated 31-Aug-2024; control period through 31-Mar-2027; reviewed 19-Oct-2026
Wind tariff framework	GERC Wind Order 05/2024 and remand order of 3-Nov-2025	Wind tariff framework read with later remand determination; control period through 31-Mar-2027	https://gercin.org/orders/orders_petition/judgement_orders?page=14	Original order 31-Aug-2024; remand order 3-Nov-2025; reviewed 19-Oct-2026
Green hydrogen	Energy & Petrochemicals Department—Gujarat Green Hydrogen Policy 2025	Official State policy entry point	https://guj-epd.gujarat.gov.in/Home/gujarat-green-hydrogen-policy	Checked 7-Sep-2026
Green hydrogen	Gujarat Green Hydrogen Policy 2025—official full policy	Detailed incentive amounts, caps, grid-charge and land-registration provisions	https://gpcl.gujarat.gov.in/assets/downloads/gujarat_green_hydrogen_policy.pdf	Policy dated 24-Dec-2025; operative until 31-Dec-2035 or earlier replacement; reviewed 19-Oct-2026
Green hydrogen	GPCL GSHIFT production, consumption and hydrogen-hub EOIs	Selection / implementation routes; market-interest exercises do not constitute incentive awards	https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_production_31082026.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_GSHIFT_Consumption_31082026.pdf https://gpcl.gujarat.gov.in/assets/downloads/EOI_Component_H2_Hub_developer_07092026.pdf	Production / consumption EOIs: 31-Aug-2026; hub EOI: 7-Sep-2026; reviewed 19-Oct-2026
Pumped storage	Gujarat PSP Policy 2025 and Clause 2.2 corrigendum	75 GWh mission, project-count targets, investment, category routes and ten-year validity from issuance	https://guj-epd.gujarat.gov.in/Home/gujarat-pumped-storage-policy	Policy issued 24-Dec-2025; January-2026 corrigendum changes validity start to issuance; reviewed 19-Oct-2026
Pumped storage	CEA State Profile on Hydro Development	Kadana 240 MW and Sardar Sarovar 1,200 MW PSP listing; pumping-mode status	https://cea.nic.in/wp-content/uploads/hpi/2024/10/State_Profile_on_Hydro_Development.pdf	CEA profile; reviewed 19-Oct-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Pumped storage	CEA—PSPs in operation, June 2026	Sardar Sarovar 1,200 MW and Kadana 240 MW listed but not operational in pumping mode	https://cea.nic.in/wp-content/uploads/pumpedstorage/2026/06/PSP_In_Operation_2.pdf	June-2026 CEA report; reviewed 19-Oct-2026
Pumped storage	CEA Hydro / PSP reports page	Current project-stage and hydro / PSP status entry point	https://cea.nic.in/hpi-report/?lang=en	Last updated 3-Sep-2026; reviewed 19-Oct-2026
Central scheme	PM Surya Ghar portal / MNRE rooftop programme	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://pmsuryaghar.gov.in/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Central scheme	PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/landing.htm https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=209&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Central scheme	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://biourja.mnre.gov.in/ https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Central scheme	MNRE Small Hydro Power Development Scheme	1-25 MW scope, ordinary / international-border district CFA, application deadline and PPA condition	https://nrep.mnre.gov.in/guidelines-shp	Administrative approval 15-May-2026; scheme FY 2026-27 to FY 2030-31; applications by 31-Dec-2030
Renewable-energy agency	Gujarat Energy Development Agency	State nodal agency and RE implementation / registration entry point	https://geda.gujarat.gov.in/	Authority link; checked 7-Sep-2026
Electricity department	Energy & Petrochemicals Department, Government of Gujarat	Official policy, utility and scheme entry point	https://guj-epd.gujarat.gov.in/	Department link; last updated 17-Jul-2026; checked 7-Sep-2026
Power utilities / grid	GUVNL; GETCO; Gujarat SLDC	Procurement / distribution holding company, transmission connectivity and system operation	https://www.gseb.com/ https://www.getcogujarat.com/ https://www.sldcguj.com/	Authority links; checked 7-Sep-2026
Industry / investment / land	GIDC; Industries Commissionerate; iNDEXTb; Revenue Department	Industrial land, incentives / industry administration, investment facilitation and revenue / land administration	https://gidc.gujarat.gov.in/ https://ic.gujarat.gov.in/ https://indextb.com/ https://revenuedepartment.gujarat.gov.in/	Department / agency links; checked 7-Sep-2026
Water / environment	Narmada, Water Resources, Water Supply & Kalpsar Department; Gujarat Pollution Control Board	Water-resource / PSP interface and environmental-consent entry points	https://guj-nwrws.gujarat.gov.in/ https://gpcb.gujarat.gov.in/	Authority links; checked 7-Sep-2026

Haryana Renewable Energy Policy Tracker

Policy review as at 19 October 2026
Installed capacity as at 30 September 2026

Updated 19 October 2026

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Synopsis

Haryana Renewable Energy: Policy and Investment Synopsis

Haryana's renewable energy framework supports rooftop solar, ground-mounted projects and bioenergy through State assistance, land-related concessions and regulated electricity sales. Developers can pursue utility procurement, captive consumption and third-party supply, with different eligibility and charge treatment.

1. Policy Overview

- Major policies: Haryana Solar Power Policy 2016 and Bio-Energy Policy 2018. The Solar Policy remains operative until replaced; Solar Policy 2023, Green Hydrogen Policy 2024 and CBG Policy 2026 remain drafts.
- Installed capacity: 3,303.74 MW at 31 August 2026, comprising 2,899.36 MW solar, 330.88 MW bio-power and 73.50 MW small hydro. Rooftop solar accounts for 1,417.40 MW within the solar total.
- Expired targets: The solar target of 3,200 MW by 2021–22 and bioenergy target of 150 MW by 2022 are historical.

2. Major Commitments and Projections

- Residential rooftop: Programme target of 2.22 lakh systems by 31 March 2027; this is a system count, not installed capacity.
- Renewable purchase obligation: The FY 2029–30 trajectory reaches 43.33%, including 4.50% distributed renewables.
- Paddy-straw power: A proposed 200 MW portfolio across 13 districts was at draft-RFP consultation stage in April 2026. It is not an awarded pipeline.

3. Investment Framework

- Household solar assistance: For eligible households with annual income up to ₹1.80 lakh, State assistance is the lower of 40% of billed cost or ₹25,000/kW. For income above ₹1.80 lakh and up to ₹3 lakh, it is the lower of 20% or ₹10,000/kW. Support covers up to 2 kW, subject to load, consumption and beneficiary limits.
- Rooftop finance: Saur Urja Protsahan provides eligible consumers interest-free distribution-utility finance of ₹19,500/kW, up to 5 kW. Repayment is through 24 monthly or 12 bi-monthly electricity bills; consumer contributions and eligibility conditions apply.
- MW-scale solar: Policy exemptions cover change-of-land-use, external-development, scrutiny and infrastructure-development charges, plus fees and stamp duty on qualifying rent/lease deeds. Current departmental implementation governs claims.
- Bioenergy: Similar planning-charge exemptions apply. Qualifying projects in B/C/D blocks receive land-instrument stamp-duty exemption; eligible air-cooled projects pay 50% of industrial water charges for non-condenser use.
- Market access: Utility solar procurement follows competitive bidding. Green open access starts at 100 kW, including eligible aggregation within one operation division; captive consumers have no minimum supply limit.

4. Principal Implications

- Rooftop configuration: Net metering is capped at 500 kW or sanctioned load/contract demand, whichever is lower, and cannot accompany open-access drawal.
- Captive banking: Restricted to qualifying single-user captive arrangements; an 8% energy charge applies, unused energy lapses within the billing cycle, and peak-hour drawal is prohibited.
- Third-party solar: The policy provides no waiver of transmission, wheeling or cross-subsidy/additional surcharges.

5. Investment Outlook

- Residential solar: State assistance and repayable finance support customer acquisition and installation demand.
- Government rooftops: Mandatory solar for government buildings above 30 kW sanctioned load and listed RESCO procurement provide tender-based opportunities.
- Paddy-straw projects: Further opportunities depend on final procurement following the draft consultation.

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Overview

Haryana Renewable Energy Policy Tracker

Policy review as at 19 October 2026 | Installed capacity as at 30 September 2026

Read definitions carefully: MNRE figures are capacity physically located in Haryana. CEA figures are contracted shares and planning-model results. The live 2016 Solar Power Policy continues until a replacement is notified, but its 2021-22 targets have expired. Targets, draft RFPs, tenders, sanctioned pumps, contracted capacity and commissioned capacity are not combined.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Haryana	3,303.74 MW	No live cross-technology State capacity target located	Quantified current; no live aggregate target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU768_6qJuCx.pdf?source=pqals https://sansad.in/getFile/loksabhaquestions/annex/187/AU3121_MQlUdq.pdf?source=pqals
Solar—total physically installed	2,899.36 MW	2016 policy target of 3,200 MW by 2021-22 has expired; do not use as a current target	Quantified current; expired target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf
Solar—ground mounted	267.76 MW	New utility-scale projects follow procurement, captive or open-access routes; no live ground-mounted MW target located	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://hareda.gov.in/document/procedure-guidelines-for-approval-of-mw-scale-ground-mounted-rooftop-projects-solar-park-for-captive-consumption-or-third-party-sale-under-haryana-solar-power-policy-2016-re-regulations-2017/
Solar—rooftop	1,417.40 MW	2.22 lakh rooftop systems by 31-Mar-2027 under the State implementation drive	Quantified current; programme target is a count	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf
Solar—off-grid / PM-KUSUM-B	1,214.20 MW	At 28-Feb-2026: 158 MW KUSUM-A sanctioned, 29.21 MW installed; 1,97,655 KUSUM-B pumps sanctioned and 1,85,582 installed	Quantified current; scheme stages separated	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars
Wind physically installed	0 MW	CEA planning model uses contracted wind shares and future tie-ups; these are not Haryana-located wind plants	Quantified current; planning scope differs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	330.88 MW	Bio-Energy Policy target of 150 MW by 2022 has expired; 200 MW paddy-straw portfolio was at draft-RFP consultation stage in Apr-2026	Quantified current; expired target and draft pipeline	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/202604141484291262.pdf
Small hydro physically installed	73.50 MW	No live State addition target located; central SHP scheme eligibility is project-specific	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nrep.mnre.gov.in/guidelines-shp
Contracted power capacity available to Haryana	16,994 MW	CEA model projects about 43,426 MW contracted capacity by FY 2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Contracted storage	200 MW	CEA Nov-2025 base: 150 MW hybrid BESS plus 50 MW Tehri PSP share; modelled storage reaches 5,308 MW by FY 2035-36	Quantified contracted / modelled	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf
Peak electricity demand	14,662 MW	CEA revised EPS projection: 21,127 MW in FY 2035-36	Quantified actual / projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf
2029-30 renewable purchase obligation	Not an installed-capacity measure	43.33% total: wind 3.48%, hydro 1.33%, other RE 34.02%, distributed RE 4.50%	Quantified regulatory obligation	https://herc.org.in/WriteReadData/Pdf/R20251029.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Haryana tracker

These definitions control the separation of physical capacity, contracted shares, expired targets, scheme sanctions, procurement stages and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Haryana. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Haryana from projects within or outside the State. It is not the same as location-based installed capacity.
Live instrument	A policy or regulation still operative. A live instrument can contain targets whose deadline has already passed.
Expired target	A numeric target with a past deadline. It is retained for history and is not presented as a current commitment.
Programme target	A current implementation goal, such as a number of rooftop systems, that is separate from an installed-MW target.
Commissioned	A project or capacity reported as in operation. Commissioned subsets are not added again to the later MNRE total.
Sanctioned	A scheme allocation or approval. It is not treated as installed until commissioning is reported.
Draft RFP / consultation	A procurement concept open for stakeholder input. It is not a final tender, award, PPA or construction milestone.
Tender / rate contract	A procurement route or framework. A tendered quantity is not treated as operational capacity.
CEA planning model	A least-cost resource-adequacy output or input. It is not a State policy target or project award.
DRE	Distributed renewable energy in CEA planning, including distributed solar, biomass and hydro.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
PSP	Pumped Storage Project. A contracted share can come from a project located outside Haryana.
GEOA	Green Energy Open Access under HERC Regulations 2023, as amended on 25-Feb-2025 (effective 4-Mar-2025).
CSS / AS	Cross-subsidy surcharge / additional surcharge. Exemptions depend on the governing regulation and transaction facts.
Net / gross metering	Distinct HERC rooftop arrangements with different settlement and capacity rules.
MU	Million units of electricity, equal to one million kWh.

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Policy Tracker

Policy and Implementation Tracker

Live instruments | Expired targets | Physical capacity | Scheme stages | Draft procurement | CEA planning

The tracker identifies the Solar Policy as live but its 2021-22 targets as expired. CEA contracted and modelled capacity is not added to MNRE location-based capacity. Draft RFPs, tenders, sanctions and system counts remain outside commissioned MW.

Sector	Policy area / project	Provision / status	Instrument / stage	Classification	Numeric target / status	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker interpretation
Cross-sector	Current State-policy position	Solar Power Policy 2016 and Bio-Energy Policy 2018 remain listed; Solar Policy 2023, Green Hydrogen Policy 2024 and CBG Policy 2026 are drafts.	Haryana Solar Power Policy 2016; Haryana Bio-Energy Policy 2018	Qualitative status	Solar policy remains in force until a new policy is notified; no replacement located in the official policy register	Instrument-specific benefits only.	Confirm latest Gazette, HAREDA registration and HERC implementation	New & Renewable Energy Department; HAREDA; HERC	https://hareda.gov.in/document/haryana-solar-power-policy-2016/ https://hareda.gov.in/document/haryana-bio-energy-policy-2018/ https://hareda.gov.in/policy-orders-notifications/ https://hareda.gov.in/public-notice-and-draft-haryana-cbg-policy-2026-for-commentssuggestions-from-all-stakeholders-in-prescribed-format/	Solar policy continues until replacement; the July-2026 draft CBG policy is not an operative replacement for the 2018 bioenergy policy.
Solar	State solar target	The 2016 policy set a statewide solar objective.	Haryana Solar Power Policy 2016	Quantified; expired	3,200 MW by 2021-22	Historical policy target only.	No current project entitlement	HAREDA; HPPC	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Deadline has passed; not shown as a live target.
Solar	Rooftop target in 2016 policy	The policy allocated half of the solar target to rooftop deployment.	Haryana Solar Power Policy 2016	Quantified; expired	1,600 MW by 2021-22	Historical target only.	Current metering and schemes govern new projects	HAREDA; Discoms; HERC	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Later MNRE rooftop capacity is 1,417.40 MW at 30-Sep-2026.
Solar	Existing physical portfolio	MNRE reports ground, rooftop and off-grid solar separately.	MNRE state-wise installed capacity	Quantified current	2,899.36 MW at 30-Sep-2026	Scheme / tariff depends on project route.	Location-based MNRE reporting	MNRE; HAREDA; Discoms	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU3121_MQlUdq.pdf?source=pqals	31-Jan-2026 Parliament comparator was 2,540.08 MW.
Solar	Ground-mounted physical capacity	Utility and captive ground-mounted projects physically located in Haryana.	MNRE state-wise installed capacity	Quantified current	267.76 MW at 30-Sep-2026	Project-specific.	Land, registration, connectivity, procurement / OA and COD	HAREDA; HPPC; HVPNL; Discoms	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://hareda.gov.in/document/procedure-guidelines-for-approval-of-mw-scale-ground-mounted-rooftop-projects-solar-park-for-captive-consumption-or-third-party-sale-under-haryana-solar-power-policy-2016-re-regulations-2017/	Keep separate from contracted solar procured from outside Haryana.

Sector	Policy area / project	Provision / status	Instrument / stage	Classification	Numeric target / status	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker interpretation
Solar	Rooftop physical capacity	MNRE separately reports rooftop solar, including PM Surya Ghar.	MNRE state-wise installed capacity	Quantified current	1,417.40 MW at 30-Sep-2026	Central CFA and State finance may apply by category.	Portal, feasibility, metering and commissioning	MNRE; HAREDA; UHBVN; DHBVN	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://prms.prharyana.gov.in/press-release/3159	Physical MW is separate from system-count targets.
Solar	Off-grid / PM-KUSUM-B physical capacity	MNRE records off-grid solar and KUSUM Component-B capacity separately.	MNRE state-wise installed capacity	Quantified current	1,214.20 MW at 30-Sep-2026	Scheme-specific support.	Sanction, vendor selection, installation and verification	MNRE; HAREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars	Do not merge with rooftop or ground-mounted solar.
Wind	Existing physical portfolio	No Haryana-located wind capacity is reported by MNRE.	MNRE state-wise installed capacity	Quantified current	0 MW at 30-Sep-2026	Open-access / procurement treatment may still apply to contracted wind.	Contracting and scheduling	HPPC; HERC; HVPNL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	CEA contracted wind shares are not Haryana-located generation.
Bioenergy	Existing physical portfolio	MNRE bio-power total includes biomass cogeneration and waste-to-energy.	MNRE state-wise installed capacity	Quantified current	330.88 MW: 151.40 MW bagasse, 125.46 MW non-bagasse, 11.20 MW grid WTE and 42.82 MW off-grid WTE	Technology- and scheme-specific.	Feedstock, approvals, offtake / captive route and COD	HAREDA; HERC; local bodies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU768_6qJuCx.pdf?source=pqals	Components reconcile to the MNRE total.
Bioenergy	Policy target	The 2018 policy targeted biomass-based power or equivalent bioenergy.	Haryana Bio-Energy Policy 2018	Quantified; expired	Minimum 150 MW by 2022	Historical policy target only.	Current projects require fresh approval and applicable orders	HAREDA; HERC	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf	Target deadline has passed.
Bioenergy	Paddy-straw 200 MW portfolio	HAREDA sought stakeholder input on proposed projects across rice-growing districts.	Draft RFP consultation	Quantified draft	200 MW aggregate; individual projects 9.9–25 MW across 13 districts	Tender and tariff terms remain draft-stage.	Final RFP, bids, award, PPA, finance, construction and COD	HAREDA; HPPC	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/20260414148429l262.pdf https://hareda.gov.in/tenders/	Pre-RFP consultation in Apr-2026; not an award or commissioned capacity.
Waste to energy	Recent central-scheme project status	Parliament reports MNRE WTE projects sanctioned in Haryana during the reviewed period.	Rajya Sabha UQ 3660	Quantified scheme subset	12 projects / 16.76 MWeq sanctioned; 11 / 16.14 commissioned; 1 / 0.62 under implementation	Central programme-specific.	Scheme sanction and commissioning evidence	MNRE; implementing agencies	https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars	Subset does not replace the MNRE statewide bio-power total.
Small hydro	Existing physical portfolio	Canal-based and other small hydro physically located in Haryana.	MNRE state-wise installed capacity	Quantified current	73.50 MW at 30-Sep-2026	Central SHP support may apply by project.	Water rights, approvals, grid and scheme sanction	HAREDA; Irrigation Department; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU3121_MQlUdq.pdf?source=pqals	No large hydro is physically reported in Haryana.

Sector	Policy area / project	Provision / status	Instrument / stage	Classification	Numeric target / status	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker interpretation
Solar	Ground-mounted procurement route	HPPC may procure solar through competitive bidding; captive and third-party routes require applicable approvals.	Solar Policy 2016; HERC RE Regulations 2025 (effective 1-Apr-2026)	Unquantified	No standing procurement quantum stated	Competitive-bid terms prevail; any HERC-determined solar tariff is project-specific under Regulation 4 of the 2025 framework.	Registration, connectivity, OA / PPA and COD	HAREDA; HPPC; HERC	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf https://hareda.gov.in/document/procedure-guidelines-for-approval-of-mw-scale-ground-mounted-rooftop-projects-solar-park-for-captive-consumption-or-third-party-sale-under-haryana-solar-power-policy-2016-re-regulations-2017/ https://herc.org.in/WriteReadData/Pdf/R20251029.pdf	Project approval is not capacity commissioning.
Solar	Panchayat land	Policy facilitates Panchayat land lease or sub-lease for solar projects.	Haryana Solar Power Policy 2016	Quantified term	Minimum 30-year lease	Land facilitation only.	Applicable Panchayat process and project approval	Panchayat; HAREDA / SUN Haryana	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Availability, title and rate require project-specific evidence.
Solar	Single-window approvals	HAREDA is the single-window authority for required approvals.	Haryana Solar Power Policy 2016	Quantified timeline	Complete applications: 60 days; concerned departments: 45 days	Process support, not deemed project sanction.	Complete filing, fees and enclosures	HAREDA; line departments	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Statutory approvals remain applicable.
Solar	Land-use and development-charge treatment	MW-scale solar projects receive specified land-use relief.	Haryana Solar Power Policy 2016	Quantified exemption	CLU, EDC, scrutiny fee and infrastructure-development charges exempt; special service may be pro-rated	Policy incentive; current law controls.	Eligible MW-scale project and documentary approval	Town & Country Planning; HAREDA	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Land reverts to its original planning status when the project ceases.
Solar	Stamp-duty treatment	MW-scale solar land instruments receive stated registration relief.	Haryana Solar Power Policy 2016	Quantified exemption	100% fee and stamp-duty exemption for qualifying rent / lease deed	Policy incentive; verify current notification.	Qualifying project and instrument	Revenue Department; HAREDA	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Do not assume automatic exemption without project confirmation.
Solar	Legacy captive-charge waiver	The 2019 amendment ring-fenced a ten-year waiver to projects that met specified pre-cut-off actions.	Solar Policy amendment, 8-Mar-2019	Quantified; legacy only	10 years from COD; eligibility actions completed by 13-Feb-2019, including ₹1 crore/MW equipment investment condition	Not available to a new 2026 project on the cited terms.	Evidence of registration, land and payment before cut-off	HAREDA; utilities	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Haryana/March2019/HAREDA%20SOLAR%20POLICY%20AMENDMENT.pdf https://herc.org.in/WriteReadData/Orders/O20231110.pdf https://herc.org.in/WriteReadData/Pdf/R20251029.pdf	2019 policy term differs from HERC's legacy life-of-project treatment confirmed 10-Nov-2023. Current billing also requires assessment under the 2025 RE regulations.
Solar	Third-party charge position	The 2019 amendment removed policy waivers for third-party-sale solar projects.	Solar Policy amendment, 8-Mar-2019	Quantified exclusion	No policy waiver of wheeling, transmission, CSS or AS for third-party sale	Live HERC charges apply.	GEOA approval, scheduling and metering	HERC; SLDC; HVPNL; Discoms	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Haryana/March2019/HAREDA%20SOLAR%20POLICY%20AMENDMENT.pdf https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Use current tariff orders for rupee rates.
Solar	Government-building mandate	Government buildings above the specified load must install rooftop solar.	State notification 19-Dec-2017, cited in HAREDA 2026-27 indent	Quantified threshold	Government buildings with sanctioned load above 30 kW	Procurement / budget route specific.	Site survey, procurement, metering and commissioning	State departments; HAREDA; Discoms	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/202604291261246722.pdf	The 100 MW indent is a procurement framework, not completed capacity.
Solar	Residential deployment target	State implementation under PM Surya Ghar and Saur Urja Protsahan Yojana.	SUPY circular U-02/2026 (5-Feb-2026), revised by U-10/2026 (16-Jul-2026)	Quantified current target	2.22 lakh rooftop systems by 31-Mar-2027	Central CFA plus category-specific State finance.	Eligibility, portal approval, installation and verification	Energy Department; Discoms; MNRE	https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf	Count target is not an MW target.
Solar	PM Surya Ghar progress	Parliament reports applications and completed installations.	Rajya Sabha UQ 3660	Quantified progress	1,34,329 applications and 63,886 installations at 19-Mar-2026	Individual CFA requires portal sanction.	National portal and Discom process	MNRE; UHBVN; DHBVN	https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars https://prms.prharyana.gov.in/press-release/3159	Later State target is shown separately.

Sector	Policy area / project	Provision / status	Instrument / stage	Classification	Numeric target / status	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker interpretation
Solar	PM-KUSUM progress	Central answer separates sanctioned and installed components.	Rajya Sabha UQ 3660	Quantified scheme stages	At 28-Feb-2026: A 158 MW sanctioned / 29.21 MW installed; B 1,97,655 sanctioned / 1,85,582 installed; C 2,899 sanctioned / 0 reported solarised	Conditional extension: eligible PPA / NTP by 31-Dec-2025; completion by 31-Mar-2027; A/C financial closure by 30-Nov-2026.	Scheme sanction, procurement and commissioning	MNRE; HAREDA; Discoms	https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	PM-KUSUM scheme period ended 31-Mar-2026. Eligible pre-cut-off projects have conditional completion extensions; pump counts remain separate from MW.
Solar	2026-27 GCRT rate-contract design	HAREDA prepared an annual rate contract for government-sector rooftop systems.	HAREDA revised indent	Quantified draft / procurement	100 MWp tentative; estimated ₹448.50 crore; 7-year maintenance	Tender / rate-contract terms, not subsidy.	Final procurement, work orders, installation and commissioning	HAREDA; Supplies & Disposals	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/20260429126124672 2.pdf https://hareda.gov.in/tenders/	Draft indent / rate-contract quantity is not installed capacity.
Solar	Government-building RESCO route	HAREDA tender register lists RESCO procurement for government buildings under PM Surya Ghar.	HAREDA tender register	Tender-stage	Capacity depends on final tender packages and awards	Tariff-based RESCO procurement.	Tender, award, site allocation, PPA and COD	HAREDA; NHPC / selected developer	https://hareda.gov.in/tenders/	Do not treat listing as award or commissioning.
Power planning	Contracted capacity baseline	CEA reports shares available to Haryana, including outside-State resources.	CEA Haryana RA Plan v2.0	Quantified contracted	16,994 MW at Nov-2025; around 40% non-fossil	Planning / procurement measure.	Maintain contracts and implementation schedules	HPPC; Discoms	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Not comparable with 3,303.74 MW physically located RE.
Power planning	Planned renewable additions	HPPC inputs identify planned tie-ups for the study horizon.	CEA Haryana RA Plan v2.0	Quantified planning input	2026-27 to 2035-36 totals: 1,513 MW solar, 1,680 MW wind, 108 MW DRE solar, 3 MW DRE biomass, 50 MW PSP and 677 MW hybrid BESS	Planning inputs; not awards unless separately evidenced.	Contracting and commissioning	HPPC; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Technology locations may be outside Haryana.
Power planning	Additional renewable contracts	CEA model identifies capacity beyond planned tie-ups.	CEA Haryana RA Plan v2.0	Quantified model result	Additional 7,350 MW solar, 800 MW wind, 6,261 MW DRE solar and 4,382 MW four-hour storage through FY 2035-36	Modelled requirement, not policy target.	Procurement, contracting and commissioning	HPPC; Discoms; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Values are optimization outputs.
Power planning	Projected 2035-36 mix	CEA combines existing, planned and additional capacity.	CEA Haryana RA Plan v2.0	Quantified model result	About 43,426 MW total, including 10,437 MW solar, 3,375 MW wind, 6,493 MW DRE and 5,308 MW storage	Modelled contracted mix.	Rolling resource-adequacy updates	HPPC; CEA; HERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Not location-based installed capacity.
Power planning	Demand projection	Revised EPS trajectory used by CEA.	CEA Haryana RA Plan v2.0	Quantified projection	21,127 MW peak and 1,11,042 MU energy requirement in FY 2035-36	Planning projection.	Annual update and procurement planning	CEA; HPPC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	FY 2024-25 actual peak was 14,662 MW.
Storage	Contracted baseline	CEA reports storage shares in Haryana's contracted portfolio.	CEA Haryana RA Plan v2.0	Quantified contracted	200 MW: 150 MW / 75 MWh hybrid BESS plus 50 MW PSP share at Nov-2025	Contracted share; not Haryana-located operating storage.	Contract performance and scheduling	HPPC; SLDC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	The PSP share is from Tehri; Haryana has no operating PSP listed in the CEA status register.
Storage	Modelled 2035-36 requirement	CEA resource-adequacy model expands storage for reliability.	CEA Haryana RA Plan v2.0	Quantified model result	5,308 MW: 100 MW PSP, 826 MW hybrid BESS and 4,382 MW four-hour ESS	Modelled contracted mix.	Procurement and commissioning	HPPC; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	MW does not state total MWh for every component.

Sector	Policy area / project	Provision / status	Instrument / stage	Classification	Numeric target / status	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker interpretation
RPO	2029-30 trajectory	HERC Regulation 63 requires compliance with the Ministry of Power RPO/RCO/RGO trajectory from FY 2026-27.	HERC RE Regulations 2025, notified 29-Oct-2025; MoP trajectory	Quantified regulatory trajectory	43.33% total in FY 2029-30; HERC control period 1-Apr-2026 to 31-Mar-2029, unless reviewed or extended	Compliance obligation, not capacity target.	Energy accounting and compliance	HERC; obligated entities	https://herc.org.in/WriteReadData/Pdf/R20251029.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Includes 4.50% distributed RE. FY 2025-26 alone allowed a choice of the earlier HERC or MoP trajectory; that transition has elapsed.
Bioenergy	Project execution timeline	Approved projects must progress through DPR, PPA and financial closure.	Haryana Bio-Energy Policy 2018	Quantified timeline	36 months from MoU; extensions of 6, 3 and 3 months with 10%, 15% and 25% BG penalties respectively	Approval / performance-security mechanism.	HAREDA approval, MoU, DPR, PPA and finance	HAREDA; High Powered Committee	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf	Extensions require at least 50% of project cost incurred on the ground; otherwise the security is forfeited after 36 months.
Small hydro	Central support route	Eligible new 1–25 MW SHP projects with construction commencing after 18-Mar-2026 can apply under the central scheme.	MNRE SHP Development Scheme	Quantified scheme	Ordinary locations: 20% of eligible cost, cap ₹20 crore; subject to scheme conditions	Central CFA, not automatic State support.	Allotment, clearances, timely application, appraisal, sanction and COD; first CFA instalment requires a State / DISCOM PPA of at least 15 years.	MNRE; SECI; HAREDA	https://nrep.mnre.gov.in/guidelines-shp	Fresh applications close 31-Dec-2030. Projects started before the 15-May-2026 guidelines had to apply within 3 months (elapsed 15-Aug-2026). Haryana receives the ordinary-location CFA rate.
Pumped storage	Physical project status	CEA national project list does not show an operating Haryana PSP.	CEA PSP Development status, 30-Apr-2026	Quantified status	0 MW operating within Haryana in reviewed list	Contracted outside-State shares remain separate.	Project-specific appraisal for any future proposal	CEA; State agencies	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	Do not treat Haryana's Tehri share as a Haryana-located plant.
Cross-sector	Implementation hierarchy	Policies, HERC regulations, tariff orders, tenders and sanctions must be read together.	State instruments and HERC regulations	Qualitative	No automatic stacking of benefits	Current regulation and project approval control.	Verify land, tax, grid, metering, OA, tariff and scheme conditions	HAREDA; HERC; utilities; line departments	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Older policy charge language does not override later HERC regulations.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State finance | Central CFA | Land and duty relief | Legacy waivers | Bioenergy incentives

Benefits are not automatically cumulative. Several Solar Policy targets have expired and the 2019 charge waiver is legacy-only. Current HERC orders, eligibility, registration, sanction, budget, tax law and project evidence control each claim.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Residential rooftop	Saur Urja Protsahan—1 kW illustration	Interest-free Discom finance after contribution and Central CFA, under the revised 16-Jul-2026 SOP	Estimated ₹55,000 cost: 10% consumer contribution, ₹30,000 CFA and up to ₹19,500 interest-free Discom finance	Quantified	Category I: no default in preceding billing cycle and no default on any connection in applicant's name within DISCOM jurisdiction; RTS up to 5 kW	https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf	₹55,000/kW benchmark; approved finance is recovered through 24 monthly or 12 bi-monthly electricity bills.
Residential rooftop	Saur Urja Protsahan—3 to 5 kW	Interest-free Discom finance in addition to PM Surya Ghar CFA	3/4/5 kW: ₹58,500 / ₹78,000 / ₹97,500 interest-free finance, plus CFA up to ₹78,000	Quantified	Category I or qualifying State / Nigam / Board / Corporation / job-secure HKRN employee; no default across applicant's DISCOM connections; up to 5 kW	https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf	At benchmark cost, additional consumer cost beyond 10% upfront contribution is ₹12,000 / ₹42,000 / ₹72,000 for 3/4/5 kW; finance remains repayable.
Antyodaya households	Additional State financial assistance	State support for lower-income eligible households	Income ≤₹1.80 lakh: lower of 40% billed cost or ₹25,000/kW; >₹1.80–3 lakh: lower of 20% or ₹10,000/kW; up to 2 kW	Quantified	Domestic load ≤2 kW; PPP income; ≤200 units/month or 2,400/year (live portal uses FY 2024-25); first 50,000 under SFA SOP	https://www.uhbvn.org.in/staticContent/documents/circular/SC2024/SC_U_18_2024.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf https://sfa.uhbvn.org.in/	Income >₹1.80–3 lakh: additional repayable finance ₹9,500/kW, max 2 kW. Lower income receives SFA only. Total grants cannot exceed billed cost; revised default checks apply.
Residential rooftop	PM Surya Ghar CFA	Central capital assistance	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	Eligible residential consumer and National Portal sanction	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Can interact with State finance subject to both schemes.
Solar projects	Panchayat land	Lease facilitation	Minimum 30-year lease	Quantified	Approved project and applicable Panchayat process	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Land availability and price are not guaranteed.
MW-scale solar	CLU / development charges	Exemption from specified planning charges	100% exemption from CLU, EDC, scrutiny fee and infrastructure-development charges; special services may be pro-rated	Quantified	Qualifying MW-scale solar project	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Obtain written confirmation under current rules.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
MW-scale solar	Lease-deed stamp duty	Registration relief	100% exemption from fee and stamp duty for qualifying rent / lease deed	Quantified	Qualifying project and instrument	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Subject to current Revenue Department implementation.
Solar projects	Evacuation line	Utility cost responsibility under policy	Policy: utility bears EHV / HV line up to 10 km; beyond 10 km shared equally; canal-based solar line free irrespective of distance	Quantified	Approved interconnection; applicable HERC / utility orders	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Network augmentation and current connection orders must be checked.
Legacy captive solar	Wheeling / transmission waiver	Ten-year waiver preserved only for qualifying pre-cut-off projects	10 years from COD; actions and ₹1 crore/MW investment condition completed by 13-Feb-2019	Quantified; legacy	Documented compliance with amendment	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Haryana/March2019/HAREDA%20SOLAR%20POLICY%20AMENDMENT.pdf https://herc.org.in/WriteReadData/Orders/O20231110.pdf https://herc.org.in/WriteReadData/Pdf/R20251029.pdf	2019 policy term is 10 years; the 10-Nov-2023 HERC order confirmed separate legacy life-of-project relief. Check applicable 2025 framework and project eligibility.
Third-party solar	Network / surcharge treatment	2019 amendment states no policy waiver	No waiver of wheeling, transmission, CSS or AS	Quantified exclusion	Third-party-sale project	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Haryana/March2019/HAREDA%20SOLAR%20POLICY%20AMENDMENT.pdf https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Use current HERC orders and GEOA regulation.
Bioenergy in B/C/D blocks	Land-instrument stamp duty	Registration relief	100% exemption for qualifying rent / lease / sale deed	Quantified	Eligible project in B, C or D category block	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf	Block classification and current notification must be evidenced.
Bioenergy	Water charges	Reduced canal / groundwater charge for specified use	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Air-cooled project and permitted non-condenser use	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://biourja.mnre.gov.in/about-the-programme	Water availability and approvals remain required. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Bioenergy	CLU / development charges	Exemption from specified planning charges	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Qualifying project	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://biourja.mnre.gov.in/about-the-programme	Current planning-law confirmation is required. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Bioenergy	Pollution-control fees	No fee for CTE / CTO under policy	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Qualifying project; compliance with pollution norms remains mandatory	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://biourja.mnre.gov.in/about-the-programme	Fee relief does not remove consent or environmental obligations. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Bioenergy	Evacuation line	Utility cost responsibility under policy	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Approved grid connection and current orders	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://biourja.mnre.gov.in/about-the-programme	Developer handles within-premises equipment. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Biomass power up to 10 MW	Must-run status	Protection from merit-order backing down in policy	Up to 10 MW	Quantified	Qualifying biomass project	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf	System-security and later regulatory requirements still apply.
Bioenergy	Industry status	Eligible projects may access industrial-policy incentives	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Separate qualification and departmental approval	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf https://biourja.mnre.gov.in/about-the-programme	No automatic entitlement or double counting. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Agricultural solar	PM-KUSUM	Central / State support by component	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned projects only	Qualifying pre-31-Dec-2025 PPA / NTP and component-specific extension conditions; no general new-sanction window inferred	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Existing Central / State shares follow sanction and tender terms; the extension does not make every new project eligible.
Bioenergy / WTE	National Bioenergy Programme	Central CFA by technology	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Eligible technology, application window, commissioning and no-double-funding rules	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Funds exhausted. WTE proposals from 17-Oct-2024 and biomass proposals from 10-Oct-2024 await Phase-II budget approval; sanctions follow seniority and allotment. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Net and gross metering | Amendments | Green open access | Banking | Charge hierarchy

The HERC rooftop and green-open-access regulations serve different transaction structures. The 2025 rooftop amendment changed settlement treatment. Older policy waiver language is not applied where later HERC rules govern.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Eligible rooftop consumers	Net or gross metering is available to eligible consumers other than agricultural tubewell consumers.	Minimum 1 kW	Consumers in a Haryana Discom area	HERC Rooftop Regulations 2021	UHBVN / DHBVN; HERC	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Agricultural tubewell consumers use the applicable agricultural-solar route.
Net metering	Export offsets import within the settlement framework.	Up to 500 kW or sanctioned load / contract demand, whichever is lower	Eligible consumer not drawing through open access	HERC Rooftop Regulations 2021	Discom; HERC	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf https://herc.org.in/WriteReadData/Orders/O20260921.pdf	500 kW cap reaffirmed in HERC's 21-Sep-2026 order; the request for a 1,412 kW institutional net-metering exception was declined.
Gross metering	All generation is injected and settled separately from consumption.	Up to sanctioned load / contract demand; minimum 1 kW	Eligible consumer	HERC Rooftop Regulations 2021	Discom; HERC	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Drawal and injection are separate transactions.
State rooftop hosting cap	Regulation sets an aggregate capacity limit for net / gross metering.	500 MW statewide, reviewable yearly	Distribution licensees	HERC Rooftop Regulations 2021	HERC; Discoms	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	MNRE rooftop capacity now exceeds this historic regulatory cap; obtain current Discom / HERC implementation position.
Transformer hosting	Cumulative rooftop capacity is constrained at network assets.	50% of distribution-transformer rating and 30% of power-transformer rating	LT / HT interconnections	HERC Rooftop Regulations 2021	Discom; transmission licensee	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Limits can be revised by the Commission.
Open-access incompatibility	Net metering is not available to a consumer drawing power under open access.	No simultaneous net metering and OA	Eligible consumer	HERC Rooftop Regulations 2021	Discom; HERC	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Choose transaction route before filing.
Network augmentation	Cost allocation differs for LT and HT consumers.	LT: Discom bears network strengthening; HT: 50:50 consumer / Discom	Rooftop applicant requiring augmentation	HERC Rooftop Regulations 2021	Discom	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Consumer bears metering upgrades and works in its premises.
Metering	Net, solar and gross meters must comply with CEA standards.	AMR mandatory at 20 kW and above	Rooftop systems	HERC Rooftop Regulations 2021	Discom	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_11_2026.pdf	Consumer bears metering costs. UHBVN PMSG applicants may pay net-meter cost and load-enhancement ACD upfront or in the first post-commissioning bill (28-Jul-2026 circular).
Telemetry / check meter	Larger rooftop systems require enhanced monitoring.	Telemetry at 50 kW and above; check meter above 50 kWp	Rooftop systems	HERC Rooftop Regulations 2021	Discom; consumer	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	Use latest technical specifications.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Settlement period	Second amendment, notified 30-Oct-2025 and effective on Gazette publication 11-Nov-2025, changed the annual settlement window.	1 October to 30 September	Net-metered consumers	HERC Rooftop 2nd Amendment 2025; effective 11-Nov-2025	Discom; HERC	https://herc.org.in/WriteReadData/Pdf/R20251030.pdf	For a new system, the first period runs from commissioning to 30 September of the next year, as the amendment states.
Year-end net credit	Unadjusted credited units are purchased and the cumulative balance resets.	90% of the feed-in tariff; reset in October	Net-metered consumer	HERC Rooftop 2nd Amendment 2025; effective 11-Nov-2025	Discom	https://herc.org.in/WriteReadData/Pdf/R20251030.pdf	Also applies to unused credit when an eligible consumer leaves, per amendment.
Gross-meter payment	Principal regulation sets Solar Injection Compensation.	₹3.11/kWh specified for five years from notification of the 2021 regulations, without escalation	Gross-metered consumer	HERC Rooftop Regulations 2021	Discom; HERC	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf	The initial five-year period has elapsed in 2026. A current HERC order is needed to establish the applicable post-period rate.
Applications up to 10 kW	Technical feasibility is deemed accepted for complete applications.	Up to 10 kW; commensurate load enhancement by Discom	Rooftop applicant	HERC Rooftop 1st Amendment 2024	Discom	https://herc.org.in/WriteReadData/Pdf/R20240715.pdf	Other technical and safety requirements remain.
Other rooftop applications	Discom must identify deficiencies or technical issues within the prescribed window.	15 days; otherwise proposal presumed technically feasible	Rooftop applicant	HERC Rooftop 1st Amendment 2024	Discom	https://herc.org.in/WriteReadData/Pdf/R20240715.pdf	Subject to system capacity and available DT loading.
Green OA eligibility	The 2025 amendment permits a single connection or aggregated connections within one electricity operation division.	100 kW aggregate contracted demand / sanctioned load; no supply limit for captive consumers	Green-energy OA consumer	HERC GEOA Regulations 2023; 1st Amendment 25-Feb-2025, effective 4-Mar-2025	SLDC / STU; HERC	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf https://herc.org.in/WriteReadData/Pdf/R20250225.pdf	Minimum schedule is 12 continuous 15-minute blocks.
Feeder condition	Eligible non-independent-feeder consumers may use GEOA if they accept system constraints and power-cut restrictions; the 2025 amendment aligns this with aggregated eligibility.	100 kW aggregate eligibility in the same operation division; specified common-feeder groups remain subject to technical conditions	Green-energy OA consumer	HERC GEOA Regulations 2023; 1st Amendment 2025	Discom; SLDC / STU	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf https://herc.org.in/WriteReadData/Pdf/R20250225.pdf	Non-independent-feeder consumers accept system constraints and power cuts without compensation for under-drawal.
GEOA approval timeline	Complete applications are to be decided within the regulatory period.	30 days; deemed approval subject to technical requirements	GEOA applicant	HERC GEOA Regulations 2023	State Nodal Agency	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	FIFO processing and speaking-order safeguards apply.
Banking eligibility	Banking is limited to specified RE captive generating plants.	Single captive user holds at least 26% ownership; banking up to contract demand	Qualifying captive GEOA consumer	HERC GEOA Regulations 2023	Discom; SLDC	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Enter banking agreement and meet captive-use rules.
Banking cycle and charge	Banked energy must be used within the billing cycle.	Same billing cycle; 8% charge in kind	Qualifying captive GEOA consumer	HERC GEOA Regulations 2023	Discom; SLDC	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Unused energy lapses; no compensation is paid.
Permitted banking	Regulation caps the banked quantum relative to Discom consumption.	Up to 30% of monthly electricity consumption from the Discom	Qualifying captive GEOA consumer	HERC GEOA Regulations 2023	Discom	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Banking is counted daily for monthly accounting.
Banked-energy drawal	Banking is allowed throughout the billing cycle, but drawal is restricted.	No drawal during peak-load hours in approved ToD tariff	Qualifying captive GEOA consumer	HERC GEOA Regulations 2023	Discom; SLDC	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf	Plan schedules against current ToD blocks.
GEOA charges and exemptions	Charge stack includes transmission, wheeling, CSS, standby, banking, application, SLDC, scheduling, DSM and reactive charges.	CSS increase capped at 50% over initial-year surcharge for 12 years from plant operation; standby 125% of category energy charge; specified WTE / H2 / ammonia CSS-AS relief	GEOA consumer	HERC GEOA Regulations 2023; 1st Amendment 2025	HERC; SLDC; STU; Discom	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf https://herc.org.in/WriteReadData/Pdf/R20250225.pdf	AS does not apply where fixed charges are paid. Offshore-wind AS exemption now covers projects commissioned through Dec-2032. Standby exemption requires the prescribed advance notice.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Haryana renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Haryana tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; Haryana Discoms	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	At 19-Mar-2026 Haryana had 63,886 installations; State finance is separately conditional.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; HAREDA; Discoms	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Extensions are for eligible pre-cut-off PPA / NTP projects. Historical Haryana pump counts are retained in the Policy Tracker; no general reopening inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme	Phase-I biomass, WTE and biogas programme: FY 2021-22 to FY 2025-26; period ended 31-Mar-2026	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Waste to energy	National Bioenergy / WTE support	Phase-I WTE programme ended 31-Mar-2026; MSW-to-power excluded from the cited central CFA programme	Project-specific CFA and output-equivalent treatment	Quantified per sanction	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	WTE proposals received from 17-Oct-2024 are subject to Phase-II budget approval; the parliamentary commissioned / pipeline subset is historical. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Haryana tracker use
Small hydro	MNRE SHP Development Scheme	Eligible new 1–25 MW projects; construction after 18-Mar-2026; scheme FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified	MNRE; SECI; HAREDA	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Solar parks	Solar Park / Ultra Mega Solar framework	Ongoing parks / committed liabilities extended to 31-Mar-2029 by OM 17-Sep-2025; new-sanction cut-off was 31-Mar-2026	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	New-sanction deadline has elapsed. CFA is mode- and milestone-specific; Haryana project sanction must be evidenced separately.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified per call / award	MNRE / SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	HERC GEOA gives specified CSS / AS relief where green power is used for qualifying hydrogen / ammonia.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / sanction-specific; PSDF VGF scheme: ₹18 lakh/MWh within ₹5,400 crore / 30 GWh allocation	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/06/202606041891583534.pdf https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	VGF requires eligible allocated projects and competitive procurement. CEA contracted shares / model outputs are not subsidy sanctions.
Transmission	Green Energy Corridor and national grid frameworks	Transmission strengthening for renewable integration	Programme-specific grant / loan / equity and asset sanction	Quantified per sanction	MNRE; CEA; HVPNL / CTUIL	https://mnre.gov.in/en/green-energy-corridors/	Do not convert MVA or circuit-km into generation MW.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Sources retain their reporting dates and distinguish operative policies, elapsed targets, draft consultations, tenders, sanctions, contracted shares and installed capacity. Benefits remain subject to the linked instrument and project-specific approval.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar components, wind, bio-power, small hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 19-Oct-2026; latest MNRE location-based release; Haryana figures unchanged from August
Installed capacity	MNRE Physical Progress portal	Publication route and national capacity context	https://mnre.gov.in/en/physical-progress/	Checked 17-Sep-2026; primary portal
State policy	Haryana Solar Power Policy 2016—HAREDA register	Official listing and policy identity	https://hareda.gov.in/document/haryana-solar-power-policy-2016/	Checked 17-Sep-2026; official State portal
State policy	Haryana Solar Power Policy 2016—Gazette copy	In-force-until-replaced clause, targets, land, single-window and incentives	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf	Checked 17-Sep-2026; official State-hosted copy
Solar implementation	HAREDA MW solar approval guidelines	Registration and project-approval route	https://hareda.gov.in/document/procedure-guidelines-for-approval-of-mw-scale-ground-mounted-rooftop-projects-solar-park-for-captive-consumption-or-third-party-sale-under-haryana-solar-power-policy-2016-re-regulations-2017/	Checked 17-Sep-2026; official State portal
Solar amendment	Solar Policy amendment 8-Mar-2019; HERC legacy-charge clarification 10-Nov-2023	Policy ten-year waiver / third-party exclusion; distinct HERC legacy life-of-project treatment; current 2025 regulations must also be read	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Haryana/March2019/HAREDA%20SOLAR%20POLICY%20AMENDMENT.pdf https://herc.org.in/WriteReadData/Orders/O20231110.pdf https://herc.org.in/WriteReadData/Pdf/R20251029.pdf	Checked 19-Oct-2026; government-text mirror plus official HERC clarification and current RE framework
State policy	Haryana Bio-Energy Policy 2018—HAREDA register	Official listing and policy identity	https://hareda.gov.in/document/haryana-bio-energy-policy-2018/	Checked 17-Sep-2026; official State portal
State policy	Haryana Bio-Energy Policy 2018—Gazette copy	Expired target, incentives, approval stages and completion timeline	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020122186-1.pdf	Checked 17-Sep-2026; official State-hosted copy
Capacity verification	Lok Sabha UQ 768, answered 4-Feb-2026	31-Dec-2025 installed capacity, PM Surya Ghar and PM-KUSUM status, RE generation share	https://sansad.in/getFile/loksabhaquestions/annex/187/AU768_6qJuCx.pdf?source=pqals	Checked 17-Sep-2026; primary parliamentary answer
Capacity verification	Lok Sabha UQ 3121, answered 11-Mar-2026	31-Jan-2026 state-wise installed capacity	https://sansad.in/getFile/loksabhaquestions/annex/187/AU3121_MQlUdq.pdf?source=pqals	Checked 17-Sep-2026; primary parliamentary answer
Scheme verification	Rajya Sabha UQ 3660, answered 24-Mar-2026	PM Surya Ghar, PM-KUSUM, biomass and WTE sanctioned / commissioned status	https://sansad.in/getFile/annex/270/AU3660_ZWiKWb.pdf?source=pqars	Checked 17-Sep-2026; primary parliamentary answer

Category	Document / authority	What it verifies	Official link	Status / date checked
Generation planning	CEA Haryana Resource Adequacy Plan v2.0	Contracted capacity, demand, planned tie-ups and modelled 2035-36 mix	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf https://cea.nic.in/api/dashboardReports/view-pdf/en/07a3c34c-7f54-42fd-b26c-685edc32bafa	Historical CEA v2.0 figures retained. On 19-Oct-2026 the original PDF redirected to login and replacement report URLs returned 404; full numerical revalidation remains pending.
Pumped storage	CEA PSP Development status, 30-Apr-2026	Operating and staged PSP project register	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development-1.pdf	Checked 17-Sep-2026; primary source
Rooftop regulation	HERC Rooftop Solar Regulations 2021	Net / gross limits, hosting, metering and initial five-year gross tariff; 500 kW cap reaffirmed 21-Sep-2026	https://herc.org.in/WriteReadData/Pdf/R20210719.pdf https://herc.org.in/WriteReadData/Orders/O20260921.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_11_2026.pdf	Checked 19-Oct-2026; initial ₹3.11/kWh term was five years; post-period tariff not established by the retrieved material
Rooftop amendment	HERC First Amendment 2024	Deemed feasibility up to 10 kW and 15-day processing rule	https://herc.org.in/WriteReadData/Pdf/R20240715.pdf	Checked 17-Sep-2026; final amendment
Rooftop amendment	HERC Second Amendment 2025	Oct-Sep settlement period and 90% feed-in-tariff surplus payment	https://herc.org.in/WriteReadData/Pdf/R20251030.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2025/SC_U_16_2025.pdf https://herc.org.in/WriteReadData/Orders/O20260922.pdf	Notified 30-Oct-2025; effective 11-Nov-2025; review dismissed on preliminary grounds 22-Sep-2026; checked 19-Oct-2026
Green open access	HERC GEOA Regulations 2023 and First Amendment 2025	100 kW aggregated eligibility; captive banking, 8% charge; offshore-wind AS commissioning cut-off extended to Dec-2032	https://herc.org.in/WriteReadData/Pdf/R20230424.pdf https://herc.org.in/WriteReadData/Pdf/R20250225.pdf	Amendment notified 25-Feb-2025; Gazette effective 4-Mar-2025; checked 19-Oct-2026
State rooftop finance	DISCOM SUPY SOP and revised eligibility; State rooftop SFA SOP	31-Mar-2027 system-count target; ₹19,500/kW repayable finance; income bands, 2 kW SFA limits and revised non-default checks	https://www.uhbvn.org.in/staticContent/documents/circular/SC2026/SC_U_10_2026.pdf https://www.uhbvn.org.in/staticContent/documents/circular/SC2024/SC_U_18_2024.pdf	SUPY 5-Feb-2026, revised 16-Jul-2026; SFA SOP 3-Jul-2024; checked 19-Oct-2026
Biomass pipeline	HAREDA letter on 200 MW paddy-straw draft RFP	13-district, 9.9–25 MW project concept and pre-RFP status	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/2026041414842912 62.pdf	Checked 17-Sep-2026; official State document
Procurement	HAREDA tenders register	Current rooftop, biomass, pump and off-grid procurement listings	https://hareda.gov.in/tenders/	Checked 17-Sep-2026; primary dynamic register
Government rooftop	HAREDA 2026-27 GCRT revised indent	100 MWp rate-contract scope, ₹448.50 crore estimate and maintenance period	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2026/04/202604291261246722.pdf	Checked 17-Sep-2026; official procurement document
State nodal agency	HAREDA portal	Policy, schemes, tenders and project facilitation route	https://hareda.gov.in/	Checked 17-Sep-2026; primary agency portal
Generation utility	HPGCL portal	State generation and tender route	https://hpgcl.org.in/	Checked 17-Sep-2026; primary utility portal
Transmission utility	HVPNL portal	Connectivity, transmission and system information	https://hvpn.org.in/	Checked 17-Sep-2026; primary utility portal
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).

Category	Document / authority	What it verifies	Official link	Status / date checked
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 17-Sep-2026; primary source
Storage	Ministry of Power energy-storage framework	PSDF BESS VGF: ₹18 lakh/MWh, 30 GWh, ₹5,400 crore; project allocation / award conditions apply	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/06/202606041891583534.pdf https://powermin.gov.in/en/content/energy-storage-system	Checked 17-Sep-2026; primary source
Transmission	MNRE Green Energy Corridor overview	Central GEC framework	https://mnre.gov.in/en/green-energy-corridors/	Checked 17-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE and Parliament comparison	3,303.74 MW at 30-Sep-2026 versus 2,912.13 MW at 31-Dec-2025 and 2,939.25 MW at 31-Jan-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU768_6qJuCx.pdf?source=pqals https://sansad.in/getFile/loksabhaquestions/annex/187/AU3121_MQlUdq.pdf?source=pqals	MNRE / Parliament figures rechecked 19-Oct-2026; reporting dates preserved
Scope cross-check	MNRE and CEA comparison	3,303.74 MW location-based RE versus 16,994 MW all-source contracted capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/12/Report_on_Resource_Adequacy_Plan_for_Haryana_Up_to_2035_36.pdf	MNRE figure checked 19-Oct-2026; historical CEA contracted baseline retained, subject to the access limitation in row 17
Policy-status cross-check	Solar Policy operative clause and HAREDA policy register	Instrument remains live until replacement; 2021-22 target is elapsed	https://cdnbbsr.s3waas.gov.in/s3f80ff32e08a25270b5f252ce39522f72/uploads/2020/12/2020120946.pdf https://hareda.gov.in/document/haryana-solar-power-policy-2016/	Checked 17-Sep-2026; status and target separated
Regulatory framework	HERC RE / RPO / REC Regulations 2025 (Regulation 63)	FY 2026-27 to FY 2028-29 tariff framework; MoP obligation trajectory binding from FY 2026-27; storage norms	https://herc.org.in/WriteReadData/Pdf/R20251029.pdf	Notified 29-Oct-2025; Gazette 4-Nov-2025; number corrigendum 17-Nov-2025; effective 1-Apr-2026 to 31-Mar-2029

Himachal Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Reviewed 19 October 2026

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Synopsis

Himachal Pradesh Renewable Energy: Policy and Investment Synopsis

Himachal Pradesh's renewable energy sector is dominated by hydropower, with solar development expanding through State projects and private allotments. Its investment framework combines regulated solar procurement, small-hydro royalty provisions and rooftop arrangements.

1. Policy Overview

- Major instruments: Swaran Jayanti Energy Policy 2021, as amended; operative rooftop solar regulations; and Green Energy Open Access and Banking Regulations 2024, whose separate commencement date remains unconfirmed.
- Installed renewable capacity: 12,979.97 MW at 31 July 2026, including 11,571.02 MW large hydro, 1,013.46 MW small hydro, 385.29 MW solar and 10.20 MW bio-power.
- Solar capacity includes 284 MW ground-mounted, 66.70 MW rooftop and 34.58 MW off-grid. Published components differ from the reported solar total by 0.01 MW due to rounding.

2. Major Commitments and Projections

- State target: Add 10,000 MW of green capacity by 2030.
- Solar programmes: Five announced solar parks total 501 MW. The Green Panchayat programme has a 150 MW objective, with 500 kW per participating panchayat. These quantities are distinct from installed capacity.
- Planning projections: The Central Electricity Authority models 4,895 MW of contracted solar, hybrid and distributed solar resources and 1,102 MW/5,678 MWh of storage for FY2034–35. These concern the distribution utility's resource requirements, not assured projects within Himachal.
- Pumped storage: Thana Plaun, 270 MW, and Renukaji, 1,630 MW, remain proposals; neither is counted as operational capacity.

3. Investment Framework

- Private solar allotment: The 250 kW–5 MW open-allotment route is available to bonafide Himachali developers. Allotment, connectivity and power-purchase agreements are separate development stages.
- Solar procurement: Eligible projects up to 5 MW receive tariffs determined by the Himachal Pradesh Electricity Regulatory Commission. Standalone solar above 5 MW follows competitive bidding; the solar component of hybrid projects retains Commission-determined tariff treatment under the 2023 amendment.
- State-entity solar: Policy provides for purchase by Himachal Pradesh State Electricity Board Limited at Commission-determined tariffs for solar generated through HPPCL and HIMURJA.

- Small hydro: The State's reported revised norm for new projects up to 5 MW is 12% free power plus 1% Local Area Development Fund contribution. Executed allotment and power-purchase terms govern project applicability.
- Rooftops: Net metering covers systems up to 50 kWp; net billing covers above 50 kWp to 1 MWp, subject to load and voltage limits.
- Land: Private-land transfers may require prior permission under Section 118.

4. Principal Implications

- Larger rooftops receive separate export valuation under net billing, making self-consumption important to project revenue.
- The 2024 open-access framework's banking and concessions cannot be presented as operative benefits while commencement remains unconfirmed.
- The reported small-hydro free-power norm applies to new projects up to 5 MW; it is not a blanket concession for all projects up to 25 MW.

5. Investment Outlook

- Local solar development: Eligible Himachali developers have an allotment route linked to regulated procurement.
- State solar programmes: Panchayat plants and solar parks offer project-specific construction and operating opportunities through procurement.
- Hydro-solar supply: HPPCL's Sainj bundling pilot provides a project-specific route for combining hydro and solar sales.

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Overview

Himachal Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Reviewed 19 October 2026

Read definitions carefully: MNRE figures are physically located in Himachal Pradesh; CEA figures are HPSEBL-contracted resources and planning projections. Project allotments, PPAs, DPRs and policy targets are not treated as commissioned capacity. Monetary support remains subject to eligibility, operative orders, sanctions and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Himachal Pradesh	12,979.97 MW	Swaran Jayanti Energy Policy: add 10,000 MW of green capacity by 2030; the target is additional capacity, not the MNRE installed total	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh
Solar—total physically installed / HPSEBL contracted	385.29 MW location-based at 30-Sep-2026; HPSEBL contracted 67 MW solar + 127 MW DRE solar at 31-Mar-2025	5,350 MW solar, hybrid and DRE solar in CEA FY 2035-36 projection; planning requirement, not State installed-capacity target	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39
Solar—ground mounted	284.00 MW	State announcement: 501 MW across five solar parks plus 212 MW through other projects; stages vary	Quantified current; implementation portfolio	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf
Solar—rooftop	66.70 MW	Net metering up to 50 kWp; net billing above 50 kWp to 1 MWp. Third Amendment dated 12-Jun-2024 also revises load / voltage limits and feasibility process.	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf
Solar—off-grid / PM-KUSUM-B	34.58 MW	Central scheme support is component- and sanction-specific; no separate State capacity target located	Quantified current; State target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://pmkusum.mnre.gov.in/
Wind physically installed	0.00 MW	Policy-estimated wind potential 84 MW; HPPCL is pursuing a 2 MW Haripurdhar pilot at pre-feasibility stage	Quantified current; potential / proposal not capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://www.hppcl.in/content/499_1_Overview.aspx

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	10.20 MW: 9.20 MW biomass and 1.00 MW waste-to-energy	HPPCL is preparing a 2 tonne/day compressed-biogas pilot; no statewide power-capacity target located	Quantified current; pilot proposal	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.hppcl.in/content/499_1_Overview.aspx
Hydro physically installed	12,584.48 MW: 1,013.46 MW small hydro + 11,571.02 MW large hydro	Policy-estimated hydro potential 24,567 MW; potential is not commissioned or executable capacity	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf
Pumped storage in Himachal Pradesh	No Himachal PSP appears in CEA operation, construction or concurred-project lists accessed 19-Oct-2026; DPR-examination status not confirmed	State proposals total 1,900 MW: Thana Plaun 270 MW + Renukaji 1,630 MW; neither is added to physical capacity	Quantified proposals; current status unlisted	https://cea.nic.in/pumped-storage https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf
Energy storage in HPSEBL resource plan	CEA baseline at 31-Mar-2025 lists no separately contracted storage	1,299 MW storage requirement in FY 2035-36, CEA Version 3.0 (Dec-2025); no aggregate MWh requirement stated in the revised capacity table	Quantified planning projection	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39
HPSEBL total contracted capacity	2,625 MW contracted at 31-Mar-2025; about 94% non-fossil	CEA reports about 11,524 MW in FY 2035-36, including 1,299 MW storage and 1,143 MW medium-/short-term access; source totals are rounded	Quantified planning projection	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39 https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf
Electricity demand	FY 2024-25 energy requirement 13,566 MU; peak demand 2,273 MW	FY 2035-36 energy requirement 22,814 MU; peak demand 3,695 MW (mid-term 20th EPS basis used by CEA)	Quantified planning projection	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Himachal Pradesh tracker

These definitions control the comparison of physical capacity, contracted capacity, policy targets, planning projections and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, production target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Himachal Pradesh. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity available to HPSEBL under allocation, PPA or procurement; it is not necessarily all physically located in Himachal Pradesh.
Policy target	A goal adopted by the Government of Himachal Pradesh. It is not treated as a commissioned or awarded project.
Planning projection	Capacity modelled in CEA's resource-adequacy plan. It is not an award, sanction or State-policy target.
Allotted capacity	A project allocation or development right. It is not treated as a PPA, financial closure, construction or commissioning.
PPA-signed capacity	Capacity covered by a power-purchase agreement. It is not treated as constructed or operational.
Under construction	Physical works reported as under construction. Pipeline stages are not added to operational capacity.
SHP	Small hydro project. MNRE installed-capacity statistics use up to 25 MW; Himachal's ≤5 MW programme statistics are a narrower subset.
DRE	Distributed renewable energy, shown separately in the CEA resource plan.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW is power; MWh is stored energy.
PSP	Pumped Storage Project. Survey, investigation, ToR and DPR proposals are not operational capacity.
GEOA	Green Energy Open Access under the HPERC 2024 regulations; commencement requires a separate Commission notification.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Each exemption is shown only where the governing instrument expressly provides it.
Net metering	Eligible rooftop imports and exports are netted; the operative Himachal framework caps this arrangement at 50 kWp.
Net billing	Grid imports are billed at retail tariff and rooftop export is valued separately; the Himachal band is above 50 kWp up to 1 MWp.
DPR / S&I / TEC	Detailed Project Report / survey and investigation / techno-economic clearance. None is treated as operational capacity.
MU	Million units of electricity (million kWh).

SHEET 4 OF 8

Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

Applicable provision describes the operative treatment. Governing instrument identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State green-capacity target	Expand green-energy capacity while maintaining separate treatment for hydro, solar, wind, bioenergy, storage and green fuels.	Swaran Jayanti Energy Policy 2021; World Bank HP Power Sector Development Program	Quantified	10,000 MW additional green capacity by 2030	Programme- and project-specific; no automatic general capital subsidy.	Departmental programmes, competitive procurement, allotment and project approvals	Energy Department; HPSEBL; HPPCL; HIMURJA; HPPTCL	https://himachalpr.gov.in/OnePressRelease.aspx?ID=24998&Language=1 https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1	10,000 MW is an additional-capacity target for 2030. The separate Green Energy State aspiration had a 31-Mar-2026 deadline, now elapsed; achievement is not inferred.
Cross-sector	HPSEBL capacity plan	CEA models the resources required to reliably meet forecast demand.	CEA Resource Adequacy Plan (Generation) for Himachal Pradesh 2025-26 to 2035-36, Version 3.0, Dec-2025	Quantified planning projection	2,625 MW contracted at 31-Mar-2025; about 11,524 MW projected in FY 2035-36, including storage and short-/medium-term access	Planning input, not a sanction or procurement award.	HPSEBL procurement and approvals; CEA plan update	HPSEBL; HPERC; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39	Contracted capacity is not equivalent to Himachal location-based installed capacity.
Solar	Existing portfolio	Solar includes ground-mounted, rooftop and off-grid / PM-KUSUM-B capacity in MNRE reporting.	MNRE state-wise installed capacity	Quantified current	385.29 MW at 30-Sep-2026	Scheme and tariff treatment depends on project route.	MNRE reporting; State / utility implementation	MNRE; HIMURJA; HPSEBL; HPPCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Published components sum to 385.28 MW (284.00 + 66.70 + 34.58); MNRE reports total solar 385.29 MW, a 0.01 MW rounding difference.
Solar	Ground mounted	Projects may proceed through State-entity implementation, allotment, PPA or competitive procurement depending on size and programme.	Swaran Jayanti Energy Policy 2021 as amended; State implementation announcements	Quantified current and portfolio	284.00 MW installed; 501 MW across five announced parks plus 212 MW other projects	Tariff / PPA / tender-specific.	Land, connectivity, approvals and project-specific procurement	Energy Department; HPPCL; HIMURJA; HPSEBL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Announced portfolios are not added to installed capacity; project stages vary.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Rooftop—net metering	Eligible rooftop systems may use net metering under the HPERC rooftop framework.	HPERC Rooftop Solar PV Regulations 2015; Second (2022), Third (2024) and Fourth (2026) Amendments	Quantified	Up to 50 kWp, subject to sanctioned load / contract-demand conditions	Energy credit and surplus settlement follow HPERC rules.	Apply to HPSEBL; no feasibility study for ≤10 kW; >10 kW feasibility decision within 15 days, otherwise deemed feasible	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf	Third Amendment dated 12-Jun-2024: load ≤10 kW permits 10 kW rooftop; above 10 kW, 50% of connected load or 10 kW, whichever higher. Voltage limits also apply.
Solar	Rooftop—net billing	Larger eligible rooftop systems may use net billing, with import and export valued separately.	HPERC Rooftop Solar PV Regulations as amended in 2022, 2024 and 2026	Quantified	Above 50 kWp up to 1 MWp	Import at retail tariff; export at the applicable HPERC-determined settlement rate.	Application, feasibility, meter and connection agreement	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf	2024 voltage limits: LT single-phase 10 kWp; LT three-phase 20 kWp; 11 kV or above 1 MWp. Apply load limits and current export-settlement tariff.
Solar	Rooftop—group metering	Eligible consumers in the same building may allocate common rooftop generation among participating connections.	HPERC Rooftop Solar PV Second Amendment 2022	Quantified process	Above 20 kWp up to 1 MWp; 9% energy deduction; sharing ratio may change once per FY with 60 days' notice	Monthly energy adjustment under the regulation.	Application and participation arrangement with distribution licensee	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf	Participating consumers must share a building, transformer and voltage level and be covered by single-part tariff.
Solar	Off-grid / PM-KUSUM-B	Solar pumps and other off-grid capacity are reported separately from grid-connected solar.	MNRE Physical Progress; PM-KUSUM	Quantified current	34.58 MW at 30-Sep-2026	Component- and sanction-specific central / State support.	PM-KUSUM portal, State implementing agency and tender route	MNRE; HIMURJA; HPSEBL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://pmkusum.mnre.gov.in/	Scheme period ended 31-Mar-2026. Completion extension to 31-Mar-2027 applies only to eligible projects with PPA signed / NTP issued by 31-Dec-2025.
Solar	Green Panchayat programme	Solar plants are proposed for gram panchayats to support local revenue and clean-energy supply.	State programme / implementation announcement	Quantified programme	150 MW programme objective; 500 kW per participating panchayat; Mamlig 500 kW inaugurated 14-Jul-2026	Revised revenue split announced 4-Jun-2026: State 20%; O&M through HIMURJA 20%; HIMURJA 10%; panchayat development 25%; orphans / widows 25%.	State approval, land, implementing agency and commissioning	Energy Department; HIMURJA; HPPCL; HPSEBL	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://himachalpr.gov.in/OnePressRelease.aspx?ID=47169&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=48062&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=46703&Language=1	Dharech first plant connected 30-Mar-2026; programme objective and approved pipeline remain separate from commissioned sites.
Solar	250 kW–5 MW open allotment	Bonafide Himachali developers may participate in the State's open solar allotment route.	HIMURJA programme reporting	Quantified portfolio	547 investors allotted 595.97 MW; PPAs reported for 403.09 MW in Apr-2026 State release	Tariff, security and PPA conditions are project-specific.	Allotment, connectivity, PPA, clearances, financing and commissioning	HIMURJA; HPSEBL; Energy Department	https://himachalpr.gov.in/OnePressRelease.aspx?ID=46695&Language=1 https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Allotted and PPA-signed quantities are not installed capacity.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Solar parks and Damtal	Utility-scale clusters and State-entity projects form part of the solar implementation portfolio.	State implementation programme; HPPCL overview	Quantified portfolio	Five parks 501 MW announced; Damtal about 200 MW at DPR stage	Project-specific procurement and financing.	DPR, land, connectivity, tender, PPA and approvals	HPPCL; Energy Department; HPSEBL	https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://www.hppcl.in/content/499_1_Overview.aspx	DPR and announcement stages are not construction or commissioning.
Solar	HPPCL portfolio	HPPCL develops State-owned solar plants and tenders new projects.	HPPCL corporate implementation plan	Quantified current and pipeline	52 MW operational; 31 MW under execution; 49 MW under tender; 500 MW corporate target	Project-specific EPC / tender / tariff treatment.	HPPCL procurement and statutory approvals	HPPCL; HPSEBL; HPERC	https://www.hppcl.in/content/499_1_Overview.aspx https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	52 MW comprises Berra Dol 5, Pekhubella 32, Bhanjal 5 and Aghlor 10 MW; pipeline remains separate.
Hydro	Resource potential	Hydropower remains the core State renewable resource.	Swaran Jayanti Energy Policy 2021	Quantified potential	24,567 MW policy-estimated hydro potential	No general capital subsidy stated by the cited policy.	Basin / project allotment, clearances, DPR, financing, construction and commissioning	Energy Department; Directorate of Energy; developers	https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Potential is not physically installed, consented or financeable capacity.
Hydro	Large hydro—installed	MNRE reports large hydro as renewable capacity in the State-wise physical inventory.	MNRE state-wise installed capacity	Quantified current	11,571.02 MW at 30-Sep-2026	Project-specific tariff, allocation and royalty/free-power treatment.	Government / utility / developer project route	MNRE; CEA; Energy Department	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Location-based installed capacity includes projects owned by multiple entities.
Hydro	Recent commissioning	New hydro units enter the physical base only after commissioning.	Himachal Pradesh Economic Survey 2025-26	Quantified commissioning	1,145 MW commissioned Apr-Dec 2025: Parbati-II 800, Uhl-III 100, Kutehr 240 and Bhanu SHP 5	Project-specific.	Commissioning certification and commercial operation	Developers; CEA; State agencies	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	The later MNRE 30-Sep-2026 total already incorporates commissioned projects; do not add 1,145 MW again.
Hydro	HPPCL under construction	HPPCL is constructing four hydro projects.	HPPCL overview; Economic Survey 2025-26	Quantified pipeline	668 MW under construction	Project-specific State / lender financing.	Construction, clearances, financing and commissioning	HPPCL; Energy Department	https://www.hppcl.in/content/499_1_Overview.aspx https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Pipeline stages are not added to operational capacity.
Hydro	Shongtong Karchham	Run-of-river hydro project under construction.	HPPCL project reporting	Quantified pipeline	450 MW; 63.55% physical progress reported at Dec-2025	Project-specific.	Complete works, testing and commissioning	HPPCL	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://www.hppcl.in/content/499_1_Overview.aspx	Scheduled dates can move; verify the current HPPCL project update.
Hydro	Small hydro—MNRE definition	MNRE physical statistics classify projects up to 25 MW as small hydro.	MNRE state-wise installed capacity	Quantified current	1,013.46 MW at 30-Sep-2026	Central SHP CFA may apply subject to scheme eligibility and sanction.	State allotment plus MNRE portal / sanction where eligible	MNRE; HIMURJA; Directorate of Energy	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nrep.mnre.gov.in/guidelines-shp	This is broader than the State's ≤5 MW HIMURJA programme statistics.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Hydro	Small hydro—≤5 MW programme	HIMURJA reports private, BOT, State and micro-hydro projects across development stages.	Himachal Pradesh Economic Survey 2025-26	Quantified portfolio	609 projects / 1,412.41 MW across stages at Dec-2025; private commissioned subset 99 projects / 356 MW	Stage- and scheme-specific.	Allotment, IA / pre-IA, clearances, connectivity, PPA, construction and commissioning	HIMURJA; HPSEBL; State departments	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://himurja.hp.gov.in/	The 1,412.41 MW portfolio is not installed capacity and must not replace MNRE's 1,013.46 MW measure.
Hydro	Small hydro—≤25 MW royalty relaxation	State extended the uniform royalty relaxation to eligible projects up to 25 MW with signed IAs, excluding projects with PPAs already executed with HPSEBL.	Swaran Jayanti Energy Policy amendment: Cabinet decision 30-Dec-2025; official implementation update 22-Jun-2026	Quantified charge treatment	Uniform 12% free power plus 1% LADF; 40-year royalty period reported for projects up to 25 MW	Developer obligation rather than capital support.	Confirm allotment letter, policy order and PPA for each project	Energy Department; HIMURJA; HPSEBL	https://www.himachalpr.gov.in/OneNews.aspx?ID=44379&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=47662&Language=1	30-Dec-2025 decision extends an existing relaxation for unsigned IAs to signed IAs, except already-executed HPSEBL PPAs; executed project terms control.
Hydro	Stalled project rationalisation	State reviewed and cancelled long-stalled hydro allotments to recycle sites.	2025 State reform programme	Quantified implementation action	194 cancellations reported in 2025 (172 ≤5 MW; 22 >5 MW); a further 15 uncommissioned amnesty-scheme projects cancelled by Cabinet on 7-Mar-2026	No automatic compensation or support inferred.	Fresh allotment only under a new competent-authority process	Energy Department; HIMURJA; Directorate of Energy	https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://himachalpr.gov.in/OneNews.aspx?ID=45554&Language=1	Dated cancellation announcements are not combined into a unique cumulative count without project-level reconciliation; commissioned MNRE totals are unaffected.
Pumped storage	Thana Plaun PSP	HPPCL is studying a pumped-storage configuration linked to the Thana Plaun site.	State allotment / Economic Survey 2025-26	Quantified proposal	270 MW; allotted to HPPCL on 8-Oct-2024; consultant / DPR / environmental work reported	Project-specific; no sanction inferred.	S&I, DPR, ToR / EIA, concurrence, financing and approvals	HPPCL; CEA; environment and water authorities	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://cea.nic.in/pumped-storage	No Thana Plaun entry in CEA operation, construction or concurred lists accessed 19-Oct-2026; DPR-examination status remains unconfirmed.
Pumped storage	Renukaji PSP	An off-stream, open-loop pumped-storage concept is proposed near Renukaji.	Economic Survey 2025-26	Quantified proposal	1,630 MW proposed	Project-specific; no sanction inferred.	Site studies, DPR, environmental / water approvals, concurrence and financing	HPPCL; CEA; State / Central authorities	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://cea.nic.in/pumped-storage	No Renukaji entry in CEA operation, construction or concurred lists accessed 19-Oct-2026; State proposal remains separately tracked.
Pumped storage	CEA PSP stage classification	CEA separately lists PSPs in operation, under construction and concurred but not yet under construction.	CEA current PSP lists, accessed 19-Oct-2026	Quantified status	No Himachal Pradesh PSP appears in those three lists; no current DPR-examination conclusion inferred	Not applicable.	Future project entry depends on progress and CEA reporting	CEA; State project agencies	https://cea.nic.in/pumped-storage	Absence from the status table does not cancel State proposals; it limits the stage claim.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Storage	HPSEBL resource requirement	CEA models storage needed for adequacy and renewable integration.	CEA Resource Adequacy Plan	Quantified planning projection	1,299 MW storage in FY 2035-36, CEA Version 3.0 (Dec-2025); revised table does not specify aggregate MWh	Procurement and VGF, if any, remain scheme / tender-specific.	HPSEBL procurement, HPERC approval and project awards	HPSEBL; HPERC; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39 https://himachalpr.gov.in/OnePressRelease.aspx?ID=49898&Language=1	Planning is not procurement. Rongtong 2 MW solar / 1 MWh BESS was commissioned Dec-2024 and inaugurated 14-Oct-2026; separate from the contracted-storage projection.
Wind	Haripurdhar pilot	HPPCL is examining a pilot wind project.	HPPCL implementation reporting; 2021 policy resource estimate	Quantified proposal	2 MW pilot at pre-feasibility / agency-empanelment stage; policy-estimated wind potential 84 MW	No State wind subsidy located.	Resource measurement, feasibility, land, connectivity and procurement	HPPCL; HIMURJA; NIWE	https://www.hppcl.in/content/499_1_Overview.aspx https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf	MNRE reports no installed wind capacity in Himachal at 30-Sep-2026.
Bioenergy	Existing capacity / CBG pilot	Existing bio-power and a proposed compressed-biogas pilot are tracked separately.	MNRE Physical Progress; HPPCL overview; HPERC RE Tariff Eighth Amendment 2026	Quantified current and proposal	10.20 MW bio-power installed; 2 tonne/day CBG pilot at DPR stage	Bioenergy Phase-I ended 31-Mar-2026; new unsanctioned CFA proposals depend on further funds / Phase-II budget approval.	BioURJA / implementing-agency route plus State project approvals	MNRE; HPPCL; HIMURJA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.hppcl.in/content/499_1_Overview.aspx https://mnre.gov.in/en/bio-energy-overview/ https://hperc.org/wp-content/uploads/2026/06/ore8-26.pdf	HPERC finalisation order 23-Jun-2026 expressly includes pine needles, horticultural waste and forest litter as biomass. Tonnes/day of CBG is not MW.
Green hydrogen	Nalagarh / Dabhota pilot	HPPCL is developing a renewable-powered green-hydrogen pilot and seeking offtake interest.	HPPCL implementation reporting and offtake EOI	Quantified pilot	1 MW electrical-input pilot; reported in final stages in Jul-2026	National Mission / award-specific support only; no automatic State subsidy inferred.	Complete plant, contracting, safety approvals and offtake	HPPCL; Energy Department; relevant safety authorities	https://www.hppcl.in/content/499_1_Overview.aspx https://www.hppcl.in/WriteReadData/Tender/EoIGHOfftake.pdf	1 MW is electrical-input capacity. June-2026 completion expectation has elapsed; July overview still reports final execution. Commissioning is not confirmed.
Hybrid / firm power	Sainj hydro-solar bundling	HPPCL is piloting hybridisation / bundling around an operating hydro asset.	HPPCL implementation reporting; HPERC RE Tariff Eighth Amendment 2026	Quantified pilot reference	43.5 MW from the 100 MW Sainj HEP earmarked for bundling; PTC engaged Jan-2026	For a composite-tariff renewable hybrid, useful life is the minimum of the constituent technology lives; pilot commercial terms remain contract-specific.	Resource assessment, procurement, scheduling and contracting	HPPCL; PTC; HPSEBL / offtaker	https://www.hppcl.in/content/499_1_Overview.aspx https://hperc.org/wp-content/uploads/2026/06/ore8-26.pdf	43.5 MW is the share of power for the pilot, not the station capacity or additional solar generation.
Transmission	Green Energy Corridor I	Transmission assets evacuate renewable generation and strengthen the State grid.	GEC-I programme; Economic Survey 2025-26	Quantified infrastructure	11 projects completed and commissioned: 846.5 MVA and 182.08 circuit-km (Economic Survey 2025-26)	40% MNRE grant, 40% KfW concessional loan and balance equity reported.	HPPTCL implementation and lender / grant compliance	HPPTCL; MNRE; KfW	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://mnre.gov.in/en/green-energy-corridors/	MVA and circuit-km are network measures, not generation capacity.
Transmission	Green Energy Corridor II	Additional transmission package for renewable evacuation in Kangra, Chamba and Una.	GEC-II programme; Economic Survey 2025-26	Quantified infrastructure and support	8 projects; 252 MVA and 281 circuit-km; completion target 2030	CFA reported at 33% of DPR cost, ₹161.53 crore.	Tender / award, construction and programme monitoring	HPPTCL; MNRE	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://mnre.gov.in/en/green-energy-corridors/	Completion target is not commissioned status.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Transmission	World Bank network package	State transmission upgrades form part of the wider power-sector programme.	World Bank-supported programme; Economic Survey 2025-26	Quantified infrastructure and support	Two substations and one line; 600 MVA and 48 km; completion target 2028	80% World Bank funding reported, with ₹257.13 crore stated in the Economic Survey; no total-package cost is inferred.	HPPTCL procurement and World Bank safeguards / reporting	HPPTCL; World Bank; State Government	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	Funding share and project progress must be checked against live procurement records.
Grid resilience	Climate and terrain risk	Hydro and transmission planning must address landslides, floods, cloudbursts, siltation and difficult access.	Economic Survey 2025-26; World Bank programme design	Unquantified implementation need	No single statewide resilience MW target	Programme- and asset-specific investment.	Engineering design, catchment / slope measures, emergency planning and insurance	Utilities; State disaster and environment authorities	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh	Do not infer availability from nameplate hydro capacity; seasonality and outages matter.
Cross-sector	Himachal Pradesh Energy Management Centre	The State created a unified framework for energy management, trading and optimisation.	State institutional reform reported in Economic Survey 2025-26	Unquantified institutional action	HPEMC operational framework reported; no capacity target	Trading and optimisation outcomes are market- and mandate-specific.	State / utility operating procedures	Energy Department; HPEMC; HPSEBL and generators	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Institutional reform is not generation capacity.
Cross-sector	Green Energy Open Access	HPERC issued a State GEOA and banking framework covering eligibility, nodal agencies, charges and banking.	HPERC GEOA and Banking Regulations 2024	Quantified framework; commencement conditional	Notification dated 17-Dec-2024; regulation says commencement is on a separately notified date	Transmission, wheeling, CSS, AS, standby, banking and other charges as applicable.	GOAR registration and State nodal-agency process once operative	HPSLDC; HPPTCL; distribution licensee; HPERC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf https://greenopenaccess.in/	Regulation 1(2) requires separate commencement. HPPTCL published its procedure as a draft in Sep-2025; HPSLDC short-term procedure also remains labelled draft. Confirm operative date.
Solar	Digital rooftop agreement—final amendment	Final amendment allows government-scheme online application formats and requires acceptance of the digital Solar Metering Connection Agreement included in them.	HPERC Rooftop Solar PV Fourth Amendment Regulations, notification dated 19-Aug-2026	Quantified final process	Draft 14-Jul-2026 finalised 19-Aug-2026; commencement on Rajpatra publication under regulation 1(2)	No new subsidy created by this amendment.	HPSEBL online / electronic application and digital connection agreement	HPERC; HPSEBL	https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf https://hperc.org/wp-content/uploads/2026/08/Orooftop4-26.pdf	Final notification replaces draft status; notification date is not represented as the independently confirmed Gazette-publication date.
Cross-sector	Demand forecast	CEA forecasts energy and peak demand for resource-adequacy planning.	CEA Resource Adequacy Plan Version 3.0, Dec-2025	Quantified planning projection	FY 2024-25: 13,566 MU / 2,273 MW actual; FY 2035-36: 22,814 MU / 3,695 MW projection	Planning input.	Annual procurement and adequacy plan updates	HPSEBL; HPERC; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39	The revised model uses mid-term 20th EPS demand, not the higher HPSEBL forecast; demand is separate from generation.
Cross-sector	Renewable purchase trajectory	CEA's plan applies the national renewable-consumption obligation trajectory and extends an assumption beyond the notified period.	CEA Resource Adequacy Plan Version 3.0, Dec-2025; national obligation trajectory through FY 2029-30	Quantified planning assumption	43.33% in FY 2029-30; CEA extends the modelling trajectory to 51.50% in FY 2035-36	Compliance mechanism per applicable regulations.	HPSEBL procurement, REC and compliance filings	HPSEBL; HPERC; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39	Post-FY 2029-30 trajectory is a CEA planning assumption, not a separately notified State obligation.

SHEET 5 OF 8

Financial Support

Incentives, charge treatment and quantified programme support

Benefits are not automatic entitlements: verify the live implementing order, project eligibility, sanction and available allocation.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Cross-sector programme	Himachal Pradesh Power Sector Development Program	World Bank loan supporting renewable integration and power-sector reforms	US$200 million	Quantified	World Bank programme; State Government	https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	Programme allocation is not a direct developer entitlement.
Solar under World Bank programme	State programme components	Programme supports about 150 MW of solar capacity and grid / institutional measures	150 MW programme objective; more than 190,000 tCO_2/year expected avoidance	Quantified programme	World Bank HP Power Sector Development Program	https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh	Project-level support depends on procurement and programme documents.
Transmission—GEC I	Eleven reported corridor projects	Grant, concessional loan and State-equity financing mix	40% MNRE grant; 40% KfW loan; balance equity	Quantified shares	Green Energy Corridor I; Economic Survey 2025-26	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://mnre.gov.in/en/green-energy-corridors/	Confirm asset-specific sanction and disbursement.
Transmission—GEC II	Eight corridor projects in Kangra, Chamba and Una	Central financial assistance	33% of DPR cost; ₹161.53 crore CFA reported	Quantified	Green Energy Corridor II; Economic Survey 2025-26	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://mnre.gov.in/en/green-energy-corridors/	Completion target 2030; tender and award status varies.
Transmission—World Bank	Two substations and one transmission line	World Bank funding share	80% World Bank funding reported; ₹257.13 crore stated against that funding in the Economic Survey	Quantified	State / World Bank transmission package	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	Verify procurement packages and current disbursement.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Residential rooftop solar	Eligible residential rooftop installation	Central financial assistance under PM Surya Ghar	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; maximum ₹85,800. Special-category residential CFA; implementation through 31-Mar-2027.	Quantified	PM Surya Ghar: Muft Bijli Yojana	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240702176803548 4.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	₹33,000/kW for first 2 kW plus ₹19,800 for the third kW; no further CFA above 3 kW. Portal eligibility, domestic-content rules and sanction apply.
Agricultural solar	Eligible pump / decentralised plant / feeder solarisation	Central / State assistance and procurement treatment	Scheme period ended 31-Mar-2026; eligible PPA / NTP projects may complete by 31-Mar-2027; A / C financial closure by 30-Nov-2026	Quantified per component	PM-KUSUM	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	PPA signed / NTP issued by 31-Dec-2025 required for completion extension; this is not a general new-sanction window. Assistance remains component-specific.
Small hydro—international-border district	Eligible 1–25 MW SHP in a district having an international border	Central financial assistance	30% of lower of actual or CERC normative project cost; cap ₹30 crore/project	Quantified	MNRE SHP Development Scheme, FY 2026-27 to FY 2030-31	https://nrep.mnre.gov.in/guidelines-shp	Construction must start after 18-Mar-2026 and eligible allotment / approvals are required. Fresh applications close 31-Dec-2030; project-specific earlier submission limits also apply.
Small hydro—other Himachal locations	Eligible 1–25 MW SHP outside an international-border district	Central financial assistance	20% of lower of actual or CERC normative project cost; cap ₹20 crore/project	Quantified	MNRE SHP Development Scheme, FY 2026-27 to FY 2030-31	https://nrep.mnre.gov.in/guidelines-shp	Pre-guideline construction after 18-Mar-2026 had a 3-month filing deadline from 15-May-2026, now elapsed. Later pre-sanction starts: apply within 3 months; 30% rate is not statewide.
Small hydro—DPR support	Eligible government / PSU / nodal-agency DPR preparation	Central support for DPR preparation	Up to ₹10 lakh/DPR for projects up to 15 MW; above 15 MW add ₹50,000/MW, capped at ₹15 lakh/DPR	Quantified	MNRE SHP Development Scheme	https://nrep.mnre.gov.in/guidelines-shp	Available only to eligible agencies and subject to portal process and sanction.
Small hydro—eligible ≤25 MW	Eligible State small-hydro projects up to 25 MW	Uniform free-power / LADF obligation under royalty relaxation	12% free power plus 1% LADF; 40-year royalty period reported	Quantified charge treatment	30-Dec-2025 Cabinet extension of royalty relaxation; 22-Jun-2026 official update	https://www.himachalpr.gov.in/OneNews.aspx?ID=44379&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=47662&Language=1	Extension covers signed IAs except projects whose HPSEBL PPAs were already executed; unsigned-IAs relaxation pre-existed. This is a developer obligation.
Solar up to 5 MW	Eligible solar project within the State tariff route	Tariff determined by HPERC	Project category and current HPERC tariff order	Quantified in live tariff order	Swaran Jayanti Energy Policy 2021 as amended in 2023	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/24068/Govt_of_Himachal_Pradesh_amended_the_Swaran_Jayanti_Energy_Policy_2021_June032023.pdf	Verify current generic / project-specific order, commissioning date and PPA.
Solar above 5 MW	Utility-scale solar project	Competitive bidding for standalone solar above 5 MW; solar component of a hybrid project remains at HPERC-determined tariff under the 18-May-2023 amendment.	Tariff and support determined through bid / PPA	Quantified per award	Swaran Jayanti Energy Policy amendment 2023	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/24068/Govt_of_Himachal_Pradesh_amended_the_Swaran_Jayanti_Energy_Policy_2021_June032023.pdf	An announced or allotted project is not a bid award.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
HPPCL / HIMURJA solar	Solar generated through the named State entities	Purchase by HPSEBL at HPERC tariff under the policy amendment	Tariff per applicable HPERC order	Quantified in tariff order	Swaran Jayanti Energy Policy amendment 2023	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/24068/Govt_of_Himachal_Pradesh_amended_the_Swaran_Jayanti_Energy_Policy_2021_June032023.pdf	Confirm capacity, PPA, approval and live tariff.
Bioenergy	Eligible biomass, waste-to-energy and biogas projects	Central financial assistance	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	MNRE National Bioenergy Programme	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	BioURJA reports exhausted funds; WTE applications from 17-Oct-2024 and biomass from 10-Oct-2024 await Phase-II budget; unsanctioned applications depend on further allocation. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Green hydrogen	Eligible production, electrolyser, hub, pilot or R&D award	National Mission / SIGHT or call-specific support	Allocation- and award-specific	Quantified per call / award	National Green Hydrogen Mission	https://mnre.gov.in/en/national-green-hydrogen-mission/	No automatic Himachal State capital subsidy was located in the cited State sources.
Storage	Eligible BESS / PSP procurement	Central scheme, VGF or tender treatment	Tender- and sanction-specific MW, MWh, VGF and tariff	Quantified per tender / sanction	Ministry of Power / CEA frameworks	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/pumped-storage	CEA resource-plan need is not a subsidy sanction.
Wind	New Himachal wind project	No standalone State capital incentive located in reviewed sources	Unquantified	Unquantified	Swaran Jayanti Energy Policy 2021; HPPCL pilot reporting	https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://www.hppcl.in/content/499_1_Overview.aspx	Use MNRE / NIWE requirements and project-specific procurement.
Land for solar / NRE	Eligible land transaction or allotment	Lease, purchase or acquisition subject to State land law; section 118 permission may apply	No uniform monetary concession stated	Unquantified	Swaran Jayanti Energy Policy amendment 2023	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/24068/Govt_of_Himachal_Pradesh_amended_the_Swaran_Jayanti_Energy_Policy_2021_June032023.pdf	Section 118 prior permission applies to private-land transfers, subject to the statutory government-company / public-body acquisition exceptions in the 18-May-2023 amendment.

SHEET 6 OF 8

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Group metering | Net billing

This sheet separates operative rooftop rules from a GEOA framework whose own commencement clause requires a separate notification. Rates are shown only where the cited instrument specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA commencement	HPERC issued the 2024 GEOA and banking regulations, but the text makes commencement conditional on a separate Commission notification.	Notification dated 17-Dec-2024; operative date not stated in the regulation	Prospective GEOA transactions	HPERC GEOA and Banking Regulations 2024	HPERC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf https://hpptcl.com/wp-content/uploads/2025/09/Final-Procedure-with-forwarding-letter.pdf https://hpsldc.com/procedures/	Separate commencement date remains unconfirmed. HPPTCL procedure was published for consultation in Sep-2025; HPSLDC lists its 6-Mar-2026 short-term procedure as draft.
Green OA eligibility	Entity may apply when sanctioned load / contract demand meets the threshold; captive consumers have no load limitation.	100 kW or more, aggregated across connections in the same electricity division; no load limit for captive	GEOA applicants once regulations commence	HPERC GEOA and Banking Regulations 2024	HPSLDC; HPPTCL; distribution licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Existing connectivity and technical requirements continue to apply.
State nodal agencies	HPSLDC handles short-term access; HPPTCL / STU handles medium- and long-term access.	Short-term up to one month; medium >3 months to 5 years; long >12 to 25 years	GEOA applicants	HPERC GEOA and Banking Regulations 2024	HPSLDC; HPPTCL	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	The regulation leaves a gap between 5 and 12 years; confirm treatment with the nodal agency.
GOAR registration	Applicant first registers on the central GOAR portal.	Registration valid 3 years; renewable for a further 3 years	GEOA applicants	HPERC GEOA and Banking Regulations 2024	Central Nodal Agency; State nodal agency	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf https://greenopenaccess.in/	Portal registration does not itself grant connectivity or open access.
Application decision	State nodal agency approves a complete application or issues a reasoned decision.	15 days; deemed approval subject to technical requirements	GEOA applicants	HPERC GEOA and Banking Regulations 2024	HPSLDC / HPPTCL	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Commencement and approved State procedure must be verified.
Quantity lock-in	Open-access quantum shall not change during the minimum scheduling interval.	12 time blocks	GEOA consumers	HPERC GEOA and Banking Regulations 2024	State nodal agency; SLDC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Scheduling and DSM requirements also apply.
Metering / communication	Meter must comply with CEA metering rules and communicate readings to SLDC in real time.	Real-time capable meter	GEOA consumers / generators	HPERC GEOA and Banking Regulations 2024	HPSLDC; licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Technical configuration and telemetry approval remain project-specific.
GEOA charges	Transmission, wheeling, CSS, additional surcharge, standby, banking, application, SLDC, scheduling, DSM and reactive charges may apply.	Rates per current HPERC MYT / tariff / other orders	GEOA transactions	HPERC GEOA and Banking Regulations 2024	HPERC; HPSLDC; HPPTCL; licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	The regulation does not supply all live rupee rates; use current orders.
CSS—captive	Cross-subsidy surcharge is not levied for qualifying captive use.	Express exemption; no separate expiry stated	Qualifying captive generation for own use	HPERC GEOA and Banking Regulations 2024	Distribution licensee; HPERC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Captive qualification and ownership / consumption tests must be met.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
CSS escalation cap	CSS for green-energy purchase may not rise beyond the stated cap during the protection period.	For 12 years, increase capped at 50% above the surcharge fixed in the OA grant year	Qualifying GEOA consumer	HPERC GEOA and Banking Regulations 2024	HPERC; distribution licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Applies to the surcharge trajectory, not to all OA charges.
CSS / additional surcharge exemptions	Express exemptions cover non-fossil WTE and green energy used for green hydrogen / ammonia; additional surcharge also exempts qualifying captive use and eligible offshore wind.	Offshore-wind AS exemption for projects commissioned up to Dec-2032; other listed exemptions have no separate expiry stated	Qualifying transactions	HPERC GEOA and Banking Regulations 2024	HPERC; distribution licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Verify source, end use, commissioning date and metering chain.
Standby supply	Distribution licensee provides standby when contracted green supply is unavailable.	All-in rate not to exceed 125% of normal tariff	GEOA consumer taking standby	HPERC GEOA and Banking Regulations 2024	Distribution licensee; HPERC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	The cap includes specified network, surcharge and loss components.
Standby notice waiver	Standby charges do not apply when adequate advance written notice is provided.	At least one day before DAM gate closure on D-1	GEOA consumer	HPERC GEOA and Banking Regulations 2024	Distribution licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Meet the exact notice timing and documentary requirements.
Banking cycle	Surplus after set-off is banked and adjusted within the same cycle.	At least monthly, on calendar-month basis; no carry-forward	Eligible GEOA banking	HPERC GEOA and Banking Regulations 2024	Distribution licensee; HPSLDC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Banking is subject to scheduling and applicable charges.
Permitted banking quantum	The regulation states a minimum permitted quantity relative to electricity directly procured from the distribution licensee.	At least 30% of monthly DISCOM-procured consumption	Eligible GEOA consumer	HPERC GEOA and Banking Regulations 2024	Distribution licensee; HPSLDC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Third-party / captive OA energy is excluded from the denominator described by the regulation.
Banking TOD use	Peak-banked energy may be drawn in peak or off-peak; off-peak-banked energy may be drawn only off-peak.	Same banking cycle	Eligible GEOA banking	HPERC GEOA and Banking Regulations 2024	Distribution licensee; HPSLDC	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Observe the applicable time-of-day blocks.
Banked-energy lapse	Unused balance lapses at cycle end; the generating station may receive RECs for lapsed banked energy.	End of each banking cycle	Eligible GEOA banking	HPERC GEOA and Banking Regulations 2024	Distribution licensee; SLDC; REC registry	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	REC entitlement remains subject to the applicable national REC framework.
Banking charge	Banking charge is adjusted in kind.	8% of energy banked at the consumer end	Eligible GEOA banking	HPERC GEOA and Banking Regulations 2024	Distribution licensee	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Verify commencement and any later HPERC order / amendment.
Rooftop net metering	Net metering remains up to 50 kWp. Under the 2024 amendment, ≤10 kW applications need no technical-feasibility study; >10 kW decision within 15 days or deemed feasible.	Up to 50 kWp, subject to sanctioned load / contract demand	Eligible prosumers	HPERC Rooftop Solar PV Regulations; Second (2022), Third (2024), Fourth (2026) Amendments	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf	2024 load limits: ≤10 kW load permits 10 kW rooftop; above 10 kW, 50% of connected load or 10 kW, whichever higher. Voltage caps apply.
Rooftop net billing	Imports and exports are recorded separately; imports are billed and exports credited.	Above 50 kWp up to 1 MWp	Eligible prosumers	HPERC Rooftop Solar PV Second Amendment 2022	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf	2024 voltage caps: LT single-phase 10 kWp, LT three-phase 20 kWp, 11 kV or higher 1 MWp; apply load restrictions and current export tariff.
Rooftop group metering	Common rooftop generation may be allocated among eligible participating connections in the same building.	Above 20 kWp up to 1 MWp; 9% deduction; share change once per FY with 60 days' notice	Eligible single-part-tariff participating consumers on common transformer	HPERC Rooftop Solar PV Second Amendment 2022	HPSEBL; HPERC	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf	Do not treat this as a general statewide virtual-net-metering rule.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Digital rooftop agreement—final	Final amendment permits government-scheme online application formats and requires acceptance of the digital Solar Metering Connection Agreement included in them.	Draft dated 14-Jul-2026 replaced by final notification 19-Aug-2026; effective on Rajpatra publication	Prospective rooftop applicants	HPERC Rooftop Solar PV Fourth Amendment Regulations 2026	HPERC; HPSEBL	https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf https://hperc.org/wp-content/uploads/2026/08/Orooftop4-26.pdf	Final regulation 1(2) ties commencement to Gazette publication; exact publication date has not been independently established.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Himachal Pradesh renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Himachal Pradesh tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; maximum ₹85,800. Special-category residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; HPSEBL / designated State agency	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407021768035484.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Himachal gets ₹33,000/kW for the first 2 kW and ₹19,800 for the next 1 kW; no additional CFA above 3 kW. HPERC eligibility and scheme conditions apply.
Agricultural solar	PM-KUSUM	Solar pumps, decentralised plants and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; HIMURJA; HPSEBL	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Completion extension only where PPA signed / NTP issued by 31-Dec-2025; no general fresh-sanction extension. Keep KUSUM-B physical capacity separate. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme	Biomass, waste-to-energy and biogas components	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated implementing agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also Phase-II-budget dependent.
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. International-border districts: 30%, cap ₹30 crore/project; other locations: 20%, cap ₹20 crore/project. Lower of actual or CERC normative cost.	Quantified	MNRE; SECI; State nodal agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Himachal Pradesh tracker use
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in specific calls / awards	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Check project-specific award and double-funding rules for the HPPCL pilot.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/pumped-storage	CEA Version 3.0 (Dec-2025) projects 1,299 MW storage for FY 2035-36; this is not a VGF sanction.
Transmission	Green Energy Corridor	Intra-State transmission strengthening for renewable evacuation	Programme-specific grant / loan / equity mix; Himachal GEC-I and GEC-II figures shown in Financial Support	Quantified per sanction	MNRE; HPPTCL; lenders	https://mnre.gov.in/en/green-energy-corridors/	MVA and circuit-km are transmission measures, not generation capacity.
Hybrid / firm power	Competitive procurement frameworks	Solar, hybrid, firm / dispatchable RE and co-located storage	Tariff and contracted MW per bid / PPA	Quantified per procurement	HPSEBL / intermediary procurer; HPERC	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39	Separate awards from CEA planning projections and HPPCL pilots.
State power-sector programme	World Bank HP Power Sector Development Program	Renewable integration, solar, distribution and institutional reforms	US$200 million loan; around 150 MW solar programme objective	Quantified programme	World Bank; Government of Himachal Pradesh; State entities	https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	Programme support is not an automatic project subsidy.

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Sources

Sources and Verification Register

Primary documents, official datasets and source-specific dates used in this tracker

Source dates and statistical scope differ. Physical capacity, contracted resources and development stages are kept separate. Unconfirmed commencement / publication dates and source-access limitations are stated explicitly.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	30-Sep-2026 dataset; accessed 19-Oct-2026
Resource planning	CEA Resource Adequacy Plan (Generation), Himachal Pradesh 2025-26 to 2035-36, Version 3.0	HPSEBL contracted capacity, demand, RPO assumptions and storage requirement	https://cea.nic.in/api/dashboardReports/download-pdf/en/f2fb2041-6526-41f8-8482-475b2b0ffe39	Dec-2025 report; replaces older planning basis; accessed 19-Oct-2026
State implementation	Government of Himachal Pradesh Economic Survey 2025-26—Power chapter	Commissioning, HPPCL / HIMURJA pipelines, transmission programmes and institutions	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Economic Survey 2025-26, Power chapter; accessed 19-Oct-2026
State policy	Swaran Jayanti Energy Policy 2021	10,000 MW by 2030 target, hydro and other-resource potential, technology scope	https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://himachalpr.gov.in/OnePressRelease.aspx?ID=24998&Language=1	Policy excerpt on third-party host; original policy notified 20-Jan-2022; official Cabinet approval 14-Jan-2022
Independent target check	World Bank approval of US$200 million Himachal power-sector programme	10 GW addition target, 150 MW solar objective and expected emissions avoidance	https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh	World Bank approval release, 27-Jun-2023
Programme finance	World Bank programme signing release	Loan signing and programme scope	https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	World Bank signing release, 7-Nov-2023
Solar / land policy	Swaran Jayanti Energy Policy amendment, 18-May-2023	Land route, section 118, ≤5 MW tariff route, >5 MW bidding and HPSEBL purchase treatment	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/24068/Govt_of_Himachal_Pradesh_amended_the_Swaran_Jayanti_Energy_Policy_2021_June032023.pdf	Government notification 18-May-2023, immediate effect; signed copy on third-party host
HPPCL portfolio	HPPCL corporate overview	328 MW operating portfolio, 668 MW hydro construction, solar pipeline, hydrogen, CBG, wind and hybrid pilots	https://www.hppcl.in/content/499_1_Overview.aspx	Overview last updated 21-Jul-2026; accessed 19-Oct-2026
Green hydrogen	HPPCL green-hydrogen offtake EOI	Existence and commercialisation route for the 1 MW pilot	https://www.hppcl.in/WriteReadData/Tender/EoIGHOfftake.pdf	Jul-2026 offtake EOI; completion / commissioning not independently confirmed

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar / hydro rollout	GoHP solar / hydro rollout releases, 22-Dec-2025 and 26-Apr-2026	Solar park / allotment portfolio and current implementation narrative	https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=46695&Language=1	547 allotments / 595.97 MW and 403.09 MW PPAs also repeated 26-Apr-2026
Renewable implementation	HIMURJA portal	State nodal-agency schemes, notices and project process	https://himurja.hp.gov.in/	State nodal agency; portal access intermittent; specific figures rely on dated official documents
Transmission implementation	HPPTCL portal	State transmission projects and procurement	https://hpptcl.com/	State transmission utility; programme figures from Economic Survey 2025-26
Grid operations	HPSLDC portal	Scheduling, system operations and State load-despatch information	https://hpsldc.com/	SLDC procedures page includes draft short-term GEOA procedure dated 6-Mar-2026
Green open access	HPERC GEOA and Banking Regulations 2024	Eligibility, nodal agencies, approval, charges and banking; commencement clause	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf	Final regulations dated 17-Dec-2024; separate commencement remains unconfirmed
Green open access	Central GOAR portal	Registration and application route	https://greenopenaccess.in/	Central GOAR portal; registration alone does not confer access
Rooftop solar	HPERC rooftop amendments: Second 2022 and Third 2024	Metering bands / group sharing; 2024 load, voltage and technical-feasibility changes	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf	Second Amendment 14-Sep-2022; Third Amendment 12-Jun-2024
Rooftop solar—final	HPERC Rooftop Solar PV Fourth Amendment 2026	Online scheme application formats and digital connection agreement	https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf https://hperc.org/wp-content/uploads/2026/08/Orooftop4-26.pdf	Final notification / order 19-Aug-2026; commences on Rajpatra publication
Pumped storage	CEA PSP current operation, construction and concurred-project lists	No Himachal project in the three lists; DPR-examination status is not established	https://cea.nic.in/pumped-storage	Accessed 19-Oct-2026; individual list issue dates not stated
Small hydro support	MNRE SHP Development Scheme guidelines	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407021768035484.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM timeline clarification	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.

Category	Document / authority	What it verifies	Official link	Status / date checked
Bioenergy	MNRE National Bioenergy Programme overview	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Green hydrogen	MNRE National Green Hydrogen Mission	National support and implementation framework	https://mnre.gov.in/en/national-green-hydrogen-mission/	Mission framework; no automatic HPPCL project subsidy or commissioning inferred
Storage / hybrid / biomass tariffs	Ministry of Power storage framework; HPERC RE Tariff Eighth Amendment 2026	National storage references; biomass definition and hybrid composite-tariff useful life	https://powermin.gov.in/en/content/energy-storage-system https://hperc.org/wp-content/uploads/2026/06/ore8-26.pdf	HPERC finalisation order 23-Jun-2026; current-regulations register lists amendment 24-Jun-2026
Transmission	MNRE Green Energy Corridor overview	Central GEC programme framework	https://mnre.gov.in/en/green-energy-corridors/	MNRE GEC programme portal; accessed 19-Oct-2026
Capacity cross-check	MNRE and State Economic Survey comparison	Later MNRE physical totals checked against State-reported commissioned projects without double counting	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	MNRE 30-Sep-2026 and State Dec-2025 baseline; different dates / scope
Target cross-check	State policy and World Bank programme comparison	10,000 MW / 10 GW 2030 green-capacity objective	https://peak-files.estonetech.in/peak-data-files/TOC/TOC_Himachal%20Pradesh%20Energy%20Policy%202021.pdf https://www.worldbank.org/en/news/press-release/2023/06/27/india-world-bank-approves-200-million-to-increase-renewable-energy-penetration-in-himachal-pradesh	State 2030 additional-capacity objective; World Bank approval 27-Jun-2023
HPPCL cross-check	HPPCL overview and Economic Survey comparison	Operating portfolio and hydro / solar project stages	https://www.hppcl.in/content/499_1_Overview.aspx https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf	Operating plants and pipeline separately reported in official sources
PSP cross-check	State PSP proposals and CEA current PSP lists	1,900 MW proposals remain separate from operation / construction / concurrence	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://cea.nic.in/pumped-storage	State proposal basis: Economic Survey 2025-26; CEA lists accessed 19-Oct-2026
Solar pipeline cross-check	State press release, Economic Survey and HPPCL overview	Allotment, PPA, execution, tender and DPR quantities	https://www.himachalpr.gov.in/OnePressRelease.aspx?ID=44265&Language=1 https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://www.hppcl.in/content/499_1_Overview.aspx	Allotment / PPA baseline also reported 26-Apr-2026; HPPCL overview 21-Jul-2026
Transmission cross-check	Economic Survey, MNRE GEC and World Bank programme sources	Financing shares, network scope and programme basis	https://econstats.hp.gov.in/wp-content/uploads/2026/05/en-economic_survey_2025-26.pdf https://mnre.gov.in/en/green-energy-corridors/ https://www.worldbank.org/en/news/press-release/2023/11/07/world-bank-signs-200-million-project-to-increase-renewable-energy-penetration-in-himachal-pradesh	Economic Survey 2025-26; GEC-I commissioned; GEC-II target 2030; World Bank package target 2028

Category	Document / authority	What it verifies	Official link	Status / date checked
Rooftop cross-check	HPERC rooftop Second, Third and Fourth Amendments	Metering bands, 2024 process changes and final 2026 digital agreement	https://webdocuploader.hpseb.in/uploader/download2.php?link=%2Fportal%2Fregulation%2FRooftop+Solar+PV+Regulation+2022.pdf https://hperc.org/wp-content/uploads/files/frooftop3-24.pdf https://hperc.org/wp-content/uploads/2026/08/FSolarroof4-26.pdf	14-Sep-2022; 12-Jun-2024; 19-Aug-2026 respectively
GEOA legal-status check	HPERC GEOA regulations; HPPTCL / HPSLDC procedures	Commencement clause and implementation procedures	https://hperc.org/wp-content/uploads/files/fGEOA24.pdf https://hpptcl.com/wp-content/uploads/2025/09/Final-Procedure-with-forwarding-letter.pdf https://hpsldc.com/procedures/	Commencement date unconfirmed; HPPTCL draft published Sep-2025; HPSLDC short-term draft 6-Mar-2026
Scheme-location check	MNRE SHP guideline	20% / ₹20 crore general Himachal rate versus 30% / ₹30 crore international-border-district rate	https://nrep.mnre.gov.in/guidelines-shp	15-May-2026 guideline; border-district distinction retained
State programme amendments	GoHP hydro royalty and Green Panchayat revenue decisions	≤25 MW royalty extension; 25% Panchayat / 25% welfare revenue shares	https://www.himachalpr.gov.in/OneNews.aspx?ID=44379&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=47662&Language=1 https://himachalpr.gov.in/OnePressRelease.aspx?ID=47169&Language=1	30-Dec-2025; implementation update 22-Jun-2026; Panchayat revision 4-Jun-2026
Source coverage	Current-status limitations	GEOA commencement and rooftop Gazette-publication date remain unconfirmed; policy copies on non-government hosts are labelled. Use competent-authority documents before reliance.	19 October 2026	Status as at 19-Oct-2026; source-specific limits apply

Jharkhand Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage

Reviewed 19 October 2026

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Synopsis

Jharkhand Renewable Energy: Policy and Investment Synopsis

Jharkhand's renewable energy framework centres on solar, covering utility projects, industrial supply, rooftops and off-grid applications. State incentives support land access and eligible electricity transactions, while regulatory provisions govern banking, metering and grid charges.

1. Policy Overview

- Major instruments: Jharkhand State Solar Policy 2022, operative until 4 July 2027 unless superseded; Green Energy Open Access Regulations 2024; Group and Virtual Net Metering Regulations 2024; and Solar Tariff Regulations 2025.
- Installed renewable capacity: 629.63 MW at 30 September 2026, comprising 395.44 MW solar, 210 MW large hydro, 20.14 MW bio-power and 4.05 MW small hydro.
- Solar composition: 71 MW ground-mounted, 96.70 MW rooftop and 227.74 MW off-grid.

2. Major Commitments and Projections

- Solar target: 4,000 MW cumulative capacity by 2027, comprising 3,000 MW utility-scale, 720 MW distributed and 280 MW off-grid solar.
- Selected sub-targets: Utility-scale solar includes 900 MW floating and 400 MW canal-top projects. Distributed solar includes 250 MW rooftop and 220 MW captive capacity. These are policy targets.
- Renewable purchase obligation: 35.95% in FY2026–27, rising to 43.33% in FY2029–30.
- Planning projections: The Central Electricity Authority's FY2035–36 model includes 4,398 MW contracted solar, 2,000 MW wind and 3,021 MW storage. These are model outputs, not procurement awards or assured projects within Jharkhand.

3. Investment Framework

- Solar land incentives: Eligible projects receive 100% stamp-duty exemption and land-use conversion fee waiver. Government land may be leased for up to 30 years or the project life, whichever is shorter, subject to availability and allotment terms.
- Solar with storage: Eligible projects selling within Jharkhand receive 100% transmission and wheeling charge exemption for ten years from commissioning. Network losses remain payable.
- Industrial supply: Intra-State third-party solar projects below 25 MW and qualifying captive solar receive cross-subsidy and additional surcharge exemptions under applicable conditions.
- Electricity duty: Eligible rooftop net-metered, captive, pump and solar electric-vehicle charging applications receive five-year exemption or reimbursement from commissioning.

- Open access and banking: The eligibility threshold is 100 kW, with aggregation permitted within the same electricity division; captive consumers have no load threshold. Banking is monthly, with an 8% in-kind charge.
- Procurement and rooftops: Competitive bidding is the normal solar procurement route, subject to specified exceptions. Group and virtual net metering provide additional arrangements for eligible consumers without arrears.

4. Principal Implications

- Monthly banking, surplus lapse and restrictions on drawing off-peak credits during peak periods make matching generation with consumption commercially important.
- Network-charge exemptions favour eligible solar-storage supply within Jharkhand.
- The policy's five-year State GST relief remains conditional on GST Council approval or recommendation and enabling implementation.

5. Investment Outlook

- Industrial solar: Captive supply and eligible third-party projects below 25 MW have defined surcharge concessions.
- Rooftop portfolios: Group and virtual net metering support shared generation arrangements.
- Floating and canal-top solar: Policy sub-targets identify development opportunities, dependent on water-body rights and procurement.
- Storage: Solar-linked charge relief offers a commercial basis; the resource-adequacy model indicates longer-term procurement requirements.

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Overview

Jharkhand Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage | Reviewed 19 October 2026

Read definitions carefully: MNRE figures are physical capacity located in Jharkhand. The 4,000 MW Solar Policy target, CEA contracted capacity, scheme sanctions, tenders and CEA model outputs are kept separate. The Solar Policy 2022 remains live through 4 July 2027 unless superseded.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Jharkhand	629.63 MW	Solar Policy targets 4,000 MW cumulative solar by 2027	Quantified current; policy target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf
Solar—total physically installed	395.44 MW	4,000 MW cumulative solar by 2027	Quantified current; policy target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf
Solar—ground mounted	71.00 MW	3,000 MW utility-scale solar	Quantified current; policy sub-target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf
Solar—rooftop	96.70 MW	250 MW rooftop solar	Quantified current; policy sub-target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf
Solar—off-grid / KUSUM-B	227.74 MW	280 MW off-grid solar, including 120 MW pumps	Quantified current; policy sub-target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf
Wind physically installed	0.00 MW	CEA model reaches 2,000 MW contracted wind by FY2035-36	Quantified current; model output separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457
Bio-power physically installed	20.14 MW	NBP Phase-I reports only a supported subset	Quantified current; programme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars
Small hydro physically installed	4.05 MW	No separate live State addition target identified	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Large hydro physically installed	210.00 MW	CEA contracted hydro baseline: 341 MW at 31-Mar-2025	Location-based current; contracted baseline separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
JBVNL contracted capacity	3,097.00 MW	CEA model: 14,768 MW by FY2035-36	Quantified contracted; not location-based	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457
Projected peak demand	5,010.00 MW	FY2035-36; projected electrical energy 29,461 MU	CEA projection	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457
Storage planning	No operational BESS quantity inferred	CEA model: 747 MW six-hour + 2,274 MW four-hour storage by FY2035-36	Modelled; not commissioned	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Jharkhand tracker

These definitions control the separation of physical capacity, contracted shares, policy targets, scheme sanctions, procurement stages, model outputs and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Jharkhand. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Jharkhand from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy or regulation still operative on the checked date.
Policy target	A stated ambition or planned capacity. It is not a sanction, award, PPA or commissioned project.
Commissioned	A project or capacity reported as operational. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not treated as operational until installation is reported.
Tender process	A procurement stage. Tendered quantity is not an award, construction milestone or commissioned capacity.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE	Distributed renewable energy in CEA planning, principally rooftop / distributed solar.
FLS / IPS	Feeder-level solarisation / individual pump solarisation under PM-KUSUM Component C.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
GEOA	Green Energy Open Access under JSERC's 2024 regulation.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability depends on transaction facts and current orders.
RPO / RCO	Renewable purchase / consumption obligation, expressed as a share of electricity consumption.
REC	Renewable Energy Certificate under the applicable central and State compliance framework.
TPH	Tonnes per hour.
MU	Million units of electricity, equal to one million kWh.

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Policy Tracker

Policy Tracker

Live policy | Capacity | Targets | Projects | Planning

The Solar Policy 2022 covers solar projects. JSERC regulations govern grid access, tariffs and metering; current regulations prevail where older policy provisions differ.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Solar	Live State policy	Jharkhand State Solar Policy 2022 governs State solar development.	Jharkhand State Solar Policy 2022	Live policy	5-Jul-2022 to 4-Jul-2027 unless superseded	Commissioned or PPA signed during the operative period; specific eligibility conditions apply.	Apply current regulations	Department of Energy; JREDA	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Supersedes the 2015 solar policy.
Solar	Headline target	Policy targets cumulative solar capacity by 2027.	Solar Policy 2022	Quantified policy target	4,000 MW	No automatic project entitlement.	Allocation, grid and COD	JREDA; utilities	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Do not add to installed capacity.
Solar	Annual trajectory	Policy sets annual additions for FY2022-23 to FY2026-27.	Solar Policy 2022	Quantified target	443; 697; 1,105; 990; 765 MW	Planning trajectory.	Year-wise implementation	JREDA	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Sum equals 4,000 MW.
Utility solar	Aggregate sub-target	Utility-scale projects form the largest policy segment.	Solar Policy 2022 / JSERC Solar Tariff Regulations 2025	Quantified target	3,000 MW	Route-specific.	Procurement / OA / captive; current tariff rules	JREDA; utilities	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/394_2_2025.pdf	3,000 MW sub-target. Tariff control period: 15-Aug-2025 to 31-Mar-2028; bidding is the norm, with project-specific exceptions under A7.
Solar parks	Park sub-target	Policy reserves a portion for solar parks.	Solar Policy 2022	Quantified target	700 MW	Project approval required.	Park development and bidding	JREDA	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Target, not sanctioned capacity.
Utility solar	Non-park sub-target	Policy provides for utility-scale projects outside parks.	Solar Policy 2022	Quantified target	1,000 MW	Project route applies.	Land, grid and offtake	JREDA; utilities	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Includes no automatic award.
Floating solar	Sub-target	Policy targets floating solar on suitable water bodies.	Solar Policy 2022	Quantified target	900 MW	Site-specific approvals.	Feasibility, water-body rights and tender	JREDA; water-body owner	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	No project commissioning inferred.
Canal-top solar	Sub-target	Policy targets canal-top solar.	Solar Policy 2022	Quantified target	400 MW	Site-specific approvals.	Canal rights, grid and procurement	JREDA; Water Resources	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Target, not pipeline.
Distributed solar	Aggregate sub-target	Policy covers rooftop, captive and agricultural solar.	Solar Policy 2022	Quantified target	720 MW	Route-specific.	Consumer / captive implementation	JREDA; DISCOMs	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Separate from utility-scale target.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Rooftop solar	Sub-target	Policy targets grid-connected rooftop solar.	Solar Policy 2022	Quantified target	250 MW	Metering regulation applies.	Up to 10 kW: no technical feasibility study; commensurate sanctioned-load enhancement by DISCOM.	DISCOMs; JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/391_2_2024.pdf https://jserc.org/pdf/regulations/784_2_2024.pdf https://jserc.org/pdf/regulations/222_2_2025.pdf https://jserc.org/pdf/regulations/39_2_2026.pdf	Fourth amendment effective 13-Jun-2024; voltage follows Supply Code under fifth amendment effective 16-Dec-2024.
Captive solar	Sub-target	Policy targets solar for captive use.	Solar Policy 2022	Quantified target	220 MW	Captive and OA rules apply.	Connectivity and compliance	JSERC; utilities	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Target, not contracted capacity.
Agricultural solar	Sub-target	Policy targets solar agriculture applications.	Solar Policy 2022	Quantified target	250 MW	Scheme / procurement terms.	Pump and feeder execution	JREDA; DISCOMs	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Distinct from PM-KUSUM sanctions.
Off-grid solar	Aggregate sub-target	Policy combines microgrids, livelihoods and pumps.	Solar Policy 2022	Quantified target	280 MW	Application-specific.	Decentralised implementation	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Components total 280 MW.
Mini / microgrids	Sub-target	Policy targets decentralised mini and microgrids.	Solar Policy 2022	Quantified target	110 MW	Site and service model apply.	Village / load assessment	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Target only.
Solar livelihoods	Sub-target	Policy supports productive-use and livelihood solar.	Solar Policy 2022	Quantified target	50 MW	Programme-specific.	Beneficiary implementation	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Target only.
Solar pumps	Sub-target	Policy targets solar pumps.	Solar Policy 2022	Quantified target	120 MW	Pump / scheme specifications.	Beneficiary and procurement route	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	MW target differs from pump counts.
Solar villages	Model-village programme	Policy proposes model solar villages.	Solar Policy 2022	Quantified target	1,000 villages	Selection and programme design.	Village implementation	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Count, not MW.
Solar	DISCOM purchase share	Policy seeks a higher solar share in DISCOM energy purchase.	Solar Policy 2022	Quantified objective	12.5% by FY2023-24, then RPO trajectory	RPO compliance basis applies.	Procurement and reporting	DISCOMs; JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	FY2023-24 policy objective has elapsed; FY2026-27 overall RPO is 35.95% under the 2024 amendment.
Solar	Existing physical portfolio	MNRE reports Jharkhand's solar components.	MNRE installed capacity	Quantified current	395.44 MW at 30-Sep-2026	Location-based.	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	71.00 ground; 96.70 rooftop; 227.74 off-grid.
Residential solar	PM Surya Ghar progress	Parliament reports national-portal progress.	Lok Sabha UQ 2806	Quantified current progress	3,331 installations; 14.05 MW; ₹21.62 crore CFA	Central scheme rules.	Portal and DISCOM verification	MNRE; DISCOMs	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	At 31-Jul-2026; subset of rooftop total.
Agricultural solar	PM-KUSUM Component B	Parliament reports sanctioned and installed pump counts.	Rajya Sabha UQ 1265	Quantified scheme progress	86,985 sanctioned; 49,790 installed	Scheme period ended 31-Mar-2026; existing sanctions and subsequent MNRE extensions govern.	Beneficiary execution	MNRE; JREDA	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	At 31-Jan-2026; counts are not MW.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Agricultural solar	PM-KUSUM A and C	Parliament reports no State quantity in these components at the answer date.	Rajya Sabha UQ 1265	Quantified scheme progress	A: 0 MW; C-IPS: 0; C-FLS: 0	Scheme period ended 31-Mar-2026; no fresh sanction window inferred.	Existing projects: conditional financial closure / completion	MNRE; JREDA	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Progress at 31-Jan-2026. A/C financial closure: 30-Nov-2026; completion: 31-Mar-2027 only for PPA signed / NTP issued by 31-Dec-2025.
Land	Stamp duty	Policy grants stamp-duty relief for solar-project land instruments.	Solar Policy 2022	Quantified incentive	100% exemption	Eligible lease, purchase or sublease.	Land registration and claim	State authorities	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Project eligibility must be evidenced.
Land	Conversion	Eligible solar land receives deemed non-agricultural status.	Solar Policy 2022	Quantified incentive	100% waiver of land-use conversion fee	Eligible project land.	Land approval	Revenue authorities	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Other statutory clearances remain.
Land	Government lease	Government land may be leased for solar projects.	Solar Policy 2022	Quantified term	30-year allotment; extension up to a maximum 40 years (8.1.5)	Availability and allotment terms.	Lease and milestones	State Government; JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Lease-rent collection under 8.1.1 is 30 years or project life, whichever is less; allotment terms and project milestones apply.
Land	Land norms	Policy caps eligible land allocation by technology.	Solar Policy 2022	Quantified norms	2.0 ha/MW fixed; 3.0 tracker; 3.5 thin-film/CSP	Technology and PLF conditions.	DPR and land scrutiny	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	CSP receives 0.15 ha/MW per 1% PLF above 21%.
EV charging	Land concession	Solar EV-charging projects on government land receive an additional concession.	Solar Policy 2022	Quantified incentive	50% additional land-lease concession for first 50 MW	Non-park category and government land.	Allotment and commissioning	JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	First-come project threshold.
Electricity duty	Eligible uses	Policy provides electricity-duty relief for specified solar applications.	Solar Policy 2022	Quantified incentive	Exempted / reimbursed for 5 years from COD	Rooftop net meter, captive, pumps and EV charging.	Claim after COD	State Government	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Read with later regulations.
SGST	Eligible inputs	Policy states State GST relief for specified solar uses.	Solar Policy 2022	Quantified incentive	100% exemption for 5 years	Subject to GST Council approval / recommendation.	Notification and claim	State Government	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Not automatic without enabling implementation.
Open access	State-policy facilitation	Current GEOA grant / refusal timetable supersedes the older policy window.	Solar Policy 2022 / JSERC GEOA Regulations 2024	Quantified procedure	Within 12 working days from SNA receipt (Annexure-1)	Complete GEOA application; system availability.	Application and network study	STU / SLDC; concerned licensees	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/256_2_2024.pdf	If no grant / refusal is intimated in time, deemed approval is subject to system availability. Older policy stated 21 days.
Solar + storage	Network-charge relief	Projects selling within Jharkhand may receive transmission and wheeling relief.	Solar Policy 2022 / GEOA 2024	Quantified incentive	100% exemption for 10 years	Solar plus storage sale within State; losses apply.	Eligibility and billing	JSERC; utilities	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/256_2_2024.pdf	Ten-year exemption runs from COD; transmission and wheeling losses remain payable.
Third-party / captive	CSS and AS relief	Certain intra-State solar transactions receive surcharge exemptions.	Solar Policy 2022 / GEOA 2024	Quantified eligibility	Third-party projects below 25 MW; captive solar	Transaction facts and regulation apply.	OA approval and billing	JSERC; utilities	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/256_2_2024.pdf	Use current regulatory wording.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Industry	Deemed status	Solar projects receive deemed industry status.	Solar Policy 2022	Live policy direction	No MW threshold stated	Eligible project.	Industrial facilitation	State Government; JREDA	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Does not replace sector approvals.
Manufacturing	State incentives	Policy supports solar-module and battery-storage manufacturing.	Solar Policy 2022	Quantified incentive	100% stamp-duty relief; electricity duty 5 years; net SGST reimbursement has no stated fixed term	Notification and eligible investment.	Industrial approval and claim	Industries Department	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Clause 8.2.17 also states customs-duty reimbursement for 5 years; enabling notification and lawful claim route must be established.
Bio-power	Existing physical portfolio	MNRE reports non-bagasse cogeneration and off-grid WTE.	MNRE installed capacity	Quantified current	20.14 MW	Location-based.	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	19.10 MW non-bagasse + 1.04 MW off-grid WTE.
Bioenergy	NBP Phase-I subset	Parliament reports programme-supported outputs.	Rajya Sabha UQ 2061	Quantified programme subset	5 MW non-bagasse; 2 TPH pellets; 1.04 MWe WTE; 11 biogas plants	Central programme-specific.	Project records	MNRE	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Subset does not equal State bio-power total.
Resource adequacy	CEA contracted baseline	CEA reports JBVNL's all-source contracted portfolio.	CEA RA Plan 2026	Quantified contracted	3,097 MW at 31-Mar-2025; 39% non-fossil	Contracted, not location-based.	Procurement planning	JBVNL; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457	Includes solar 476 MW, wind 300 MW and DRE 92 MW.
Resource adequacy	FY2035-36 model	CEA least-cost model expands renewable and storage resources.	CEA RA Plan 2026	Modelled planning output	14,768 MW total; 4,398 solar; 2,000 wind; 3,021 storage	Model result, not sanction.	Long-term procurement	JBVNL; CEA	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457	Storage is 747 MW six-hour plus 2,274 MW four-hour.

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Financial Support

Financial Support and Incentives

State-policy provisions | Central CFA | Manufacturing

Benefits are not automatically cumulative. Each requires the applicable notification, eligible investment, claim process, budget and verification. Current regulations govern grid charges even where the older policy contains commercial provisions.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Solar projects	Stamp-duty exemption	Lease, purchase or sublease of project land	100%	Quantified State incentive	Eligible solar project	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Confirm instrument and claim procedure.
Solar projects	Land-use conversion fee	Deemed non-agricultural use	100% waiver	Quantified State incentive	Eligible project land	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Other clearances remain.
Solar projects	Other land / development fees	Court fee, approval and stated development charges	100% exemption	Quantified State incentive	As specified in policy	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Verify each implementing notification.
Government-land projects	Lease tenure	Government land	30-year allotment; extension up to maximum 40 years	Quantified term	Allotment and availability	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Lease-rent collection: 30 years or project life, lower (8.1.1). Allotment tenure is separately specified in 8.1.5.
Solar EV charging	Land lease concession	Government land	Additional 50% for first 50 MW	Quantified State incentive	Non-park category	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Threshold is aggregate first-mover capacity.
Specified solar uses	Electricity-duty relief	Rooftop net meter, captive, pumps, EV charging	5 years from COD	Quantified State incentive	Eligible commissioned plant	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Exemption / reimbursement route must be checked.
Specified solar uses	State GST relief	Eligible inputs	100% for 5 years	Conditional State incentive	Subject to GST Council approval / recommendation	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Do not assume automatic availability.
Solar + storage	Transmission charge exemption	Sale within Jharkhand	100% for 10 years	Quantified State incentive	Eligible transaction	https://jserc.org/pdf/regulations/2562_2024.pdf	Transmission losses remain applicable.
Solar + storage	Wheeling charge exemption	Sale within Jharkhand	100% for 10 years	Quantified State incentive	Eligible transaction	https://jserc.org/pdf/regulations/2562_2024.pdf	Wheeling losses remain applicable.
Third-party solar	CSS / AS exemption	Intra-State project	Project size below 25 MW	Quantified eligibility	Current GEOA conditions	https://jserc.org/pdf/regulations/2562_2024.pdf	Check transaction structure.
Captive solar	CSS / AS exemption	Captive consumption	Exempt subject to captive compliance	Regulatory incentive	Captive rules	https://jserc.org/pdf/regulations/2562_2024.pdf	Annual captive tests still matter.
Timely projects	Electricity duty and banking relief	Policy milestone incentive	10 years	Quantified State incentive	Timely completion conditions	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Current GEOA banking regulation prevails operationally.
Manufacturing	Stamp duty	Solar-module / battery-storage manufacturing	100%	Quantified State incentive	Eligible manufacturing investment	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Industrial policy process applies.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Manufacturing	Net SGST	Solar-energy equipment manufacturers	Net SGST reimbursement; no fixed term stated in clause 8.2.17	Quantified State incentive	Enabling notification and claim	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	Confirm the enabling notification, eligible net SGST and claim basis.
Residential consumers	PM Surya Ghar CFA	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified central CFA	Eligible residential consumer	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Scheme runs through 31-Mar-2027; national portal and DISCOM verification apply.
PM Surya Ghar progress	CFA released	Jharkhand installations	₹21.62 crore at 31-Jul-2026	Quantified current progress	Scheme-approved installations	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Not a future allocation.
Agricultural consumers	PM-KUSUM	Pumps and decentralised solar	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned projects only	Sanction and scheme terms	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Scheme ended 31-Mar-2026. A/C closure: 30-Nov-2026; completion 31-Mar-2027 only if PPA signed / NTP issued by 31-Dec-2025.
Bioenergy projects	National Bioenergy Programme Phase-I	Pellets / briquettes and non-bagasse cogeneration	Briquettes: ₹9 lakh/MTPH, cap ₹45 lakh. Pellets: non-torrefied ₹21 lakh/MTPH, cap ₹105 lakh; torrefied ₹42 lakh/MTPH, cap ₹210 lakh; both limited to 30% eligible plant/machinery cost. Cogeneration: ₹40 lakh/MW, cap ₹5 crore.	Phase-I ended; valid sanctions only	Valid approval and conditions	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/2024071617800011 86.pdf https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Pellet rates revised 16-Jul-2024 for applications received after the OM. Phase-I ended 31-Mar-2026; funds exhausted; unsanctioned proposals depend on Phase-II approval/budget. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Solar parks	Central solar-park support	Shared infrastructure	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	Project-specific approval	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	OM 17-Sep-2025: new sanctions only through 31-Mar-2026; ongoing parks / liabilities through 31-Mar-2029. No Jharkhand award inferred.

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Grid & Metering

Grid, Open Access and Metering

Rooftop arrangements | GEOA | Banking | Charge stack | RPO

Jharkhand's rooftop, group / virtual net-metering, GEOA and RPO instruments govern different transaction routes. Apply the current instrument and tariff order; the newer 2024 GEOA rules supersede inconsistent banking language in the 2022 policy.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA regulation	JSERC issued a dedicated Green Energy Open Access regulation in 2024.	Published 9-May-2024	Green-energy consumers / generators	JSERC GEOA Regulations 2024	JSERC; STU; SLDC; DISCOMs	https://jserc.org/pdf/regulations/256_2_2024.pdf	Prevails over inconsistent older policy terms.
GEOA threshold	Connections may be aggregated within the same electricity division.	100 kW contracted demand / sanctioned load	Eligible consumer	JSERC GEOA 2024	GOAR; State nodal agency	https://jserc.org/pdf/regulations/256_2_2024.pdf	No load limit for captive consumers.
Green-energy scope	Definition includes renewable energy, storage charged by RE and green hydrogen / ammonia substitution.	Technology-specific	Eligible transaction	JSERC GEOA 2024	JSERC; utilities	https://jserc.org/pdf/regulations/256_2_2024.pdf	Use source and transaction facts.
Consumer requisition	DISCOM consumers may requisition green energy in percentage steps.	25% steps up to 100%; minimum one year	DISCOM consumer	JSERC GEOA 2024	DISCOM	https://jserc.org/pdf/regulations/256_2_2024.pdf	Requirement is pre-specified for at least one year.
OA duration	Applications are classified by contract term.	Long-term >12 years; medium-term >3 months to 3 years; short-term up to 1 month	OA applicant	JSERC GEOA 2024	STU / SLDC	https://jserc.org/pdf/regulations/256_2_2024.pdf	Use the correct nodal route.
Application route	Applications flow through the Green Energy Open Access Registry.	Grant / refusal within 12 working days from SNA receipt	GEOA applicant	JSERC GEOA 2024	STU for LT/MT; SLDC for ST	https://jserc.org/pdf/regulations/256_2_2024.pdf	Annexure-1: deemed grant on failure to intimate, subject to system availability; complete documents, fee and security required.
Processing fee	Regulation specifies application fees.	₹10,000 LT/MT; ₹3,000 short-term	GEOA applicant	JSERC GEOA 2024	Nodal agency	https://jserc.org/pdf/regulations/256_2_2024.pdf	Fees are not project capital support.
Bank guarantee	LT / MT applications require a bank guarantee.	₹10,000/MW	LT / MT applicant	JSERC GEOA 2024	STU	https://jserc.org/pdf/regulations/256_2_2024.pdf	Application-stage security.
Charge stack	OA can attract transmission, wheeling, CSS, AS, standby, banking, SLDC, scheduling and DSM charges.	Rates in current orders	OA consumer	JSERC GEOA 2024	JSERC; utilities	https://jserc.org/pdf/regulations/256_2_2024.pdf	Exemptions are transaction-specific.
Banking basis	Green energy may be banked and accounted monthly.	8% in-kind charge	GEOA consumer	JSERC GEOA 2024	DISCOMs; SLDC	https://jserc.org/pdf/regulations/256_2_2024.pdf	Newer rule replaces older policy's annual-banking mechanics.
Banking availability	There is no non-banking month; accounting is slot-to-slot.	Monthly	GEOA consumer	JSERC GEOA 2024	SLDC; DISCOMs	https://jserc.org/pdf/regulations/256_2_2024.pdf	Off-peak bank cannot be drawn in peak slot.
Unused banked energy	Unused monthly surplus lapses; generator receives REC entitlement.	Monthly settlement	RE generator / GEOA consumer	JSERC GEOA 2024	SLDC; REC mechanism	https://jserc.org/pdf/regulations/256_2_2024.pdf	Not paid under the older policy formula.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Standby supply	Standby drawal is charged above normal tariff.	1.25 times normal tariff	OA consumer	JSERC GEOA 2024	DISCOM	https://jserc.org/pdf/regulations/256_2_2024.pdf	Advance-notice exception applies.
GEOA transaction charge	Monthly transaction charge applies.	₹10,000 per month	GEOA user	JSERC GEOA 2024	Nodal agency	https://jserc.org/pdf/regulations/256_2_2024.pdf	Separate from energy and network charges.
Meter reading	Meter-reading charge applies unless AMR is used.	₹1,000	GEOA user	JSERC GEOA 2024	Utility	https://jserc.org/pdf/regulations/256_2_2024.pdf	Current implementation should be checked.
Metering	Time-of-day metering and real-time communication are required.	15-minute blocks	GEOA consumer / generator	JSERC GEOA 2024	SLDC; utilities	https://jserc.org/pdf/regulations/256_2_2024.pdf	Supports scheduling and accounting.
Solar + storage	Eligible within-State sale receives network-charge exemption.	100% transmission and wheeling for 10 years	Solar + storage project	Solar Policy 2022 / GEOA 2024	JSERC; utilities	https://jserc.org/pdf/regulations/256_2_2024.pdf	Losses remain applicable.
Rooftop regulation	The 2015 net / gross metering regulation remains operative as amended through 2026.	Seventh amendment published 2-Feb-2026	Rooftop applicant	JSERC rooftop regulation	JSERC; DISCOMs	https://jserc.org/pdf/regulations/391_2_2024.pdf https://jserc.org/pdf/regulations/784_2_2024.pdf https://jserc.org/pdf/regulations/222_2_2025.pdf https://jserc.org/pdf/regulations/39_2_2026.pdf	Up to 10 kW: no feasibility study (fourth amendment). Connection voltage follows Supply Code (fifth). PM Surya Ghar agreement may be dispensed with (sixth); anti-islanding remains mandatory.
Rooftop fees	Current application and registration fees vary by plant size.	Application ₹250/₹750/₹1,500; registration ₹1,000/₹2,500/₹5,000	Up to 50 kW; >50 kW–1 MW; >1–2 MW	Seventh Amendment 2026	DISCOMs	https://jserc.org/pdf/regulations/39_2_2026.pdf https://jserc.org/pdf/regulations/222_2_2025.pdf	PM Surya Ghar applicants are exempt under the sixth amendment.
Group / virtual net	JSERC created group and virtual net-metering frameworks.	Technical feasibility in 7 working days; agreement within 30 days	Eligible consumers without arrears	JSERC GNM/VNM Regulations 2024	DISCOMs	https://jserc.org/pdf/regulations/257_2_2024.pdf	Install within six months of agreement. Charge concessions under regulation 14.1 are subject to policy 8.2.5 and Commission prudence, case by case.
GNM / VNM settlement	Credits carry forward within the financial-year settlement period.	Unadjusted credits paid at tariff-order rate; reset yearly	Participating consumers	JSERC GNM/VNM Regulations 2024	DISCOMs	https://jserc.org/pdf/regulations/257_2_2024.pdf	Share ratios may be changed once yearly with two months' notice.
RPO trajectory	The 2024 second amendment sets State renewable-consumption percentages.	FY2026-27 total 35.95%; FY2029-30 total 43.33%	Obligated entity	JSERC RPO Second Amendment 2024	JREDA; JSERC	https://jserc.org/pdf/regulations/158_2_2024.pdf	Categories are wind, hydro, distributed and other RE.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Jharkhand renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction or tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Jharkhand tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; DISCOMs	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Scheme through 31-Mar-2027. Jharkhand: 3,331 installations / 14.05 MW at 31-Jul-2026; historical subset of rooftop total.
Agricultural solar	PM-KUSUM	Decentralised plants, pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; JREDA	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	B progress at 31-Jan-2026: 86,985 sanctioned / 49,790 installed. A/C completion: 31-Mar-2027 only if PPA signed / NTP issued by 31-Dec-2025. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme Phase-I	Biomass, WTE, biogas and pellets	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407161780001186.pdf https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also Phase-II-budget dependent.
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified per sanction	MNRE; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Jharkhand tracker use
Solar parks	Solar Park / Ultra Mega Solar framework	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	OM 17-Sep-2025: new sanctions ended 31-Mar-2026; completion / committed liabilities extended to 31-Mar-2029.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Jharkhand award inferred.
Storage	Central energy-storage frameworks	Utility-scale BESS / PSP procurement	Project-specific VGF / enabling support	Quantified per project	Ministry of Power; utilities	https://powermin.gov.in/en/content/energy-storage-system	CEA model output is not an award.
Open access	Green Energy Open Access Rules	Renewable supply to eligible consumers	Implemented through JSERC GEOA Regulations 2024	Regulatory	JSERC; GOAR; utilities	https://jserc.org/pdf/regulations/2562_2024.pdf	State threshold and banking terms are in Grid & Metering.
Skills	Suryamitra / allied training	Renewable-energy technician capacity building	Programme-based; no Jharkhand MW target	Unquantified State share	MNRE institutions	https://suryamitra.nise.res.in/	Training output is not installed capacity.

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Sources

Sources and Verification Register

Official policies, regulations, scheme documents and dated capacity / progress publications

Sources have different dates and scopes. Physical capacity, contracted shares, policy targets, scheme sanctions and model outputs remain separate. Scheme support is subject to eligibility, sanction and available funding.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Capacity at 30-Sep-2026; published Oct-2026
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Current publication portal
Historical capacity publication	CEA installed-capacity report, 31-Aug-2026	Official CEA publication carrying MNRE RES data	https://cea.nic.in/reports/dashboardView?headingId=107&subHeadingId=1003&subSubHeadingId=10014&title=Installed%20Capacity&lang=en	CEA dashboard lists August 2026; current physical totals use MNRE 30-Sep-2026.
State policy	Jharkhand State Solar Policy 2022	Operative period, 4,000 MW target, routes and incentives	https://api.ireda.com/all-uploaded-img/img/6360e972de5e0.pdf	Operative 5-Jul-2022 to 4-Jul-2027 unless superseded
State agency	JREDA portal	Nodal agency and programme implementation	https://jreda.com/	State implementing agency
Tender register	JREDA tenders	Official procurement-status route	https://jreda.com/Tender_c	Tender register; tender stage is not commissioning
Generation planning	CEA Jharkhand Resource Adequacy Plan Version 2.0	Contracted baseline, demand and FY2035-36 model	https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457	January 2026; Version 2.0
Rooftop progress	Lok Sabha UQ 2806, answered 5-Aug-2026	PM Surya Ghar applications, installations, capacity and CFA	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Answered 5-Aug-2026; progress at 31-Jul-2026
Agricultural solar	Rajya Sabha UQ 1265, answered 10-Feb-2026	PM-KUSUM sanctions and installations at 31-Jan-2026	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Answered 10-Feb-2026; progress at 31-Jan-2026
Bioenergy	Rajya Sabha UQ 2061, answered 10-Mar-2026	NBP Phase-I Jharkhand programme subset	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Answered 10-Mar-2026; programme-supported subset
Open access	JSERC Green Energy Open Access Regulations 2024	Eligibility, charges, banking and metering	https://jserc.org/pdf/regulations/256_2_2024.pdf	Gazetted / effective 9-May-2024
Group / virtual net	JSERC Group and Virtual Net Metering Regulations 2024	Eligibility, timelines, accounting and settlement	https://jserc.org/pdf/regulations/257_2_2024.pdf	Gazetted / effective 9-May-2024
Rooftop	JSERC Rooftop Solar Net/Gross Metering Regulations 2015	Principal rooftop framework	https://jserc.org/pdf/regulations/47_2_2016.pdf	Principal regulations; read with subsequent amendments
Rooftop amendment	Fifth Amendment 2024	Connection voltage aligned to Supply Code	https://jserc.org/pdf/regulations/784_2_2024.pdf	Notified 26-Nov-2024; effective 16-Dec-2024

Category	Document / authority	What it verifies	Official link	Status / date checked
Rooftop amendment	Sixth Amendment 2025	PM Surya Ghar fee relief and agreement procedure	https://jserc.org/pdf/regulations/222_2_2025.pdf	Notified 17-Apr-2025; effective 14-May-2025
Rooftop amendment	Seventh Amendment 2026	Current application and registration fees	https://jserc.org/pdf/regulations/39_2_2026.pdf	Notified 30-Jan-2026; effective 2-Feb-2026
RPO	JSERC RPO Second Amendment Regulations 2024	FY2024-25 to FY2029-30 trajectory	https://jserc.org/pdf/regulations/158_2_2024.pdf	Notified 15-Mar-2024; effective 1-Apr-2024
Residential solar	MNRE PM Surya Ghar operational guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM extension OM, 28-Sep-2026	A/C financial closure and conditional completion extension	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	OM 28-Sep-2026; underlying scheme ended 31-Mar-2026
Bioenergy	MNRE Biomass Programme rate revision / BioUrja	Revised pellet rates, Phase-I closure and budget restrictions	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407161780001186.pdf https://biourja.mnre.gov.in/	Rate OM 16-Jul-2024; Phase-I ended 31-Mar-2026
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Mission; call / award-specific support
Storage	Ministry of Power energy-storage framework	Central policy and support routes	https://powermin.gov.in/en/content/energy-storage-system	Framework; project-specific support
Solar parks	MNRE Solar Parks extension OM, 17-Sep-2025	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/20250919840302227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity reconciliation	MNRE component sum	395.44 solar + 0 wind + 20.14 bio + 4.05 SHP + 210 large hydro = 629.63 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610082070035 38.pdf	MNRE at 30-Sep-2026; component arithmetic
Solar reconciliation	MNRE solar component sum	71.00 ground + 96.70 rooftop + 0 hybrid + 227.74 off-grid = 395.44 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610082070035 38.pdf	MNRE at 30-Sep-2026; component arithmetic
Bio reconciliation	MNRE bio component sum	19.10 non-bagasse + 1.04 off-grid WTE = 20.14 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610082070035 38.pdf	MNRE at 30-Sep-2026; component arithmetic
Capacity cross-check	MNRE latest and CEA historical publication route	MNRE: 30-Sep-2026. CEA dashboard: August 2026. Dates differ; current physical totals use MNRE.	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610082070035 38.pdf https://cea.nic.in/reports/dashboardView?headingId=107&subHeadingId=1003&subSubHeadingId=10014&title=Installed%20Capacity&lang=en	Different publication dates; do not combine snapshots
Scope cross-check	MNRE versus CEA RA	629.63 MW location-based RE versus 3,097 MW all-source contracted capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610082070035 38.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/53d670ad-4567-4e7e-baff-fa09d48f5457	MNRE 30-Sep-2026 versus CEA baseline 31-Mar-2025

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar scope cross-check	MNRE versus State policy	395.44 MW physical solar versus 4,000 MW policy target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf	MNRE 30-Sep-2026 versus policy target by 2027
Rooftop cross-check	MNRE versus Parliament	96.70 MW total rooftop includes 14.05 MW PM Surya Ghar subset at an earlier date	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	MNRE 30-Sep-2026 versus scheme subset 31-Jul-2026
KUSUM cross-check	MNRE versus Parliament	227.74 MW off-grid / KUSUM-B at 30-Sep-2026 versus 49,790 installed pumps at 31-Jan-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Different dates and units; MW and counts remain separate
Bio scope cross-check	MNRE versus Parliament	20.14 MW State bio-power versus NBP Phase-I supported subset	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Location-based total versus programme-supported subset
Banking hierarchy	Policy versus JSERC GEOA	2024 monthly banking at 8% supersedes inconsistent 2022 policy mechanics	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/256_2_2024.pdf	Monthly banking under GEOA effective 9-May-2024
RPO hierarchy	Policy versus JSERC RPO amendment	Live FY2026-27 total obligation is 35.95% under the 2024 amendment	https://api.jreda.com/all-uploaded-img/img/6360e972de5e0.pdf https://jserc.org/pdf/regulations/158_2_2024.pdf	FY2026-27 obligation under amendment effective 1-Apr-2024
Solar tariff regulation	JSERC Solar PV / Thermal Tariff Regulations 2025	Solar, floating, hybrid and storage tariff framework; bidding and A7 case-specific exceptions	https://jserc.org/pdf/regulations/394_2_2025.pdf	Notified 9-Aug-2025; effective 15-Aug-2025; control period to 31-Mar-2028

Karnataka Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Reviewed 19 October 2026

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Synopsis

Karnataka Renewable Energy: Policy and Investment Synopsis

Karnataka's renewable energy framework covers solar, wind, storage, bioenergy, small hydro and renewable energy parks. Its investment routes depend on the project's procurement or open-access structure, applicable KERC rules and project-specific approvals.

1. Policy Overview

- Karnataka Renewable Energy Policy 2022–2027, gazetted on 6 May 2022 and amended on 27 February 2023, is the key policy. It promotes renewable energy, storage, repowering, hybrid projects and renewable energy parks.
- At 30 September 2026, Karnataka had 28,212.74 MW of physically installed renewable capacity, including 12,348.02 MW solar, 8,973.74 MW wind, 1,917.05 MW bio-power, 1,284.73 MW small hydro and 3,689.20 MW large hydro.
- The State's Green Hydrogen Policy remains under consideration. The national target of 5 million tonnes a year by 2030 is not a Karnataka target.

2. Major Commitments and Projections

- Renewable energy: the State policy aims to facilitate 10 GW of additional renewable energy, with or without storage, during 2022–2027. This includes up to 1 GW of rooftop solar; it is a policy target, not an awarded project pipeline.
- Pumped storage: the Central Electricity Authority identifies 7,600 MW of exploitable potential across Karnataka. Sharavathy (2,000 MW) and Saundatti (1,600 MW) were listed as under construction in August 2026. These figures represent potential and projects under construction, not operating capacity.
- Transmission: Karnataka's Green Energy Corridor-III plan identifies 19.01 GW of evacuation capacity. This is a planning figure, not a generation award.

3. Investment Framework

- Project routes: utility-scale solar and other renewable projects may serve captive or group-captive users, third parties, ESCOM procurement or inter-State sales, subject to approvals and applicable KERC rules. Intra-State open access generally has a 100 kW threshold; current rules provide monthly banking with an 8% charge in kind.
- Solar: the 2026 KERC rules allow net metering for eligible systems from 1 kW up to the lower of sanctioned load or contract demand, capped at 1,000 kW. Other eligible rooftop systems can use net billing or gross metering; the current order specifies ₹3.11/kWh for eligible DCR and ₹2.34/kWh for eligible non-DCR systems, subject to exclusions and the applicable agreement.
- Approvals and costs: the State policy sets connectivity approval timelines of 60 days for KPTCL and 45 days for ESCOMs after complete documentation. Project application and processing fees, security and financial-capacity requirements apply; the fee provisions are subject to the Karnataka High Court's 28 August 2026 order.
- Support limits: the policy treats eligible renewable energy projects as manufacturing industry for certain industrial-policy concessions, but excludes investment-promotion subsidies. It does not provide a general State capital subsidy or a blanket open-access charge exemption.

4. Principal Implications

- Developers should distinguish the 10 GW policy objective from commissioned capacity and live procurement. The policy does not set separate State capacity targets for utility-scale solar, wind, storage or pumped storage.
- Karnataka has a defined rooftop settlement framework and planned transmission expansion, but tariff, network charges and project approvals remain route-specific.

5. Investment Outlook

- Pumped storage: the identified sites and projects under construction provide a basis for further site-specific development, though the 7,600 MW potential is not a sanctioned pipeline.
- Solar and hybrid projects: utility-scale, floating and hydro-linked solar are policy-supported development routes, without a separate State target or assured procurement volume.
- Storage and repowering: the policy enables storage and wind repowering, but does not specify a State storage target or automatic repowering incentive; commercial opportunities depend on tenders, PPAs and applicable approvals.

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Overview

Karnataka Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Reviewed 19 October 2026

MNRE figures are physically located in Karnataka as at 30 September 2026. CEA projections, project pipelines, transmission evacuation, policy targets and potential remain separate from commissioned capacity. Support depends on eligibility, operative orders, sanctions and budget.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Karnataka	28,212.74	10 GW additional RE projects during the Karnataka RE Policy 2022-27, with or without storage, including up to 1 GW rooftop solar PV	Quantified; dates / bases differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf
Solar - total physically installed	12,348.02 MW location-based at 30-Sep-2026	Part of the 10 GW additional-RE objective; no separate utility-scale solar-only MW target; up to 1 GW rooftop solar is expressly included	Quantified current; aggregate policy target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf Includes 586.75 MW hybrid; rounded components exceed the published solar total by 0.01 MW.
Solar - ground mounted	10,584.53	No separate ground-mounted solar MW target stated in the 2022-27 policy	Quantified current; sub-sector target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf
Solar - rooftop	945.10	Up to 1,000 MW rooftop solar PV included within the 10 GW additional-RE objective during the policy period	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://srtpv.bescom.org/
Solar - off-grid / PM-KUSUM-B	231.65	Agriculture-feeder and pump solarisation promoted under State / Central programmes; no separate Karnataka MW sub-target stated in the cited State policy	Quantified current; State sub-target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://pmkusum.mnre.gov.in/
Wind physically installed	8,973.74	New wind projects and repowering are promoted; no standalone State wind MW target stated	Quantified current; State sub-target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	1,917.05 MW location-based at 30-Sep-2026	Biomass, cogeneration and waste-to-energy are promoted; no standalone State bio-power MW target stated	Quantified current; State target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf
Hydro physically installed - components	1,284.73 MW small hydro + 3,689.20 MW large hydro at 30-Sep-2026	Mini / small hydro is a focus market; no aggregate State hydro MW target stated in the 2022-27 policy	Quantified current; State target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf
Pumped-storage potential / pipeline	CEA identifies 7,600 MW exploitable PSP potential in Karnataka	State policy promotes PHS / storage and private participation but states no standalone PSP MW target	Quantified potential; not commissioned capacity	https://cea.nic.in/api/dashboardReports/download-pdf/en/1d175ea7-4cdd-4fbf-b9d4-96efc5e4de9a https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/77bd9823-e281-4f02-9c55-730b758a5361
Green hydrogen	No notified State green-hydrogen production target in the listed operative policy documents	Industrial-policy / SRPC sources describe a proposed State hydrogen policy. National 5 MMT/year by 2030 is not a Karnataka target.	State target unquantified / pending	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/
Green Energy Corridor / RE evacuation	GEC-II: 2,640 MW evacuation programme; 10 packages; ₹341.96 crore CFA; all 10 packages tendered / awarded by 30-Jun-2026	Karnataka plan: 19.01 GW evacuation (11.88 solar + 7.13 wind). Central GEC-III scheme approved 30-Sep-2026; State plan is not an award.	Quantified transmission programme / planning; not installed capacity	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1611_ViAquv.pdf?source=lsapps https://sansad.in/getFile/annex/269/AU151_ZLJnMe.pdf?source=pqars https://www.pib.gov.in/PressReleasePage.aspx?PRID=2316950&lang=1&reg=3
Electricity requirement / peak demand	FY 2026-27: 110,602 MU energy requirement; 20,236 MW peak demand	FY 2035-36: 205,142 MU energy requirement; 34,240 MW peak demand	CEA national-plan projection; 20th EPS midterm review	https://cea.nic.in/api/dashboardReports/download-pdf/en/2698b8f3-5ebe-4fe2-89f5-fb0fdcc88667 Annexure A, pp.63–64. National-plan series differs from the Karnataka SLDC/PCKL series in the State RA study.

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Karnataka tracker

> *These definitions control the comparison of physical capacity, policy targets, planning projections, project pipelines, transmission programmes and incentives.*

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, production target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Karnataka. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity available to Karnataka ESCOMs under allocation, PPA or procurement; it is not necessarily all physically located in Karnataka.
Policy target	A numeric goal adopted by the Government of Karnataka. It is not treated as commissioned, awarded or sanctioned capacity.
Planning projection	Capacity, demand or network build-out modelled by CEA / Government planning sources. It is not an award, sanction or commissioned project.
DRE	Distributed renewable energy, including rooftop, decentralised and other behind-the-meter / distribution-connected resources as applicable.
ESS / BESS	Energy Storage System / Battery Energy Storage System.
PSP	Pumped Storage Project. Identified potential and project-pipeline stages are not treated as operational capacity.
Green OA	Green / renewable open-access transactions under KERC's operative open-access framework. KERC continues to list the 2026 GNA proposal as draft; its proposed commencement date does not establish final notification.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Any exemption is shown only where the governing instrument expressly provides it.
Net metering	Under the 2026 KERC DSPV regulations, imports and exports are netted; eligible plant capacity is 1 kW to the lower of sanctioned load / contract demand or 1,000 kW.
Net billing	Grid imports are billed at the applicable retail tariff and eligible surplus injection is credited / purchased under the KERC-approved settlement framework.
Gross metering	All eligible DSPV generation is separately metered and sold / settled under the applicable KERC tariff and licensee arrangement.
Group / virtual net metering	Group net metering allocates generation across eligible service connections of the same consumer; virtual net metering allocates generation among specified participating consumers under the 2026 DSPV regulations.
kTPA	Thousand tonnes per annum. No Karnataka-specific green-hydrogen production target is assumed in this tracker.

Term	Meaning used in this tracker
BU	Billion units of electricity (billion kWh).
ROFR	Right of First Refusal. No Karnataka-specific PSP ROFR is assumed unless an operative project instrument expressly creates one.
DPR / S&I	Detailed Project Report / survey and investigation. Neither stage is treated as operational capacity.

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Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

'Applicable provision' describes the operative treatment; 'Governing instrument' identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State RE and storage transition	Umbrella policy covers solar, wind, hybrid, energy storage, bioenergy, waste-to-energy, mini / small hydro, RE parks and new technologies.	Karnataka RE Policy 2022-2027; notification 16-Apr-2022, gazetted 6-May-2022; first amendment 27-Feb-2023	Quantified	Facilitate 10 GW additional RE with / without storage during the policy period, including up to 1 GW rooftop solar PV.	Project economics depend on KERC tariff / OA rules, State approvals and programme-specific support.	KREDL application / Government approval, utility connectivity and KERC processes as applicable	Energy Department; KREDL; KERC; KPTCL; ESCOMs	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Effective 6-May-2022 for five years unless replaced. Amendment preserves earlier fee/timeline treatment for applications received with stipulated fees by 6-May-2022 and specified SECI ISTS-X bids.
Solar	Utility-scale solar	Grid-connected MW-scale solar may be developed for captive / group captive, third-party, REC, ESCOM procurement or inter-State sale, subject to applicable approvals.	Karnataka RE Policy 2022-2027; KERC / procurement instruments	Quantified current	10,584.53 MW ground-mounted solar physically installed at 30-Sep-2026; no separate utility-scale State MW target.	Route-specific tariff / PPA / OA. Policy fee schedule is subject to the High Court's 28-Aug-2026 reading down of clause 7.2.	KREDL / Government approval; KPTCL or ESCOM connectivity; tender / OA route	Energy Department; KREDL; KPTCL; ESCOMs; KERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Installed capacity is not the same as the policy's 10 GW additional-RE objective.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Rooftop - net metering	All consumer categories may install DSPV under net metering within the final 2026 KERC capacity limits.	KERC DSPV Regulations 2026, notification 19-Aug-2026; effective 24-Aug-2026	Quantified	945.10 MW rooftop at 30-Sep-2026. Net metering: 1 kW to lower of sanctioned load / contract demand or 1,000 kW.	25-Aug-2026 tariff: domestic 1–10 kW without subsidy ₹3.89/kWh; subsidised PM Surya Ghar: ₹1.96/₹2.14/₹2.58 by capacity band.	Online DSPV application to the distribution licensee	Distribution licensee; KERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Tariff bands: 1–2 kW / >2–3 kW / >3 kW for subsidised plants. Applicability requires eligible application/PPA and commissioning; window ends 30-Jun-2029 or earlier order.
Solar	Rooftop - net billing / gross metering	Net billing and gross metering are available to all consumer categories under the 2026 DSPV framework.	KERC Grid Interactive DSPV Plants Regulations 2026	Quantified eligibility	Capacity subject to sanctioned load / contract demand and applicable DSPV limits; tariff / credit is order-specific.	Other eligible DSPV: ₹3.11/kWh DCR or ₹2.34/kWh non-DCR under order 25-Aug-2026; exclusions apply.	Distribution-licensee DSPV portal and consent / PPA as applicable	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Domestic 1–10 kW and PM Surya Ghar subsidised categories have separate tariffs. PPA: 25 years; tariff window through 30-Jun-2029 or earlier order.
Solar	Rooftop - group / virtual net metering	Group net metering applies to qualifying service connections of the same consumer; virtual net metering applies to specified consumer classes under the final 2026 framework.	KERC Grid Interactive DSPV Plants Regulations 2026	Quantified eligibility	Minimum 5 kW; maximum linked to combined sanctioned load / contract demand.	GNM/VNM surplus purchase tariff is 75% of applicable ₹3.11 DCR / ₹2.34 non-DCR tariff.	Distribution-licensee portal; sharing / consumer details as required	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Same consumer category and distribution-licensee area apply. OA charges may apply; Commission may exempt energy generated/consumed within the same DT or 11 kV feeder.
Solar	Agricultural feeder / pump solarisation	Policy promotes distributed generation through solarisation of agriculture feeders and pumps, including State / Central schemes.	Karnataka RE Policy 2022-2027; PM-KUSUM	Quantified current; State sub-target unquantified	231.65 MW MNRE off-grid / KUSUM-B at 30-Sep-2026; no separate State MW sub-target in the RE policy.	PM-KUSUM scheme period ended 31-Mar-2026; existing sanctions and conditional extensions govern.	MNRE / KREDL / ESCOM programme route as applicable	MNRE; KREDL; ESCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep pump / off-grid capacity separate from utility-scale and rooftop solar.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Solar plus co-located storage	Solar, wind and hybrid projects may be developed with ESS; State policy expressly promotes storage to improve firmness, flexibility and grid integration.	Karnataka RE Policy 2022-2027	Unquantified sub-sector	No separate solar-plus-storage MW / MWh target or general earmarked fund stated.	Tender / PPA / OA and storage-market rules are project-specific.	KREDL approval, connectivity and procurer / OA route	Energy Department; KREDL; KPTCL; ESCOMs; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Do not convert the 10 GW additional-RE objective into a storage target.
Solar	EV charging / battery swapping solar	Policy promotes ground-mounted and rooftop solar for EV charging and battery-swapping stations; a tariff rebate may be evaluated with KERC consent.	Karnataka RE Policy 2022-2027	Unquantified	No statewide MW, rebate rate or earmarked fund is stated in the cited policy.	Any rebate is not automatic; it requires KERC / implementing action.	Project / licensee / charging-infrastructure route	Energy Department; KREDL; ESCOMs; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Treat "may be evaluated" as enabling language, not a sanctioned concession.
Solar	Floating / reservoir solar	Policy promotes floating solar, including hybridisation with existing hydro stations, on reservoirs / dams / water bodies through appropriate lease / rental structures.	Karnataka RE Policy 2022-2027	Unquantified	No separate statewide floating-solar MW target or lease rate stated.	Project-specific lease, tariff, connectivity and statutory approvals.	Asset-owner / WRD approval plus KREDL, connectivity and procurement / OA route	Energy Department; KREDL; WRD / asset owner; KPTCL; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://waterresources.karnataka.gov.in/	Water-body rights and environmental / dam-safety approvals remain project-specific.
Solar	Off-grid / distributed solar	Distributed solar, self-consumption and behind-the-meter systems are part of the State / KERC framework.	Karnataka RE Policy 2022-2027; KERC DSPV Regulations 2026	Quantified current	231.65 MW off-grid / KUSUM-B at 30-Sep-2026; BTM DSPV has no minimum plant capacity under the 2026 regulation.	No compensation for inadvertent export from behind-the-meter systems under the final DSPV framework.	Distribution-licensee / scheme route as applicable	KREDL; distribution licensee; KERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://srtpv.bescom.org/ https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf	Off-grid MNRE capacity and behind-the-meter DSPV are related but not identical accounting categories.
Bioenergy	Biomass and bagasse cogeneration	Biomass and cogeneration are focus markets eligible for project development under the State policy.	Karnataka RE Policy 2022-2027; applicable KERC / MNRE instruments	Quantified current; State target unquantified	1,868.91 MW biomass / bagasse cogeneration physically installed at 30-Sep-2026; no standalone State MW target.	Tariff / PPA / OA and Central bioenergy support are route-specific.	KREDL approval; utility / OA / MNRE route as applicable	Energy Department; KREDL; KERC; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://mnre.gov.in/en/bio-energy-overview/	Bio-power total also includes non-bagasse and WTE categories tracked separately by MNRE.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Bioenergy	Waste-to-energy	WTE is a focus market; the State policy has a reduced application / processing / extension-fee schedule compared with standard RE categories.	Karnataka RE Policy 2022-2027	Quantified current / fees	1.00 MW grid WTE + 26.94 MW off-grid WTE at 30-Sep-2026. Policy schedule: application ₹1 lakh/MW; processing ₹2.5 lakh/MW; extension ₹50,000/MW/year.	Policy fees subject to High Court order 28-Aug-2026. Central Phase-I ended 31-Mar-2026; support remains sanction/budget-specific.	KREDL / ULB / utility / MNRE route depending on project	Energy Department; KREDL; ULB; KERC; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/ https://biourja.mnre.gov.in/	Project feedstock, municipal agreements and environmental consents remain separate requirements.
Bioenergy	Biogas / Bio-CNG / waste fuels	Policy definition of WTE covers energy recovered as biogas / Bio-CNG or power from eligible wastes; national programme / SATAT routes may also apply.	Karnataka RE Policy 2022-2027; National Bioenergy Programme	Unquantified State target	No Karnataka-specific aggregate production target or earmarked State fund stated in the cited RE policy.	Scheme / offtake / project-specific support only.	KREDL / implementing-agency / ULB / MNRE route	KREDL; MNRE; relevant local authority	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://mnre.gov.in/en/bio-energy-overview/	Do not infer a State Bio-CNG target from national programmes.
Hydro	Mini / small hydro	Mini hydro 0.1–2 MW and small hydro >2 MW to <25 MW are eligible focus-market projects under the State policy.	Karnataka RE Policy 2022-2027; MNRE SHP scheme where eligible	Quantified current; State target unquantified	1,284.73 MW small hydro physically installed at 30-Sep-2026; no new State SHP MW target.	State project fee schedule plus current MNRE SHP support where sanctioned.	KREDL scrutinises pre-feasibility and refers to SLAC; DPR within one year of GO. Construction starts only after KREDL technical clearance and required statutory approvals.	Energy Department; KREDL; WRD; KERC; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://nrep.mnre.gov.in/guidelines-shp	First amendment 27-Feb-2023 changed the clearance sequence. MNRE covers 1–25 MW; State mini hydro starts at 0.1 MW.
Hydro	Hydro-linked floating solar	Floating solar may be hybridised with existing hydro stations; water-body use is subject to long-term lease / rental and asset-owner terms.	Karnataka RE Policy 2022-2027	Unquantified	No statewide MW, lease rate or fund stated.	Project-specific procurement, water-right, connectivity and environmental treatment.	Relevant dam / reservoir owner plus KREDL and utility approvals	KREDL; WRD / KPCL / asset owner; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://waterresources.karnataka.gov.in/	Hybridisation does not convert existing hydro MW into new solar capacity.
Hydro	Large hydro baseline	Large hydro is included in MNRE's location-based RE total for state-wise reporting, but the State RE Policy's hydro focus is mini / small hydro and PHS / storage-related initiatives.	MNRE Physical Progress; Karnataka RE Policy 2022-2027	Quantified current	3,689.20 MW large hydro physically installed at 30-Sep-2026.	No new general large-hydro capital support is stated in the cited RE policy.	Project-specific State / Central hydro approvals	CEA; Energy Department; KPCL / project owner	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Do not treat the existing large-hydro baseline as a target under the 2022-27 RE policy.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Pumped storage	PHS development framework	Policy promotes energy storage including pumped hydro and encourages private participation to create an energy-storage market.	Karnataka RE Policy 2022-2027; project-specific CEA / MoP approvals	Unquantified State target	No standalone State PSP MW target or general earmarked State fund stated.	Project economics and approvals are project-specific.	KREDL / Energy Department / water-resource and CEA approval route as applicable	Energy Department; KREDL; WRD; CEA; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://cea.nic.in/api/dashboardReports/download-pdf/en/77bd9823-e281-4f02-9c55-730b758a5361	PHS is an eligible storage technology; identified potential is not an allocation.
Pumped storage	Current development pipeline	CEA / Ministry of Power status sources track major Karnataka PSPs in development / construction pipelines.	CEA / Ministry of Power project-status framework	Quantified project pipeline	CEA August-2026 status: Sharavathy 2,000 MW and Saundatti 1,600 MW under construction; expected completion May-2032 and Dec-2027 respectively.	No generic State capital subsidy inferred.	Developer, CEA, environment / wildlife, water and grid approvals	Project developer; KPCL / private developer; CEA; statutory authorities	https://cea.nic.in/api/dashboardReports/download-pdf/en/77bd9823-e281-4f02-9c55-730b758a5361 https://cea.nic.in/api/dashboardReports/download-pdf/en/1d175ea7-4cdd-4fbf-b9d4-96efc5e4de9a	Dates are CEA expectations, subject to statutory clearances and execution; these are not commissioned capacities.
Pumped storage	Identified PSP potential	CEA hydro profile identifies Karnataka's exploitable pumped-storage potential across named sites.	CEA State Profile on Hydro Development	Quantified potential	7,600 MW exploitable PSP potential identified by CEA across eight sites.	Potential is not a sanction, award or subsidy.	Site-specific DPR / S&I and statutory approvals	CEA; Energy Department; WRD / project developer	https://cea.nic.in/api/dashboardReports/download-pdf/en/1d175ea7-4cdd-4fbf-b9d4-96efc5e4de9a	Do not add the 7,600 MW potential to installed capacity.
Wind	Existing / new wind projects	Policy promotes new wind capacity for captive, third-party, ESCOM and inter-State sale routes.	Karnataka RE Policy 2022-2027	Quantified current; State target unquantified	8,973.74 MW wind physically installed at 30-Sep-2026; no separate State wind MW target.	Tariff / PPA / OA treatment and standard State project fees apply by route.	KREDL approval; KPTCL / ESCOM connectivity; procurement / OA route	Energy Department; KREDL; KPTCL; ESCOMs; KERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Current installed wind substantially exceeds the 5,095 MW baseline cited in the 2022 policy.
Wind	Wind repowering	Policy expressly promotes repowering of existing wind projects; national repowering / standards framework also applies.	Karnataka RE Policy 2022-2027; MNRE / NIWE framework	Unquantified State target	No Karnataka-specific repowering MW target or automatic generation incentive stated in the cited policy.	Project / tariff / OA treatment is case- and route-specific.	KREDL / KPTCL / KERC / MNRE-NIWE route	KREDL; KPTCL; KERC; MNRE / NIWE	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://mnre.gov.in/en/wind-overview/	Do not import repowering incentives or targets from another State.
Hybrid	Wind-solar hybrid / FDRE	Policy promotes new hybrid projects, hybridisation of existing projects and RE parks using common land / evacuation where applicable.	Karnataka RE Policy 2022-2027; applicable Central procurement guidelines	Unquantified State target	Policy cites about 11,065 MW potential in an MNRE 2020 concept note for wind / solar-hybrid parks at Chitradurga, Davanagere and Ballary; this is potential, not commissioned capacity.	Tariff / PPA / OA and Central tender terms apply.	Hybrid applications /processing fees based on approved solar and wind installed capacities; combined capacity used for evacuation approval.	Energy Department; KREDL; KPTCL; KERC; MNRE / SECI	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/guidelines/	First amendment 27-Feb-2023 clarifies hybrid fees and evacuation basis. 11,065 MW is concept-note potential, not an award.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Storage	State ESS objective	Policy seeks an energy-storage market to integrate RE and provide peak reduction, curtailment management, reliability and transmission-deferral services.	Karnataka RE Policy 2022-2027	Unquantified	No aggregate BESS / ESS MW or MWh target stated in the policy.	Commercial model may include storage with RE, standalone storage and Energy Storage as a Service, subject to regulatory / tender terms.	KREDL / utility / market / OA / procurement route	Energy Department; KREDL; KPTCL; ESCOMs; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Do not translate the 10 GW additional-RE objective into an ESS target.
Grid	Green Energy Corridor	State policy prioritises GEC; Central-State transmission programmes build evacuation infrastructure for RE zones.	Karnataka RE Policy 2022-2027; GEC-II; Central GEC-III scheme approved 30-Sep-2026	Quantified	GEC-I sanctioned Karnataka works completed; GEC-II: 10 packages, 2,640 MW evacuation, ₹341.96 crore CFA and all packages awarded by 30-Jun-2026; GEC-III plans 19.01 GW evacuation.	GEC CFA supports transmission infrastructure; it is not a developer generation-capex grant.	KPTCL / State transmission implementation under sanctioned packages	KPTCL; MNRE / MoP; Energy Department	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1611_ViAquv.pdf?source=lsapps https://sansad.in/getFile/annex/269/AU151_ZLJnMe.pdf?source=pqars https://www.pib.gov.in/PressReleasePage.aspx?PRID=2316950&lang=1&reg=3	GEC-III national framework: up to 135 GW evacuation and 50 GWh BESS by FY2032-33. Karnataka's 19.01 GW remains a State plan, not a project sanction.
Storage	Distributed / captive ESS	ESS may be co-located with RE or used behind the meter / for captive and grid-support applications subject to the applicable KERC and connectivity framework.	Karnataka RE Policy 2022-2027; KERC DSPV / OA framework	Unquantified	No statewide BTM / captive storage MW or MWh target stated.	No blanket State charge exemption is assumed; transaction-specific network / OA charges apply.	Consumer / developer application through applicable utility / OA route	KREDL; KPTCL / distribution licensee; KERC	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://srtpv.bescom.org/ https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Check the metering arrangement and whether storage imports / exports use the grid.
Storage	Resource-adequacy planning	CEA's Karnataka resource-adequacy report is the current planning source for future resource mix, energy requirement and peak demand.	CEA Resource Adequacy Plan for Karnataka up to 2035-36	Quantified planning source	FY2026-27: 107,998 MU / peak 19,690 MW. FY2035-36: 204,370 MU / peak 37,948 MW.	Planning values do not create subsidies or procurement awards.	ESCOM / State planning and procurement implementation	CEA; Karnataka ESCOMs; KERC	https://cea.nic.in/api/dashboardReports/download-pdf/en/9bc5286b-2fc6-4b41-af97-7f324c65b350	CEA Version 3.0, January 2026, Table 6 p.11 uses Karnataka SLDC/PCKL demand projections; these do not constitute procurement awards.
Storage	Storage market / bundling / ESaS	Policy recognises storage-enabled RTC / peak / flexible products and Energy Storage as a Service concepts.	Karnataka RE Policy 2022-2027	Unquantified	No general State tariff, VGF rate or recurring storage fund stated.	Tender / PPA / market / Central VGF terms are project-specific.	Procurer / developer / KERC approval route	Energy Department; KREDL; ESCOMs; KERC; Central agencies	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Separate enabling policy language from a live procurement or subsidy sanction.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	State production target	The listed State policy documents do not establish a notified Karnataka green-hydrogen production target.	Karnataka Industrial Policy 2025-30; SRPC minutes; National Green Hydrogen Mission	Unquantified / pending	National target is at least 5 MMT/year by 2030; it is not a Karnataka target.	No Karnataka-specific hydrogen incentive assumed until an operative State instrument is notified.	Current projects use ordinary investment, RE, OA and Central-mission routes as applicable	Industries Department; Energy Department; KREDL; MNRE	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Industrial Policy says the State will notify a Green Hydrogen Policy; SRPC records the draft as under consideration.
Green hydrogen	Anchor / pilot projects	No operative State anchor-project or hydrogen-pilot incentive framework was located in the cited Karnataka sources.	Industrial Policy 2025-30; draft-policy status references	Unquantified / pending	No State anchor count, kTPA threshold or earmarked fund verified.	National mission / project-specific support may apply.	Invest Karnataka / KREDL / MNRE route as applicable	Industries Department; Energy Department; KREDL; MNRE	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Do not import anchor-project benefits from another State.
Green hydrogen	Standalone RE supply	A hydrogen producer may use ordinary captive / third-party / OA structures subject to current KERC rules; no hydrogen-specific State concession is assumed.	KERC OA Regulations 2025; Karnataka RE Policy 2022-2027	Unquantified	No Karnataka-specific hydrogen T&W rebate, CSS / AS exemption or electricity-duty period verified in an operative State hydrogen policy.	Current OA / transmission / wheeling charges apply unless an operative order states otherwise.	OA / connectivity application to relevant State authorities	KERC; KPTCL / SLDC; distribution licensee; KREDL	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf	Verify project-specific legal and charge treatment before financial modelling.
Green hydrogen	Hybrid RE supply	Hybrid RE is enabled under the State RE policy, but no operative hydrogen-specific hybrid-RE incentive was verified.	Karnataka RE Policy 2022-2027; pending State Green Hydrogen Policy	Unquantified	No hydrogen-specific hybrid MW, rebate rate or duration stated in an operative State instrument.	Ordinary hybrid / OA / procurement treatment applies.	KREDL / KPTCL / OA / procurement route	Energy Department; KREDL; KERC; KPTCL	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf	Hybrid RE policy eligibility does not itself create a hydrogen subsidy.
Green hydrogen	Mobility / fuel cells	The cited operative State RE policy promotes renewable electricity for EV charging, but no Karnataka-specific green-hydrogen vehicle incentive was verified.	Karnataka RE Policy 2022-2027; pending State Green Hydrogen Policy	Unquantified	No State hydrogen vehicle count, subsidy rate or cap verified.	Central mission / transport-sector programmes may apply where separately notified.	Project-specific industry / transport / MNRE route	Industries Department; Transport Department; MNRE	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Do not treat the RE policy's EV provisions as a fuel-cell / hydrogen incentive.
Green hydrogen	Hydrogen refuelling stations	No operative Karnataka-specific hydrogen refuelling-station capital support was verified in the cited State sources.	Pending State Green Hydrogen Policy; National Green Hydrogen Mission	Unquantified	No State station count, subsidy percentage or cap verified.	National / project-specific support only if separately awarded.	Industry / safety / local / MNRE approvals	Industries Department; relevant safety / local authorities; MNRE	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Safety and statutory approvals remain required irrespective of subsidy status.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	Hydrogen pipeline / transport	No operative Karnataka-specific hydrogen-pipeline capital or interest subsidy was verified in the cited State sources.	Pending State Green Hydrogen Policy; National Green Hydrogen Mission	Unquantified	No State ₹/km support, distance cap or interest-subsidy period verified.	Project-specific infrastructure and Central-mission treatment only if awarded.	Industry / pipeline / local statutory route as applicable	Industries Department; relevant statutory authorities; MNRE	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Do not assume another State's hydrogen pipeline incentive applies in Karnataka.
Cross-sector	Green open access	KERC's 2025 OA regulations are the current operative intrastate OA framework; ordinary eligibility includes the 100 kW threshold structure, while captive qualification is treated separately.	KERC Terms and Conditions for Open Access Regulations 2025	Quantified regulatory threshold	HT contract demand / LT sanctioned load threshold: 100 kW or more, including permitted aggregation under the regulation.	Transmission, wheeling, losses, CSS / AS, banking, SLDC and DSM charges apply under current orders / regulations.	OA application through SLDC / STU / distribution licensee according to tenure and voltage	KERC; KPTCL / SLDC; distribution licensee	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	GNA remains listed as draft on KERC's current website; the proposed 1-Oct-2026 start does not establish operative rights.
Cross-sector	RE parks / hybrid parks	Policy promotes solar, wind, hybrid and ultra-mega RE parks, including private / public / PPP park developers.	Karnataka RE Policy 2022-2027	Quantified existing / potential	Pavagada Solar Park: 2,050 MW operational at policy issuance; MNRE 2020 concept note cited about 11,065 MW cumulative park potential at Chitradurga, Davanagere and Ballary.	Park infrastructure, land, connectivity and procurement are project-specific.	Park-developer / KREDL / KPTCL / project approval route	Energy Department; KREDL; KSPDCL / park developer; KPTCL	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	The 11,065 MW figure is development potential cited by the policy, not commissioned park capacity.
Cross-sector	R&D / new technologies / pilots	Policy permits new initiatives, pilot projects and R&D in emerging RE and storage technologies.	Karnataka RE Policy 2022-2027	Unquantified	No dedicated recurring State R&D fund amount is stated in the cited umbrella policy.	Project / scheme-specific support only.	KREDL / State / Central call or pilot route	Energy Department; KREDL; relevant agency	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Track a pilot as funded only after a specific sanction / programme is identified.
Green hydrogen	Policy administration / regulatory watch	Karnataka Green Hydrogen Policy remains under consideration; ordinary single-window, KREDL and Central-mission routes remain the available entry points until notification.	Industrial Policy 2025-30; SRPC status; Invest Karnataka / KREDL	Unquantified / pending	No operative State hydrogen single-window benefit schedule or annual policy-cell budget verified.	Use only notified incentives and approvals.	Karnataka Single Window / Invest Karnataka; KREDL; MNRE	Industries Department; Energy Department; KREDL; MNRE	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf https://sws.investkarnataka.co.in/en-US/ https://mnre.gov.in/en/national-green-hydrogen-mission/	Hydrogen-specific State benefits require a notified instrument; project-specific Central awards remain separate.

SHEET 5 OF 8

Financial Support

Incentives, charge treatment and quantified programme support

Benefits require the applicable order, eligibility, sanction and allocation. Policy fees are charges. Clause 7.2 was read down by the High Court on 28-Aug-2026: fee recovery requires State quid pro quo and must follow the judgment; listed amounts are the policy schedule.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
RE projects - industrial treatment	RE projects covered by the State policy	Treated as manufacturing industry for eligible industrial-policy incentives / concessions, except investment promotion subsidies	Benefit depends on current Industrial Policy 2025-30, zone and project eligibility	Unquantified in RE policy	Karnataka RE Policy 2022-2027; Karnataka Industrial Policy 2025-30	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf	Do not treat manufacturing status as entitlement to investment promotion subsidy; verify current industrial-policy eligibility.
Standard RE project application fee	Solar incl. floating, wind, hybrid, RE parks, ESS, mini / small hydro, biomass and cogeneration categories under the policy fee table	Application charge	₹2,00,000 per MW	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Policy-schedule amount. Apply 27-Feb-2023 transition exceptions and High Court order 28-Aug-2026; application fee is stated non-refundable; GST additional.
Standard RE project processing fee	Same standard RE categories under the policy fee table	Processing charge	₹5,00,000 per MW	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Policy provides 70% refund for non-allocation / withdrawal before Government submission. Apply High Court limitation; no automatic universal refund.
Performance bank guarantee	Standard qualifying RE project categories	Security requirement	30% of project cost determined by KERC; for specified park / floating / ESS categories, DPR project cost is used as stated	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Policy-schedule security; successful completion / renewal / forfeiture terms and applicable court treatment govern.
Net-worth requirement	Qualifying project developer	Financial-capacity requirement	Policy states minimum company net worth of at least 30% of total project cost; fee table also specifies ₹1,00,000 per MW in the net-worth column - apply the policy and current KREDL interpretation together	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Narrative 30% net-worth test and tabular ₹1 lakh/MW field differ; current application requirements and legally applicable demand govern.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Time-extension fee - standard categories	Standard solar, wind, hybrid, parks, ESS, mini / small hydro, biomass / cogeneration categories as applicable	Time-extension charge	₹1,50,000 per MW per year	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Commissioning and extension limits remain applicable; wind including ESS: maximum extension 2 years under amendment 27-Feb-2023.
Project transfer fee - standard bands	Transfer of qualifying standard RE projects	Transfer charge	Up to 10 MW: ₹15,000/MW; 11–50 MW: ₹25,000/MW; 51 MW and above: ₹35,000/MW, subject to category-specific table provisions	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Some park / hydro categories have distinct size bands; use the applicable row of the policy fee table.
Waste-to-energy - application / processing	WTE project under State policy	Reduced State project charges	Application ₹1,00,000/MW; processing ₹2,50,000/MW	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Other project security, transfer and statutory requirements continue to apply.
Waste-to-energy - time extension	WTE project requiring eligible extension	Time-extension charge	₹50,000 per MW per year	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://indiankanoon.org/doc/128072909/	Commissioning timeline / maximum extension rules apply.
Rooftop DSPV - 1 to <5 kWp	Rooftop project application under the State policy fee schedule	Application / processing charges	₹500 per project / ₹1,000 per project	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Check the distribution licensee's current DSPV portal / KERC procedure for any subsequently revised process.
Rooftop DSPV - 5 to 50 kWp	Rooftop project application under the State policy fee schedule	Application / processing charges	₹1,000 per project / ₹2,000 per project	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Current 2026 DSPV regulation governs metering / connection treatment.
Rooftop DSPV—>50 kWp to 1 MWp	Rooftop project application under the State policy fee schedule	Application / processing charges	₹2,000 per project / ₹5,000 per project	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Metering eligibility is governed by the final 2026 DSPV regulation, not the 2022 fee table alone.
Rooftop DSPV—>1 to <10 MWp	Rooftop project application under the State policy fee schedule	Application / processing charges	₹5,000 per project / ₹10,000 per project	Policy schedule; court / transition conditions apply	Karnataka RE Policy 2022-2027	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	The 2026 net-metering cap is lower; larger projects require another applicable settlement / connectivity route.
Residential rooftop solar	Eligible residential rooftop installation in Karnataka	Central financial assistance	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	PM Surya Ghar: Muft Bijli Yojana	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Scheme through 31-Mar-2027. Separate KERC export tariff and metering rules apply; CFA is not an export tariff.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Agricultural solar	Eligible PM-KUSUM component / allocation	Central / State assistance and tender support	Component- and location-specific Central support; State share / beneficiary contribution / tender terms must be checked for the live Karnataka allocation	Quantified per component / sanction	PM-KUSUM	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Scheme ended 31-Mar-2026. A/C financial closure: 30-Nov-2026; completion 31-Mar-2027 only if PPA signed/NTP issued by 31-Dec-2025. Component terms differ.
Bioenergy programme	Eligible biomass, WTE and biogas projects	Central financial assistance	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	MNRE National Bioenergy Programme	https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Funds exhausted. Biomass proposals from 10-Oct-2024 and WTE from 17-Oct-2024 depend on Phase-II budget approval; no fresh entitlement inferred. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Green Energy Corridor-II	State transmission works sanctioned under GEC-II	Central financial assistance to transmission infrastructure	₹341.96 crore CFA for Karnataka; programme evacuates 2,640 MW; 10 packages awarded by 30-Jun-2026	Quantified	Central GEC-II programme / parliamentary status	https://sansad.in/getFile/loksabhaquestions/annex/187/AU6059_tJb3xJ.pdf?source=pqals https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1611_ViAquv.pdf?source=lsapps	This is transmission-infrastructure support; it is not a grant to generation developers.
National Green Hydrogen Mission	Projects selected under national mission / SIGHT / pilots	Central mission support	National mission outlay ₹19,744 crore; project support is allocation- and award-specific	Quantified nationally; not Karnataka-specific	National Green Hydrogen Mission	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Karnataka-specific hydrogen benefit is assumed until a State policy is notified or a specific Central award is made.
Small hydro central scheme	Eligible 1–25 MW SHP project	Central financial assistance	Ordinary locations: 20% of lower of actual or CERC normative project cost, capped at ₹20 crore; scheme period FY 2026-27 to FY 2030-31	Quantified	MNRE SHP Development Scheme	https://nrep.mnre.gov.in/guidelines-shp	Applications by 31-Dec-2030. Construction after 18-Mar-2026; pre-sanction starts apply within 3 months. Transitional start window ended 15-Aug-2026; sanction and generation conditions apply.

SHEET 6 OF 8

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Gross metering | Net billing

This sheet separates enforceable KERC rules from State-policy provisions and draft regulations. Rates are shown only where a current instrument or verified programme source specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Open-access eligibility	Current KERC OA framework permits eligible consumers to use intra-State transmission / distribution networks subject to threshold, category and application rules.	HT contract demand / LT sanctioned load: 100 kW or more, including permitted aggregation within the distribution-licensee framework	Eligible OA consumers; captive structures are treated under their applicable qualification rules	KERC Terms and Conditions for Open Access Regulations 2025	KERC; SLDC; STU; distribution licensee	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Use the current regulation and applicable order for transaction-specific eligibility and charges.
Open-access category / tenure	Short-, medium- and long-term OA routes use the responsible State agency / licensee process specified by KERC.	Tenure- and voltage-specific; no single fee applies to all transactions	Eligible generators / consumers / licensees	KERC Open Access Regulations 2025	KERC; SLDC; KPTCL / STU; distribution licensee	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Check the current application form, scheduling procedure and network availability.
Regulatory status - GNA	KERC issued draft Connectivity and General Network Access Regulations in June 2026 to consolidate future intrastate connectivity / network-access rules.	Listed as draft; proposed 1-Oct-2026 commencement is not a final notification	Future connectivity / GNA applicants if and when finally notified	Draft KERC Connectivity and GNA Regulations 2026	KERC; KPTCL / STU; distribution licensees	https://kerc.karnataka.gov.in/uploads/media_to_upload1781238353.pdf	KERC current website still identifies the GNA instrument as draft; apply the operative OA regulation.
Open-access banking	Current OA framework provides monthly banking subject to the applicable banking charge and time-of-day / settlement conditions.	8% banking charge in kind under the current OA / wheeling framework; unused month-end banked energy is not carried forward	Eligible RE OA transactions	KERC Open Access Regulations 2025 / applicable wheeling-banking terms	KERC; SLDC; distribution licensee	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Verify current WBA / order and transaction category before modelling banked-energy value.
Banking - time-of-day treatment	Banked energy adjustment is subject to current time-block / ToD restrictions and accounting rules.	Monthly cycle; ToD restrictions apply	Eligible RE OA transactions	KERC Open Access Regulations 2025 / applicable procedure	SLDC; distribution licensee; KERC	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Do not assume unrestricted shifting of energy across all time blocks.
Cross-subsidy surcharge	CSS is payable / exempt only as provided by the Electricity Act, KERC regulation and current tariff / OA orders.	Rate is order- and consumer-category-specific	Applicable OA consumers	KERC OA Regulations 2025; current tariff / surcharge orders	KERC; distribution licensee	https://kerc.karnataka.gov.in/	No blanket Karnataka RE-policy CSS exemption is assumed in this tracker.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Additional surcharge	Additional surcharge is transaction- and order-specific under the current KERC framework.	Rate / applicability is order-specific	Applicable OA consumers	KERC OA Regulations 2025; current orders	KERC; distribution licensee	https://kerc.karnataka.gov.in/	Check the latest KERC order and any legal / legacy treatment for the specific transaction.
Network / system charge basket	OA economics can include transmission, wheeling, losses, SLDC / scheduling, standby, reactive, DSM and other applicable charges.	No single all-in State rate	OA transactions	KERC regulations and current tariff / SLDC orders	KERC; KPTCL / SLDC; distribution licensee	https://kerc.karnataka.gov.in/ https://kptclsldc.in/Default.aspx	Model each charge from the current order rather than using an umbrella-policy assumption.
KPTCL connectivity timeline	State policy requires KPTCL to issue evacuation / connectivity approval within the prescribed period after receipt of complete requisite documents.	Within 60 days	Projects seeking KPTCL / transmission-network connectivity	Karnataka RE Policy 2022-2027	KPTCL; KREDL	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Timeline runs after requisite documents / application completeness; technical system studies still apply.
ESCOM connectivity timeline	State policy sets a distribution-network evacuation / connectivity approval timeline after receipt of complete requisite documents.	Within 45 days	Projects seeking distribution-network connectivity	Karnataka RE Policy 2022-2027	Relevant ESCOM; KREDL	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Technical feasibility and required network augmentation remain applicable.
ISTS category - banking	State RE policy states that banking is not available for the ISTS category under its project framework.	No State-policy banking for ISTS category	Projects using ISTS for out-of-State sale / access as covered by the policy	Karnataka RE Policy 2022-2027; CERC rules for interstate transactions	CTU / CERC; KPTCL / SLDC where intrastate system is used	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Inter-State transmission charges / losses and CERC rules are separate from Karnataka intra-State banking.
Forecasting / scheduling / DSM	KERC's 2026 DSM regulation applies to qualifying wind, solar and wind-solar-hybrid sellers, with or without ESS, above stated thresholds.	Wind ≥10 MW; solar ≥5 MW; wind-solar hybrid ≥5 MW; solar tolerance ±5%; wind / hybrid ±10%	Covered RE sellers / QCAs	KERC Forecasting, Scheduling, Deviation Settlement Mechanism and Related Matters Regulations 2026	SLDC; QCA; KERC	https://kerc.karnataka.gov.in/27/regulations/en https://www.eqmagpro.com/wp-content/uploads/2026/07/media_to_upload178222 09789-1-2_compressed.pdf	Notified 19-Jun-2026. Seller thresholds apply at pooling/interface level; check implementation directions and applicable settlement period.
Net metering	Imports and eligible DSPV exports are netted under the final 2026 KERC regulations.	1 kW minimum; maximum lower of sanctioned load / contract demand or 1,000 kW	All consumer categories	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Notified 19-Aug-2026; gazetted/effective 24-Aug-2026. Earlier signed agreements retain their terms.
Net billing	Consumer imports and surplus DSPV injection are settled under the net-billing mechanism and current KERC tariff order.	Minimum 1 kW; maximum sanctioned load / contract demand, within 10 MW DSPV definition	All consumer categories	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Current tariff order 25-Aug-2026: domestic 1–10 kW and subsidised PM Surya Ghar have separate rates; other eligible DCR/non-DCR ₹3.11/₹2.34 per kWh.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Gross metering	Total eligible DSPV generation is separately metered and settled under the applicable tariff / purchase arrangement.	Minimum 1 kW; maximum sanctioned load / contract demand, within 10 MW DSPV definition	All consumer categories	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Tariff window: 25-Aug-2026 to 30-Jun-2029 or earlier further order; PPA 25 years. Earlier tariff order extended through 24-Aug-2026.
Group net metering	Generation may be allocated across qualifying service connections of the same consumer meeting the final 2026 conditions.	Minimum 5 kW; maximum combined sanctioned load / contract demand	All consumer categories meeting same-name / same-category conditions	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Same-name, same-category connections within one licensee. OA charges apply unless Commission exempts same-DT/11 kV feeder use; surplus tariff 75% of applicable generic rate.
Virtual net metering	Generation may be allocated among specified participating consumers under the final 2026 VNM framework.	Minimum 5 kW; maximum combined sanctioned load / contract demand	Domestic consumers, residential apartments / group housing, charitable institutions, Government / local-authority bodies and schools as specified	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Participating connections must be in the same consumer category and licensee area. OA-charge exemption is discretionary for same DT/11 kV feeder; surplus tariff 75%.
Behind-the-meter DSPV	Consumers may install BTM DSPV for self-consumption while preventing export to the grid.	No minimum plant capacity under the 2026 framework	All consumer categories	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/ https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf	No compensation is due for inadvertent export under the BTM arrangement.
Distribution-transformer hosting capacity	For smaller DSPV plants on an existing distribution transformer, aggregate connected DSPV capacity is capped relative to transformer rating.	For plants <150 kW, aggregate connected DSPV including proposed plant ≤80% of transformer rated capacity	DSPV applicants on existing DT	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/ https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf	Grid-support charge may be specified separately by KERC; no fixed charge follows merely from the definition. Network augmentation may be needed.
DSPV commissioning timeline	Final 2026 framework prescribes implementation timelines for smaller DSPV applications and licensee inspection / commissioning.	1–150 kW: work completion within 150 days; licensee inspection / commissioning within 5 working days after required readiness / documentation	Eligible 1–150 kW DSPV applications	KERC Grid Interactive DSPV Plants Regulations 2026	Distribution licensee; KERC	https://srtpv.bescom.org/ https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf	Work-completion clock runs from application (1–150 kW); inspection within 5 working days of completion report. Delay attracts ₹1,000/day officer penalty and deemed-generation benefit.
Peer-to-peer solar	KERC has a State regulatory framework for implementation of peer-to-peer solar-energy transactions.	Framework notified in 2024; transaction values / platform terms are order- and implementation-specific	Eligible P2P solar participants	KERC Implementation of Peer to Peer Solar Energy Transaction Regulations 2024	KERC; distribution licensee / platform as applicable	https://kerc.karnataka.gov.in/ https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/34298/Karnataka_Electricity_Regulatory_Commission_Implementation_of_Peer_to_Peer_Solar_Energy_Transaction_Regulations_2024_AUG072024.pdf	Verify the current operational platform, licensee procedure and settlement order before use.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Draft GNA - future change watch	Draft 2026 regulations would consolidate connectivity and general network access and repeal / replace parts of the current OA framework only upon final notification.	Draft proposes 1-Oct-2026 commencement	Future intra-State connectivity / GNA transactions	Draft KERC Connectivity and GNA Regulations 2026	KERC; KPTCL / STU; distribution licensee	https://kerc.karnataka.gov.in/uploads/media_to_upload1781238353.pdf	KERC continues to list this as draft. Proposed dates and thresholds do not confer operative rights.

SHEET 7 OF 8

MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Karnataka renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Karnataka tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at application / sanction	MNRE; distribution licensee	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	Scheme through 31-Mar-2027; national-portal eligibility and KERC DSPV rules apply separately.
Agricultural solar	PM-KUSUM	Solar pumps, decentralised plants and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; KREDL; ESCOMs	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027 only for PPA signed / NTP issued by 31-Dec-2025. Pump MW and feeder procurement remain separate. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Agricultural solar	Karnataka agriculture solarisation route	State policy explicitly promotes solarisation of agricultural feeders and pumps using State / Central programmes	No separate State MW sub-target stated in the 2022-27 policy	Unquantified State target	Energy Department; KREDL; ESCOMs	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf	Track scheme allocation / commissioned capacity from the live implementing programme, not from the umbrella policy.
Bioenergy	National Bioenergy Programme	Biomass, waste-to-energy and biogas components	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated implementing agency	https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also Phase-II-budget dependent.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Karnataka tracker use
Small hydro	MNRE SHP Development Scheme	1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified	MNRE	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Wind	MNRE wind programme / repowering framework	Resource assessment, standards, new wind and repowering framework	National support / standards as notified; no automatic Karnataka repowering cash incentive in the State RE policy	Unquantified for Karnataka State incentive	MNRE; NIWE; KREDL	https://mnre.gov.in/en/wind-overview/	Use KERC / procurement terms for tariff and OA; do not import another State's repowering benefit.
Green hydrogen	National Green Hydrogen Mission	Production, electrolyser manufacturing, hubs, pilots, R&D and standards	Mission outlay ₹19,744 crore; support allocation / award-specific; national target ≥5 MMT/year by 2030	Quantified nationally; State target pending	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	National target and mission support are not a notified Karnataka production target or automatic State incentive.
Grid / transmission	Green Energy Corridor-II / III	Intra-State transmission infrastructure for RE evacuation	GEC-II Karnataka: ₹341.96 crore / 2,640 MW. GEC-III State plan 19.01 GW; national scheme approved 30-Sep-2026.	Quantified programme / planning	KPTCL; MNRE / Ministry of Power	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1611_ViAquv.pdf?source=lsapps https://sansad.in/getFile/annex/269/AU151_ZLJnMe.pdf?source=pqars https://www.pib.gov.in/PressReleasePage.aspx?PRID=2316950&lang=1&reg=3	Central GEC-III provides up to 135 GW evacuation / 50 GWh BESS nationally by FY2032-33. State allocations and awards are separate.
Hybrid / FDRE	Competitive procurement guidelines and tenders	Wind-solar hybrid, RTC / FDRE and co-located storage	Tariff and contracted MW per live tender / PPA	Quantified per procurement	SECI / intermediary procurer / Karnataka ESCOM; KERC	https://mnre.gov.in/en/policies-and-regulations/schemes-and-guidelines/guidelines/	Separate State policy potential, CEA planning and actually awarded / contracted capacity.

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Sources

Primary Sources and Department Links

Policies, regulations, capacity data and responsible-government entry points

Official policy, regulatory, utility and capacity publications have different reporting dates. Court judgments are cited with case numbers and accessible reproductions. Targets, projections, transmission evacuation and physical capacity remain distinct.

Category	Document / authority	What it verifies	Official link	Status / date checked
State policy	Karnataka Renewable Energy Policy 2022-2027 with First Amendment	RE targets, fees, approvals; first amendment. Court orders limit fee clause 7.2 and land restrictions while upholding Government-order requirement.	https://kredl.karnataka.gov.in/storage/pdf-files/Policies/KarnatakaRenewableEnergyPolicy2022-27-NEW.pdf https://judiciary.karnataka.gov.in/rep_judgmentcase.php https://indiankanoon.org/doc/128072909/ https://lawlens.in/doc/c4171f04-6ff9-4ca1-beb6-341a190eff90	Gazette 6-May-2022; amendment 27-Feb-2023; High Court 28-Aug / 30-Sep-2026
Policy register	MNRE State Policies and Guidelines - Karnataka	Official Central entry point for State RE-policy documents	https://mnre.gov.in/en/policies-and-regulations/policies-and-guidelines/state/	Official State-policy register
Current capacity	MNRE state-wise installed RE capacity	Location-based solar sub-sectors, wind, bio-power, small hydro, large hydro and total RE for Karnataka	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Capacity as at 30-Sep-2026; MNRE October release
Capacity register	MNRE Physical Progress page	Latest official national / state capacity release entry point	https://mnre.gov.in/en/physical-progress/	MNRE publication portal
Resource adequacy	CEA Karnataka Resource Adequacy Plan, Version 3.0	Table 6 p.11: Karnataka SLDC/PCKL demand projections used in State study	https://cea.nic.in/api/dashboardReports/download-pdf/en/9bc5286b-2fc6-4b41-af97-7f324c65b350	January 2026; planning period FY2025-26 to FY2035-36
National planning	CEA Long-Term National Resource Adequacy Plan 2026-27 to 2035-36	Annexure A pp.63–64: national-plan Karnataka demand series from 20th EPS midterm review; distinct from State SLDC/PCKL series	https://cea.nic.in/api/dashboardReports/download-pdf/en/2698b8f3-5ebe-4fe2-89f5-fb0fdcc88667	Report March 2026; published 8-Apr-2026
Pumped storage	CEA State Profile on Hydro Development	Karnataka exploitable PSP potential and named sites	https://cea.nic.in/api/dashboardReports/download-pdf/en/1d175ea7-4cdd-4fbf-b9d4-96efc5e4de9a	August-2026 report, Karnataka summary dated 10-Sep-2026; 7,600 MW potential unchanged
Pumped storage	CEA Hydro / PSP report landing	Current CEA hydro and PSP status entry point	https://cea.nic.in/api/dashboardReports/download-pdf/en/77bd9823-e281-4f02-9c55-730b758a5361	August-2026 CEA status; projects under construction, not commissioned
Transmission	Rajya Sabha UQ151 - Power Supply to Karnataka from CGS	GEC-II ~2.6 GW evacuation and GEC-III planned 19.01 GW split by solar / wind and zones	https://sansad.in/getFile/annex/269/AU151_ZLJnMe.pdf?source=pqars	Answered 1-Dec-2025; includes GEC-II / GEC-III State planning
Transmission funding	Lok Sabha answer - Green Energy Corridor	Karnataka GEC-I / GEC-II eligible CFA; GEC-II ₹341.96 crore	https://sansad.in/getFile/loksabhaquestions/annex/187/AU6059_tJb3xJ.pdf?source=pqals	Answer dated 1-Apr-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Transmission status	Lok Sabha UQ1611 - Green Energy Corridor in Karnataka	GEC-II: 10 packages / 2,640 MW awarded by 30-Jun-2026. National GEC-III approval 30-Sep-2026; State allocations separate.	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1611_ViAquv.pdf?source=lsapps https://www.pib.gov.in/PressReleasePage.aspx?PRID=2316950&lang=1&reg=3	UQ1611 answered 29-Jul-2026; GEC-III Cabinet approval 30-Sep-2026
Open access	KERC Terms and Conditions for Open Access Regulations 2025	Current OA framework, eligibility, banking and transaction structure	https://erajyapatra.karnataka.gov.in/WriteReadData/2025/8404.pdf	Gazetted 26-Mar-2025; operative OA framework
Regulatory watch	Draft KERC Connectivity and General Network Access Regulations 2026	Proposed future GNA / connectivity framework; draft status	https://kerc.karnataka.gov.in/uploads/media_to_upload1781238353.pdf	KERC currently lists GNA as draft; proposed 1-Oct-2026 start is not final notification
DSPV regulations	BESCOM DSPV portal	Hosts final KERC DSPV Regulations 2026, current tariff order, SOPs and application links	https://srtpv.bescom.org/	Official utility portal; final regulations / tariff documents linked separately
DSPV cross-check	KERC DSPV Regulations 2026 and generic tariff order	Final metering rules, capacity limits, eligibility and tariff categories; earlier tariff extension	https://srtpv.bescom.org/document/KERC%20(Grid%20Interactive%20Distributed%20Solar%20Photovoltaic%20(DSPV)%20Plants)%20Regulations,%202026.pdf https://srtpv.bescom.org/document/KERC%20Tariff%20Order%20from%2025.08.2026.pdf	Regulations: 19-Aug / effective 24-Aug-2026. Tariff: 25-Aug-2026–30-Jun-2029 or earlier order.
Group / virtual net metering	BESCOM Common SOP for VNM and GNM	Implementation procedure for group / virtual net metering	https://srtpv.bescom.org/document/Common%20SOP%20VNM_GNM%2012.05.2026.pdf	SOP dated 12-May-2026; final 2026 KERC regulation prevails where inconsistent
DSM	KERC forecasting / scheduling / DSM framework 2026	Applicability thresholds and deviation framework for wind, solar and hybrid sellers	https://kerc.karnataka.gov.in/27/regulations/en https://www.eqmagpro.com/wp-content/uploads/2026/07/media_to_upload1782209789-1-2_compressed.pdf	Notified 19-Jun-2026; final regulation listed on KERC register
Peer-to-peer solar	KERC P2P Solar Energy Transaction Regulations 2024	State framework for peer-to-peer solar transactions	https://avantiscdnprodstorage.blob.core.windows.net/legalupdatedocs/34298/Karnataka_Electricity_Regulatory_Commission_Implementation_of_Peer_to_Peer_Solar_Energy_Transaction_Regulations_2024_AUG072024.pdf	Notification dated Aug-2024
Electricity regulator	Karnataka Electricity Regulatory Commission	Regulations, tariff, OA, grid code and orders	https://kerc.karnataka.gov.in/	Electricity regulator
Renewable-energy agency	Karnataka Renewable Energy Development Limited	State nodal agency, project applications and programme information	https://kredl.karnataka.gov.in/english	State renewable-energy agency
System operator	Karnataka State Load Despatch Centre	Scheduling, OA, energy accounting and grid operations	https://kptclsldc.in/Default.aspx	State system operator
Distribution utility	BESCOM	DSPV, distribution, supply and consumer processes	https://www.bescom.co.in/	Distribution licensee
Distribution utilities	HESCOM / GESCOM / MESCOM / CESC Mysuru	Distribution-licensee processes outside BESCOM area	https://www.hescom.co.in/ https://www.gescomglb.org/ https://www.mescom.org.in/ https://cescmysore.in/	Distribution-licensee entry points
Industry policy	Karnataka Industrial Policy 2025-30	Current industrial-policy framework and statement that a State Green Hydrogen Policy will be notified	https://investkarnataka.co.in/wp-content/uploads/2025/02/IndustrialPolicy2025_PrintPagesSingle_.pdf	Industrial Policy 2025-30
Industry policy register	Invest Karnataka - GOs and Circulars	Current industry-policy orders / implementation entry point	https://investkarnataka.co.in/tools-and-resources/gos-circulars/	Industry policy / implementation register

Category	Document / authority	What it verifies	Official link	Status / date checked
Investment facilitation	Invest Karnataka	State investment facilitation and sector information	https://investkarnataka.co.in/	State investment-facilitation agency
Single window	Karnataka Single Window System	Investment approval / facilitation entry point	https://sws.investkarnataka.co.in/en-US/	State investment-approval portal
Green hydrogen status	Southern Regional Power Committee minutes	Records Karnataka Green Hydrogen Policy draft as under consideration / not yet operative in the cited status	https://www.srpc.kar.nic.in/website/2025/meetings/srpc/m52tcc-55srpc.pdf	SRPC 2025 meeting record; proposed State policy status
Revenue / land	Revenue Department, Government of Karnataka	Revenue and land-administration entry point	https://revenue.karnataka.gov.in/	Revenue / land administration
Water resources	Water Resources Department, Government of Karnataka	Water-resource / reservoir / hydro and PSP project administration entry point	https://waterresources.karnataka.gov.in/	Water-resource administration
Environmental authority	Karnataka State Pollution Control Board	Environmental-consent entry point for applicable projects	https://kspcb.karnataka.gov.in/	Pollution-control authority
Central scheme	PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://jbvnl.co.in/SOLAR/Operational%20Guidelines%20to%20PM%20Suryaghar%207%20June%2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Central scheme	MNRE PM-KUSUM extension OM	Existing A/C project financial closure and conditional completion extension	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	OM 28-Sep-2026; underlying scheme ended 31-Mar-2026
Central scheme	MNRE BioUrja programme / funding status	Phase-I end and restrictions on unsanctioned biomass / WTE proposals	https://biourja.mnre.gov.in/	Phase-I ended 31-Mar-2026; Phase-II budget approval governs pending proposals
Central scheme	MNRE SHP Development Scheme 2026-31	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Central scheme	National Green Hydrogen Mission	National hydrogen mission target, outlay and programme entry point	https://mnre.gov.in/en/national-green-hydrogen-mission/	National mission; State targets / awards remain separate

Madhya Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 19 October 2026

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Synopsis

Madhya Pradesh Renewable Energy: Policy and Investment Synopsis

Madhya Pradesh's renewable energy framework combines capacity targets with incentives for eligible projects, including storage-enabled generation and green hydrogen. Investment routes are set out in the Madhya Pradesh Renewable Energy Policy 2025, alongside separate rules for biofuel, pumped storage, metering and open access.

1. Policy Overview

- Key State instruments: Madhya Pradesh Renewable Energy Policy 2025; Scheme for Implementation of Biofuel Projects; Scheme for Implementation of Pumped Hydro Storage; MPERC Grid Interactive Renewable Energy Systems Regulations 2024; and MPERC Green Energy Open Access Charges and Banking Regulations 2023.
- Installed capacity: 12,877.44 MW physically located in the State as at 30 September 2026. This includes 6,619.82 MW solar, 3,739.45 MW wind, 159.46 MW bio-power and 2,358.71 MW hydro.

2. Major Commitments and Projections

- Renewable energy and storage: The 2025 policy targets an additional 22,000 MW of renewable energy and 6,000 MW of storage by FY 2030, rising to 36,000 MW and 12,000 MW, respectively, by FY 2035. These are targets, not awarded or commissioned capacity.
- Solarisation: The policy targets solarisation of all agricultural pumps by FY 2030. It sets no separate solar-only capacity target.
- Resource potential: The policy estimates about 11 GW of wind potential, 4 GW of biomass potential and 820 MW of small-hydro potential. These are resource estimates, not project pipelines.

3. Investment Framework

- General project benefits: Eligible, registered projects generally receive a 100% electricity-duty exemption for 10 years from commercial operation and no energy-development cess on project-supplied power for 10 years. The policy also provides a 50% wheeling-charge waiver for five years, subject to MPERC approval.
- Land and registration: Eligible private-land purchases receive a 50% stamp-duty reimbursement after commercial operation. Available government land is generally priced at 50% of Collector guideline value for higher-priority categories and 75% for lower-priority categories. General policy benefits usually require registration and apply to projects of 500 kW or more.
- Storage-linked projects: A renewable project must include at least X/10 MWh of storage for every X MW of renewable capacity to qualify for the additional package. This includes a 20% registration-fee exemption and a 100% electricity-duty exemption for 10 years.
- Green hydrogen and biofuel: Eligible green-hydrogen units may receive investment assistance capped at ₹200 crore in seven annual instalments, with separate infrastructure support subject to caps and conditions. The State biofuel scheme generally requires investment above ₹10 crore, with specified exceptions, and includes a 30% biomass-equipment subsidy up to ₹20 lakh.
- Market access: Green open access is generally available from 100 kW. Qualifying captive use and green hydrogen or ammonia use receive specified CSS and additional-surcharge exemptions; banking carries an 8% charge in kind.

4. Principal Implications

- The storage incentive package has a defined sizing condition. Projects that do not meet it cannot assume the additional benefits.
- Rooftop systems use MPERC's separate metering rules. Net metering is capped at 500 kW and gross metering at 1 MW; third-party sale is not allowed under the specified consumer-metering routes.

5. Investment Outlook

- Solar with storage: RUMSL has awarded two 220 MW Morena solar-plus-BESS units for peak supply, at ₹2.70/kWh and ₹2.764/kWh. These are awards, not operating capacity.
- Pumped storage: Gandhisagar (1,920 MW) was under construction and Indira Sagar (640 MW) under examination in the August 2026 CEA roadmap. The State also has a dedicated implementation scheme for pumped-hydro projects.
- Agricultural solarisation and biofuel: Pump solarisation creates a policy-defined procurement area, while the separate biofuel scheme supports eligible manufacturing and biomass-equipment investment. Project opportunities depend on the relevant procurement, registration and scheme conditions.

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Overview

Madhya Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Updated and verified 19 October 2026

Read definitions carefully: MNRE figures are capacity physically located in Madhya Pradesh; CEA figures use allocated shares in State, private and Central-sector utilities. Policy targets, awards, PPP concepts, survey stages and incentives are not treated as commissioned capacity. Monetary support remains subject to eligibility, registration, operative orders, sanction and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Madhya Pradesh	12,877.44	Add 22,000 MW by FY 2030 and 36,000 MW by FY 2035 under the Madhya Pradesh Renewable Energy Policy 2025	Quantified; target is additional	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars
Solar—total physically installed	6,619.82	No separate solar-only MW target in the 2025 policy; ADB reports a State objective for renewables to meet 50% of electricity demand by 2030	Quantified current; cross-sector objective	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.adb.org/news/adb-support-development-renewable-energy-ppp-projects-madhya-pradesh
Solar—ground mounted	5,346.46	RUMSL parks reported commissioned: Rewa 750 MW; Agar-Shajapur-Neemuch 1,330 MW; Omkareshwar floating 278 MW	Quantified current; commissioned subset	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars
Solar—rooftop	1,075.60	No aggregate State MW target located; net metering is allowed up to 500 kW and gross metering up to 1 MW	Quantified current; regulatory limits	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf
Solar—off-grid / PM-KUSUM-B	197.77	Policy direction: solarise all agricultural pumps by FY 2030, beginning with temporary, off-grid and then grid-connected pumps	Quantified current; policy deadline	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://pmkusum.mnre.gov.in/
Wind physically installed	3,739.45	Policy-estimated wind potential about 11 GW; potential is not commissioned or executable capacity	Quantified current; potential	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	159.46	Policy-estimated biomass potential about 4 GW; biofuel projects use a separate implementation scheme	Quantified current; potential / scheme	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://invest.mp.gov.in/wp-content/uploads/2025/02/Bio-Fuel-Project_Scheme.pdf
Hydro physically installed	2,358.71	123.71 MW small hydro plus 2,235.00 MW large hydro; policy estimates 820 MW small-hydro potential	Quantified current; potential separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf
Energy storage policy target	No statewide operating BESS total identified in the reviewed sources	Add 6,000 MW by FY 2030 and 12,000 MW by FY 2035	Quantified target; current base not established	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://www.acmesolar.in/assets/pdf/Stock-Exchange-Disclosures/10.02.2026__Regulation_30_-_Letter_of_Award_for_setting_up_a_220_MW_Solar_with_Battery_Energy_Storage_System_%28BESS%29_project_by_Rewa_Ultra_Mega_Solar_Limited.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf
Pumped storage pipeline	No operational Madhya Pradesh PSP reported in the 30-Apr-2026 CEA status; the Aug-2026 CEA roadmap confirms Gandhisagar 1,920 MW under construction and Indira Sagar 640 MW under examination	Panari 1,800 MW was listed under S&I in the CEA 30-Apr-2026 status	Quantified staged pipeline	https://cea.nic.in/reports/dashboardView?headingId=107&lang=en&source=archive&subHeadingId=1003&subSubHeadingId=10039&title=Status+of+Pumped+Storage+Development+in+India https://cea.nic.in/wp-content/uploads/news_live/2026/08/Roadmap_to_100_GW_of_Hydro_Pumped_Storage_Projects_3.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf https://www.invest.mp.gov.in/wp-content/uploads/2025/02/PHS-Project-Schemes.pdf
Renewable capacity by allocated shares	13,210.70	CEA 31-Mar-2026 utility / allocated-share basis: 3,263.06 MW hydro plus 9,947.64 MW other RES	Quantified; statistical scope differs	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Electricity peak demand	19,902 MW actual peak in Jan-2026	29,097 MW projected in FY 2034-35	Quantified planning projection	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Madhya Pradesh tracker

These definitions control the comparison of physical capacity, allocated-share capacity, policy targets, project stages and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Madhya Pradesh. MNRE state-wise capacity is used for this measure.
Allocated-share capacity	CEA capacity available to Madhya Pradesh through State, private and Central-sector utilities and allocated shares; it is not the same statistical series as MNRE location-based capacity.
Policy target	A goal adopted by the Government of Madhya Pradesh. It is not treated as commissioned, awarded or financed capacity.
Policy potential	A high-level resource estimate in the policy. It is not land-screened, consented, grid-connected or financeable capacity.
Commissioned	A project reported as in commercial operation. Commissioned project subsets are not added again to the later MNRE total.
Awarded / LoA	A procurement award or letter of award. It is not treated as constructed or operational.
PPP concept / advisory	A project being structured for public-private partnership. It is not a tender award, PPA or construction milestone.
Under construction	Physical works reported as under construction. The quantity remains outside operational capacity until commissioning.
DPR / S&I	Detailed Project Report / survey and investigation. Neither is treated as operational capacity.
SHP	Small hydro project. MNRE installed-capacity reporting uses projects up to 25 MW.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
PSP / PHS	Pumped Storage Project / Pumped Hydro Storage. CEA stage classifications control how the pipeline is shown.
GEOA	Green Energy Open Access under the MPERC 2023 charge and banking framework.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Exemptions are shown only where the governing instrument expressly provides them.
Net / gross / group / virtual metering	Four distinct MPERC grid-interactive arrangements. Capacity bands, charges and settlement differ.
COD	Commercial Operation Date. Several State incentives start from COD and require documentary confirmation.

Term	Meaning used in this tracker
MU	Million units of electricity (million kWh).

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Policy Tracker

Sector coverage | Current capacity | Policy targets | Implementation status | Conditions

Capacity stages are intentionally non-additive. A target, resource potential, advisory assignment, LoA, PPA, S&I, DPR or under-construction project is not counted as commissioned capacity.

Sector	Policy / programme	Objective / provision	Instrument / basis	Classification	Actual numeric term	Financial / tariff support	Implementation route	Responsible body	Official source	Tracker note
Cross-sector	State capacity targets	Increase renewable-energy capacity and integrate storage across technologies.	Madhya Pradesh Renewable Energy Policy 2025	Quantified	Add 22,000 MW RE by FY 2030; 36,000 MW by FY 2035	General and technology-specific incentives; no automatic entitlement.	Registration, land, connectivity, approvals, procurement and COD	NRE Department; RUMSL; MP utilities; MPERC	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Targets are additions, not total installed-capacity end points.
Cross-sector	Energy-storage targets	Build storage to support renewable integration and flexibility.	Madhya Pradesh Renewable Energy Policy 2025	Quantified	Add 6,000 MW by FY 2030; 12,000 MW by FY 2035	Additional storage incentives require the policy's sizing test.	Registration and technology-specific approvals	NRE Department; MPERC; CEA; procurers	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf	Target includes storage technologies; CEA PSP stages are shown separately.
Cross-sector	Employment objective	Develop skills and employment alongside renewable-energy expansion.	Madhya Pradesh Renewable Energy Policy 2025	Quantified	More than 50,000 jobs by FY 2030; 85,000 by FY 2035	Training / institutional measures, not an investor cash benefit.	Departmental programmes and project implementation	NRE Department; skill institutions	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Employment is a policy outcome target, not capacity.
Cross-sector	Applicability and registration	General policy benefits apply to eligible renewable-energy projects that register with the State nodal agency.	Madhya Pradesh Renewable Energy Policy 2025 and Guidelines	Quantified threshold	Generally 500 kW or more; notified 4-Apr-2025; five-year term unless replaced earlier	Eligibility gateway only.	Register before claiming benefits; meet project-specific conditions	Commissioner, NRE Department	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Decentralised systems and metered systems have separate treatment.
Solar	Existing physical portfolio	MNRE reports grid-connected and off-grid solar components separately.	MNRE state-wise installed capacity	Quantified current	6,619.82 MW at 30-Sep-2026	Scheme / tariff treatment depends on project route.	MNRE reporting and State implementation	MNRE; NRE Department; RUMSL; Discoms	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars	Later MNRE total supersedes the 6,027.16 MW solar figure in the 21-Jul-2026 Parliament answer.
Solar	Ground mounted	Utility-scale capacity includes commissioned parks and other projects.	MNRE physical progress; Parliament answer	Quantified current	5,346.46 MW at 30-Sep-2026	Project-specific tariff / PPA / tender.	Land, connectivity, procurement, approvals and COD	RUMSL; NRE Department; MP utilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars	Named commissioned parks are a subset; do not add them to the MNRE total.
Solar	Rewa Solar Park	RUMSL-developed utility-scale solar park.	Parliament answer; RUMSL project reporting	Quantified commissioned	750 MW; commissioned Jan-2020	Project-specific.	Operational monitoring	RUMSL; procurers; developers	https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars https://rumsl.mp.gov.in/	Included in the later MNRE installed total.

Sector	Policy / programme	Objective / provision	Instrument / basis	Classification	Actual numeric term	Financial / tariff support	Implementation route	Responsible body	Official source	Tracker note
Solar	Agar-Shajapur-Neemuch parks	Three RUMSL-developed solar-park programmes.	Parliament answer	Quantified commissioned	1,330 MW total; commissioned Apr-2024, Jun-2025 and Nov-2024 respectively	Project-specific.	Operational monitoring	RUMSL; procurers; developers	https://sansad.in/getFile/annex/271/AU306_RAZpve.pdf?source=pqars https://rumsl.mp.gov.in/	Aggregate is a commissioned subset, not an additional capacity total.
Solar	Omkareshwar floating solar	Floating solar project developed through RUMSL.	Parliament answer	Quantified commissioned	278 MW; commissioned Oct-2024	Project-specific.	Operational monitoring	RUMSL; NHDC / developers; procurers	https://sansad.in/getFile/annex/271/AU306_RAZpve.pdf?source=pqars https://rumsl.mp.gov.in/	Included in MNRE solar capacity.
Solar + storage	Morena Solar Park	RUMSL awarded two solar-plus-BESS units for peak supply.	Company LoA disclosures	Quantified award	440 MW total: Ceigall 220 MW at ₹2.70/kWh; ACME 220 MW at ₹2.764/kWh	Tariff-based 25-year operation after construction.	PPA, land / evacuation, construction and COD	RUMSL; Ceigall; ACME; procurers	https://ceigall.com/wp-content/uploads/2026/02/ceigall_09022026200412_LOA_09022026_REWA.pdf https://www.acmesolar.in/assets/pdf/Stock-Exchange-Disclosures/10.02.2026__Regulation_30_-_Letter_of_Award_for_setting_up_a_220_MW_Solar_with_Battery_Energy_Storage_System_%28BESS%29_project_by_Rewa_Ultra_Mega_Solar_Limited.pdf	Awards are not commissioned capacity; company disclosures provide independent unit-level checks.
Solar + storage	Shajapur PPP concept	ADB is advising the State on a solar-plus-BESS PPP for peak demand and grid stability.	ADB transaction-advisory agreement	Quantified programme envelope	Part of three PPP projects expected to attract up to US$1 billion private investment	Transaction structure to be determined.	PPP preparation, tender, award, financing and construction	Government of MP; ADB; RUMSL	https://www.adb.org/news/adb-support-development-renewable-energy-ppp-projects-madhya-pradesh	The US$1 billion figure covers three PPP projects, not only Shajapur.
Solar	Rooftop physical capacity	MNRE separately reports rooftop solar physically installed in the State.	MNRE state-wise installed capacity	Quantified current	1,075.60 MW at 30-Sep-2026	PM Surya Ghar and State regulatory routes apply by consumer / project.	Portal, feasibility, metering and commissioning	MNRE; Discoms; MPERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Do not merge with ground-mounted or off-grid solar.
Solar	Government-office rooftop	Policy encourages rooftop deployment on government buildings, preferably through OPEX models.	Madhya Pradesh Renewable Energy Policy 2025	Unquantified	No aggregate MW deadline located	Procurement- and building-specific.	Site assessment, procurement, net / gross metering and COD	State departments; NRE Department; Discoms	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Direction is not a capacity sanction.
Solar	Decentralised-policy boundary	Smaller premises-based systems remain governed by the 2016 decentralised renewable-energy policy where instruments overlap.	Madhya Pradesh Renewable Energy Policy 2025	Quantified boundary	Premises systems up to 2 MW: 2016 decentralised policy prevails in overlap	Instrument-specific.	Confirm applicable policy and MPERC metering route	NRE Department; MPERC; Discoms	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	The 2025 policy generally starts at 500 kW, but it does not erase the separate decentralised framework.
Solar	Off-grid / PM-KUSUM-B	Off-grid solar and Component-B pumps are reported separately.	MNRE physical progress; PM-KUSUM	Quantified current	197.77 MW at 30-Sep-2026	Component- and sanction-specific support.	Scheme application, sanction, vendor / tender and commissioning	MNRE; State implementing agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://pmkusum.mnre.gov.in/	Keep separate from grid-connected rooftop and utility solar.
Solar	Agricultural-pump solarisation	Policy sequences temporary, off-grid and grid-connected agricultural pumps for solarisation.	Madhya Pradesh Renewable Energy Policy 2025	Quantified deadline	All agricultural pumps targeted by FY 2030	Central / State scheme and procurement specific.	Feeder / pump survey, sanction, procurement and commissioning	Energy Department; Discoms; NRE Department	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://pmkusum.mnre.gov.in/	A deadline is not evidence that every pump is already sanctioned.

Sector	Policy / programme	Objective / provision	Instrument / basis	Classification	Actual numeric term	Financial / tariff support	Implementation route	Responsible body	Official source	Tracker note
Solar	Green cities and villages	Renewable supply is to be expanded in selected heritage, tourist and nationally important places.	Madhya Pradesh Renewable Energy Policy 2025	Quantified programme	Up to 10 places; targets include 75% domestic, 75% commercial and 100% religious / cultural annual consumption	Programme-specific.	City / village plans, procurement, grid and demand accounting	NRE Department; local bodies; Discoms	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Sanchi and Khajuraho are named pilots; consumption shares are not generation MW.
Wind	Existing physical portfolio	MNRE reports wind projects physically located in Madhya Pradesh.	MNRE state-wise installed capacity	Quantified current	3,739.45 MW at 30-Sep-2026	Project-specific tariff / open access / captive treatment.	Resource, land, connectivity, procurement and COD	NRE Department; MPPTCL; Discoms; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Policy potential of about 11 GW is separate from installed capacity.
Bioenergy	Existing physical portfolio	MNRE bio-power total includes biomass and waste-to-energy components.	MNRE state-wise installed capacity	Quantified current	159.46 MW: 92.50 MW bagasse, 18.85 MW non-bagasse, 15.40 MW grid WTE and 32.71 MW off-grid WTE	Technology- and scheme-specific.	Feedstock, approvals, offtake / captive route and COD	NRE Department; local bodies; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://invest.mp.gov.in/wp-content/uploads/2025/02/Bio-Fuel-Project_Scheme.pdf	Components reconcile to the MNRE total.
Bioenergy	Biofuel implementation scheme	Separate State scheme covers biofuel manufacturing, feedstock and infrastructure.	Scheme for implementation of Biofuel Projects in Madhya Pradesh	Quantified eligibility	Generally investment above ₹10 crore; threshold waived for specified briquette / pellet, cogeneration and STP-conversion units	Industrial, land, duty and feedstock assistance; conditions apply.	Register with Commissioner, NRE; submit DPR and required approvals	NRE Department; Invest MP; line departments	https://invest.mp.gov.in/wp-content/uploads/2025/02/Bio-Fuel-Project_Scheme.pdf	Do not automatically apply power-project incentives to every biofuel unit.
Small hydro	Existing physical portfolio	MNRE classifies hydro projects up to 25 MW as small hydro.	MNRE state-wise installed capacity	Quantified current	123.71 MW at 30-Sep-2026	Central SHP CFA may apply subject to sanction.	State approvals plus MNRE / SECI process where eligible	NRE Department; MNRE; SECI	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nrep.mnre.gov.in/guidelines-shp	Madhya Pradesh is in the ordinary-location CFA category under the current central scheme.
Large hydro	Existing physical portfolio	MNRE includes large hydro in the State renewable-energy total.	MNRE state-wise installed capacity	Quantified current	2,235.00 MW at 30-Sep-2026	Project-specific tariff, allocation and approvals.	Utility / developer project route	CEA; NHDC; State utilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	CEA's allocated-share hydro is 3,263.06 MW and uses a different scope.
Storage	Additional incentive sizing test	A renewable-energy project may access the storage incentive package only when storage meets the policy ratio.	Madhya Pradesh Renewable Energy Policy 2025	Quantified threshold	For X MW RE, at least X/10 MWh storage	Additional incentive layer; conditions and registration apply.	Register and document capacity, storage duration and COD	Commissioner, NRE; MPERC; utilities	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Meeting the ratio does not itself approve grid connectivity or procurement.
BESS	Morena peak-supply design	Solar-plus-BESS units must supply peak periods under RUMSL procurement terms.	ACME and Ceigall LoA disclosures	Quantified award	Two 220 MW units; ACME disclosure states 4 peak hours/day and 31-Dec-2027 SCOD	Tariff and PPA-specific.	PPA, project execution and performance tests	RUMSL; developers; procurers	https://www.acmesolar.in/assets/pdf/Stock-Exchange-Disclosures/10.02.2026__Regulation_30_-_Letter_of_Award_for_setting_up_a_220_MW_Solar_with_Battery_Energy_Storage_System_%28BESS%29_project_by_Rewa_Ultra_Mega_Solar_Limited.pdf https://ceigall.com/wp-content/uploads/2026/02/ceigall_09022026200412_LOA_09022026_REWA.pdf	Use executed PPAs for final BESS energy rating and performance conditions.

Sector	Policy / programme	Objective / provision	Instrument / basis	Classification	Actual numeric term	Financial / tariff support	Implementation route	Responsible body	Official source	Tracker note
Pumped storage	State implementation scheme	Pumped-hydro projects use a dedicated State scheme rather than the generic storage incentive package.	Scheme for Implementation of Pumped Hydro Storage	Quantified by project	Project-specific registration, land, grid and water terms	Scheme-specific; not automatically cumulative with general incentives.	Site allotment, DPR, CEA / environmental approvals, financing and construction	NRE Department; Water Resources; CEA; MPPTCL	https://www.invest.mp.gov.in/wp-content/uploads/2025/02/PHS-Project-Schemes.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Invest MP lists the 2025 scheme; its term clause refers to the 2022 RE Policy and a 10-year backstop. Confirm the applicable term with the State before relying on an expiry date.
Pumped storage	CEA-tracked pipeline	CEA classifies each PSP by actual development stage.	CEA PSP Development status archive; latest report listed Aug-2026	Quantified staged pipeline	Gandhisagar 1,920 MW under construction; Indira Sagar 640 MW under examination (CEA Aug-2026 roadmap); Panari 1,800 MW under S&I in CEA 30-Apr-2026 status	Project-specific.	Complete stage-specific approvals and works	CEA; developers; State agencies	https://cea.nic.in/reports/dashboardView?headingId=107&lang=en&source=archive&subHeadingId=1003&subSubHeadingId=10039&title=Status+of+Pumped+Storage+Development+in+India https://cea.nic.in/wp-content/uploads/news_live/2026/08/Roadmap_to_100_GW_of_Hydro_Pumped_Storage_Projects_3.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf	The latest Aug-2026 roadmap confirms the first two stages; Panari remains dated to the 30-Apr-2026 CEA status. No MP PSP was listed as operational in that April status.
Green hydrogen	State incentive package	Green hydrogen and related industrial units can access a dedicated promotion package.	Madhya Pradesh Renewable Energy Policy 2025; Industrial Promotion Policy 2025 route	Quantified	Basic investment assistance capped at ₹200 crore in 7 equal annual instalments	Formula- and eligible-investment-specific.	Industrial registration, eligibility and annual disbursement conditions	Invest MP; NRE Department; line departments	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Cap is not a flat entitlement.
Green hydrogen	Customised mega-unit package	Very large green-hydrogen investments may seek a customised package.	Madhya Pradesh Renewable Energy Policy 2025	Quantified threshold	Investment above ₹2,500 crore	Negotiated / approved package.	CCIP / competent-authority approval	Government of MP; Invest MP	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	No amount is automatic from the threshold alone.
Cross-sector	Demonstration projects	Policy supports technical-feasibility, pilot and demonstration work and may participate in financing scalable demonstrations.	Madhya Pradesh Renewable Energy Policy 2025	Quantified support ceiling	Technical support up to 100%; State may arrange up to 20% of financing need for scalable demonstrations	Approval- and budget-specific.	Proposal evaluation and sanction	NRE Department; research / technical institutions	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Separate technical support from project-finance participation.
Cross-sector	Government-land priority	Government land is prioritised by project type and public-interest route.	Madhya Pradesh Renewable Energy Policy 2025 Guidelines	Quantified concession by category	Higher-priority categories generally pay 50% of guideline value; lower-priority categories generally pay 75%	Availability and category specific.	Land identification, priority test and competent approval	Revenue Department; NRE Department	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	The policy headline 50% rebate should not be applied to every priority category.
Cross-sector	Large-project land contiguity	Limited government land may support contiguous private-land parcels for large projects.	Madhya Pradesh Renewable Energy Policy 2025 Guidelines	Quantified	>250 MW: up to 50% government land; 100–250 MW: up to 25%, subject to conditions	Land facilitation, not free land.	Private-land aggregation, contiguity and approval	Revenue Department; NRE Department	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Threshold and availability conditions must be evidenced.
Cross-sector	Repowering	Existing renewable projects may be repowered with consent and PPA safeguards.	Madhya Pradesh Renewable Energy Policy 2025	Quantified reference period	Where MPPMCL / Discom PPA applies, last 3-year average energy continues for procurement treatment	PPA- and consent-specific.	Consent, revised design, connectivity and PPA treatment	NRE Department; procurer; MPERC	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Executed PPA prevails where terms conflict.

Sector	Policy / programme	Objective / provision	Instrument / basis	Classification	Actual numeric term	Financial / tariff support	Implementation route	Responsible body	Official source	Tracker note
Grid	Grid-interactive metering	MPERC regulates net, group net, gross and virtual net metering for grid-interactive RE systems.	MPERC Grid Interactive Renewable Energy Systems Regulations 2024	Quantified bands	Net ≤500 kW; group net <100 kW; gross ≤1 MW; virtual net <100 kW; minimum 1 kW	Settlement and network charges differ by arrangement.	Application, feasibility, agreement, meters and commissioning	MPERC; Discoms	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf https://mperc.in/uploads/regulation_document/MPERC_ARG_39_II_i_2026_English_18_06_2026.pdf	Capacity also cannot exceed applicable sanctioned-load / contract-demand tests.
Grid	Green energy open access	Eligible consumers may procure green energy through open access and use banking subject to charges.	MPERC Green Energy OA Charges and Banking Regulations 2023	Quantified threshold	100 kW or more sanctioned load / contract demand; captive users follow applicable national rules	Transmission, wheeling, CSS, AS, standby, banking, scheduling and DSM may apply.	Connectivity, application, scheduling, metering and settlement	MPERC; MPSLDC; MPPTCL; Discoms	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Use live tariff orders for rupee rates.
Transmission	Existing network	CEA records the installed ISTS and InSTS transformation and line base.	CEA Madhya Pradesh Transmission Resource Adequacy Plan	Quantified current	At 31-Mar-2026: InSTS 85,668 MVA / 43,079 ckm; ISTS 48,375 MVA / 24,235.9 ckm	System infrastructure, not generation capacity.	Operation, reinforcement and project execution	MPPTCL; CTUIL; Grid-India; CEA	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Figures cover different voltage levels; additions below use 220 kV and above.
Transmission	Planned additions to 2030	CEA identifies reinforcements needed for demand and renewable integration.	CEA Madhya Pradesh Transmission Resource Adequacy Plan	Quantified planning	By 2030: InSTS 13,735 MVA / 3,169.7 ckm; ISTS 52,600 MVA / 5,393 ckm	Planning / under-planning quantities.	Scheme approval, tender and commissioning	MPPTCL; CTUIL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Not all elements share the same sanction or construction status.
Transmission	Planned additions 2030–35	Further InSTS expansion supports projected demand.	CEA Madhya Pradesh Transmission Resource Adequacy Plan	Quantified planning	10,470 MVA and 3,822.5 ckm, 220 kV and above	Planning quantities.	Scheme approval, tender and commissioning	MPPTCL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	MVA and circuit-km are not renewable-generation capacity.
Transmission	Operational constraints	CEA identifies contingency and area constraints with remedial substations.	CEA Madhya Pradesh Transmission Resource Adequacy Plan	Quantified programme timing	Karera and Ishanagar remedies reported under construction with SCoD 2026-27	Transmission project-specific.	Complete associated network and commission	MPPTCL; CTUIL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Schedules should be rechecked against current utility progress.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State fiscal support | Storage incentives | Green hydrogen | Biofuel | Actual Central releases

Benefits are not automatically cumulative. Registration, technology, land category, COD, eligible cost, competent approval, budget and no-double-benefit rules must be checked for each project.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
General RE project	Electricity-duty exemption	Exemption on generation of electrical energy from COD.	100% for 10 years from COD	Quantified	Eligible registered projects	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Confirm project eligibility, registration, COD and statutory order.
General RE project	Energy-development cess	No cess on power supplied by the project.	10 years from COD	Quantified	Eligible registered projects	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Confirm whether the transaction is within the express policy wording.
General RE project	Private-land stamp duty	Reimbursement on stamp duty for purchase of private project land.	50%; claim after COD / completion with documents	Quantified	Eligible developers	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Reimbursement is not an upfront waiver.
General RE project	Government land—higher priority	Government land, when available, is priced by priority category.	Generally 50% of Collector guideline value	Quantified	Priority categories specified in guidelines	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Availability, use restrictions and category proof apply.
General RE project	Government land—lower priority	Lower-priority categories receive a smaller concession.	Generally 75% of Collector guideline value	Quantified	Specified lower-priority categories	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Do not apply the policy headline 50% rebate automatically.
General RE project	Wheeling-charge waiver	Partial waiver for eligible power wheeled from the project.	50% for 5 years from COD, or as MPERC may approve	Quantified; regulatory approval caveat	Eligible registered projects	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Use current MPERC orders and the executed transaction structure.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Policy registration	Electric projects up to 1 MW	Registration-cum-facilitation fee.	₹100 per kW	Quantified fee	Eligible project applicant	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Separate from application, connectivity and other statutory charges.
Policy registration	Electric projects above 1 MW	Registration-cum-facilitation fee.	₹1 lakh per MW	Quantified fee	Eligible project applicant	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Apply the policy capacity definition and fee instructions.
Policy registration	Non-electric energy projects	Registration fee based on project investment in the DPR.	₹20,000 per ₹1 crore investment; true-up if actual is higher	Quantified fee	Eligible non-electric project	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Biofuel scheme repeats this route; verify current form and payment.
Storage-enabled RE	Registration fee relief	Additional incentive when the storage sizing test is met.	20% exemption in registration-cum-facilitation fee	Quantified	RE project with at least X/10 MWh storage for X MW	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Document the qualifying RE and storage capacities.
Storage-enabled RE	Electricity-duty exemption	Duty exemption on storage and supply under the additional package.	100% for 10 years from COD	Quantified	Qualifying storage-enabled RE project	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Confirm metering boundary and COD.
Storage-enabled RE	Private-land stamp duty	Additional storage-package reimbursement on private land.	15%	Quantified	Qualifying storage-enabled RE project	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Confirm whether and how this interacts with the general reimbursement; no double benefit.
Storage-enabled RE	Government land concession	Additional storage-package rebate on government land.	15% of circle rate	Quantified	Qualifying storage-enabled RE project	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Subject to availability and land-category rules.
Green hydrogen	Basic investment assistance	Industrial promotion assistance based on eligible fixed-capital investment.	Capped at ₹200 crore in 7 equal annual instalments	Quantified cap	Eligible green-hydrogen industrial unit	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Formula can yield a lower amount; cap is not automatic.
Green hydrogen	Infrastructure development	Assistance for power, water, gas pipeline, road, drainage and sewage to factory gate.	50%, capped at ₹5 crore	Quantified	Eligible unit on private or undeveloped government land	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Eligible cost and approval conditions apply.
Green hydrogen	Green industrialisation	Support for waste systems and zero-liquid-discharge effluent treatment.	50% up to ₹5 crore; ETP with ZLD up to ₹10 crore; 2 annual instalments	Quantified	Eligible green-hydrogen unit	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Confirm component-wise eligible cost.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Green hydrogen	IPR assistance	Reimbursement for patents, copyrights, trademarks and GI filings.	100% up to ₹10 lakh per unit for first 5 years	Quantified	Eligible unit	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Evidence of eligible expenditure and filing is required.
Solar schemes	FY 2025-26 central CFA released	Parliament reports MNRE solar-related releases to Madhya Pradesh.	₹774.44 crore: Solar Park ₹50.40 cr; PM Surya Ghar ₹574.43 cr; PM-KUSUM ₹144.82 cr; PM JANMAN ₹4.79 cr	Quantified actual release	State / implementing agencies; not direct entitlement to every project	https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars	Release amount is historical programme finance, not an open balance.
Biofuel projects	State biofuel incentive package	Industrial, duty, cess, CSS, stamp-duty and equipment support for eligible registered units.	Includes 100% duty and cess relief for 10 years; State adds 30% biomass-equipment subsidy up to ₹20 lakh over specified Central support	Quantified; conditions apply	Eligible biofuel units and equipment channels	https://invest.mp.gov.in/wp-content/uploads/2025/02/Bio-Fuel-Project_Scheme.pdf	Use the dedicated scheme; CSS relief remains subject to MPERC approval.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Net | Group net | Gross | Virtual net | Green open access | Banking | Transmission

The MPERC 2024 grid-interactive rules and 2023 green-open-access charge framework serve different transaction structures. Capacity bands and percentages are shown only where the cited instruments specify them; live rupee rates require current orders.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Net metering	All consumer categories may install a grid-interactive RE system under net metering.	Up to 500 kW; minimum 1 kW; not above sanctioned load / contract demand	Eligible consumers without pending Discom arrears	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Existing prosumers above 500 kW may continue under the saving provision.
Group net metering	Surplus from a parent consumer's RE system may be adjusted across that consumer's other eligible service connections.	Less than 100 kW; minimum 1 kW	Eligible parent consumer and connections	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Wheeling charges and losses apply; third-party RESCO can also trigger CSS and AS.
Gross metering	All generation is recorded separately and settled under the applicable tariff mechanism.	Up to 1 MW; minimum 1 kW	Eligible consumers	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Third-party sale is not allowed under this arrangement.
Virtual net metering	Generation is allocated among participating consumers in the same distribution-licensee area.	Less than 100 kW; minimum 1 kW	Eligible prosumer / developer and participating consumers	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	CSS, AS, wheeling charges and losses apply as specified.
Mutual exclusions	A prosumer cannot combine specified metering arrangements.	Net metering excludes group net; gross metering excludes virtual net	Participating prosumers	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Select the arrangement before filing.
Transformer hosting	Cumulative distributed-RE capacity is constrained by distribution-transformer capacity.	Normally not above 80% of transformer rating	All four grid-interactive arrangements	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Licensee updates available DT capacity yearly.
Net-meter energy credit	Export offsets import; surplus carries forward within the settlement period.	Billing-period carry-forward; annual reset after settlement	Net-metered prosumer	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Time-of-day imports are first matched with same-block generation.
Year-end surplus payment	Unadjusted credited units are paid after the settlement period.	By 15 November; lowest State solar / wind discovered tariff from preceding FY, with fallback	Eligible net / group / virtual arrangement as provided	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Other RE uses the applicable renewable APPC treatment.
Third-party sale	Third-party sale is restricted under consumer metering routes.	Not allowed under net, group net and gross metering	Prosumers / RESCOs	MPERC Grid Interactive RE Systems Regulations 2024	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Virtual arrangement remains subject to its own charge framework.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
PM Surya Ghar processing	The 2026 amendment simplifies specified net-meter applications under PM Surya Ghar.	No processing fee; no separate agreement; no meter-testing fee	PMSG:MBY net-meter applicants	MPERC First Amendment 2026	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC_ARG_39_II_i_2026_English_18_06_2026.pdf	Gazette notification published 19-Jun-2026; applies to qualifying PM Surya Ghar net-meter applications.
RPO accounting	Energy generated under net, group net, gross and virtual arrangements qualifies for the Discom's RPO.	Whole generation where qualifying generation meter is installed and read	Distribution licensee	MPERC First Amendment 2026	Distribution licensee; MPERC	https://mperc.in/uploads/regulation_document/MPERC_ARG_39_II_i_2026_English_18_06_2026.pdf	Where generation cannot be measured, the cited MPERC methodology applies.
Green OA eligibility	Green-energy open access applies to qualifying demand / load.	100 kW or more contracted demand / sanctioned load	Green-energy OA consumer; captive treatment as applicable	MPERC Green Energy OA Charges and Banking Regulations 2023	MPERC; nodal agency; licensees	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Meet connectivity and scheduling requirements.
Green OA charges	Applicable cost stack can include network and system-operation charges.	Transmission, wheeling, CSS, AS, standby, banking, SLDC / RLDC, scheduling and DSM	Green-energy OA consumers	MPERC Green Energy OA Charges and Banking Regulations 2023	MPERC; MPSLDC; MPPTCL; Discom	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Use live tariff and open-access orders for rupee rates.
CSS—captive / hydrogen	The regulation states express CSS exemptions for specified end uses.	No CSS for qualifying captive use or green energy used for green hydrogen / ammonia	Qualifying transactions	MPERC Green Energy OA Charges and Banking Regulations 2023	Distribution licensee; MPERC	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Captive qualification and end-use metering must be evidenced.
CSS cap	The surcharge path and absolute level are limited by the regulation.	12-year escalation protection; CSS not above 20% of average cost of supply	Qualifying green-energy OA purchase	MPERC Green Energy OA Charges and Banking Regulations 2023	MPERC; distribution licensee	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	The 12-year protection caps increases as specified; it does not exempt all OA charges.
Additional surcharge	AS applies unless an express exemption is met.	Exempt for fixed-charge-paying consumer, qualifying captive, non-fossil WTE and green hydrogen / ammonia end use	Qualifying green-energy OA consumer	MPERC Green Energy OA Charges and Banking Regulations 2023	MPERC; distribution licensee	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Confirm live order and transaction facts.
Banking cycle	Surplus green energy may be banked and drawn subject to scheduling.	3-month cycle; Discom may extend, but not beyond FY-end	Eligible green-energy OA consumers	MPERC Green Energy OA Charges and Banking Regulations 2023	Distribution licensee; MPSLDC	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	No credit carries to a later banking cycle.
Banking charge	Banking charge is deducted in kind each month.	8% of total energy banked	Eligible green-energy OA consumer	MPERC Green Energy OA Charges and Banking Regulations 2023	Distribution licensee	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Apply at the consumer end under the regulation.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Permitted banking	The regulation preserves a minimum monthly banking quantity relative to Discom consumption.	At least 30% of monthly electricity consumption from the Discom	Eligible green-energy OA consumer	MPERC Green Energy OA Charges and Banking Regulations 2023	Distribution licensee	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Wording sets a minimum permitted quantum, not a universal energy entitlement.
Banking TOD use	Peak and off-peak credits have different drawal rules.	Peak banked: peak or off-peak; off-peak banked: off-peak only; 15-minute blocks	Eligible green-energy OA banking	MPERC Green Energy OA Charges and Banking Regulations 2023	Distribution licensee; MPSLDC	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Unused energy lapses at cycle end; REC treatment remains subject to national rules.
Transmission baseline	State and inter-State networks support load growth and renewable evacuation.	31-Mar-2026: InSTS 85,668 MVA / 43,079 ckm; ISTS 48,375 MVA / 24,235.9 ckm	MP power system	CEA Transmission Resource Adequacy Plan	MPPTCL; CTUIL; Grid-India	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf https://www.mptransco.in/	Network figures are not generation capacity.
Transmission expansion	CEA plans major 220 kV-and-above additions through 2035.	By 2030: 66,335 MVA / 8,562.7 ckm across InSTS and ISTS; 2030-35 InSTS: 10,470 MVA / 3,822.5 ckm	MP power system	CEA Transmission Resource Adequacy Plan	MPPTCL; CTUIL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Planning status differs by asset; verify current sanctions and CODs.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Madhya Pradesh renewable-energy projects

Scheme amounts and windows can change. Use the linked primary source, live portal and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Madhya Pradesh tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; Madhya Pradesh Discoms	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	FY 2025-26 CFA released to MP was ₹574.43 crore; individual benefits require portal sanction.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; State implementing agencies; Discoms	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Scheme target window ended 31-Mar-2026. MNRE OM dated 28-Sep-2026 sets 30-Nov-2026 for financial closure of eligible Component A and C projects; this is a project-specific extension, not a new general sanction window. FY 2025-26 CFA released to MP was ₹144.82 crore; keep KUSUM-B capacity separate. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Solar parks	Solar Park / Ultra Mega Solar framework	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; RUMSL	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	FY 2025-26 Solar Park CFA released to MP was ₹50.40 crore. The scheme timeline was extended by MNRE on 17-Sep-2025 through 31-Mar-2029; project assistance remains sanction-specific.
Tribal / remote solar	PM JANMAN	Solar interventions for eligible PVTG habitations and households	Programme- and sanction-specific	Quantified per sanction	Ministry of Tribal Affairs; MNRE; State agencies	https://tribal.nic.in/PM-JANMAN.aspx	FY 2025-26 solar-related CFA released to MP was ₹4.79 crore.
Bioenergy	National Bioenergy Programme	Biomass, waste-to-energy and biogas components	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Madhya Pradesh tracker use
Small hydro	MNRE SHP Development Scheme	Eligible 1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified	MNRE; SECI; State nodal agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in specific calls / awards	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Check interaction with the State green-hydrogen package and no-double-benefit rules.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf	State storage targets and Morena awards are not Central subsidy sanctions.
Transmission	Green Energy Corridor	Intra-State transmission strengthening for renewable evacuation	Programme-specific grant / loan / equity mix	Quantified per sanction	MNRE; MPPTCL; lenders	https://mnre.gov.in/en/green-energy-corridor/	Use asset-level sanction and current MPPTCL status; MVA and ckm are not generation MW.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 19-Oct-2026; primary source
Installed capacity	MNRE Physical Progress portal	Publication route and national renewable-capacity context	https://mnre.gov.in/en/physical-progress/	Checked 19-Oct-2026; primary portal
State policy	Madhya Pradesh Renewable Energy Policy 2025	Capacity, storage, jobs, incentives, green hydrogen, pumps, green places and repowering	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf	Checked 19-Oct-2026; official MP Code copy
Policy implementation	Guidelines for implementation of MP RE Policy 2025	Registration fees, land priorities, project process and benefit conditions	https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Checked 19-Oct-2026; official MP Code copy
Parliament verification	Rajya Sabha Unstarred Question 306, answered 21-Jul-2026	Solar capacity comparator, commissioned RUMSL parks and FY 2025-26 CFA releases	https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars	Checked 19-Oct-2026; primary parliamentary answer
Transmission planning	CEA Madhya Pradesh Transmission Resource Adequacy Plan up to 2034-35	Allocated-share capacity, peak demand, network baseline, additions and constraints	https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Checked 19-Oct-2026; primary source
Pumped storage	CEA PSP Development status archive (latest listed Aug-2026), CEA Aug-2026 pumped-storage roadmap, and 30-Apr-2026 project status	Latest roadmap confirms Gandhisagar under construction and Indira Sagar under examination; Panari S&I and operating-project check use the 30-Apr-2026 status	https://cea.nic.in/reports/dashboardView?headingId=107&lang=en&source=archive&subHeadingId=1003&subSubHeadingId=10039&title=Status+of+Pumped+Storage+Development+in+India https://cea.nic.in/wp-content/uploads/news_live/2026/08/Roadmap_to_100_GW_of_Hydro_Pumped_Storage_Projects_3.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf	Checked 19-Oct-2026; latest listed CEA report Aug-2026; Panari stage and operating list as of 30-Apr-2026
Pumped storage	MP Scheme for Implementation of Pumped Hydro Storage	Dedicated State policy route for PHS projects	https://www.invest.mp.gov.in/wp-content/uploads/2025/02/PHS-Project-Schemes.pdf	Checked 19-Oct-2026; official Invest MP document
Solar implementation	Rewa Ultra Mega Solar portal	State project developer and solar-park programme context	https://rumsl.mp.gov.in/	Checked 19-Oct-2026; primary agency portal
Solar pipeline	RUMSL upcoming-projects portal	Current project and tender pipeline route	https://rumsl.mp.gov.in/projects-upcoming/	Checked 19-Oct-2026; primary agency portal; dynamic
Morena award	ACME Solar LoA disclosure, 10-Feb-2026	220 MW Unit II tariff, peak-supply design, SCOD and PPA term	https://www.acmesolar.in/assets/pdf/Stock-Exchange-Disclosures/10.02.2026__Regulation_30_-_Letter_of_Award_for_setting_up_a_220_MW_Solar_with_Battery_Energy_Storage_System_%28BESS%29_project_by_Rewa_Ultra_Mega_Solar_Limited.pdf	Checked 19-Oct-2026; primary company disclosure

Category	Document / authority	What it verifies	Official link	Status / date checked
Morena award	Ceigall LoA disclosure, 9-Feb-2026	220 MW Unit I tariff, construction period, operating period and project value	https://ceigall.com/wp-content/uploads/2026/02/ceigall_09022026200412_LOA_09022026_REWA.pdf	Checked 19-Oct-2026; primary company disclosure
PPP programme	ADB transaction-advisory agreement, 7-Sep-2026	Three RE PPPs, Shajapur solar+BESS and up-to-US$1bn investment expectation	https://www.adb.org/news/adb-support-development-renewable-energy-ppp-projects-madhya-pradesh	Checked 19-Oct-2026; primary multilateral source
Rooftop / distributed RE	MPERC Grid Interactive RE Systems Regulations 2024	Net, group net, gross and virtual metering bands, charges and settlement	https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf	Checked 19-Oct-2026; final regulation
Rooftop amendment	MPERC First Amendment 2026	PM Surya Ghar fee / agreement changes and RPO accounting	https://mperc.in/uploads/regulation_document/MPERC_ARG_39_II_i_2026_English_18_06_2026.pdf	Checked 19-Oct-2026; final amendment; MP Gazette notification published 19-Jun-2026
Green open access	MPERC Green Energy OA Charges and Banking Regulations 2023	100 kW threshold, charge stack, exemptions, banking cycle and 8% charge	https://code.mp.gov.in/WriteReadData/Regulation/MP%20ELECTRICITY%20REGULATORY%20COMMISSION%20GREEN%20ENERGY.pdf	Checked 19-Oct-2026; final regulation
RE tariff	MPERC RE Tariff Regulations 2024	State renewable-tariff framework and technology coverage	https://mperc.in/uploads/notice/52b4db4f8bef6fbe061abfafa3db2356.pdf	Checked 19-Oct-2026; primary Commission document
Biofuel	Scheme for implementation of Biofuel Projects in Madhya Pradesh	Eligibility, industrial incentives, duty / cess, CSS and biomass-equipment support	https://invest.mp.gov.in/wp-content/uploads/2025/02/Bio-Fuel-Project_Scheme.pdf	Checked 19-Oct-2026; official Invest MP document
State nodal agency	Commissioner, New and Renewable Energy portal	Registration, notices and implementation route	https://www.mprenewable.nic.in/	Checked 19-Oct-2026; primary agency portal
Transmission utility	MP Power Transmission Company portal	Intra-State transmission implementation and current utility information	https://www.mptransco.in/	Checked 19-Oct-2026; primary utility portal
Grid operations	MP State Load Despatch Centre portal	Scheduling, open access and system operations	https://www.mpsldc.in/	Checked 19-Oct-2026; primary SLDC portal
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme guidelines	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 19-Oct-2026; primary source
Storage	Ministry of Power energy-storage framework	Central storage policy, procurement and VGF references	https://powermin.gov.in/en/content/energy-storage-system	Checked 19-Oct-2026; primary source
Transmission	MNRE Green Energy Corridor overview	Central GEC programme framework	https://mnre.gov.in/en/green-energy-corridor/	Checked 19-Oct-2026; primary source

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar parks	MNRE Solar Parks and Ultra Mega Solar Projects	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE and Rajya Sabha comparison	Later 30-Sep-2026 solar total checked against the 21-Jul-2026 parliamentary figure; date gap retained	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars	Checked 19-Oct-2026; scopes / dates labelled
Capacity-scope cross-check	MNRE and CEA comparison	12,796.74 MW location-based versus 13,210.70 MW renewable allocated-share basis	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Checked 19-Oct-2026; not forced to reconcile
Policy cross-check	Policy and implementation guidelines	Targets, incentive headlines, registration and land-category details	https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://code.mp.gov.in/WriteReadData/Pdf/Guidelines%20for%20implementation%20of%20MPRE%20Policy%202025MPCode.pdf	Checked 19-Oct-2026; independently checked within governing package
Solar-park cross-check	Parliament answer and RUMSL portal	Rewa, Agar-Shajapur-Neemuch and Omkareshwar commissioning	https://sansad.in/getFile/annex/271/AU306_RAZpye.pdf?source=pqars https://rumsl.mp.gov.in/	Checked 19-Oct-2026; commissioned subsets not double counted
Morena cross-check	ACME and Ceigall disclosures	Two independently disclosed 220 MW awards and distinct tariffs	https://www.acmesolar.in/assets/pdf/Stock-Exchange-Disclosures/10.02.2026__Regulation_30_-_Letter_of_Award_for_setting_up_a_220_MW_Solar_with_Battery_Energy_Storage_System_%28BESS%29_project_by_Rewa_Ultra_Mega_Solar_Limited.pdf https://ceigall.com/wp-content/uploads/2026/02/ceigall_09022026200412_LOA_09022026_REWA.pdf	Checked 19-Oct-2026; awards, not operating capacity
PSP cross-check	CEA status and State PHS scheme	National stage classification versus dedicated State implementation route	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf https://www.invest.mp.gov.in/wp-content/uploads/2025/02/PHS-Project-Schemes.pdf	Checked 19-Oct-2026; stages preserved
Review convention	No capacity-stage aggregation	Targets, potentials, CFA releases, advisory projects, LoAs, S&I, under-construction and commissioned figures remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.code.mp.gov.in/WriteReadData/Pdf/M.P.Renewable%20Energy%20Policy-2025mpcode.pdf https://cea.nic.in/wp-content/uploads/2021/03/MP_RA_2034_35.pdf	Checked 19-Oct-2026; applied throughout workbook

Maharashtra Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 17 October 2026

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Synopsis

Maharashtra Renewable Energy: Policy and Investment Synopsis

Maharashtra's renewable energy framework covers solar, wind, storage, hydro and green hydrogen. It combines utility procurement, industrial supply and targeted incentives, with storage requirements shaping new projects.

1. Policy Overview

- Major policies: Renewable Energy & Energy Storage Policy 2025–26 to 2035–36; Green Hydrogen Policy 2023, as amended; Pumped Storage Policy 2023; Small Hydro and Co-located Hydro-Solar Hybrid Policy 2024; and MSKVY 2.0.
- Installed renewable capacity: 33,315.99 MW at 30 September 2026, including 20,399.93 MW solar and 6,484.81 MW wind. Rooftop solar contributes 5,978.70 MW within the solar total.
- Policy transition: Projects with in-principle grid connectivity approved before 1 April 2026 remain under the applicable earlier policy.

2. Major Commitments and Projections

- Renewable energy: Meet 50% of electricity demand by FY 2029–30 and strive towards 65% by FY 2035–36, with approximately 100 GW equivalent capacity.
- Agricultural solarisation: Around 16 GW by March 2027 under MSKVY 2.0; this remains a target.
- Renewables with storage: Contract at least 10 GW by FY 2029–30 and 25 GW by FY 2035–36.
- Other targets: 1,000 MW wind repowering and at least 500,000 tonnes annual green-hydrogen production capacity by 2030.
- Planning projections: MSEDCL-contracted pumped storage of 13,274 MW and battery storage of 9,750 MW by FY 2035–36. These are not procurement awards.

3. Investment Framework

- Solar and other renewables: New projects above 100 kW require storage of at least 50% of renewable capacity, providing two hours through FY 2029–30 and four hours thereafter. This includes open-access projects operating without banking.
- Captive supply: In-State captive renewable generation for In-State consumption receives a ten-year electricity-duty exemption with storage meeting the 50% capacity and four-hour requirement.
- Wind repowering: Qualifying competitively selected projects supplying MSEDCL receive ₹0.50/kWh for five years; eligible captive repowering receives ten-year electricity-duty exemption.
- Green hydrogen: Eligible standalone and hybrid renewable supply receives respective transmission and wheeling rebates of 50% and 60% for ten years. Electricity-duty exemptions last ten and fifteen years respectively. Green electricity used for hydrogen or ammonia production is exempt from cross-subsidy and additional surcharges.

- Anchor hydrogen projects: The first three eligible commissioned units, each at least 50,000 tonnes annually, qualify for 30% capital subsidy through competitive selection, subject to policy limits and sanction.
- Rooftop solar: Net metering permits up to 5 MW or sanctioned load/contract demand, whichever is lower.

4. Principal Implications

- Mandatory storage extends project costs and operating requirements to new industrial open-access developments.
- The ₹500 crore support for renewable-energy industry zones requires eligible public-sector participation; wholly private parks are excluded.

5. Investment Outlook

- Agricultural feeder solarisation: Utility-backed opportunities through programme tenders.
- Energy storage: Mandatory storage and transmission-linked storage targets support battery and renewable-storage projects.
- Wind and hydrogen: Wind repowering has a generation incentive; hydrogen-linked renewable supply has charge concessions.
- Hydro-solar projects: Small-hydro developers can add co-located solar using shared infrastructure under the 2024 policy.

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Overview

Maharashtra Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Capacity data updated 17 October 2026

MNRE figures are physically located in Maharashtra; CEA figures are MSEDCL-contracted resources and planning projections. Policy targets are not treated as commissioned capacity. Monetary support remains subject to eligibility, operative orders, sanctions and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Maharashtra	33,315.99 MW	About 100 GW equivalent RE capacity by FY 2035-36; 50% of electricity demand from RE by FY 2029-30 and strive toward 65% by FY 2035-36	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf
Solar—total physically installed / MSEDCL contracted	20,399.93 MW location-based; 8,424 MW MSEDCL-contracted at 31-Mar-2026	39,754 MW contracted solar plus 12,232 MW DRE in FY 2035-36 CEA projection; no single solar-only installed-capacity target in the 2026 State policy	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf
Solar—ground mounted	12,171.30 MW	Included in the CEA 39,754 MW contracted-solar projection for FY 2035-36; no separate State ground-mounted target stated	Quantified current; sub-sector target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf
Solar—rooftop	5,978.70 MW	No separate aggregate MW target in the 2026 policy; policy promotes multiple urban / industrial solar-plus-storage hubs of 100–250 MW each	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf
Solar—off-grid / PM-KUSUM-B	2,200.56 MW at 31-Jul-2026; the 30-Sep-2026 release does not report a separate Maharashtra off-grid figure	MSKVY 2.0: around 16 GW by March 2027. The September 2026 deadline for 100% daytime supply has elapsed; MSEDCL lists 1,440 MW contracted and 360 MW commissioned, which does not establish statewide target achievement.	Quantified; categories differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811158356591 8.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.mahadiscom.in/solar-mskvy/media/mskvy_2.0_gr.pdf https://www.mahadiscom.in/solar-mskvy/contracted_capacity.php
Wind physically installed	6,484.81 MW	1,000 MW wind repowering by 2030	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed / MSEDCL contracted	2,999.97 MW location-based; 2,780 MW contracted at 31-Mar-2026	3,601 MW contracted biomass in FY 2035-36 CEA projection; no separate State bio-power target in the 2026 policy	Quantified planning projection; State target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf
Hydro physically installed	3,431.28 MW: 384.28 MW small hydro + 3,047.00 MW large hydro	3,445 MW MSEDCL-contracted hydro in FY 2035-36 CEA projection; different basis	Quantified; definitions differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf
Pumped storage in Maharashtra	400 MW operational: Bhira 150 MW + Ghatghar 250 MW	7,000 MW under construction; CEA projects 13,274 MW MSEDCL-contracted PSP in FY 2035-36	Quantified	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf
Green hydrogen	Operating production capacity is not reported in the cited State policy	At least 500 kTPA green-hydrogen production capacity by 2030	Quantified target; current unquantified	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf
MSEDCL total contracted capacity	47,495 MW at 31-Mar-2026; about 50% non-fossil	128,744 MW in FY 2035-36; 77% non-fossil in the CEA resource plan	Quantified	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf
Electricity generation and demand	FY 2024-25 generation 170 BU; RE 19.6 BU excluding large hydro and about 25 BU including large hydro	FY 2035-36 demand 350–360 BU; estimated RE generation 228 BU	Quantified	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf

SHEET 3 OF 8

Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Maharashtra tracker

> *These definitions control the comparison of physical capacity, contracted capacity, policy targets, planning projections and incentives.*

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, production target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Maharashtra. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity available to MSEDCL under allocation, PPA or procurement; it is not necessarily all physically located in Maharashtra.
Policy target	A goal adopted by the Government of Maharashtra. It is not treated as a commissioned or awarded project.
Planning projection	Capacity modelled in CEA's resource-adequacy plan. It is not an award, sanction or State-policy target.
DRE	Distributed renewable energy, shown separately from contracted solar in the CEA resource plan.
ESS / BESS	Energy Storage System / Battery Energy Storage System.
PSP	Pumped Storage Project.
Green OA	Green Energy Open Access under the MERC Distribution Open Access Regulations as amended in 2023.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Each exemption is shown only where the governing instrument expressly provides it.
Net metering	Imports and exports are netted under the MERC rooftop regulations; the net-metering capacity is capped at 5 MW or sanctioned load / contract demand, whichever is lower.
Net billing	Imports are billed at the retail tariff and surplus injection is credited at the predetermined tariff.
Gross metering	All RE generation is separately metered and sold to the distribution licensee under a PPA at the predetermined tariff.
Group / virtual net metering	Group net metering allocates surplus across connections of the same consumer; virtual net metering allocates generation across participating residential consumers under the 2024 amendment.
kTPA	Thousand tonnes per annum.
BU	Billion units of electricity (billion kWh).

Term	Meaning used in this tracker
ROFR	Right of First Refusal.
DPR / S&I	Detailed Project Report / survey and investigation. Neither stage is treated as operational capacity.

SHEET 4 OF 8

Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

'Applicable provision' describes the operative treatment; 'Governing instrument' identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State RE and storage transition	Grid-connected RE and storage policy covering solar, wind, hydro, bioenergy, hybrid technologies and recognised new technologies.	Maharashtra Renewable Energy & Energy Storage Policy 2025-26 to 2035-36; GR dated 18-Mar-2026	Quantified	50% of demand from RE by FY 2029-30; strive toward 65% by FY 2035-36; about 100 GW equivalent RE capacity and 228 BU RE generation by FY 2035-36	Procurement, storage and network measures are implemented through MERC regulations, DISCOM / STU plans and project documents.	Policy implementation by Energy Department, MEDA, utilities and MERC	Energy Department; MEDA; MERC; MSEDCL; MSETCL / STU	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/09/20260903831302523.pdf	The Energy Department's September 2026 FAQ says projects with In-Principle Grid Connectivity approved before 1-Apr-2026 remain under the applicable 2015/2020 policy. For applications pending MEDA registration, projects without prior approval are governed by the new policy. The FAQ states no migration option.
Solar	Utility-scale / contracted solar	New solar procurement and deployment are part of the State's RE portfolio and MSEDCL resource plan.	Maharashtra RE & ESS Policy 2026; CEA MSEDCL Resource Adequacy Plan v3.0	Quantified planning projection	12,171.30 MW ground-mounted physically installed 30-Sep-2026; 8,424 MW contracted solar 31-Mar-2026; 39,754 MW contracted solar projected FY 2035-36	Tender / PPA and MERC-adopted tariff govern support; the cited governing instruments do not specify a general State capital subsidy.	MSEDCL / other licensee tender, connectivity and regulatory approval	Energy Department; MEDA; MSEDCL; MERC; STU	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	Installed and contracted capacity use different boundaries.
Solar	Rooftop—net metering	Eligible consumers may install rooftop or premises-based RE under net metering.	MERC Grid Interactive Rooftop RE Regulations 2019; First Amendment 2023; Second Amendment 2024	Quantified	5,978.70 MW rooftop solar physically installed 30-Sep-2026; net-metering cap 5 MW or sanctioned load / contract demand, whichever is lower	Energy credits are settled under MERC regulations; grid-support-charge treatment is order-dependent.	Online application to the distribution licensee; feasibility / deemed acceptance process	Distribution licensee; MERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://merc.gov.in/wp-content/uploads/2022/07/Grid-Interactive-RRE-Regulations2019-English.pdf https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interacti	The 2026 rooftop regulations are listed by MERC as drafts. Continue to apply the operative 2019 regulations and notified amendments until a final instrument is notified.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
									ve-RRE-Regulations.pdf https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	
Solar	Rooftop—net billing / gross metering	Net billing credits surplus injection; gross metering sells total generation to the licensee under a PPA.	MERC Grid Interactive Rooftop RE Regulations 2019 as amended in 2023 and 2024	Quantified capacity limit	Minimum system size 1 kW; capacity for arrangements other than net metering is limited to sanctioned load / contract demand	Credit / purchase tariff is the MERC-approved predetermined tariff; consumer pays system and metering costs as applicable.	Distribution-licensee web portal and connection agreement	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2022/07/Grid-Interactive-RRE-Regulations2019-English.pdf https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	Gross metering, net billing and net metering are distinct settlement arrangements.
Solar	Rooftop—group / virtual net metering	Group net metering serves multiple connections of the same consumer; virtual net metering serves participating residential consumers in a multi-storied building / housing association.	MERC Grid Interactive Rooftop RE First Amendment 2023 and Second Amendment 2024	Quantified process	Virtual sharing ratio may be changed once per financial year with 2 months' advance notice; feasibility study within 15 days; complete applications up to 10 kW deemed accepted without feasibility study	Monthly settlement; ToD generation first offsets the same time block.	Digital application and agreement with distribution licensee	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	Separate physical rooftop agreement is waived where digital acceptance meets the 30-Jun-2026 Practice Direction.
Solar	Agricultural feeder solarisation—MSKVY 2.0	Solarises agricultural load to provide daytime supply and reduce conventional power procurement.	MSKVY 2.0 GR; Maharashtra RE & ESS Policy 2026	Quantified	Around 16 GW by March 2027. The September 2026 deadline for the 100% daytime-supply target has elapsed.	Procurement / programme terms apply.	MSEDCL MSKVY 2.0 programme / tenders	MSEDCL; Energy Department	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://www.mahadiscom.in/solar-mskvy/media/mskvy_2.0_gr.pdf https://www.mahadiscom.in/solar-mskvy/contracted_capacity.php	MNRE's 2,200.56 MW off-grid / KUSUM-B figure is not the same category as MSKVY feeder capacity. MSEDCL's current progress page lists 1,440 MW contracted and 360 MW commissioned; it does not establish statewide achievement of the daytime-supply target.
Solar	Solar plus co-located storage	All new RE projects above 100 kW require storage, including projects serving Open Access consumers without banking or balancing support. Storage is generally co-located, with specified PSP exceptions.	Maharashtra RE & ESS Policy 2026; Energy Department FAQ v1.0, September 2026	Quantified	At least 10 GW contracted RE by FY 2029-30 and 25 GW by FY 2035-36; storage at least 50% of RE capacity, for at least 2 hours through FY 2029-30 and 4 hours from FY 2030-31	Tender / PPA terms; storage may be charged by RE as specified.	Competitive procurement by distribution licensees	Energy Department; MSEDCL / licensees; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/09/20260903831302523.pdf	The FAQ clarifies storage at each connectivity point for non-co-located hybrid projects and proportional storage commissioning with each RE phase. RE contracted for supply to PSP is treated separately.
Solar	Urban / industrial solar-storage hubs	Policy proposes local solar-plus-storage hubs for urban and industrial load centres.	Maharashtra RE & ESS Policy 2026	Quantified project size; aggregate target unquantified	Multiple hubs of 100–250 MW each; no aggregate number of hubs, total MW or earmarked fund stated	Project-specific procurement and network treatment.	DISCOM / STU project planning and tendering	Energy Department; MSEDCL /	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	Treat 100–250 MW as project size, not a statewide capacity target.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
								licensees; STU; MERC		
Solar	Floating / canal / reservoir / infrastructure solar	The umbrella policy permits solar and hybrid development across suitable technologies and public-sector project structures.	Maharashtra RE & ESS Policy 2026; project-specific department / tender documents	Unquantified	No separate statewide MW, year or earmarked fund stated	Project-specific tariff, connectivity and statutory approvals.	Implementing-agency tender / approval	Energy Department; MEDA; relevant asset owner; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	The cited State policy does not specify a separate target for this sub-sector.
Solar	Off-grid / distributed solar	Off-grid solar and PM-KUSUM-B capacity is tracked separately from grid-connected rooftop and utility-scale solar.	MNRE Physical Progress; applicable Central / State programme guidelines	Quantified current	2,200.56 MW off-grid / KUSUM-B physically installed 31-Jul-2026; the 30-Sep-2026 MNRE release does not report a separate Maharashtra off-grid figure; no new aggregate target stated in the 2026 State policy	Programme-specific support only.	MNRE / MEDA / MSEDCL scheme portal	MNRE; MEDA; MSEDCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811158356591 8.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://pmkusum.mnre.gov.in/	This capacity category is separate from grid-connected rooftop and feeder solarisation.
Bioenergy	Biomass and bagasse cogeneration	Biomass, bagasse and biofuel cogeneration are eligible RE sources; tariff / PPA / OA treatment follows the current regulatory framework.	Maharashtra RE & ESS Policy 2026; MERC RE Tariff Regulations 2019; applicable legacy sanctions	Quantified current and planning projection	2,907.30 MW biomass power / bagasse cogeneration plus 16.40 MW non-bagasse cogeneration installed 30-Sep-2026; 3,601 MW contracted biomass projected FY 2035-36	No blanket State capital subsidy or aggregate target in the 2026 policy. Central CFA was under National Bioenergy Programme Phase I (1-Apr-2021 to 31-Mar-2026); BioURJA stopped new biomass applications after 31-Dec-2025 until further notice.	MEDA registration where required; DISCOM PPA or OA; statutory approvals	MEDA; MERC; MSEDCL / licensee; MPCB	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://new.merc.gov.in/regulation_type/current-regulations-renewable-energy/ https://biourja.mnre.gov.in/about-the-programme	Legacy 2008/2014 targets are not presented as current targets.
Bioenergy	Waste-to-energy	Non-fossil waste-to-energy is recognised as RE and may sell through PPA / OA subject to current rules.	Maharashtra RE & ESS Policy 2026; MERC Distribution OA Second Amendment 2023	Quantified current	12.59 MW grid-connected WTE plus 63.68 MW off-grid WTE installed 30-Sep-2026; no separate current State MW target	CSS and additional surcharge remain inapplicable for qualifying non-fossil WTE open-access supply under the 2023 amendment. National Bioenergy Programme Phase I ended 31-Mar-2026; BioURJA stopped new WTE applications after 31-Dec-2025 until further notice.	ULB / concession, MPCB approvals, grid connectivity and PPA / OA	ULB; MPCB; MERC; distribution licensee	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf https://biourja.mnre.gov.in/about-the-programme	Confirm non-fossil qualification and transaction structure.
Bioenergy	Biogas / CBG / biofuels	Biofuel, biomass conversion and biogas routes fall within the State's recognised renewable-energy scope; green hydrogen may also be produced through eligible biomass conversion.	Maharashtra RE & ESS Policy 2026; Maharashtra Green Hydrogen Policy 2023; Central National Bioenergy Programme	Unquantified State rollout	The current RE policy does not specify a separate State plant-count, TPD target or earmarked fund	National Bioenergy Programme Phase I ran 1-Apr-2021 to 31-Mar-2026. BioURJA states that new Biomass and Waste-to-Energy applications stopped after	Check the relevant central component and any live application notice, alongside MEDA registration and statutory clearances.	MNRE; MEDA; MPCB; local authority	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Bio-power capacity in MW and CBG / fuel-production capacity are separate. Do not treat the BioURJA Biomass / WTE closure notice as

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
						31-Dec-2025 until further notice; that notice does not establish the application status of every biogas component.			https://mnre.gov.in/en/bio-energy-overview/ https://biouria.mnre.gov.in/about-the-programme	confirmation of biogas-component status.
Hydro	Small hydro up to 25 MW	Government / semi-government small-hydro sites are developed through PPP on a build-operate-transfer basis.	WRD Policy for Development of SHPs / Co-located Hydro-Solar Hybrid, GR 8-Oct-2024	Quantified	Scope up to 25 MW per project; 40-year BOT from COD; normal commissioning period 24 months from site handover; 384.28 MW State SHP installed 30-Sep-2026	Tariff, wheeling, transmission and banking follow MERC regulations / orders.	Competitive bidding or developer-identified site route through WRD / Irrigation Development Corporation	Water Resources Department; IDC; MERC; STU / licensee	https://wrd.maharashtra.gov.in/Site/Upload/PDF/SHP%20Policy%20dt08102024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	The older 380 MW by 2025 target was historical; latest MNRE capacity is 384.28 MW.
Hydro	Co-located hydro-solar hybrid	The 2024 WRD policy permits solar at allotted SHP sites to use shared infrastructure.	WRD SHP / Co-located Hydro-Solar Hybrid Policy 2024	Quantified term; target unquantified	Solar processing fee ₹1 lakh/MW or part; co-location term 25 years for new SHPs; no aggregate MW or earmarked fund stated	Tariff and grid treatment follow MERC rules / orders.	Application to WRD / concerned IDC after SHP allotment	WRD; IDC; MERC; STU / licensee	https://wrd.maharashtra.gov.in/Site/Upload/PDF/SHP%20Policy%20dt08102024.pdf	Confirm the supplementary agreement and connection arrangement.
Hydro	Large hydro	Large hydro contributes to the State's total renewable / non-fossil portfolio and MSEDCL resource plan.	Maharashtra RE & ESS Policy 2026; CEA resource plan	Quantified current	3,047.00 MW large hydro physically installed 30-Sep-2026; total contracted hydro rises from 2,998 MW in FY 2025-26 to 3,445 MW in FY 2035-36	Project-specific allocation / PPA and regulatory treatment.	Government / utility project and regulatory approval	Energy Department; Water Resources Department; CEA; MERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf	CEA contracted hydro combines categories and is not the State's location-based large-hydro capacity.
Pumped storage	PSP development framework	PSPs, PSP-cum-lift-irrigation and co-located PSP-solar / other RE hybrids may be developed through the policy's categories and approval routes.	Maharashtra PSP Policy, GR 20-Dec-2023, read with WRD Corrigendum 31-Jul-2024; Maharashtra RE & ESS Policy 2026	Quantified operating / pipeline capacity	400 MW operational; 7,000 MW under construction; 3,300 MW DPR-concurred but not under construction; 1,200 MW under CEA examination at 30-Apr-2026	Project economics and offtake are bid / PPA-specific.	WRD / IDC / Energy Department route; Category-specific MoUs and approvals under the corrected policy; DPR and CEA concurrence as applicable	WRD; Energy Department; CEA; STU; MERC; licensee	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/20231220162121142 7.....pdf https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/20240731181703462 7....pdf	Pipeline stages are not added to operational capacity.
Pumped storage	Distribution-licensee ROFR	A distribution licensee receives a right of first refusal for proposed PSP power.	Maharashtra PSP Policy 2023 as clarified by Maharashtra RE & ESS Policy 2026	Quantified deadline	Licensee must decide within 30 days of a formal offer; silence after 30 days is deemed refusal	PPA / tariff remains subject to procurement and regulatory approval.	Formal offer to distribution licensee followed by alternative sale route if refused	Distribution licensee; Energy Department; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	A deemed refusal is not a project approval.
Pumped storage	MSEDCL capacity plan	CEA models PSP as a major firming resource in MSEDCL's least-cost portfolio.	CEA MSEDCL Resource Adequacy Plan v3.0	Quantified planning projection	250 MW contracted PSP at 31-Mar-2026; 13,274 MW projected FY 2035-36; additional requirement includes 9,200 MW of 6-hour PSP	Planning input, not a sanction or procurement award.	MSEDCL procurement and approval process	MSEDCL; MERC; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf	MSEDCL-contracted PSP and Maharashtra location-based PSP capacity are reported on separate bases.
Wind	Existing / new wind	Wind remains an eligible RE source under procurement, OA and forecasting / scheduling rules.	Maharashtra RE & ESS Policy 2026; MERC RE and forecasting regulations	Quantified current	6,484.81 MW physically installed 30-Sep-2026; no separate new-wind	Tariff / PPA / OA treatment is project-specific.	MEDA / STU connectivity, PPA or OA and MSLDC scheduling	MEDA; MSLDC; STU; MERC; licensee	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Wind contracted within hybrid procurement is reported separately.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
					installed-capacity target stated				https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://new.merc.gov.in/regulation_type/current-regulations-renewable-energy/	
Wind	Repowering	Repowers old / low-capacity wind sites to improve output and network use.	Maharashtra RE & ESS Policy 2026	Quantified	Target 1,000 MW by 2030; NIWE-estimated repowering potential just over 3 GW	Competitive-bid sale to MSEDCL: State incentive ₹0.50/kWh for first 5 years; captive repowering: electricity-duty exemption for first 10 years.	MEDA / MSEDCL scheme or captive project approval and grid process	Energy Department; MEDA; MSEDCL; MERC; STU	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	Confirm repowering eligibility, baseline turbine and commissioning conditions.
Wind / solar	Hybrid / FDRE	Wind-solar hybrid and firm / dispatchable RE are used for contracted supply and resource adequacy.	Maharashtra RE & ESS Policy 2026; CEA MSEDCL Resource Adequacy Plan v3.0	Quantified planning projection	MSEDCL hybrid capacity 355 MW at 31-Mar-2026 and 11,344 MW projected FY 2035-36; FDRE 1,468 MW projected FY 2035-36	Bid / PPA-specific tariff and storage obligations.	Competitive procurement and MERC adoption / approval	MSEDCL; MERC; Energy Department	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	CEA values are planning projections, not State-policy technology targets.
Storage	Energy-storage obligation	State aims to meet part of demand through stored energy sourced predominantly from RE.	Maharashtra RE & ESS Policy 2026	Quantified	At least 10% of electricity demand by FY 2035-36; at least 85% of stored energy from RE annually; equivalent estimate about 100 GWh/day or 20 GW at 5 hours	Implementation through procurement and MERC-aligned resource planning.	DISCOM / STU procurement and regulatory approval	Energy Department; MSEDCL / licensees; MERC; STU	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	The 20 GW / 100 GWh equivalence is a policy estimate, not commissioned capacity.
Storage	Transmission-linked storage	Storage is planned at substations and transmission nodes for congestion relief, system support and RE integration.	Maharashtra RE & ESS Policy 2026	Quantified	4 GWh by FY 2029-30 and 10 GWh by FY 2035-36	Project-specific investment / tariff treatment.	STU transmission planning, procurement and MERC approval	MSETCL / STU; MSLDC; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	Energy capacity is GWh, not MW.
Storage	Distributed ESS	Behind-the-meter, community and distribution-level storage should form part of the State's storage portfolio.	Maharashtra RE & ESS Policy 2026	Quantified share	About 10% of the total storage / ESO target; no separate MW or GWh figure stated	Programme / tariff and aggregation terms to be developed.	DISCOM programme / aggregation / regulatory route	Energy Department; distribution licensees; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	The 10% is a portfolio share, not a subsidy rate.
Storage	BESS in MSEDCL resource plan	CEA models grid-scale BESS capacity for adequacy and balancing.	CEA MSEDCL Resource Adequacy Plan v3.0	Quantified planning projection	90 MW contracted BESS at 31-Mar-2026; 9,750 MW projected FY 2035-36; additional requirement includes 7,000 MW of 4-hour BESS	Planning input; procurement and VGF are scheme / tender-specific.	MSEDCL / SECI or other procurer tender and MERC approval	MSEDCL; MERC; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf	Track MW and duration / MWh together.
Storage	Thermal-RE / ESS bundling	Policy promotes bundling of existing thermal power with RE / ESS to improve supply profile.	Maharashtra RE & ESS Policy 2026	Quantified	2,000 MW by FY 2029-30 and 5,000 MW by FY 2035-36	Procurement and dispatch treatment per project / regulatory approval.	Utility bundling plan and procurement	Energy Department; generators; MSEDCL / licensees; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	This is bundled supply capacity, not new standalone RE capacity.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	Production target	Supports green hydrogen and derivatives produced using 100% RE electricity or eligible biomass pathways.	Maharashtra Green Hydrogen Policy 2023	Quantified	At least 500 kTPA production capacity by 2030; policy effective to 31-Mar-2030 or until a new policy	Project incentives depend on pathway, RE configuration and approval.	MEDA registration / single-window plus project and statutory approvals	Energy Department; MEDA; Industries Department; MERC; MPCB	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Production capacity is not electrolyser nameplate MW.
Green hydrogen	Anchor and experimental anchor units	First three commissioned anchor projects (minimum 50 kTPA) and experimental anchor projects up to 30 kTPA; selected through competitive bidding.	Maharashtra Green Hydrogen Policy 2023, as amended 30-Sep-2024 and 27-May-2025; Methodology Part 1 amendment 6-Feb-2025	Quantified	Anchor: 30% capital-cost subsidy up to 300 kTPA. Experimental anchor: 15% subsidy up to 30 kTPA. Both categories: 50% transmission / wheeling exemption for 20 years; 100% electricity-duty exemption for 15 years; 100% stamp-duty exemption.	Subject to the applicable industrial incentive framework, project registration, competitive selection and implementation methodology.	Anchor sequencing and approval by the policy committees / nodal agency	Energy Department; MEDA; Industries Department; MERC	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Obtain written confirmation of anchor status before benefit modelling.
Green hydrogen	Standalone RE supply	Eligible standalone RE supplies electricity to a green-hydrogen / derivative project.	Maharashtra Green Hydrogen Policy 2023; MERC implementation	Quantified	50% intra-State transmission and wheeling rebate for 10 years; 100% electricity-duty exemption for 10 years	CSS / additional-surcharge relief is subject to the policy and operative MERC framework.	MEDA approval, connectivity / OA and MERC / licensee implementation	MEDA; MERC; STU; MSLDC; licensee	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	MERC's 2023 OA amendment expressly exempts CSS and AS for green energy used to produce green hydrogen / ammonia.
Green hydrogen	Hybrid RE supply	Eligible hybrid RE supplies electricity to a green-hydrogen / derivative project.	Maharashtra Green Hydrogen Policy 2023; MERC implementation	Quantified	60% intra-State transmission and wheeling rebate for 10 years; 100% electricity-duty exemption for 15 years	Other charges and losses follow the applicable order / connection structure.	MEDA approval, connectivity / OA and regulatory implementation	MEDA; MERC; STU; MSLDC; licensee	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	Verify the policy definition of hybrid configuration for the project.
Green hydrogen	Mobility / fuel-cell vehicles	Supports early deployment of green-hydrogen fuel-cell passenger vehicles by State / local public transport bodies.	Maharashtra Green Hydrogen Policy 2023	Quantified	First 500 vehicles: 30% capital support capped at ₹60 lakh per vehicle; maximum 50 vehicles per government / semi-government / local body	Capital support subject to approval and budget availability.	Application under policy implementation mechanism	MEDA; Transport Department; eligible public body	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Only eligible passenger vehicles and beneficiaries qualify.
Green hydrogen	Refuelling stations	Supports early green-hydrogen refuelling infrastructure.	Maharashtra Green Hydrogen Policy 2023	Quantified	First 20 stations: 30% capital support capped at ₹4.50 crore per station; maximum 4 stations per beneficiary / group	Capital support subject to approval.	MEDA / policy committee application	MEDA; Energy Department; relevant safety authorities	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Confirm station commissioning sequence and eligible capital cost.
Green hydrogen	Pipeline transport	Supports dedicated green-hydrogen transport pipelines.	Maharashtra Green Hydrogen Policy 2023	Quantified	Capital support ₹2.5 crore/km, maximum 10 km/project and maximum 30% of capital cost; statewide ceiling 50 km	Term-loan interest subsidy 1% for up to 10 years; up to 10 km per beneficiary; statewide ceiling 50 km.	Project approval and statutory / safety clearances	MEDA; Energy Department; relevant pipeline and safety authorities	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Apply both per-project and statewide caps.
Cross-sector	Green open-access scale-up	Policy promotes long-term Green OA for industrial and commercial demand.	Maharashtra RE & ESS Policy 2026; MERC Distribution OA Second Amendment 2023	Quantified	5 GW / 10 BU by FY 2029-30 and 10 GW / 20 BU by FY 2035-36	Current eligibility starts at 100 kW aggregated in the same electricity circle for MSEDCL; captive users have no load limit.	GOAR / MSLDC / STU / licensee OA process	MERC; MSLDC; STU; distribution licensee	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159l.pdf https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	MW and annual BU are both policy targets.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	RE Industry Zones	Eligible REIZ/Park Developer forms are State PSUs, joint ventures between State and Central PSUs, or PPPs involving a State PSU. Wholly private parks are ineligible for the policy budget support.	Maharashtra RE & ESS Policy 2026	Quantified	Minimum 100 MW per zone; aggregate State budget support ₹500 crore to designated agencies	Budget support is agency / project-specific.	Designation and implementation by State agencies	Energy Department; MEDA; MSETCL / STU; designated agencies	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/09/20260903831302523.pdf	The September 2026 FAQ confirms wholly privately funded RE parks are not eligible for the ₹500 crore State support. Designation and project sanction remain necessary.
Cross-sector	R&D / Innovation / Start-up Centre	State-level centre for RE and storage research, pilots, testing and start-up support.	Maharashtra RE & ESS Policy 2026	Quantified	Budget grant ₹100 crore per year for 3 years	Grant subject to budget sanction and implementation guidelines.	Energy Department programme / implementing agency	Energy Department; MEDA; academic / technical partners	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/20260513125789159 1.pdf	The policy states the annual grant and three-year period; annual releases remain subject to sanction.
Green hydrogen	Policy cell, skills and single window	Dedicated administrative capacity, workshops, skilling and single-window implementation.	Maharashtra Green Hydrogen Policy 2023	Quantified	₹4 crore per year for 10 years	Budgetary provision subject to annual sanction.	Energy Department / MEDA implementation	Energy Department; MEDA	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf	Centre of Excellence funding is facilitation-fee / grant-based; no fixed CoE amount is stated.

SHEET 5 OF 8

Financial Support

Incentives, charge treatment and quantified programme support

Benefits are not automatic entitlements: verify the live implementing order, project eligibility, sanction and available allocation.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Wind repowering—sale to MSEDCL	Qualifying repowered wind project selected through competitive bidding	State generation incentive	₹0.50/kWh for first 5 years	Quantified	Maharashtra RE & ESS Policy 2026	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	Confirm bid route, commissioning and repowering eligibility.
Wind repowering—captive	Qualifying captive repowered wind project	Electricity-duty exemption	First 10 years	Quantified	Maharashtra RE & ESS Policy 2026	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	Eligibility depends on captive qualification and in-State consumption under the governing instrument.
Captive Green OA with storage	In-State captive RE supplying in-State consumption with storage at least 50% of contracted RE capacity for 4 hours	Electricity-duty exemption	10 years	Quantified	Maharashtra RE & ESS Policy 2026	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	Check storage sizing, captive tests and commissioning conditions.
ESS connected to State network	Intermediate storage connected to InSTS / distribution network, with stored electricity consumed in Maharashtra	Policy provides exemption from transmission charges, distribution demand / wheeling charges, electricity duty and CSS	No fixed expiry stated in the policy provision	Unquantified period	Maharashtra RE & ESS Policy 2026; MERC implementation	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	End-consumer tariff remains payable; verify operative MERC order and transaction structure.
Green hydrogen—standalone RE	Eligible standalone RE supply	50% intra-State transmission / wheeling rebate; 100% electricity-duty exemption	10 years	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	CSS / AS treatment follows the policy and operative MERC regulation.
Green hydrogen—hybrid RE	Eligible hybrid RE supply	60% intra-State transmission / wheeling rebate; 100% electricity-duty exemption	T&W: 10 years; electricity duty: 15 years	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Confirm hybrid eligibility and metering configuration.
Green hydrogen—anchor and experimental anchor units	First three eligible anchor units (≥50 kTPA) and experimental anchor units up to 30 kTPA; selected through competitive bidding	Capital and non-capital benefits	Anchor: 30% capital subsidy up to 300 kTPA; experimental anchor: 15% capital subsidy up to 30 kTPA. Both categories: 100% electricity-duty exemption for 15 years; 50% transmission and wheeling exemption for 20 years; 100% stamp-duty exemption.	Quantified	Maharashtra Green Hydrogen Policy 2023, as amended 30-Sep-2024 and 27-May-2025; Methodology Part 1 amendment 6-Feb-2025	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Subject to competitive selection, project registration, eligibility conditions, implementation methodology and sanction.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Green hydrogen blending	Green hydrogen blended into CNG / PNG	Production / blending support	₹50/kg for 5 years	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Verify eligible quantity, metering and offtake.
Fuel-cell passenger vehicles	First eligible vehicles of State / local public transport bodies	Capital support	30% of capital cost, cap ₹60 lakh/vehicle; first 500 vehicles; maximum 50 per body	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Approval and commissioning sequence apply.
Hydrogen refuelling stations	First eligible stations	Capital support	30% of capital cost, cap ₹4.50 crore/station; first 20; maximum 4 per beneficiary / group	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Safety and statutory approvals remain required.
Hydrogen pipeline	Eligible dedicated green-hydrogen transport pipeline	Capital support	₹2.5 crore/km; maximum 10 km/project; maximum 30% of capital cost; statewide ceiling 50 km	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Apply the lowest applicable cap.
Hydrogen transport loan	Eligible term loan for green-hydrogen transport	Interest subsidy	1%; up to 10 years; up to 10 km/beneficiary; statewide ceiling 50 km	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Loan sanction and eligible principal must be confirmed.
Green-hydrogen implementation	Policy cell, workshops, skills and single window	Budget provision	₹4 crore/year for 10 years	Quantified	Maharashtra Green Hydrogen Policy 2023	https://www.mahaurja.com/meda/data/other/GHPolicy2023.pdf https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Subject to annual budget sanction.
RE R&D / innovation centre	State centre for RE and storage research / pilots / start-ups	Budget grant	₹100 crore/year for 3 years	Quantified	Maharashtra RE & ESS Policy 2026	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/202605131257891591.pdf	Subject to implementing guidelines and budget releases.
RE Industry Zones	Designated State REIZ/Park Developer: State PSU; joint venture between State and Central PSUs; or PPP involving a State PSU. Wholly private parks are ineligible for State budget support.	Aggregate State budget support	₹500 crore to designated State agencies	Quantified	Maharashtra RE & ESS Policy 2026	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/202605131257891591.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/09/20260903831302523.pdf	The September 2026 Energy Department FAQ excludes wholly privately funded parks. Project allocation and sanction are required; land provisions excluded.
Small hydro—early commissioning	SHP commissioned before the scheduled date	Exemption from intake-maintenance charges for net export until the scheduled commissioning date	Duration equals early-commissioning period	Quantified by project schedule	WRD SHP / Co-located Hydro-Solar Hybrid Policy 2024	https://wrd.maharashtra.gov.in/Site/Upload/PDF/SHP%20Policy%20dt08102024.pdf	The 2024 policy does not specify a general capital subsidy for these projects.
Residential rooftop solar	Eligible residential rooftop installation	Central financial assistance	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at application / sanction	PM Surya Ghar: Muft Bijli Yojana	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use the live portal / sanction; do not combine with gross-metering revenue.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Biomass programme	Eligible biomass briquette / pellet and power / cogeneration projects	Central financial assistance	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	MNRE National Bioenergy Programme	https://biourja.mnre.gov.in/public/downloadables/scheme/Revision_of_Guidelines_Biomass_Program_27_06_2025.pdf https://biourja.mnre.gov.in/about-the-programme	Existing sanctions remain sanction-specific. Proposals received on or after 10-Oct-2024 were to be considered after Phase II budget approval. Do not describe the closed application window as current support availability. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Separate biogas-component application status applies.
Small hydro central scheme	Eligible 1–25 MW project	Central financial assistance	20% of lower of actual or CERC normative project cost in ordinary areas, capped at ₹20 crore; FY 2026-27 to FY 2030-31	Quantified	MNRE SHP Development Scheme	https://nrep.mnre.gov.in/guidelines-shp	Location category, allocation and sanction control eligibility.

SHEET 6 OF 8

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Gross metering | Net billing

This sheet separates enforceable MERC rules from State-policy proposals. Rates are shown only where a current official order specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green open-access eligibility	Consumer / entity may source green energy through OA when contracted demand or sanctioned load meets the threshold; captive users have no load limit.	100 kW or more, including multiple connections aggregated in the same MSEDCL electricity circle; no load limit for captive	Green OA consumers	MERC Distribution OA Second Amendment Regulations 2023	MERC; MSLDC for short-term; STU for medium / long-term; licensee	https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	MERC lists Draft Distribution Open Access Regulations, 2026 for consultation; the notified 2016 regulations and 2023 amendment remain the operative references pending final notification.
Green OA quantity lock-in	Green OA consumer shall not vary the quantum sourced through OA for the minimum prescribed time blocks.	Minimum 12 time blocks	Green OA consumers	MERC Distribution OA Second Amendment Regulations 2023	MSLDC; STU; licensee	https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	Operational scheduling and meter requirements also apply.
Green OA banking	Banking charge is adjusted in kind; unused balance lapses at the end of each banking cycle.	8% of banked energy	Eligible RE OA transactions	MERC Distribution OA Regulations 2016 as amended in 2023	MERC; MSLDC; licensee	https://new.merc.gov.in/regulation_type/current-regulations-open-access/ https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	A lapsed balance may support REC entitlement as provided by the amendment.
CSS / additional surcharge—green hydrogen	No CSS or additional surcharge when green energy is used to produce green hydrogen or green ammonia.	No expiry stated in the 2023 OA amendment	Qualifying green-hydrogen / green-ammonia OA use	MERC Distribution OA Second Amendment Regulations 2023	MERC; licensee	https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	This is an express regulatory exemption; verify the energy-use and metering chain.
CSS / additional sur charge—non-fossil WTE	No CSS or additional surcharge for electricity from non-fossil waste-to-energy supplied to OA consumers.	No expiry stated in the 2023 amendment	Qualifying WTE OA supply	MERC Distribution OA Second Amendment Regulations 2023	MERC; licensee	https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf	Confirm non-fossil qualification.
ESS charge treatment	Policy exempts specified network and statutory charges for intermediate storage connected to the State network when stored energy is consumed in Maharashtra.	No fixed period stated	Eligible ESS	Maharashtra RE & ESS Policy 2026; requires MERC / utility implementation	Energy Department; MERC; STU; MSLDC; licensee	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/202605131257891591.pdf	Do not treat as self-executing where an implementing order / procedure is required. MERC Draft BESS Regulations, 2026 are under consultation and are not operative regulations.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
MSLDC registration / connection fee	One-time fee for users connecting to the intra-State transmission system.	₹20,000 per connection	Generating companies, distribution licensees and transmission OA users	MERC MSLDC MYT Order, Case 186 of 2024, dated 28-Mar-2025	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Approved for FY 2025-26 to FY 2029-30.
MSLDC scheduling fee	Daily scheduling fee for intra-State short-term OA transactions.	₹2,250 per day	Intra-State STOA	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Approved for FY 2025-26 to FY 2029-30.
MSLDC rescheduling fee	Fee for revision after day-ahead schedule finalisation / applicable non-submission.	₹1,000 per revision	Scheduled State entities / transactions	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Approved for FY 2025-26 to FY 2029-30.
MSLDC STOA application fee	Processing fee per short-term open-access application.	₹7,500 per application	STOA applicants	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Approved for FY 2025-26 to FY 2029-30.
MSLDC REC application fee	Processing fee per Renewable Energy Certificate application.	₹1,000 per application	REC applicants	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Approved for FY 2025-26 to FY 2029-30.
MSLDC monthly charge	Monthly charge allocated to transmission system users by capacity rights.	FY 2026-27: ₹928.91/MW/month; FY 2027-28: ₹996.66; FY 2028-29: ₹1,038.94; FY 2029-30: ₹1,060.81	Transmission system users	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Partial-OA treatment follows the order's allocation methodology.
Forecasting / scheduling / DSM	Solar and wind generators must follow the current State forecasting, scheduling and deviation-settlement framework.	Tolerance / charge bands per current MERC regulation and approved procedure	Grid-connected solar and wind as applicable	MERC Forecasting, Scheduling and DSM Regulations 2018; First Amendment 2024	MSLDC; QCA; MERC	https://new.merc.gov.in/regulation_type/current-regulations-renewable-energy/	Do not apply solar / wind deviation bands to other technologies without checking the instrument.
Net metering	Imports and exports are netted under the rooftop regulations.	1 kW minimum; 5 MW or sanctioned load / contract demand, whichever is lower	Eligible consumers	MERC Rooftop RE Regulations 2019; First Amendment 2023	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2022/07/Grid-Interactive-RRE-Regulations2019-English.pdf https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf	Current regulatory cap differs from the indicative small-consumer framework proposed in the 2026 State policy.
Net billing	Consumer pays retail tariff for grid imports and receives credit for surplus injection at the predetermined tariff.	Capacity limited to sanctioned load / contract demand	Eligible consumers	MERC Rooftop RE Regulations 2019 as amended in 2023	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2022/07/Grid-Interactive-RRE-Regulations2019-English.pdf https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf	Use the current tariff / order, not a policy illustration.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Gross metering	Total RE generation is separately metered and sold to the distribution licensee under a PPA.	Capacity limited to sanctioned load / contract demand	Eligible consumers	MERC Rooftop RE First Amendment 2023 and Second Amendment 2024	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	An additional check meter is required for the generation meter.
Group net metering	Surplus generation is allocated among service connections of the same consumer in the stated priority / sharing ratio.	Monthly adjustment; no separate aggregate MW target	Same consumer, same distribution-licensee area	MERC Rooftop RE First Amendment 2023	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf	Connection-level eligibility and capacity limits continue to apply.
Virtual net metering	Generation / surplus is allocated to participating residential consumers and their common connection.	Sharing ratio change once per FY with 2 months' notice; monthly settlement	Participating residential consumers in eligible multi-storied building / association	MERC Rooftop RE Second Amendment 2024	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	Each participating consumer remains subject to the applicable eligibility limit.
Rooftop feasibility	Distribution licensee must complete feasibility study within the regulatory timeline; complete small applications receive deemed acceptance.	15 days; applications up to 10 kW deemed accepted without feasibility study	Eligible rooftop RE applications	MERC Rooftop RE Second Amendment 2024	Distribution licensee	https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	Grid augmentation may still be required under the Supply Code.
Digital rooftop agreement	Digital acceptance of model terms satisfies the agreement requirement; a separate physical agreement is not required.	Effective 30-Jun-2026	All Maharashtra distribution licensees; PMSGY and other online rooftop applications	MERC Practice Direction dated 30-Jun-2026	Distribution licensee; MERC	https://merc.gov.in/wp-content/uploads/2026/06/Practice-Direction_Waving-off-requirement-of-seperate-Net-Metering-Agreement-30-06-2026.pdf	The agreement itself remains; only the separate physical execution is waived.
Proposed small-consumer framework	The 2026 policy asks MERC to consider concessional net metering / net billing and optional Green OA by capacity band.	Up to 3 kW concessional net metering; 3–10 kW net metering; 10–100 kW net billing or optional Green OA	Small consumers if and when implemented	Maharashtra RE & ESS Policy 2026; future MERC implementation	MERC; distribution licensees	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	Policy proposal only; use current MERC regulations until amended.
Minimum ESS connectivity	Policy sets a minimum capacity for ESS connectivity to the intra-State transmission system.	5 MW	ESS seeking InSTS connectivity	Maharashtra RE & ESS Policy 2026	STU; MSLDC; MERC	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/2026051312578915 91.pdf	Technical connectivity requirements remain applicable.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Maharashtra renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Maharashtra tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at application / sanction	MNRE; distribution licensee; MEDA	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Use with MERC net / gross / net-billing rules as applicable.
Agricultural solar	PM-KUSUM	Solar pumps, decentralised plants and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; MEDA; MSEDCL	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep KUSUM-B installed capacity separate from MSKVY feeder-solar targets. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Agricultural solar	Mukhyamantri Saur Krushi Vahini Yojana 2.0	Daytime agricultural supply through feeder solarisation	Around 16 GW by March 2027; the September 2026 deadline for 100% daytime agricultural supply has elapsed.	Quantified	MSEDCL; Energy Department	https://www.mahadiscom.in/solar-mskvy/media/mskvy_2.0_gr.pdf https://www.mahadiscom.in/solar-mskvy/contracted_capacity.php	MSEDCL lists 1,440 MW contracted and 360 MW commissioned; this programme progress page does not establish statewide completion of the daytime-supply target. Track commissioned, awarded and target capacity separately.
Bioenergy	National Bioenergy Programme	Biomass, waste-to-energy and biogas components	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated implementing agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	MNRE SHP Development Scheme	1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified	MNRE	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/upl	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Maharashtra tracker use
						oads/2026/05/202605151467413059.pdf	window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Wind	MNRE wind programme / repowering framework	Resource assessment, standards and repowering policy	National support / regulatory treatment as notified; State repowering incentive shown separately	Unquantified for new Maharashtra wind	MNRE; NIWE; MEDA	https://mnre.gov.in/en/wind-overview/	Use State policy for the 1,000 MW by 2030 repowering target.
Green hydrogen	National Green Hydrogen Mission	Production, electrolyser manufacturing, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in specific calls / awards	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Check double-funding and project-specific award.
Storage	Central BESS / PSP procurement and VGF frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; SECI / procurer	https://cea.nic.in/wp-content/uploads/hpi/2026/04/PSP_Development.pdf	CEA status and MSEDCL plan are planning / stage sources, not subsidy sanctions.
Hybrid / FDRE	Competitive procurement guidelines and tenders	Wind-solar hybrid, RTC / FDRE and co-located storage	Tariff and contracted MW per bid / PPA	Quantified per procurement	MSEDCL / SECI / intermediary procurer; MERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf	Separate awarded capacity from CEA planning projections.

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Sources

Primary Sources and Department Links

Policies, regulations, capacity data and responsible-government entry points

Primary government, regulator and utility sources for the tracker. Current location-based capacity figures use MNRE's release as at 30 September 2026; regulatory and policy provisions are identified with their respective instrument dates.

Category	Document / authority	What it verifies	Official link	Status / date checked
State policy	Maharashtra Renewable Energy & Energy Storage Policy 2025-26 to 2035-36	Current umbrella policy, RE-demand goals, storage targets, transition rules, REIZ eligibility and implementation clarifications	https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/05/202605131257891591.pdf https://cdnbbsr.s3waas.gov.in/s3c0af6df3a5a0ba53004ab39704a9a7f6/uploads/2026/09/20260903831302523.pdf	GR dated 18-Mar-2026; FAQ v1.0 dated Sep-2026; checked 18-Oct-2026
Policy landing page	Maharashtra Energy Department policy page	Official publication and policy identity	https://energy.maharashtra.gov.in/en/document/maharashtra-renewable-energy-energy-storage-policy-2025-26-to-2035-36/	Accessed 17-Oct-2026
Current capacity	MNRE Physical Progress—state-wise installed capacity	Location-based solar sub-sectors, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Data as at 30-Sep-2026; accessed 17-Oct-2026
Capacity register	MNRE Physical Progress page	Latest official capacity-release entry point	https://mnre.gov.in/en/physical-progress/	Accessed 17-Oct-2026
Contracted capacity	CEA Long-Term Distribution Resource Adequacy Plan for MSEDCL, v3.0	47,495 MW baseline and projections through FY 2035-36 by resource	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/05/LT_DRAP_of_MSEDCL_2026_27_to_2035_36.pdf	Apr-2026; checked 2-Sep-2026
Green hydrogen	Maharashtra Green Hydrogen Policy 2023 and amendments	Policy incentives, eligibility categories and amendment dates; use the original policy and operative GRs for detailed terms	https://mahaurja.maharashtra.gov.in/Site/Upload/Pdf/GHfaq.pdf	Policy published 17-Oct-2023; amendments 30-Sep-2024 and 27-May-2025; Methodology Part 1 amendment 6-Feb-2025; FAQ checked 18-Oct-2026
Green hydrogen	Policy committee correction / addition	Adds MPCB representative to the executive committee	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/202507171048595310.pdf	GR dated 17-Jul-2025; checked 2-Sep-2026
Pumped storage	Maharashtra Pumped Storage Policy 2023	PSP categories, PPP / approval routes, ROFR framework and corrigendum to MoU / project-allotment authority	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/202312201621211427.....pdf https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/202407311817034627....pdf	GR dated 20-Dec-2023; corrigendum dated 31-Jul-2024; checked 18-Oct-2026
Pumped storage	CEA PSP Development Status	Operational, under-construction, DPR-concurred, examination and S&I stages	https://cea.nic.in/reports/dashboardView?headingId=107&lang=en&subHeadingId=1003&subSubHeadingId=10039&title=Status+of+Pumped+Storage+Development+in+India	CEA dashboard lists reports through Aug-2026; tracker figures refer to report status at 30-Apr-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Small hydro	WRD SHP / Co-located Hydro-Solar Hybrid Policy 2024	PPP / BOT framework, ≤25 MW scope, time limits and current policy incentives	https://wrd.maharashtra.gov.in/Site/Upload/PDF/SHP%20Policy%20dt08102024.pdf	GR dated 8-Oct-2024; checked 2-Sep-2026
Rooftop regulations	MERC current renewable-energy regulations register	Operative rooftop, forecasting / DSM, RPO and RE tariff instruments; MERC draft register checked separately for 2026 proposals	https://new.merc.gov.in/regulation_type/current-regulations-renewable-energy/ https://new.merc.gov.in/regulation_type/draft-regulations/	Operative register checked 18-Oct-2026; Draft Rooftop RE and BESS Regulations, 2026 remain in MERC draft register
Rooftop regulations	MERC Grid Interactive Rooftop RE Regulations 2019	Base net-metering / net-billing framework and settlement	https://merc.gov.in/wp-content/uploads/2022/07/Grid-Interactive-RRE-Regulations2019-English.pdf	Read with 2023 and 2024 amendments
Rooftop regulations	MERC Rooftop RE First Amendment 2023	5 MW net-metering cap, gross and group net metering	https://merc.gov.in/wp-content/uploads/2023/11/First-Amendment-to-MERC-Grid-Interactive-RRE-Regulations.pdf	Notified 16-Nov-2023; checked 2-Sep-2026
Rooftop regulations	MERC Rooftop RE Second Amendment 2024	Virtual net metering, 15-day feasibility and ≤10 kW deemed acceptance	https://merc.gov.in/wp-content/uploads/2024/09/Rooftop-Grid-Interactive-RE-Regulations.pdf	Notified 29-Aug-2024; checked 2-Sep-2026
Rooftop procedure	MERC Practice Direction	Digital acceptance replaces separate physical rooftop agreement execution	https://merc.gov.in/wp-content/uploads/2026/06/Practice-Direction_Waving-off-requirement-of-seperate-Net-Metering-Agreement-30-06-2026.pdf	Dated 30-Jun-2026; checked 2-Sep-2026
Open access	MERC current Open Access regulations register	Principal and amended transmission / distribution OA instruments	https://new.merc.gov.in/regulation_type/current-regulations-open-access/ https://new.merc.gov.in/regulation_type/draft-regulations/	Current OA register checked 18-Oct-2026; MERC lists draft Distribution OA Regulations, 2026 separately
Open access	MERC Distribution OA Second Amendment 2023	100 kW Green OA threshold, 8% banking charge and express CSS / AS exemptions	https://merc.gov.in/wp-content/uploads/2023/11/Gazette_DOA_second-amendment-Regulations-2023.pdf https://new.merc.gov.in/regulation_type/draft-regulations/	Notified 10-Nov-2023; checked 18-Oct-2026. Draft Distribution OA Regulations, 2026 are not treated as operative.
SLDC charges	MERC MSLDC MYT Order, Case 186 of 2024	MSLDC fees and charges for FY 2025-26 to FY 2029-30	https://mahasldc.in/assets/public-ui/files/MYT-Order-MSLDC-Case-No_-186-of-2024_28-03-2025_uploaded_compressed.pdf	Order dated 28-Mar-2025; checked 2-Sep-2026
Agricultural solar	MSKVY 2.0 Government Resolution	State agricultural feeder-solar programme	https://www.mahadiscom.in/solar-mskvy/media/mskvy_2.0_gr.pdf	Current policy retained by 2026 RE policy
Central scheme	PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Central scheme	PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Central scheme	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.

Category	Document / authority	What it verifies	Official link	Status / date checked
Central scheme	MNRE Bioenergy overview	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Central scheme	MNRE revised Biomass Programme guidelines	2025 revisions to biomass CFA process	https://biourja.mnre.gov.in/public/downloadables/scheme/Revision_of_Guidelines_Biomass_Program_27_06_2025.pdf	Dated 27-Jun-2025; applies to Biomass component projects sanctioned under Phase I; checked 18-Oct-2026
Renewable-energy department	Maharashtra Energy Development Agency	State nodal agency, registration and programme information	https://www.mahaurja.com/meda/	Department / agency link
Electricity department	Energy Department, Government of Maharashtra	Policies, schemes and utility links	https://energy.maharashtra.gov.in/en/	Department link
Distribution utility	MSEDCL / Mahavitaran	Distribution, rooftop and agricultural-solar processes	https://www.mahadiscom.in/	Authority link
Transmission utility	MSETCL / Mahatransco	Transmission network and connectivity	https://www.mahatransco.in/	Authority link
System operator	Maharashtra State Load Despatch Centre	Scheduling, OA, energy accounting, REMC and grid operations	https://mahasldc.in/	Authority link
State transmission utility	Maharashtra STU	State transmission planning and OA interface	https://www.maharashtrastu.com/	Authority link
Electricity regulator	Maharashtra Electricity Regulatory Commission	Regulations, tariff and OA orders	https://merc.gov.in/	Authority link
Industry department	Industries, Investment and Services Department	Industrial incentive and policy entry point	https://industry.maharashtra.gov.in/en/	Department link
Investment facilitation	MAITRI	Single-window investment facilitation	https://maitri.maharashtra.gov.in/	Agency link
Revenue / land department	Revenue and Forest Department	Revenue and land-administration entry point	https://rfd.maharashtra.gov.in/en/	Department link
Water resources	Water Resources Department	SHP and PSP policy / project administration	https://wrd.maharashtra.gov.in/	Department link
Environmental authority	Maharashtra Pollution Control Board	Environmental consents and committee representation	https://mpcb.gov.in/	Authority link

Odisha Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 19 October 2026

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Synopsis

Odisha Renewable Energy: Policy and Investment Synopsis

Odisha's renewable energy framework is led by the Odisha Renewable Energy Policy (OREP) 2022 and the Pumped Storage Project Policy 2025, both in force through 31 March 2030, subject to amendments. The State had 3,606.23 MW of renewable capacity installed as at 31 August 2026 and has set a target of 11,000 MW of clean-energy capacity by 2030.

1. Policy Overview

- OREP supports solar, wind, small hydro, bioenergy and storage.
- Installed capacity comprises 1,246.83 MW of solar, 2,154.55 MW of large hydro, 140.63 MW of small hydro and 64.22 MW of bio-power. Installed wind capacity was 0 MW.

2. Major Commitments and Projections

- The 11,000 MW figure is a State target, not an awarded pipeline.
- CEA planning projects 25,305 MW of contracted capacity by FY2035–36, including 2,700 MW of pumped storage and 125 MW of battery storage. These are projections, not commissioned or awarded projects.

3. Investment Framework

- For eligible in-State renewable projects serving captive or open-access demand, Odisha provides a ₹0.50/kWh electricity-duty exemption for 15 years. The 20-year term applies only to projects commissioned before 31 March 2026.
- Other concessions include 50% cross-subsidy surcharge relief for 15 years, 25% wheeling-charge relief and ₹0.20/kWh relief on State transmission charges for 15 years. The FY2026–27 OERC order sets additional surcharge at nil. LT green open access requires at least 100 kW; conventional HT/EHT open access requires at least 1 MW.
- Eligible renewable projects on Government land can receive 30–35-year leases at rent of 2% of the prevailing IPR land rate. Stamp duty, registration and land-conversion charges are exempt.
- Solar-specific routes include Government rooftop projects through CAPEX or RESCO, and a 50% land-lease concession for the first 50 MW of solar EV-charging capacity.

4. Principal Implications

- The land and open-access concessions give eligible developers a defined route to serve in-State captive and open-access consumers.
- Solar developers can pursue rooftop, utility-scale and EV-charging projects under State-supported arrangements.

5. Investment Outlook

- Government rooftop solar and utility-scale solar parks, which must be at least 25 MW, offer defined development routes.
- Floating solar has more than 5,000 MW of preliminary feasibility potential; this is not sanctioned capacity.
- GRIDCO's small-hydro RfS identified 93.95 MW of projects, with 40-year PPAs and threshold tariffs of ₹4.92/kWh for projects below 5 MW and ₹4.84/kWh for 5–25 MW projects. This is a procurement framework, not awarded capacity.
- The pumped-storage policy and CEA storage projections provide a planning basis for future storage procurement; they do not represent current awards.

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Overview

Odisha Renewable Energy Policy Tracker

Capacity data through 30 September 2026 | policy review through 19 October 2026

Read definitions carefully: MNRE figures are physical capacity located in Odisha. The 11 GW State target, OREP demand estimate, CEA contracted capacity, scheme sanctions, tenders and CEA model outputs are kept separate. OREP 2022 is live through 31 March 2030 unless superseded.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Odisha (MW)	3,641.23	State target: 11,000 MW clean-energy capacity by 2030	Quantified current; target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf https://inpr.odisha.gov.in/sites/default/files/2026-08/News_Energy_06082026AAAA_0.pdf
Solar—total physically installed	1,281.83	OREP annexure estimates 17,000 MW 'other RE' additions for RPO demand	Quantified current; demand estimate separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf
Solar—ground mounted	725.96	No separate live State ground-mounted target identified	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf
Solar—rooftop	471.20	PM Surya Ghar subset: 373.65 MW at 31-Jul-2026	Current total; scheme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps
Solar—off-grid / KUSUM-B	84.67	PM-KUSUM sanctions are recorded in MW and pump counts separately	Current total; scheme progress separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars
Wind physically installed	0.00	CEA model reaches 2,245 MW contracted wind by FY2035-36	Quantified current; model output separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf
Bio-power physically installed	64.22	NBP Phase-I reports only a supported subset	Quantified current; programme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Small hydro physically installed	140.63	93.95 MW small-hydro RfS issued in July 2025	Physical current; tender separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/RfS-Document_SHEP-2.pdf
Large hydro physically installed	2,154.55	CEA contracted hydro baseline: 2,477 MW at 31-Mar-2025	Location-based current; contracted baseline separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf
Odisha contracted capacity— all sources	8,927	CEA model: 25,305 MW by FY2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf
Projected peak demand	10,023	FY2035-36; projected electrical energy 57,581 MU	CEA projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf
Storage planning	No operational BESS quantity inferred	CEA model: 2,700 MW PSP + 125 MW BESS by FY2035-36	Modelled; not commissioned	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Odisha tracker

These definitions control the separation of physical capacity, contracted shares, policy targets, scheme sanctions, procurement stages, model outputs and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Odisha. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Odisha from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy, amendment, order or regulation still operative on the checked date.
Policy target	A stated ambition or planned capacity. It is not a sanction, award, PPA or commissioned project.
Demand estimate	OREP annexure estimate of capacity addition needed to meet projected RPO demand; not a project pipeline.
Commissioned	A project or capacity reported as operational. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not treated as operational until installation is reported.
Tender process	A procurement stage. Tendered quantity is not an award, construction milestone or commissioned capacity.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE	Distributed renewable energy in CEA planning, principally rooftop / distributed solar.
FLS / IPS	Feeder-level solarisation / individual pump solarisation under PM-KUSUM Component C.
ESS / BESS / PSP	Energy, battery and pumped-storage systems. MW is power; MWh is stored energy.
GEOA	Green Energy Open Access. A draft OERC GEOA document is not treated as a final regulation.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability follows current transaction facts and tariff orders.
RPO / RCO	Renewable purchase / consumption obligation, expressed as a share of electricity consumption.
REC	Renewable Energy Certificate under the applicable central and State compliance framework.
MU / TPH	Million units of electricity / tonnes per hour.

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Policy Tracker

Live policy | Capacity | Targets | Projects | Planning

Odisha has a live consolidated renewable-energy policy. Current tariff orders and notified amendments govern implementation where they refine policy provisions. Draft regulations and cabinet-stage changes are labelled and are not treated as operative.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
All RE	Live State policy	OREP 2022 is the principal live consolidated renewable-energy policy.	Odisha Renewable Energy Policy 2022	Live policy	30-Nov-2022 to 31-Mar-2030 unless superseded	Instrument-specific	Apply current orders and amendments	Energy Department; GRIDCO	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Read with the 2025 amendment.
All RE	Headline target	State communication states a clean-energy capacity target for 2030.	Odisha I&PR release, 6-Aug-2026	Quantified State target	11,000 MW by 2030	Target, not sanction	Project approvals and procurement	Energy Department	https://inpr.odisha.gov.in/sites/default/files/2026-08/News_Energy_06082026AAAA_0.pdf	₹67,000 crore proposals were described as approved proposals, not commissioned MW.
RPO planning	OREP demand estimate	Annexure estimates cumulative additions needed for projected RPO demand.	OREP 2022 Annexure	Quantified demand estimate	21,700 MW by FY2030; ±15%	Planning estimate	Demand and procurement review	GRIDCO; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Not a State installed-capacity target.
RPO planning	Estimated split	Annexure separates DISCOM and captive / OA requirements.	OREP 2022 Annexure	Quantified demand estimate	5,700 MW DISCOM; 16,000 MW captive/OA	Planning estimate	Route-specific procurement	GRIDCO; industry	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Components: wind 3,500; hydro 1,200; other RE 17,000 MW.
All RE	Physical portfolio	MNRE reports Odisha's location-based RE capacity.	MNRE installed capacity	Quantified current	3,641.23 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Includes large hydro.
Solar	Physical portfolio	MNRE reports ground, rooftop and off-grid solar.	MNRE installed capacity	Quantified current	1,281.83 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	725.96 ground; 436.20 rooftop; 84.67 off-grid.
Residential solar	PM Surya Ghar progress	Parliament reports national-portal progress.	Lok Sabha UQ 2806	Quantified current progress	153,684 installations; 373.65 MW; ₹719.23 crore CFA	Central scheme	Portal and DISCOM verification	MNRE; DISCOMs	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	At 31-Jul-2026; subset of rooftop total.
Agricultural solar	PM-KUSUM Component A	Parliament reports sanctioned capacity and installations.	Rajya Sabha UQ 1265	Quantified scheme progress	90 MW sanctioned; 0 MW installed	Scheme-specific	Project execution	MNRE; OREDA	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	At 31-Jan-2026; not physical capacity.
Agricultural solar	PM-KUSUM B and C	Parliament reports pump and feeder sanctions separately.	Rajya Sabha UQ 1265	Quantified scheme progress	B: 18,441 sanctioned, 12,509 installed; C-FLS: 5,223 sanctioned, 0 solarised	Scheme-specific	Beneficiary / feeder execution	MNRE; OREDA; DISCOMs	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Counts are not MW; C-IPS was zero.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Floating solar	Resource facilitation	Policy records preliminary feasibility potential on reservoirs.	OREP 2022	Quantified resource indication	>5,000 MW potential for PFR	Site feasibility required	PFR, rights and tender	GRIDCO; water-body owner	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Potential is not sanction or pipeline.
Floating solar	Upper Indravati procurement	GRIDCO cancelled the 225 MW Upper Indravati generation RFP through Addendum 11. The current portal separately lists an ESIA RFP for a 225 MW floating-solar and battery-storage project; no replacement generation award is identified.	GRIDCO procurement portal	Tender / cancellation status	225 MW	No award inferred	Await a new generation procurement notice	GRIDCO	https://greenenergyinvest.odisha.gov.in/re-tenders/ https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/12/RFP_FSPV_UI_225MW-1.pdf	Cancelled tender quantity is not contracted or commissioned capacity.
Solar parks	Minimum scale	Policy enables solar parks and shared infrastructure.	OREP 2022	Quantified eligibility	Minimum 25 MW	Park approval	Land, evacuation and bidding	GRIDCO; OREDA	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	No automatic MNRE approval.
Rooftop solar	Government buildings	Policy promotes rooftop systems under net/gross metering.	OREP 2022	Live policy direction	CAPEX or RESCO	Feasibility and metering	Application and interconnection	OREDA; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Current OERC amendments apply.
Wind	Physical portfolio	MNRE reports no wind capacity physically located in Odisha.	MNRE installed capacity	Quantified current	0 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Contracted wind is a different measure.
Wind	Allocation framework	2025 amendment sets first-come-first-served project allocation and siting restrictions.	OREP amendment 2025	Live amendment	No turbine outside MNRE norms or in eco-sensitive areas	Eligible sites	Registration and allocation	GRIDCO	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/02/Amendment-to-OREP.pdf	Consolidate with later notified amendments before investment reliance.
Small hydro	Physical portfolio	MNRE reports small-hydro capacity in Odisha.	MNRE installed capacity	Quantified current	140.63 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	1–25 MW category.
Small hydro	Procurement	GRIDCO invited bids for identified small-hydro projects.	SHEP RfS, 10-Jul-2025	Tender process	93.95 MW cumulative; 40-year PPA	Bid-specific	Bid, award and financial closure	GRIDCO	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/RfS-Document_SHEP-2.pdf	GRIDCO portal lists Corrigendum 12; use the latest tender documents for bid dates and terms.
Bio-power	Physical portfolio	MNRE reports cogeneration and waste-to-energy capacity.	MNRE installed capacity	Quantified current	64.22 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	50.40 bagasse; 8.82 non-bagasse; 5.00 off-grid WTE.
Bioenergy	NBP Phase-I subset	Parliament reports programme-supported outputs.	Rajya Sabha UQ 2061	Quantified programme subset	22 TPH pellets; 5 MWe WTE; 216 biogas plants	Central programme	Project records	MNRE	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Subset does not equal State bio-power total.
Large hydro	Physical portfolio	MNRE reports large-hydro capacity in Odisha.	MNRE installed capacity	Quantified current	2,154.55 MW at 30-Sep-2026	Location-based	Operational reporting	MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Kept separate from CEA contracted hydro.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Pumped storage	State framework	Odisha PSP Policy 2025 governs pumped-storage development.	Odisha PSP Policy 2025	Live policy	Policy term to 31-Mar-2030; self-identified PSP registration window 9-Sep-2026 to 8-Dec-2026	Project-specific	Site allotment and approvals	Energy Department; GRIDCO	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/Odisha-PSP-Policy-2025.pdf https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2026/09/10056-Amendment-to-PSP-Resolution.pdf https://greenenergyinvest.odisha.gov.in/latest_news/invites-registration-of-self-identified-pumped-hydro-storage-projects-psps-registration-window-9-sept-2026-8-dec-2026-apply-via-portalgreenenergyinvest-odisha-gov-in/	Read with the September 2026 amendment and the current registration notice.
Storage	CEA planning model	CEA model includes PSP and battery storage in the least-cost mix.	CEA RA Plan 2025	Modelled planning output	2,700 MW PSP + 125 MW BESS by FY2035-36	Model result	Long-term contracting	GRIDCO; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	Not commissioned or awarded capacity.
Green hydrogen	Policy facilitation	Policy covers green hydrogen and ammonia projects.	OREP 2022	Live policy direction	No State MW target stated	Project-specific	RE supply and approvals	GRIDCO; State agencies	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Separate State policy was contemplated; national mission also applies.
All RE	Single window	GRIDCO is the nodal agency for investor facilitation.	OREP 2022	Live procedure	Single-window mechanism	Eligible project	Registration and clearances	GRIDCO	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Does not replace statutory approvals.
All RE	Project award route	Identified projects ordinarily use competitive bidding.	OREP 2022	Live procedure	National / international competitive bidding	Project-specific	RfS and award	GRIDCO	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Government entity / JV route may also be used under approved terms.
Land	Government lease	Government land may be leased for renewable projects.	OREP 2022	Quantified term	30–35 years for 25–30-year projects	Availability and allotment	Lease and milestones	Revenue Department	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Annual rent is 2% of prevailing IPR land rate.
Land	Transaction relief	Policy exempts specified land transaction and conversion charges.	OREP 2022	Quantified incentive	Stamp duty, registration and conversion charges not applicable	Eligible project land	Land approval and claim	State authorities	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Other clearances remain.
Electricity duty	Captive / OA relief	Policy provides duty relief for eligible in-State RE consumption.	OREP 2022	Quantified incentive	₹0.50/kWh exemption for 15 years; 20 years if commissioned before 31-Mar-2026	Eligible in-State RE	COD and billing verification	State Government; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Current notification and project facts control.
Open access	CSS relief	Eligible in-State RE consumption receives partial CSS exemption.	OREP 2022 / OA Order 2026-27	Quantified incentive	50% exemption for 15 years	Eligible OA transaction	OA approval and billing	OERC; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Applied in current tariff notification.

Sector	Policy / initiative	What it provides	Instrument	Status / classification	Actual target / term	Eligibility / trigger	Implementation step	Responsible body	Official source	Tracker note
Open access	STU charge relief	Eligible in-State RE receives an STU charge exemption.	OREP 2022 / OA Order 2026-27	Quantified incentive	₹0.20/kWh for 15 years; 20 years if commissioned before 31-Mar-2026	Eligible OA/captive project	Connectivity and billing	OPTCL; OERC	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Base transmission charge remains separately stated.
Open access	Wheeling relief	Eligible in-State RE receives wheeling-charge relief.	OREP 2022 / amendment 2025	Quantified incentive	25% exemption; 50% if injection and drawal are in different DISCOMs	Eligible transaction	OA approval and billing	OERC; DISCOMs	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/02/Amendment-to-OREP.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Standard 2026-27 order confirms 25% policy exemption.
EV charging	Land concession	Solar EV charging on government land receives a concession.	OREP 2022	Quantified incentive	50% lease concession for first 50 MW	Eligible government land	Allotment and commissioning	State Government	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Capacity threshold is a programme cap, not installed capacity.
EV charging	OA charge relief	Charging stations buying Odisha RE through OA receive charge exemptions.	OREP 2022 / OA Order 2026-27	Quantified incentive	No CSS or wheeling charge for 10 years	Eligible charging station	OA approval and billing	OERC; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Transaction-specific.
Connectivity	STU timeline	OPTCL is expected to process complete connectivity applications promptly.	OREP 2022	Quantified procedure	Preferably within 15 days	Complete registration documents	Connectivity study and approval	OPTCL	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	A facilitation timeline, not deemed connectivity.
Resource adequacy	CEA contracted baseline	CEA reports Odisha's all-source contracted portfolio.	CEA RA Plan 2025	Quantified contracted	8,927 MW at 31-Mar-2025; 45% non-fossil	Contracted, not location-based	Procurement planning	GRIDCO; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	Coal 4,958; hydro 2,477; wind 350; solar 955; DRE 187 MW.
Resource adequacy	FY2035-36 model	CEA least-cost model expands renewable and storage resources.	CEA RA Plan 2025	Modelled planning output	25,305 MW total	Model result	Long-term procurement	GRIDCO; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	7,205 solar; 2,245 wind; 2,113 DRE; 2,825 storage MW.
Resource adequacy	Additional RE need	CEA estimates additional contracting beyond existing and planned resources.	CEA RA Plan 2025	Modelled planning requirement	2,800 MW solar + 1,015 MW DRE by FY2035-36	Model result	Procurement planning	GRIDCO; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	Driven by RPO compliance; not a State-policy award.
Regulatory status	Unnotified changes	Cabinet-level announcements are excluded until a final instrument is located.	Verification convention	Reader guidance	Final Gazette or regulatory order required	No MW credited	Apply only after formal notification	Energy Department; OERC	https://greenenergyinvest.odisha.gov.in/ https://inpr.odisha.gov.in/sites/default/files/2026-08/News_Energy_06082026AAAA_0.pdf	Announcements and drafts do not change operative policy until formally notified.

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Financial Support

Financial Support and Incentives

State-policy provisions | Current OA relief | Central CFA

Benefits are not automatically cumulative. Each requires the applicable notification, eligible transaction, claim process, budget and verification. Tariff-order treatment governs live grid charges.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
In-State RE captive / OA	Electricity-duty exemption	Eligible consumption	₹0.50/kWh for 15 years; 20 years if commissioned before 31-Mar-2026	Quantified State incentive	Eligible in-State RE	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Confirm COD and billing eligibility.
Storage charged by Odisha RE	Electricity-duty exemption	Input energy	₹0.50/kWh for 15 years	Quantified State incentive	Eligible storage project	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Metering and source verification required.
In-State RE open access	CSS exemption	Cross-subsidy surcharge	50% for 15 years	Quantified State incentive	Eligible transaction	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Current tariff notification applies.
In-State RE captive / OA	STU charge exemption	State transmission utility charge	₹0.20/kWh for 15 years; 20 years if commissioned before 31-Mar-2026	Quantified State incentive	Eligible project	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Transmission loss remains applicable.
In-State RE captive / OA	Wheeling-charge exemption	Distribution network charge	25%; 50% across different DISCOMs	Quantified State incentive	Eligible transaction	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/02/Amendment-to-OREP.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Confirm cross-DISCOM implementation in current billing order.
Renewable projects	Stamp duty	Land lease / purchase / registration	Not applicable	Quantified State incentive	Eligible project land	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Follow the land authority's claim route.
Renewable projects	Land conversion	Deemed non-agricultural use	No conversion charge	Quantified State incentive	Eligible project land	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Other statutory clearances remain.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Government-land projects	Lease rent	Annual government-land rent	2% of prevailing IPR land rate	Quantified project cost	Allotted government land	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Not a free allotment.
Solar EV charging	Land-lease concession	Government land	50% concession for first 50 MW	Quantified State incentive	Eligible charging project	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Capacity limit is programme-wide.
EV charging stations	CSS and wheeling relief	Odisha RE purchased through OA	100% exemption for 10 years	Quantified State incentive	Eligible OA purchase	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Transaction-specific.
Rooftop applicants	Net / gross metering	Consumer-side solar settlement	Up to 500 kW or sanctioned load, lower	Regulatory arrangement	Technical feasibility	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Not a capital subsidy.
Residential consumers	PM Surya Ghar CFA	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified central CFA	Eligible residential application	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Use current national portal and guidelines.
Agricultural users	PM-KUSUM	Plants, pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned projects only	Scheme sanction	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	MNRE's portal lists timeline extensions for financial closure and completion of sanctioned projects; no new allocation inferred.
Bioenergy projects	National Bioenergy Programme — Phase-I	Biomass, WTE, biogas and pellets	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. CFA remains technology- and sanction-specific.	Phase-I ended; valid sanctions only	Eligible project and live window	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Small hydro projects	Small Hydro Power Development Scheme	Central project CFA; location-specific eligibility	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual and CERC normative capital cost, capped at ₹20 crore/project.	Sanction-specific	Project approval	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514674130 59.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions. GRIDCO procurement is a separate route.
Solar parks	Central park support	Shared infrastructure	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE-approved park	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Support is mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.
Green hydrogen	National mission support	Electrolysers, production, hubs and pilots	Award-specific	Quantified per call / award	Successful tender / programme	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Odisha award inferred here.
Storage	Central storage support	BESS / PSP procurement	Project-specific VGF / enabling support	Quantified per award	Approved procurement	https://powermin.gov.in/en/content/energy-storage-system	CEA model output is not an award.
SHEP bidder	Tender ceiling / threshold	GRIDCO small-hydro procurement	₹4.92/kWh below 5 MW; ₹4.84/kWh for 5–25 MW	Tender parameter	Successful bid	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/RfS-Document_SHEP-2.pdf	Not a general subsidy or final discovered tariff.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Rooftop arrangements | Open access | Charges | Banking | RPO

Current implementation is anchored to OERC's FY2026-27 tariff notification and final rooftop orders. Documents explicitly issued as drafts are labelled and are not relied on as operative regulations.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Current OA tariff order	OERC notified open-access charges for FY2026-27.	Effective 1-Apr-2026 until further order	OA users	OERC OA Tariff Notification 2026-27	OERC; OPTCL; DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Primary live charge source used.
OA threshold	Order covers conventional OA and green-energy OA by voltage / load.	HT/EHT OA ≥1 MW; LT GEOA ≥100 kW	Eligible consumer	OERC OA Order 2026-27	DISCOMs; SLDC	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Transaction and network feasibility apply.
Transmission charge	State transmission charge applies before eligible exemptions.	₹5,760/MW-day; ₹240/MWh	OA user	OERC OA Order 2026-27	OPTCL	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	OREP's ₹0.20/kWh STU relief is separate.
Transmission loss	Normative EHT transmission loss applies.	3%	OA user	OERC OA Order 2026-27	OPTCL; SLDC	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Loss, not a cash charge.
Wheeling loss	Normative HT wheeling loss applies.	7%	HT OA user	OERC OA Order 2026-27	DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Separate from wheeling charge.
Additional surcharge	Current order sets no additional surcharge.	Nil	OA user	OERC OA Order 2026-27	OERC; DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	May change in a later order.
CSS relief	Eligible in-State RE pays half the otherwise applicable CSS.	50% exemption for 15 years	Eligible RE OA	OREP / OERC OA Order	OERC; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Base CSS varies by DISCOM and voltage.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Aggregated GRIDCO RE	Industries buying aggregated renewable power from GRIDCO receive CSS relief.	No CSS	Eligible industry	OERC OA Order 2026-27	GRIDCO; DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Use the specified supply route.
Wheeling relief	Eligible in-State RE receives policy relief.	25% exemption for 15 years	Eligible RE OA	OREP / OERC OA Order	DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	2025 amendment states 50% for cross-DISCOM injection/drawal.
STU relief	Eligible in-State RE receives a fixed transmission-charge exemption.	₹0.20/kWh for 15 years; 20 years if commissioned before 31-Mar-2026	Eligible RE OA / captive	OREP / OERC OA Order	OPTCL	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Remaining charges and losses apply.
EV charging	Eligible charging stations buying Odisha RE receive network-charge relief.	No CSS or wheeling charge for 10 years	Eligible charging station	OREP / OERC OA Order	DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	OA approval still required.
Rooftop cap	Net metering is capped by plant size and consumer load.	500 kW or sanctioned load, lower	Rooftop consumer	OERC net-metering amendment 2022	DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Also subject to transformer capacity.
Transformer hosting	Rooftop feasibility is linked to transformer capacity.	Up to 75% of transformer capacity	Rooftop applicant	OERC net-metering amendment 2022	DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Technical study applies.
Group net metering	Multiple service connections may share credits under the approved framework.	5–500 kW	Eligible consumers	OERC amendment 2022	DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Eligibility and allocation conditions apply.
Virtual net metering	Eligible consumer categories may share output from a renewable system.	5–500 kW	Domestic / specified public and government users	OERC amendment 2022	DISCOMs	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Use current amended order.
Rooftop models	Government and consumer projects may use ownership or service models.	CAPEX / RESCO	Rooftop applicant	OREP 2022	OREDA; DISCOMs	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Commercial terms are project-specific.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop equipment	Current amendment permits hybrid inverters and scheme-specific technical conditions.	Amended through 27-Nov-2025	Rooftop applicant	OERC consolidated rooftop order	DISCOMs	https://orierc.org/CuteSoft_Client/writereaddata/upload/Order%20on%20Net%20Metering_Amended%20upto%2027112025.pdf	Government-scheme terms prevail where specified.
Rooftop telemetry	Current order permits machine-to-machine SIM data loggers.	As specified by DISCOM	Rooftop applicant	OERC amendment 2025	DISCOMs	https://orierc.org/CuteSoft_Client/writereaddata/upload/Order%20on%20Net%20Metering_Amended%20upto%2027112025.pdf	Consumer bears meter and connectivity cost.
Banking	OREP defers banking to OERC regulations and provides monthly accounting principles.	Monthly; no peak drawal of off-peak bank	Eligible RE OA	OREP 2022	OERC; SLDC	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Confirm the final operative regulation and current order before contracting.
GEOA draft status	The located 2023 OERC GEOA document is a draft public notice.	Draft dated 31-Jul-2023	Prospective GEOA users	OERC draft	OERC	https://orierc.org/UploadData/LatestUpdates/2460efe8-a6b0-40e0-96b5-686f836aa0e6.pdf	Draft thresholds, banking fees and caps are not treated as operative.
RPO trajectory	CEA applies the notified national trajectory to Odisha planning.	FY2026-27 35.95%; FY2029-30 43.33%	Obligated entities	MoP trajectory / CEA RA Plan	OERC; designated consumers	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	CEA extends an assumed trajectory to 52% in FY2035-36 for modelling only.
RCO / DRES draft status	OERC published a newer draft covering renewable consumption obligation and distributed renewable-energy provisions.	Draft dated 10-Apr-2026; comments due 8-May-2026	Obligated entities	OERC draft; not operative	OERC	https://orierc.org/UploadData/LatestUpdates/6241d4ba-5744-4a6e-b29a-ccd7e393ce97.pdf	Still listed as draft on OERC's official draft-regulations page; no final notification identified by 19-Oct-2026.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Odisha renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction or tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Odisha tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; DISCOMs	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Odisha had 153,684 installations and 373.65 MW at 31-Jul-2026.
Agricultural solar	PM-KUSUM	Decentralised plants, pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; OREDA	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	At 31-Jan-2026: A 90 MW sanctioned; B 18,441 pumps sanctioned and 12,509 installed. No new allocation inferred from later completion-extension notices. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE	https://mnre.gov.in/en/bio-energy-overview/ https://biouria.mnre.gov.in/about-the-programme https://mnre.gov.in/en/bio-mass/	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	Small Hydro Power Development Scheme	Eligible 1–25 MW projects	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Current central scheme; CFA per approval / sanction	MNRE; State agency	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514674130 59.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions. GRIDCO procurement is a separate route.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Odisha tracker use
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	MNRE extension order dated 17-Sep-2025; project-specific approval required.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Odisha award inferred.
Storage	Central energy-storage frameworks	Utility-scale BESS / PSP procurement	Project-specific VGF / enabling support	Quantified per project	Ministry of Power; utilities	https://powermin.gov.in/en/content/energy-storage-system	CEA model output is not an award.
Open access	Green Energy Open Access Rules	Renewable supply to eligible consumers	Implemented through State orders / regulations	Regulatory	OERC; utilities	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Use final Odisha instruments, not the 2023 draft.
Skills	Suryamitra / allied training	Renewable-energy technician capacity building	Programme-based; no Odisha MW target	Unquantified State share	MNRE institutions	https://mnre.gov.in/en/physical-progress/	Training output is not installed capacity.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Dates, ownership, programme stage and statistical scope may differ; figures retain source definitions and are not combined across stages.

Category	Document / authority	What it verifies	Official link	Source status / publication date
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	MNRE release: 30-Sep-2026
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Official MNRE primary portal
Capacity cross-check	CEA installed-capacity report, 31-Aug-2026	Official CEA publication carrying MNRE RES data	https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	CEA release: 31-Aug-2026
State policy	Odisha Renewable Energy Policy 2022	Operative period, technology scope, processes and incentives	https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf	Odisha Gazette: 30-Nov-2022
State policy copy	GRIDCO green-energy portal copy of OREP 2022	Independent official hosting of the same policy	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2024/09/Odisha-Renewable-Energy-Policy-2022.pdf	Official GRIDCO policy copy
State amendment	OREP amendment 2025	Wind allocation and cross-DISCOM wheeling relief	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/02/Amendment-to-OREP.pdf	Final amendment dated 18-Feb-2025; Gazette published 25-Feb-2025
State target	Odisha I&PR release, 6-Aug-2026	11 GW by 2030 and proposal value	https://inpr.odisha.gov.in/sites/default/files/2026-08/News_Energy_06082026AAAA_0.pdf	State communication: 6-Aug-2026
PSP policy	Odisha PSP Policy 2025	Pumped-storage framework and policy period	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/Odisha-PSP-Policy-2025.pdf	Odisha Gazette policy: 28-Jul-2025
PSP amendment	Amendment to PSP Resolution, September 2026	Latest official amendment route	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2026/09/10056-Amendment-to-PSP-Resolution.pdf	Official amendment PDF: Sep-2026
Generation planning	CEA Odisha Resource Adequacy Plan Version 2.0	Contracted baseline, demand, RPO deficit and FY2035-36 model	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	CEA Resource Adequacy Plan, Version 2.0
Rooftop progress	Lok Sabha UQ 2806, answered 5-Aug-2026	PM Surya Ghar applications, installations, capacity and CFA	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Lok Sabha answer: 5-Aug-2026
Agricultural solar	Rajya Sabha UQ 1265, answered 10-Feb-2026	PM-KUSUM sanctions and installations at 31-Jan-2026	https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	Rajya Sabha answer: 10-Feb-2026
Bioenergy	Rajya Sabha UQ 2061, answered 10-Mar-2026	NBP Phase-I Odisha programme subset	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Rajya Sabha answer: 10-Mar-2026

Category	Document / authority	What it verifies	Official link	Source status / publication date
Open access	OERC OA Tariff Notification FY2026-27	Live thresholds, charges, losses and OREP exemptions	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/DISCOMs_OA_Tariff_Notification_FY_2026-27.PDF	Final tariff notification for FY2026-27
Rooftop	OERC net-metering amendment 2022	500 kW cap, transformer limit, group and virtual net metering	https://www.orierc.org/CuteSoft_Client/writereaddata/upload/Amendment%20to%20Order%20on%20Net%20Metering.pdf	Final order/amendment: 2022
Rooftop	OERC consolidated rooftop order amended to 27-Nov-2025	Current equipment, telemetry and cost provisions	https://orierc.org/CuteSoft_Client/writereaddata/upload/Order%20on%20Net%20Metering_Amended%20upto%2027112025.pdf	Final consolidated order through 27-Nov-2025
GEOA status	OERC GEOA public notice 2023	Draft status; not used as final regulation	https://orierc.org/UploadData/LatestUpdates/2460efe8-a6b0-40e0-96b5-686f836aa0e6.pdf	Draft public notice: 31-Jul-2023
RPO status	OERC RCO / DRES draft public notice, 10-Apr-2026	Current draft status and comment deadline; not relied on as a final regulation	https://orierc.org/UploadData/LatestUpdates/6241d4ba-5744-4a6e-b29a-ccd7e393ce97.pdf	Draft public notice: 10-Apr-2026; comment deadline 8-May-2026
Small hydro tender	GRIDCO SHEP RfS, 10-Jul-2025	93.95 MW tender, PPA term and threshold tariffs	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/07/RfS-Document_SHEP-2.pdf https://greenenergyinvest.odisha.gov.in/re-tenders/	RfS dated 10-Jul-2025; current portal lists Corrigendum 12
Floating solar tender	Upper Indravati 225 MW RFP, 24-Dec-2025	Tender quantity and site	https://greenenergyinvest.odisha.gov.in/wp-content/uploads/2025/12/RFP_FSPV_UI_225MW-1.pdf	RFP dated 24-Dec-2025; Addendum 11 cancellation listed on current portal
Procurement status	GRIDCO green-energy investment portal	Current notices, addenda and cancellation route	https://greenenergyinvest.odisha.gov.in/re-tenders/	Current GRIDCO primary portal
Residential solar	MNRE PM Surya Ghar operational guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE Biomass Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme, FY2026-27 to FY2030-31	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Ministry of Power primary source
Storage	Ministry of Power energy-storage framework	Central policy and support routes	https://powermin.gov.in/en/content/energy-storage-system	MNRE primary source

Category	Document / authority	What it verifies	Official link	Source status / publication date
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity reconciliation	MNRE component sum, 30-Sep-2026	1,281.83 solar + 0 wind + 64.22 bio + 140.63 SHP + 2,154.55 large hydro = 3,641.23 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Reconciled to MNRE capacity release: 30-Sep-2026
Solar reconciliation	MNRE solar component sum, 30-Sep-2026	725.96 ground + 471.20 rooftop + 0 hybrid + 84.67 off-grid = 1,281.83 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Exact arithmetic from MNRE capacity release: 30-Sep-2026
Bio reconciliation	MNRE bio component sum	50.40 bagasse + 8.82 non-bagasse + 0 grid WTE + 5.00 off-grid WTE = 64.22 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Exact arithmetic from MNRE capacity release: 30-Sep-2026
Capacity cross-check	Capacity comparison: MNRE 30-Sep-2026 / CEA 31-Aug-2026	CEA's 31-Aug-2026 report carries MNRE RES data; scope labels retained	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	CEA comparison data: 31-Aug-2026
Scope cross-check	Scope cross-check: MNRE versus CEA RA	3,641.23 MW location-based RE versus 8,927 MW all-source contracted capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	MNRE physical data: 30-Sep-2026; CEA contracted baseline: 31-Mar-2025
Rooftop cross-check	Rooftop cross-check: MNRE versus Parliament	471.20 MW total rooftop includes the 373.65 MW PM Surya Ghar subset reported at 31-Jul-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	MNRE rooftop data: 30-Sep-2026; Parliament subset: 31-Jul-2026
KUSUM cross-check	KUSUM cross-check: MNRE versus Parliament	84.67 MW off-grid / KUSUM-B at 30-Sep-2026 versus scheme pump counts at 31-Jan-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU1265_azdRah.pdf?source=pqars	MNRE data: 30-Sep-2026; Parliament pump counts: 31-Jan-2026
Review convention	No capacity-stage aggregation	Targets, sanctions, tenders, contracted shares, model outputs and physical MW remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://energy.odisha.gov.in/sites/default/files/2022-12/3354-Energy%20dept._1.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/11/RA_Report_Odisha_2035_36.pdf	Method: capacity stages and measures remain separate

Punjab Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage

Updated 19 October 2026

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Synopsis

Punjab Renewable Energy: Policy and Investment Synopsis

Punjab's Renewable Energy Policy 2026 covers renewable generation, storage-linked projects and investment facilitation. Developers can pursue utility procurement, rooftop installations and captive supply, with commercial terms governed by the applicable regulations and project agreements.

1. Policy Overview

- The principal instruments are the Punjab Renewable Energy Policy 2026 and PSERC's rooftop and open-access regulations, as amended in 2026. The earlier NRSE Policy 2012 targets ended in 2022.
- Installed renewable capacity was 3,555.28 MW on 30 September 2026: solar 1,700.29 MW, bio-power 582.59 MW, small hydro 176.10 MW and large hydro 1,096.30 MW. No wind capacity was physically installed in Punjab.
- The 2026 policy covers qualifying renewable projects of at least 500 kW. Smaller rooftop systems fall under separate regulatory arrangements.

2. Major Commitments and Projections

- The 2026 policy specifies no aggregate or technology-wise capacity target.
- A 3,000 MW solar tender process was announced in March 2026. Separately, PSPCL awarded a 400 MW in-State solar PPA at ₹2.97/kWh. These represent procurement stages, not commissioned capacity.
- Punjab has a 500 MW BESS allocation. CEA separately models storage requirements of 2,812 MW/13,082 MWh by FY2035–36; this is a planning estimate, not an awarded pipeline.

3. Investment Framework

- State support centres on approval and land facilitation. The 2026 policy provides no blanket cash subsidy, tax exemption or network-charge waiver; earlier concessions cannot automatically be carried forward.
- Solar net metering permits systems from 1 kWp up to sanctioned or contracted load, capped at 500 kWp. Applicable rooftop arrangements receive specified charge exemptions.
- Group and virtual net metering became effective on 1 July 2026. Group arrangements cover eligible connections of the same consumer and category; virtual arrangements cover eligible domestic consumers. Wheeling charges and losses apply.
- Green open access generally starts at 100 kW, including eligible aggregation. Banking deducts 15% of banked energy, restricts peak withdrawals and provides no compensation for balances lapsing at settlement-period end.
- The policy's proposed allowance for captive systems up to 125% of sanctioned load requires operative regulatory implementation.

4. Principal Implications

- Rooftop projects serving on-site consumption benefit from charge exemptions. Net-metered year-end surplus receives 75% of the applicable feed-in tariff, making consumption matching commercially significant.
- Banking restrictions limit how captive projects can use surplus generation during peak demand.
- State land facilitation does not itself provide an allotted parcel or a quantified land subsidy.

5. Investment Outlook

- Utility solar opportunities arise from announced procurement and subsequent tenders; the awarded PPA provides a tariff reference.
- Commercial and industrial rooftop projects can serve existing electricity demand through permitted metering arrangements.
- Group and virtual net metering enable eligible consumers to share solar generation across connections.
- BESS offers a procurement-led opportunity through the allocation and modelled storage requirement. Project revenues depend on the eventual tender and contract structure.

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Overview

Punjab Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage | Updated 19 October 2026

Read definitions carefully: MNRE figures are capacity physically located in Punjab. CEA figures are contracted shares and planning-model results. Punjab Renewable Energy Policy 2026 is live but states no technology-wise MW target. The 2012 policy targets expired in 2022. Tender processes, PPAs, scheme sanctions, allocated storage and commissioned capacity are not combined.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Punjab	3,555.28 MW	No quantified aggregate MW target in the 2026 State policy	Quantified current; live policy without MW target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf
Solar—total physically installed	1,700.29 MW	3,000 MW solar tender process announced in Mar-2026; procurement stage, not installed capacity	Quantified current; procurement pipeline separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://ipr.punjab.gov.in/pa/districts/sahibzada-ajit-singh-nagar/progressive-punjab-investors-summit-2026-renewable-energy-immense-opportunities-in-punjab/
Solar—ground mounted	886.77 MW	400 MW in-State solar PPA awarded at ₹2.97/kWh; do not treat as commissioned	Quantified current; award separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://docs.pspcl.in/docs/ipcpublic20250522124435064.pdf
Solar—rooftop	696.50 MW	17,822 PM Surya Ghar households benefited at 5-Aug-2026	Quantified current; household count separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars
Solar—off-grid / PM-KUSUM-B	117.02 MW	18,000 pumps allocated; 17,879 installed and 15,676 portal-synced at 28-Feb-2026	Quantified current; scheme count comparator	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU3659_CXuLuK.pdf?source=pqars
Wind physically installed	0.00 MW	CEA uses contracted wind from outside Punjab and modelled additions	Quantified current; contracted scope differs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	582.59 MW	15 National Bioenergy Programme projects sanctioned by 29-Jul-2026; Phase-I ended 31-Mar-2026; commissioning not assumed	Quantified current; sanction stage separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://mnre.gov.in/en/bio-energy-overview/
Small hydro physically installed	176.10 MW	No quantified State addition target in the 2026 policy	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://nrep.mnre.gov.in/guidelines-shp
Large hydro physically installed	1,096.30 MW	CEA also records contracted hydro shares; the measures are not equivalent	Quantified current; location-based	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf
Contracted power capacity available to Punjab	14,860.00 MW	CEA projects about 42,263 MW contracted capacity by FY 2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf
Storage pipeline / model	500 MW allocated BESS	CEA model: 2,812 MW / 13,082 MWh storage by FY 2035-36	Allocated / modelled; not operational	https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/ https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf
Peak electricity demand	16,058.00 MW	PSPCL projection: 26,560 MW in FY 2035-36	Quantified actual / projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Punjab tracker

These definitions control the separation of physical capacity, contracted shares, elapsed targets, scheme sanctions, procurement stages and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Punjab. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Punjab from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy or regulation still operative. A live instrument may contain no numeric capacity target.
Expired target	A numeric target with a past deadline. It is retained for history and not presented as a current commitment.
Commissioned	A project or capacity reported as in operation. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not treated as operational until commissioning is reported.
Tender process	A procurement stage. A tendered quantity is not an award, PPA, construction milestone or commissioned capacity.
Award / PPA	A contracted procurement outcome. It remains separate from physical capacity until commissioning.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE	Distributed renewable energy in CEA planning, principally distributed solar in this report.
FDRE	Firm and Dispatchable Renewable Energy, combining renewable supply with firmness obligations.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
GEOA	Green Energy Open Access under central rules and the applicable Punjab open-access framework.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability depends on transaction facts and current orders.
Net / net-billing / gross metering	Distinct PSERC rooftop arrangements with different settlement treatment.
RPO / RCO	Renewable purchase / consumption obligation, expressed as a share of electricity consumption.
MU	Million units of electricity, equal to one million kWh.

SHEET 4 OF 8

Policy Tracker

Live policy | Current capacity | Procurement | Bioenergy | Storage | Resource adequacy

Punjab Renewable Energy Policy 2026 is live and facilitative. It contains no technology-wise MW target or blanket fiscal incentive. The 2012 targets, tenders, awards, sanctions, contracted shares, modelling results and location-based installed capacity remain separate.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Cross-sector	Current State-policy position	Punjab Renewable Energy Policy 2026 provides a live facilitative framework for qualifying projects.	Punjab Renewable Energy Policy 2026	Live; unquantified capacity	No technology-wise or aggregate MW target stated	Process and land facilitation; no cash incentive specified.	Confirm implementing guidelines and sector approvals	Industries & Commerce; PEDA; PSPCL; PSERC	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Minimum defined RE project capacity is 500 kW.
Cross-sector	Earlier NRSE policy	The 2012 policy targeted a 10% share and technology additions by 2022.	Punjab NRSE Policy 2012	Expired targets	250 MW small hydro; 600 MW biomass; 50 MW waste; 1,000 MW solar by 2022	Historical provisions only unless preserved by later law.	Use 2026 policy and current regulations for new projects	PEDA; PSPCL; PSERC	https://www.peda.gov.in/media/pdf/nrse%20pol%202012.pdf https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Punjab/2-RE/1%20summary%20Punjab%20New%20and%20Renewable%20Sources%20of%20Energy%20Policy-2012%20.pdf	Do not present the 2022 targets as live.
Cross-sector	Eligible project threshold	The 2026 policy defines a minimum size for an RE project under the policy.	Punjab Renewable Energy Policy 2026	Quantified current	Minimum 500 kW	Facilitative policy coverage.	Technology must fall within MNRE definition	Invest Punjab; PEDA	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Smaller systems may use separate schemes or regulations.
Cross-sector	Technology scope	Policy includes solar, wind, hybrid, small hydro, biomass, biofuel, waste and storage-linked RE.	Punjab Renewable Energy Policy 2026	Unquantified	With or without ESS	No automatic tariff or subsidy.	Project-specific statutory and grid approvals	PEDA; PSPCL; PSTCL; PSERC	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	MNRE definitions control.
Cross-sector	Time-bound approvals	Statutory approvals, technical clearances and consents are to be processed in a time-bound manner.	Punjab Renewable Energy Policy 2026	Unquantified in policy clause	No RE-specific single timeline in clause 4.1	Process facilitation.	Complete application and applicable law	Concerned departments	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	General EoDB framework is stated separately.
Cross-sector	Right-to-Business route	Policy describes self-declaration-based in-principle approvals under the State EoDB framework.	Punjab Renewable Energy Policy 2026	Quantified process	In-principle approval in 5 days; other approvals 5–45 working days	Process facilitation, not final project sanction.	Eligibility under applicable State statutes	Invest Punjab; departments	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Policy states deemed grant on day 46 for departmental inaction; statutory scope must be checked.
Cross-sector	Single-window services	FastTrack Punjab integrates business approvals and services.	Punjab Renewable Energy Policy 2026	Quantified platform coverage	47+ regulatory clearances and 140+ G2B services; timelines capped at 45 working days	Digital facilitation.	Service-specific application	Invest Punjab	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Central and sector-regulator approvals remain separate.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Land	Land guidelines	PSPCL is to notify detailed guidelines for identification, availability and allotment of eligible land.	Punjab Renewable Energy Policy 2026	Implementation pending / verify	No parcel or acreage committed in policy	Land facilitation.	Applicable guidelines, title and allotment terms	PSPCL; State departments	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Policy text is not a land allotment.
Land	Online feasibility report	State EoDB framework provides an online land-feasibility report.	Punjab Renewable Energy Policy 2026	Quantified process	Designated Revenue Officer: 45 days	Process facilitation.	Portal filing and land particulars	Revenue Department; Invest Punjab	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Not title assurance or environmental clearance.
Solar	Existing physical portfolio	MNRE reports ground, rooftop and off-grid solar separately.	MNRE state-wise installed capacity	Quantified current	1,700.29 MW at 30-Sep-2026	Project-route specific.	Location-based MNRE reporting	MNRE; PEDA; PSPCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	28-Feb-2026 parliamentary comparator was 1,566.91 MW.
Solar	Ground-mounted physical capacity	Utility, captive and other ground-mounted plants physically located in Punjab.	MNRE state-wise installed capacity	Quantified current	886.77 MW at 30-Sep-2026	Project-specific.	Land, connectivity, procurement / OA and COD	PEDA; PSPCL; PSTCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Keep separate from out-of-State contracted solar.
Solar	Rooftop physical capacity	MNRE separately reports rooftop solar including PM Surya Ghar.	MNRE state-wise installed capacity	Quantified current	696.50 MW at 30-Sep-2026	Central CFA may apply to eligible residential systems.	Portal, feasibility, metering and commissioning	MNRE; PEDA; PSPCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars	Household counts are not converted into MW.
Solar	Off-grid / KUSUM-B capacity	MNRE separately records off-grid solar and KUSUM Component-B.	MNRE state-wise installed capacity	Quantified current	117.02 MW at 30-Sep-2026	Scheme-specific.	Sanction, installation and verification	MNRE; PEDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU3659_CXuLuK.pdf?source=pqars	Do not merge with rooftop or ground-mounted solar. The latest parliamentary Component-B installation count is 17,879 at 28-Feb-2026.
Solar	3,000 MW procurement pipeline	State announced initiation of a solar tender process at the Investors' Summit.	Punjab Government release, 14-Mar-2026	Quantified procurement stage	3,000 MW announced in Mar-2026; PSPCL listed multiple 2025-26 tenders through 4-May-2026	Tender terms to govern.	PSPCL tender documents, bid outcomes, PPA, finance and COD; not an award or installed capacity	PSPCL; State Government	https://ipr.punjab.gov.in/pa/districts/sahibzada-ajit-singh-nagar/progressive-punjab-investors-summit-2026-renewable-energy-immense-opportunities-in-punjab/ https://docs.pspcl.in/frmshowNew.aspx?ofc=ipcpublic	Announcement is not an award or installed capacity.
Solar	400 MW in-State PPA	PSPCL signed a PPA with the sole successful bidder under its 1,000 MW tender.	PSPCL public notice, 22-May-2025	Quantified award	400 MW at ₹2.97/kWh	25-year procurement reported by State release.	PPA milestones, connectivity, construction and COD	PSPCL	https://docs.pspcl.in/docs/ipcpublic20250522124435064.pdf https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	Awarded; not treated as commissioned.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Solar	Out-of-State solar procurement	State release records in-principle consent for SECI procurement and commissioned external projects.	Punjab Government release, 29-Apr-2025	Contracted / commissioned outside Punjab	1,950 MW in-principle SECI consent; 107.14 MW and 100 MW projects commenced supply in Apr-2025	Procurement-specific.	Contract and scheduling terms	PSPCL; SECI; NHPC	https://jpr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	Not Punjab-located installed capacity.
Residential solar	PM Surya Ghar progress	Latest parliamentary answer reports beneficiary households.	Rajya Sabha UQ 2690	Quantified current progress	17,822 households benefited at 5-Aug-2026	Standard central CFA.	National Portal and PSPCL verification	MNRE; PSPCL	https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars	29-Jul-2026 comparator: 17,384 systems, 17,393 households, ₹112.62 crore CFA.
Agricultural solar	PM-KUSUM pump progress	Parliament reports Punjab Component-B allocation and installations.	Rajya Sabha UQ 3659, answered 24-Mar-2026	Quantified scheme stages	18,000 pumps allocated; 17,879 installed and 15,676 synced on the National Portal at 28-Feb-2026	Scheme-specific CFA and State support.	Beneficiary selection and commissioning	MNRE; PEDA	https://sansad.in/getFile/annex/270/AU3659_CXuLuK.pdf?source=pqars https://pmkusum.peda.gov.in/PB/landing.html	Punjab portal applications closed 31-Aug-2025; installed pumps are a historical / implementation count, not new allocation.
Bioenergy	Existing physical portfolio	MNRE total includes biomass cogeneration and waste-to-energy.	MNRE state-wise installed capacity	Quantified current	582.59 MW at 30-Sep-2026: 299.50 bagasse; 237.79 non-bagasse; 10.75 grid WTE; 34.55 off-grid WTE	Technology-specific.	Feedstock, approvals, offtake / captive route and COD	PEDA; PSPCL; PPCB	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars	Components reconcile to MNRE total. National Bioenergy Programme Phase-I ended 31-Mar-2026; past sanctions remain distinct from current support calls.
Bioenergy	Recent National Bioenergy sanctions	Central answer identifies Punjab projects sanctioned since the programme began.	Rajya Sabha UQ 1910	Quantified sanctioned pipeline	15 projects sanctioned (8 biomass; 7 CBG) by 29-Jul-2026; National Bioenergy Programme Phase-I ended 31-Mar-2026	Central CFA is component-specific.	Commissioning and utilisation evidence	MNRE; implementing agencies	https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars	Sanction pipeline is not commissioned capacity. No post-31-Mar-2026 programme extension confirmed in the linked MNRE programme notice.
Bioenergy	Earlier programme commissioning	A 2024 answer reported commissioned Punjab projects under the National Bioenergy Programme.	Rajya Sabha UQ 2548	Quantified historical subset	16 projects commissioned by 17-Dec-2024 (historical parliamentary answer)	Programme-specific.	Project records	MNRE	https://sansad.in/getFile/annex/266/AU2548_siQ2VS.pdf?source=pqars https://mnre.gov.in/en/bio-energy-overview/	Different question period and project definition; not netted against 2026 sanctions.
Small hydro	Existing physical portfolio	Small hydro physically located in Punjab.	MNRE state-wise installed capacity	Quantified current	176.10 MW at 30-Sep-2026	Central SHP support may apply.	Water rights, approvals, grid and scheme sanction	PEDA; Water Resources; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://nrep.mnre.gov.in/guidelines-shp	Separate from large hydro.
Large hydro	Existing physical portfolio	MNRE reports large hydro physically located in Punjab.	MNRE state-wise installed capacity	Quantified current	1,096.30 MW at 30-Sep-2026	No State-policy cash support stated.	Project-specific	CEA; State utilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	CEA contracted hydro was 3,449 MW at Mar-2025.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Wind	Existing physical portfolio	No Punjab-located wind capacity is reported by MNRE.	MNRE state-wise installed capacity	Quantified current	0 MW at 30-Sep-2026	Contracted wind can still serve Punjab.	Procurement and scheduling	PSPCL; PSERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	CEA contracted wind was 450 MW at Mar-2025.
Storage	500 MW BESS allocation	State release says the Ministry of Power allocated BESS capacity to Punjab.	Punjab Government release, 29-Apr-2025	Quantified allocated pipeline	500 MW; VGF ₹18 lakh/MW; planned operational by May-2027	Central VGF / project terms.	Tender, award, construction and COD	PSPCL; Ministry of Power	https://jpr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	Allocation is not operational storage.
Storage	CEA modelled requirement	Resource-adequacy model identifies storage needed for reliability.	CEA Punjab RA Plan, Jul-2025	Quantified model result	2,812 MW / 13,082 MWh by FY 2035-36	Planning model only.	Future procurement and commissioning	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Includes 1,895 MW four-hour and 917 MW six-hour additions.
Planning	Current contracted capacity	CEA records all-source capacity contracted for Punjab.	CEA Punjab RA Plan, Jul-2025	Quantified contracted	14,860 MW at 31-Mar-2025; 43.6% non-fossil	Not Punjab-located capacity.	Contract records	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Includes coal, gas, nuclear, hydro, wind, solar, biomass and DRE.
Planning	Planned solar contracts	CEA uses PSPCL-furnished tie-up information as model input.	CEA Punjab RA Plan, Jul-2025	Quantified planned	5,854 MW solar planned across FY2025-26 and FY2026-27	Planning input, not COD.	Contract and project milestones	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Do not add to physical solar.
Planning	Additional solar requirement	CEA model calculates solar contracts beyond the planned portfolio.	CEA Punjab RA Plan, Jul-2025	Quantified model result	9,248 MW additional solar through FY2035-36	Modelled, not awarded.	Future procurement	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Part of the projected 16,807 MW contracted solar mix.
Planning	Additional wind requirement	CEA model calculates wind procurement to meet demand and RPO.	CEA Punjab RA Plan, Jul-2025	Quantified model result	4,500 MW additional wind through FY2035-36	Modelled, not Punjab-located.	Future procurement	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Projected contracted wind reaches 4,950 MW.
Planning	Distributed solar requirement	CEA separates planned and additional DRE.	CEA Punjab RA Plan, Jul-2025	Quantified planned / modelled	855 MW planned and 1,902 MW additional DRE through FY2035-36	Planning scope.	Programme and procurement delivery	PSPCL; PEDA; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Projected DRE reaches 3,211 MW.
Planning	FY2035-36 contracted mix	CEA projects the least-cost contracted portfolio.	CEA Punjab RA Plan, Jul-2025	Quantified model result	42,263 MW excluding 8,000 MW MTOA/STOA; RE includes 16,807 solar, 4,950 wind, 3,684 hydro, 234 biomass and 3,211 DRE	Planning model only.	Procurement and annual refresh	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Also includes 1,000 MW FDRE and 2,812 MW storage.
Planning	Peak and energy growth	PSPCL forecasts were used in CEA modelling.	CEA Punjab RA Plan, Jul-2025	Quantified projection	Peak CAGR 4.7%; energy CAGR 4.5% from 2025-26 to 2035-36	Projection.	Annual resource-adequacy refresh	PSPCL; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	FY2035-36 peak projection is 26,560 MW.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
RPO	Current 2026-27 trajectory	Applicable trajectory is an energy-consumption obligation, not an installed-capacity target.	MoP trajectory used in CEA plan	Quantified regulatory	35.95% total: wind 1.97%, hydro 1.34%, other RE 29.94%, distributed RE 2.70%	Compliance obligation.	Applicable obligated entity and accounting	PSERC; PEDA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf https://www.recregistryindia.nic.in/pdf/RPO/Punjab_State_Electricity_Regulatory_Commission_%28renewable_Purchase_Obligation_And_Its_Compliance%29_Regulations%2C_2022.pdf	The 2026-27 trajectory is a consumption-based obligation (not installed capacity); confirm the applicable obligated-entity treatment and latest MoP trajectory.
RPO	2029-30 trajectory	National trajectory reaches a higher share by FY2029-30.	MoP notification / CEA plan	Quantified regulatory	43.33% total	Compliance obligation.	Energy accounting and certificates	PSERC; PEDA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Wind 3.48%, hydro 1.33%, other RE 34.02%, DRE 4.50%.
Energy plan	Long-term 2040 scenarios	The State Energy Action Plan models aggressive and decarbonisation pathways.	Punjab State Energy Action Plan 2023	Scenario, not policy target	Solar potential stated at 7.5 GW; BAU estimate 4.3 GW by 2040; agro-PV technical illustration exceeds 470 GW	Analytical scenario.	Further assessment and policy action	PEDA; State departments	https://www.giz.de/sites/default/files/media/pkb-document/2026-02/giz2023-en-india-punjab-energy-action-plan.pdf	Do not treat modelled potential as committed capacity.
Procurement	PEDA tender register	PEDA publishes live tenders for renewable and energy-efficiency activities.	PEDA tender portal	Dynamic	No aggregate tender quantity inferred	Tender-specific.	Read current NIT and corrigenda	PEDA	https://www.peda.gov.in/tenders	A listing is not an award.
Policy status	Implementation hierarchy	Later PSERC regulations, tariff orders, tender terms and statutory approvals control implementation.	2026 policy and sector instruments	Qualitative	No blanket fiscal or charge exemption in the 2026 policy	Instrument-specific.	Verify current order and project facts	Invest Punjab; PEDA; PSERC; PSPCL	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf https://docs.pspcl.in/docs/cecommercial2120211005124557198.pdf https://docs.pspcl.in/docs/cecommercial2320231109161911739.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	Old 2012 tax and charge concessions are not carried forward automatically.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State facilitation | Central CFA | Agricultural solar | Bioenergy | Storage support

The 2026 Punjab policy does not state a blanket cash subsidy, tax exemption or network-charge waiver. Benefits below require current eligibility, sanction, budget, tariff orders and project evidence; they are not automatically cumulative.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
All qualifying RE projects	FastTrack Punjab	Single-window processing and tracking	5–45 working days; policy describes deemed grant on day 46 for departmental inaction	Quantified process	Service and statutory eligibility	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Facilitation is not a cash grant or substitute for PSERC / central approval.
Eligible investments	Right-to-Business in-principle approval	Self-declaration route	5 days	Quantified process	Eligibility under RTBA framework	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Confirm the approval's legal scope for the project.
RE project land	Land facilitation	PSPCL to issue detailed identification and allotment guidelines	No rent, acreage or subsidy stated	Unquantified / implementation pending	Current PSPCL guideline and parcel eligibility	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Policy does not itself allot land.
Residential rooftop	PM Surya Ghar CFA	Central capital assistance	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	Eligible residential consumer and National Portal sanction	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Maximum standard CFA is ₹78,000 for 3 kWp or more.
GHS / RWA	PM Surya Ghar common facilities	Central CFA	₹18,000/kWp up to 500 kWp, subject to 3 kWp per house	Quantified	Eligible common facilities including EV charging	https://sansad.in/getFile/annex/271/AU300_JkXlog.pdf?source=pqars	Portal and scheme conditions apply.
ULBs / PRIs	PM Surya Ghar local mobilisation incentive	Central institutional incentive	₹1,000 per residential installation after CFA transfer	Quantified	Qualifying installation in jurisdiction	https://sansad.in/getFile/annex/271/AU300_JkXlog.pdf?source=pqars	Not paid as additional consumer CFA.
Model Solar Village	PM Surya Ghar village support	Central assistance	₹1 crore per selected Model Solar Village	Quantified	Selection under scheme rules	https://sansad.in/getFile/annex/271/AU300_JkXlog.pdf?source=pqars	No Punjab village is assumed selected without an award.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
PM-KUSUM Component A	Procurement-based incentive	Central incentive to Discom	₹0.40/kWh or ₹6.60 lakh/MW/year, lower, for five years; no CFA to plant	Original period ended 31-Mar-2026; eligible A projects financial closure extended to 30-Nov-2026	Eligible decentralised plant and procurement	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Eligible Component-A projects only; MNRE OM extends financial-closure deadline to 30-Nov-2026. Project award and PPA terms govern. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
PM-KUSUM B / C-IPS	Solar pump support	Central CFA with State / beneficiary share	30% CFA of benchmark or tender cost, lower; State support generally at least 30%, subject to implementation route	Original period ended 31-Mar-2026; Component-B applications closed; eligible C-IPS projects may close financially by 30-Nov-2026	Sanctioned projects and applicable component / beneficiary eligibility	https://pmkusum.mnre.gov.in/ https://pmkusum.peda.gov.in/PB/landing.html https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Punjab Component-B online applications closed 31-Aug-2025. Only eligible Component-C projects receive the MNRE financial-closure extension through 30-Nov-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
PM-KUSUM C-FLS	Feeder solarisation	Central CFA	₹1.05 crore/MW	Original PM-KUSUM period ended 31-Mar-2026; eligible C-FLS projects financial closure through 30-Nov-2026	Eligible feeder solarisation; CAPEX or RESCO	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Eligible Component-C projects only; project sanction and procurement terms govern. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
CBG	National Bioenergy Programme — Phase-I	Central CFA for new / existing biogas plant	₹4 crore per 4,800 kg/day new or ₹3 crore existing; cap ₹10 crore/project	Phase-I ended; valid sanctions only	Programme sanction and commissioning	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Biogas	National Bioenergy Programme — Phase-I	Central CFA	₹0.25 crore per 12,000 m^3/day; cap ₹5 crore/project	Phase-I ended; valid sanctions only	Eligible project and sanction	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.
Biogas power	National Bioenergy Programme — Phase-I	Central CFA	₹0.75 crore/MW new or ₹0.50 crore/MW existing; cap ₹5 crore/project	Phase-I ended; valid sanctions only	Eligible plant and commissioning	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.
Bio / agro-waste power	National Bioenergy Programme — Phase-I	Central CFA	₹0.40 crore/MW; cap ₹5 crore/project	Phase-I ended; valid sanctions only	Eligible technology and sanction	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Briquettes / pellets	National Bioenergy Programme — Phase-I	Manufacturing CFA	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications.	Phase-I ended; valid sanctions only	Lower-of-cost and programme conditions where applicable	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Non-bagasse cogeneration	National Bioenergy Programme — Phase-I	Central CFA	₹40 lakh/MW; cap ₹5 crore/project	Phase-I ended; valid sanctions only	Eligible project and sanction	https://mnre.gov.in/en/bio-energy-overview/ https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro 1–25 MW	Small Hydro Power Development Scheme	Central project CFA; location-specific eligibility	Eligible 1–25 MW projects; FY2026-27–FY2030-31. Qualifying international-border districts: 30%, capped at ₹30 crore/project; other locations: 20%, capped at ₹20 crore/project. In each case, use the lower of actual and CERC normative capital cost.	Current scheme; FY2026-27 to FY2030-31	FY2026-27 to FY2030-31 scheme sanction	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
500 MW Punjab BESS	Central VGF allocation	Viability-gap support reported by State	₹18 lakh/MW	Allocated project; planned operation by May-2027 per State release	Project procurement and Ministry terms	https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	500 MW allocation and VGF are not operational capacity; commissioning timeline remains future.
Solar parks	Central solar-park framework	Shared-infrastructure support	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	Project-specific MNRE sanction	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Support is mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Net, net-billing and gross metering | Green supply | Open access | Banking | RPO

The 2026 policy's 125% measure is presented as policy direction pending confirmation of operative PSERC / PSPCL implementation. Current rooftop regulations, open-access procedures and tariff orders govern transactions; expired annual tariffs are not presented as current.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Eligible rooftop consumers	Eligible consumers may use Net Metering, Net Billing, Gross Metering, Group Net Metering (GNM), Virtual Net Metering (VNM) or approved Behind-the-Meter (BTM). GNM/VNM effective 1-Jul-2026.	One arrangement per connection	Consumer in PSPCL area	PSERC Rooftop Regulations 2021, as amended through 3rd amendment (2026)	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	One arrangement at a time; GNM is for the same consumer/category connections, VNM for eligible domestic consumers; BTM requires prior approval.
Rooftop capacity limits	Net metering: 1 kWp to sanctioned/contracted load, maximum 500 kWp. Net billing / BTM: 1 kWp to load. Gross metering: 5 kWp to load. GNM/VNM: 5 kWp to combined load, maximum 500 kWp.	Arrangement-specific limits; amended 7-Apr-2026; GNM/VNM operative 1-Jul-2026	Eligible consumer by arrangement	PSERC Rooftop Regulations 2021, 3rd Amendment 2026	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	Load/demand and distribution network limits apply; 2021 domestic/non-domestic 100%/70% wording is superseded by the amended arrangement-specific limits.
Domestic applications up to 10 kW	Complete applications are deemed accepted without technical feasibility study; no processing fee and no meter-testing charge for domestic consumers under PM Surya Ghar up to 10 kWp until the 2.5 lakh installation target is reached.	Up to 10 kWp; until 2.5 lakh installations	Domestic applicants under PM Surya Ghar for fee waiver; complete applications for deemed acceptance	PSERC Rooftop Regulations 2021 as amended; PSERC Order 28-Nov-2025; consolidated July-2026	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf https://pserc.punjab.gov.in/pages/Final%20Order%20in%20Pt.%20No.%2065%20of%202025.pdf	The separate net-metering agreement is now handled digitally for all consumer categories; 31-Aug-2026 PSPCL circular confirms the portal agreement suffices.
2026 policy banking / capacity intent	Policy states Punjab shall permit systems up to 125% of sanctioned PSPCL load.	125% versus previous 100%	Renewable captive systems as implemented	Punjab Renewable Energy Policy 2026	PSPCL; PSERC	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	Treat the 125% policy provision as policy direction; the May-2026 PSERC open-access order identifies implementation issues still requiring competent procedure / approval.
Net metering	Export offsets import and excess units carry within the settlement period.	1 kWp minimum; maximum sanctioned/contracted load, capped at 500 kWp	Eligible prosumer	PSERC Rooftop Regulations 2021 upto 3rd amendment (2026)	PSPCL	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	Subject to sanctioned-load and network limits.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Net billing	Imports are billed at retail tariff and exports credited at approved feed-in tariff.	1 kWp minimum; maximum sanctioned/contracted load	Eligible prosumer	PSERC Rooftop Regulations 2021 upto 3rd amendment (2026)	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	Billing credits carry through the settlement period; outstanding credit is paid under amended rules; current tariff orders determine the rates.
Gross metering	Consumption and generation are settled separately.	5 kWp minimum; maximum sanctioned/contracted load	Eligible prosumer	PSERC Rooftop Regulations 2021 upto 3rd amendment (2026)	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	Use current PSERC feed-in tariff; FY2025-26 rate has expired.
Network hosting	Cumulative rooftop capacity is limited at the relevant distribution transformer / feeder.	Up to 80% of rated capacity	All rooftop arrangements	PSERC Rooftop Regulations 2021	PSPCL	https://docs.pspcl.in/docs/cecommercial2120211005124557198.pdf	Availability is updated by the utility.
Settlement period	Standard settlement runs October to September.	1 Oct–30 Sep	Most rooftop consumers	PSERC Rooftop Regulations 2021	PSPCL	https://docs.pspcl.in/docs/cecommercial2120211005124557198.pdf	Annual carried balance resets after settlement.
Seasonal-industry settlement	First amendment changes settlement for listed seasonal industries.	1 Apr–31 Mar	Cotton ginning/pressing/baling, rice shellers, rice-bran stabilisation without TG sets, kinnow grading/waxing	PSERC First Amendment 2024	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2420240312134422072.pdf	Amendment also addresses earlier applications / commissioned systems.
Net-meter year-end surplus settlement	Unadjusted electricity credits at settlement-period end are paid at 75% of the applicable PSERC feed-in tariff within 30 days.	75% of applicable feed-in tariff; paid within 30 days	Net-metered prosumer	PSERC Rooftop Regulations 2021, 3rd amendment 2026	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	This replaces the earlier 90% settlement-period generation cap; use the current-year approved feed-in tariff.
Other charges	Core rooftop systems are exempt from applicable wheeling, CSS, transmission, distribution and banking charges. GNM/VNM participants receive the specified banking/CSS/AS exemptions, while wheeling charges and losses apply to participating connections.	Arrangement-specific exemptions; GNM/VNM wheeling and losses apply	Regulated rooftop arrangement	PSERC Rooftop Regulations 2021, 3rd amendment 2026	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf	Do not extend rooftop exemptions automatically to separate open-access transactions.
Connection agreement	After site verification, PSPCL signs the connection agreement (up to 25 years), installs/seals meters and commissions within 15 days of the installation certificate. Feasibility study: 15 days; complete applications up to 10 kW are deemed accepted.	Agreement up to 25 years; 15-day completion after installation certificate	Rooftop applicant	PSERC Rooftop Regulations 2021 upto 3rd amendment; PSPCL CC-35-2026	PSPCL	https://docs.pspcl.in/docs/cecommercial2620260708132107485.pdf https://docs.pspcl.in/docs/cecommercial2620260831115459046.pdf	Separate physical net-metering agreement is not required; digital portal agreement suffices for all consumer categories.
Delay compensation	Regulation provides compensation for unjustified utility delay.	≤10 kWp: ₹500/day; >10 kWp: ₹50/kWp/day capped at ₹2,000/day	Rooftop applicant	PSERC Rooftop Regulations 2021	PSPCL; PSERC	https://docs.pspcl.in/docs/cecommercial2120211005124557198.pdf	Commission approval and case facts apply.
Green energy from PSPCL	Consumer may requisition green power rather than arrange third-party OA.	Contract demand 100 kVA+; minimum one year; apply at least 60 days in advance	Eligible PSPCL consumer	PSPCL procedure and Green Energy Tariff FY2026-27, 10-Mar-2026	PSPCL	https://docs.pspcl.in/docs/cecommercial2620260310163820448.pdf	Use current FY2026-27 tariff in CC 15/2026; prior-year rates have expired.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA threshold	Central GEOA eligibility applies with the State open-access framework.	100 kW contracted demand / sanctioned load, including eligible aggregation	Green-energy consumer	Green Energy Open Access Rules and Punjab implementation	PSPCL; PSTCL / SLDC; PSERC	https://docs.pspcl.in/docs/cecommercial2520250329185635212.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	100 kW threshold applies under central GEOA rules; the 13th amendment also expressly includes qualifying intra-state renewable captive users.
GEOA banking application	Punjab procedure requires advance application and a tripartite agreement.	Apply at least one month before; execute agreement within 30 days after approval	Eligible GEOA consumer	PSPCL banking procedure, read with PSERC OA 13th Amendment (12-May-2026)	PSPCL; PSTCL	https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	Submit connectivity, OA and captive-status documents as applicable.
GEOA banking charge	Banking charge is deducted in kind.	15% of banked energy	Eligible RE captive / GEOA consumer	PSPCL banking procedure and PSERC OA 13th Amendment (12-May-2026)	PSPCL; SLDC	https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	The procedure permits revision with prior PSERC approval.
GEOA carry-forward	Monthly banked energy is normally capped relative to Discom consumption.	30% of monthly consumption; cap does not apply to energy banked during paddy season	Eligible RE captive / GEOA consumer	PSPCL banking procedure, as amended by PSERC OA 13th Amendment (12-May-2026)	PSPCL; SLDC	https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	Monthly cap / paddy-season exception remains procedure-specific; banked energy carries to the end of the applicable settlement period (normally 1-Jun to 31-May), not the financial-year end.
GEOA withdrawal / lapse	Banked energy has peak restrictions and annual expiry.	No withdrawal during peak hours/season; unused balance lapses at settlement-period end, normally 1-Jun–31-May. FY2026-27 is 1-Apr-2026–31-May-2027.	Eligible GEOA consumer	PSPCL banking procedure; PSERC OA 13th Amendment order dated 12-May-2026	PSPCL; SLDC	https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204.pdf	No compensation for lapsed energy; peak-season / peak-hour withdrawal restrictions remain.
Open-access charge stack	Consumers pay applicable transmission, wheeling, SLDC, CSS, AS and other regulatory charges.	Rates change by tariff order	Open-access consumer	PSERC OA framework and tariff orders	PSERC; PSPCL; PSTCL	https://docs.pspcl.in/docs/cecommercial2320231109161911739.pdf https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://docs.pspcl.in/frmshowNew.aspx?ofc=cecommercial26	Applicable charge rates change by tariff order; additional surcharge order dated 09-Oct-2026 applies 01-Oct-2026 to 31-Mar-2027.
RPO trajectory	2026-27 obligation is measured in energy terms.	35.95% total	Obligated entities	MoP trajectory / PSERC compliance framework	PSERC; PEDA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf https://www.recregistryindia.nic.in/pdf/RPO/Punjab_State_Electricity_Regulatory_Commission_%28renewable_Purchase_Obligation_And_Its_Compliance%29_Regulations%2C_2022.pdf	Use current category splits and fungibility rules.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Punjab renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Punjab tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; PSPCL	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096 4295.pdf	Punjab had 17,822 beneficiary households at 5-Aug-2026. PM Surya Ghar is the relevant current residential CFA route; verify the live portal.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; PEDA; PSPCL	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Punjab Component-B online applications closed 31-Aug-2025; extension applies only to eligible Component-A/C financial closure, not a blanket re-opening. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. 15 Punjab projects were sanctioned at 29-Jul-2026 in the cited answer; sanction is not commissioning, and no new programme extension is confirmed.
Small hydro	Small Hydro Power Development Scheme	Eligible 1–25 MW projects, FY2026-27 to FY2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. International-border districts: 30%, cap ₹30 crore/project; other locations: 20%, cap ₹20 crore/project. Lower of actual or CERC normative cost.	Quantified	MNRE; SECI; PEDA	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741 3059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Punjab tracker use
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Project-specific MNRE sanction required; no Punjab park assumed sanctioned without an award.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is allocation- and award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	Punjab's 2026 policy does not state a State hydrogen target.
Storage	Central BESS VGF frameworks	Utility-scale storage procurement	Punjab allocation reported at 500 MW with ₹18 lakh/MW VGF	Quantified allocated	Ministry of Power; PSPCL	https://powermin.gov.in/en/content/energy-storage-system https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	Allocation is separate from CEA modelled 2035-36 requirement.
Solar manufacturing	PLI for high-efficiency solar PV modules	Domestic manufacturing	₹24,000 crore national outlay; 48,337 MW awards reported by Aug-2026 answer	Quantified national	MNRE; awardees	https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars	No Punjab-specific award is inferred.
Battery manufacturing	ACC Battery Storage PLI	Giga-scale domestic battery manufacturing	50 GWh target; ₹18,100 crore national outlay	Quantified national	Ministry of Heavy Industries	https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars	Separate from Punjab's BESS procurement.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Source dates, ownership, programme stage and statistical scope differ; this tracker preserves those differences instead of forcing false reconciliation.

Category	Document / authority	What it verifies	Official link	Publication / effective date and applicable period
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar components, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	State-wise location-based capacity at 30-Sep-2026; primary MNRE dataset
Installed capacity	MNRE Physical Progress portal	Publication route and national capacity context	https://mnre.gov.in/en/physical-progress/	Live official portal; September 2026 capacity release
State policy	Punjab Renewable Energy Policy 2026	Live policy scope, 500 kW threshold, 125% policy direction, land and EoDB framework	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf	Punjab Renewable Energy Policy 2026; live official copy
Earlier policy	Punjab NRSE Policy 2012	Historic targets and former incentives	https://www.peda.gov.in/media/pdf/nrse%20pol%202012.pdf	Punjab NRSE Policy 2012; numeric targets ended 2022
Earlier policy	CBIP summary of 2012 policy and 2015 amendment	Historic technology targets and amendment terms	https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Punjab/2-RE/1%20summary%20Punjab%20New%20and%20Renewable%20Sources%20of%20Energy%20Policy-2012%20.pdf	2012 policy and 2015 amendment; historical target / incentive terms
Energy planning	Punjab State Energy Action Plan 2023	Long-term scenarios, technical potential and recommended actions	https://www.giz.de/sites/default/files/media/pkb-document/2026-02/giz2023-en-india-punjab-energy-action-plan.pdf	Punjab State Energy Action Plan, 2023
Capacity verification	Lok Sabha UQ 5461, answered 25-Mar-2026	28-Feb-2026 installed capacity and generation	https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Lok Sabha answer 25-Mar-2026; data at 28-Feb-2026
Punjab programmes	Rajya Sabha UQ 1910, answered 4-Aug-2026	PM Surya Ghar CFA released and biomass / CBG sanctions	https://sansad.in/getFile/annex/271/AU1910_ZM0mAg.pdf?source=pqars	Rajya Sabha answer 04-Aug-2026; sanction status at 29-Jul-2026
Rooftop progress	Rajya Sabha UQ 2690, answered 11-Aug-2026	Punjab beneficiary households and central manufacturing programmes	https://sansad.in/getFile/annex/271/AU2690_hIMkNR.pdf?source=pqars	Rajya Sabha answer 11-Aug-2026; household data at 05-Aug-2026
Agricultural solar	Rajya Sabha UQ 3659, answered 24-Mar-2026	Punjab PM-KUSUM Component-B allocation and installations	https://sansad.in/getFile/annex/270/AU3659_CXuLuK.pdf?source=pqars	Rajya Sabha answer 24-Mar-2026; pump data at 28-Feb-2026
Central schemes	Rajya Sabha UQ 300, answered 21-Jul-2026	PM-KUSUM, PM Surya Ghar, SHP, storage and manufacturing support	https://sansad.in/getFile/annex/271/AU300_JkXloq.pdf?source=pqars	Rajya Sabha answer 21-Jul-2026
Generation planning	CEA Punjab Resource Adequacy Plan, Jul-2025	Contracted capacity, demand, planned tie-ups and modelled 2035-36 mix	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	CEA Punjab Resource Adequacy Plan, Jul-2025

Category	Document / authority	What it verifies	Official link	Publication / effective date and applicable period
Rooftop regulation	PSERC Rooftop Solar Regulations 2021, consolidated through 3rd Amendment 2026	Net / net-billing / gross limits, hosting, settlement and compensation	https://docs.pspcl.in/docs/cecommercial262026070813210748 5.pdf	Rooftop regulations consolidated through 3rd amendment; PSPCL copy 08-Jul-2026
Rooftop amendment	PSERC First Amendment 2024 and subsequent 3rd Amendment 2026	Seasonal settlement and current consolidated rooftop provisions	https://docs.pspcl.in/docs/cecommercial262026070813210748 5.pdf	PSERC 3rd Amendment notification 07-Apr-2026; gazetted 11-Apr; GNM/VNM effective 01-Jul-2026
RPO	PSERC RPO Regulations 2022	State compliance framework and then-applicable trajectory	https://www.recregistryindia.nic.in/pdf/RPO/Punjab_State_Electricity_Regulatory_Commission_%28renewable_Purchase_Obligation_And_Its_Compliance%29_Regulations%2C_2022.pdf	PSERC RPO Regulations notified 12-Dec-2022; current compliance framework
Captive banking	PSPCL Circular 51/2023	Solar captive banking procedure under PSERC order	https://docs.pspcl.in/docs/cecommercial232023110916191173 9.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204. pdf	PSERC OA/captive banking amendments dated 12-May-2026 / 18-May-2026
GEOA banking	PSPCL detailed banking procedure and model agreement	Application, banking charge, carry-forward and lapse	https://docs.pspcl.in/docs/pprpet20230106162041424.pdf https://pserc.punjab.gov.in/pages/order-in-Notification-no-204. pdf	PSERC OA 13th Amendment dated 12-May-2026; settlement period revised
Green supply	PSPCL green-energy requisition procedure	100 kVA threshold, one-year minimum and application lead time	https://docs.pspcl.in/docs/cecommercial262026031016382044 8.pdf	PSERC Green Energy requisition procedure and FY2026-27 tariff, 10-Mar-2026
Solar award	PSPCL public notice, 22-May-2025	400 MW in-State PPA and ₹2.97/kWh tariff	https://docs.pspcl.in/docs/ipcpublic20250522124435064.pdf	PSPCL solar PPA notice dated 22-May-2025
Solar procurement	Punjab Government release, 29-Apr-2025	2,400+ MW solar arrangements and 500 MW BESS allocation	https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/p unjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed -by-historic-low-tariffs-harbhajan-singh-eto/	Punjab Government procurement release dated 29-Apr-2025
Solar pipeline	Punjab Investors' Summit release, 14-Mar-2026	3,000 MW solar tender-process announcement	https://ipr.punjab.gov.in/pa/districts/sahibzada-ajit-singh-nagar /progressive-punjab-investors-summit-2026-renewable-energy-i mmense-opportunities-in-punjab/	Punjab Government tender-process announcement 14-Mar-2026; PSPCL tender register entries through 04-May-2026
Procurement	PEDA tender register	Current renewable-energy procurement listings	https://docs.pspcl.in/frmshowNew.aspx?ofc=ipcpublic https://www.peda.gov.in/tenders.php	Dynamic official PEDA tender register
State nodal agency	PEDA portal	Schemes, tenders and project facilitation	https://www.peda.gov.in/	Official PEDA portal
Distribution utility	PSPCL portal	Distribution, procurement, rooftop and commercial circulars	https://www.pspcl.in/	Official PSPCL portal
Transmission utility	PSTCL portal	Connectivity, transmission and SLDC route	https://www.pstcl.org/	Official PSTCL portal
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-mu ft-bijli-yojana/ https://mnre.gov.in/en/grid-connected-solar-rooftop-programm e/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da773913 55749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/Sli derImage?docid=207&docspid=41 https://pmkusum.peda.gov.in/PB/landing.html	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.

Category	Document / authority	What it verifies	Official link	Publication / effective date and applicable period
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514674130 59.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	National Green Hydrogen Mission; call / award terms apply
Storage	Ministry of Power energy-storage framework	Central storage policy, procurement and VGF	https://powermin.gov.in/en/content/energy-storage-system https://ipr.punjab.gov.in/en/press-releases/hq-press-releases/punjab-powers-ahead-over-2400-mw-of-solar-deals-inked-backed-by-historic-low-tariffs-harbhajan-singh-eto/	Ministry of Power storage / VGF framework; project-specific terms apply
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE and Parliament comparison	3,555.28 MW at 30-Sep-2026 versus 3,415.90 MW at 28-Feb-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	MNRE data at 30-Sep-2026 versus parliamentary comparator at 28-Feb-2026
Scope cross-check	MNRE and CEA comparison	3,555.28 MW location-based RE versus 14,860 MW all-source contracted capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2025/08/Report_on_Resource_Adequacy_Plan_for_Punjab_Up_to_2035_36.pdf	Location-based installed data at 30-Sep-2026 versus CEA contracted capacity at 31-Mar-2025
Policy-status cross-check	2026 policy and 2012 target dates	2026 framework is live; technology targets from 2012 ended in 2022	https://investpunjab.gov.in/assets/docs/Renewable_Energy_Policy_2026.pdf https://www.cbip.org/Policies2019/PD_07_Dec_2018_Policies/Punjab/2-RE/1%20summary%20Punjab%20New%20and%20Renewable%20Sources%20of%20Energy%20Policy-2012%20.pdf	2026 State policy live; 2012 numeric targets ended in 2022

Rajasthan Renewable Energy Policy Tracker

Practical guide to policies, financial support, concessions and land costs

Updated 19 October 2026

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Synopsis

Rajasthan Renewable Energy: Policy and Investment Synopsis

Rajasthan's clean-energy framework covers solar, wind, hybrid generation, storage, bioenergy and green hydrogen. State incentives include tax concessions, electricity-charge relief and land-allotment arrangements for eligible projects.

1. Policy Overview

- Major instruments: Integrated Clean Energy Policy 2024, amended in July 2025; Rajasthan Investment Promotion Scheme (RIPS) 2024; amended Renewable Energy Land Allotment Rules; and RERC's green open-access, distributed-generation and BESS regulations.
- Policy coverage: Utility-scale and rooftop solar, captive supply, wind-solar hybrids, hydro, storage, bioenergy and green hydrogen.
- Installed capacity: The tracker does not provide a State installed-capacity figure.

2. Major Commitments and Projections

- Clean-energy target: 125 GW by FY2029–30, comprising 90 GW solar, 25 GW wind and wind-solar hybrid, and 10 GW hydro, pumped storage and batteries combined.
- Green hydrogen target: 2,000 thousand tonnes per annum by 2030.
- These are policy targets. They do not represent awarded projects or an assured investment pipeline.

3. Investment Framework

- Solar and other eligible renewables: 100% electricity-duty exemption for seven years; 75% stamp-duty exemption plus reimbursement of the remaining 25%; and equivalent relief on eligible land-conversion charges.
- Solar with storage: Qualifying configurations receive 75%–100% exemption from specified intra-State transmission and wheeling charges for seven years, depending on storage sizing and supply conditions.
- Rooftop solar: The ₹17,000 State top-up applies to specified Mukhyamantri Free Electricity beneficiaries with their own roof.
- Procurement and captive supply: Routes include competitively bid utility contracts, captive consumption and third-party open access. Eligible anchor captive projects receive banking, wheeling and transmission-charge waiver or reimbursement; the cited benefit excludes third-party sales.
- Government land: A 30-year lease, with possible ten-year renewal. Premium is twice the applicable agricultural DLC value; annual rent is the higher of 7.5% of premium or reserve rent.
- Staged land access: The August 2026 amendment permits qualifying projects of at least 1,000 MW without connectivity to obtain staged access against 10% premium upfront and prescribed milestones.

- Green hydrogen: Interest subvention of 5% for five years, capped in aggregate at 2.5% of eligible fixed capital investment. Specified charge relief covers the first 500 kTPA, capped at 50 kTPA per project, for eligible projects up to 31 March 2029.

4. Principal Implications

- Storage-linked concessions reduce specified network costs for qualifying solar and hybrid supply.
- Captive and third-party projects receive different incentive treatment, making ownership and supply structure commercially significant.
- Government-land costs include recurring rent and escalation. Staged access carries connectivity and utilisation obligations.

5. Investment Outlook

- Solar-storage and wind-solar-storage: Utility procurement and industrial supply provide revenue routes supported by eligible network-charge concessions.
- Residential rooftops: Installers can serve the defined State top-up beneficiary group.
- Industrial and data-centre supply: Eligible captive arrangements provide opportunities linked to electricity consumption and approved incentives.
- Green hydrogen: Integrated renewable-power and hydrogen projects can access the capacity-limited early-project package.

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Overview

Rajasthan Renewable Energy Policy Tracker

Practical guide to policies, financial support, concessions and land costs | last checked 19-Oct-2026

Preamble — scope and policy framework

Rajasthan has policies covering a wide range of renewable-energy technologies, including utility-scale and small solar projects, rooftop solar, solar-powered agricultural pumps, wind power, wind-solar hybrid projects, hydropower, pumped-storage projects, battery storage, biomass, waste-to-energy, biofuels and green hydrogen.

This workbook brings together the principal Rajasthan Government policies, Rajasthan Electricity Regulatory Commission rules and relevant Central Government schemes. It explains the applicable provision, the intended beneficiary, the amount of financial support or concession where an official figure is available, and the conditions that must be confirmed before the benefit is included in a project budget.

Central and Rajasthan measures may apply to the same technology but usually serve different purposes. Central schemes generally prescribe national programme conditions and scheme-specific assistance; Rajasthan governs State targets, land and approval routes, intra-State regulatory treatment and State incentives. The tracker identifies each source separately. It treats Central and State benefits as cumulative only where the official material clearly confirms that they may be combined.

Financial Support Categories Covered in the Tracker

Residential rooftop	**State fiscal package**	**Land cost**	**Manufacturing**
Agricultural solar	**Battery storage**	**Green hydrogen**	**Bioenergy**
Small hydro	**Solar parks**	**Captive / anchor**	**Behind the meter**

Scope and reliance

This is an explanatory policy tracker for general information only. It is not a legal opinion, land-title report, tariff order, tender, eligibility certificate or subsidy sanction. We do not warrant or accept responsibility for the accuracy, completeness or currency of the information. Policies, rates, procedures and budgets may change or close. Recheck the latest official sources and obtain written confirmation before buying land, bidding, signing a PPA, ordering equipment or including any incentive in a financial model.

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Glossary

Glossary — Full Forms and Defined Terms

Key terms used in the Rajasthan renewable-energy policy tracker

Term / full form	Definition and practical meaning
Renewable energy (RE)	Energy from sources that are naturally replenished, such as sunlight, wind, water and organic material.
kW — kilowatt	A unit of power commonly used for household rooftop solar. A typical home system may be 1–3 kW.
MW — megawatt	1 MW equals 1,000 kW. Utility projects and industrial plants are commonly measured in MW.
GW — gigawatt	1 GW equals 1,000 MW. State-wide capacity targets are commonly stated in GW.
kWh / MWh	Kilowatt-hour and megawatt-hour measure electricity produced, stored or consumed over time. 1 MWh equals 1,000 kWh.
MNRE	Ministry of New and Renewable Energy, Government of India.
RIPS	Rajasthan Investment Promotion Scheme. It provides investment incentives to eligible enterprises in Rajasthan.
RRECL	Rajasthan Renewable Energy Corporation Limited, the State nodal organisation for renewable energy.
RERC	Rajasthan Electricity Regulatory Commission, which issues electricity regulations, tariffs and orders in Rajasthan.
DISCOM	Distribution Company. It supplies electricity to consumers and handles connections, billing and many rooftop/open-access processes.
RVPN	Rajasthan Rajya Vidyut Prasaran Nigam Limited, the State transmission utility.
SLDC	State Load Despatch Centre. It manages grid scheduling, energy accounting and system operation.
CFA	Central Financial Assistance: a central-government subsidy or grant under a notified scheme, subject to eligibility and sanction.
ACI	Asset Creation Incentive: the main RIPS incentive option chosen by an eligible enterprise.
EFCI	Eligible Fixed Capital Investment. RIPS calculates certain incentives on eligible fixed capital investment, not on the entire project cost.
SGST	State Goods and Services Tax. A RIPS option reimburses a portion of eligible SGST actually due and deposited.
TLI	Turnover Linked Incentive: a yearly incentive calculated as a percentage of eligible net sales.
BESS	Battery Energy Storage System. It stores electricity and supplies it later.
PSP	Pumped Storage Project. Water is pumped uphill using electricity and released later to generate electricity.
RTC	Round the Clock. A power contract requiring supply across specified hours, often using wind, solar and storage.
T&W charges	Transmission and wheeling charges: amounts paid for using the high-voltage and distribution networks to carry electricity.

Term / full form	Definition and practical meaning
CSS / AS	Cross-Subsidy Surcharge / Additional Surcharge. Open-access consumers may pay these unless a valid exemption applies.
Open access	A system under which an eligible consumer buys electricity from a chosen generator while using the electricity grid.
Banking	Adjustment of eligible renewable electricity put into the grid against electricity drawn later, subject to time limits and charges.
Net metering	Rooftop-solar electricity exported to the grid is adjusted against electricity imported, under the applicable billing rules.
Group / virtual net metering	Methods for sharing the benefit of one solar system across eligible connections or consumers, subject to RERC rules.
RPO	Renewable Purchase Obligation: the required renewable-energy share for specified electricity buyers and obligated entities.
REC	Renewable Energy Certificate: a tradable certificate representing the renewable attribute of eligible electricity.
PPA	Power Purchase Agreement: the contract under which a buyer purchases electricity from a generator.
Tariff	The price paid for electricity, usually stated per kWh, under a bid, PPA or regulatory order.
PLF	Plant Load Factor: electricity actually generated compared with continuous generation at full rated capacity over the same period.
DLC rate	District Level Committee rate used by Rajasthan for official land-value calculations.
BG	Bank Guarantee: a bank's promise to pay if the applicant does not meet specified obligations; the applicant pays bank charges for it.
CTE / CTO	Consent to Establish / Consent to Operate issued by the Pollution Control Board. A fee waiver does not remove environmental compliance.
ULB	Urban Local Body, such as a municipal corporation, council or board.
SIA	State Implementing Agency for a central or State scheme.
SCADA	Supervisory Control and Data Acquisition: remote monitoring and data system used for plant performance and scheme compliance.
COD	Commercial Operation Date: the date from which a project starts commercial operation under its contract.
DPR	Detailed Project Report: the technical and financial project report used for approval and financing.
VGF	Viability Gap Funding: government support to help a selected project become financially viable.
CBG / Bio-CNG	Compressed Biogas / Bio-Compressed Natural Gas produced from eligible organic material or waste.
kTPA / MTPD / MTPH	Thousand tonnes per annum / metric tonnes per day / metric tonnes per hour. These describe annual or operating production capacity.
RDF	Refuse Derived Fuel made from processed waste. Thermal MSW/RDF power is excluded from the cited MNRE WTE support.
SIGHT	Strategic Interventions for Green Hydrogen Transition, the incentive programme under the National Green Hydrogen Mission.
ALMM	Approved List of Models and Manufacturers. Certain solar procurements must use listed models/manufacturers.
PLI	Production Linked Incentive: an award-based central incentive linked to eligible manufacturing output and performance.
Intra-STS / ISTS	Intra-State Transmission System is Rajasthan's State transmission network. ISTS is the Inter-State Transmission System used for power movement across State boundaries. They have separate connectivity processes.
CTUIL	Central Transmission Utility of India Limited, the nodal body that processes connectivity to the inter-State transmission system under the CERC GNA framework.

Term / full form	Definition and practical meaning
REIA	Renewable Energy Implementing Agency, such as SECI, NTPC, NHPC or SJVN in the cited CERC order, which conducts renewable-energy procurement and issues Letters of Award.
LoA	Letter of Award. In the cited CERC connectivity context, it is the award document issued by an eligible renewable-energy implementing agency before the related PPA is signed.
PBG	Performance Bank Guarantee. A bank-backed security that may be encashed if specified project obligations are not met. Under CERC Order 11/SM/2026, Option I requires ₹8 lakh per MW for covered projects retaining connectivity.

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Policy Tracker

Rajasthan Renewable Energy Policy Tracker

Policy, regulatory and financial-support reference for major renewable-energy technologies | last checked 19-Oct-2026

Jurisdiction note: Central schemes and Rajasthan measures may apply to the same technology for different purposes. The tracker identifies the source of each measure separately and treats the benefits as cumulative only where the relevant official material clearly permits the combination.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Umbrella policy	State clean-energy target	Rajasthan has one combined policy for solar power, wind power, wind-solar hybrid projects, hydro power, pumped storage, batteries, biomass, waste-to-energy and green hydrogen. This means these technologies are recognised by the State and can use the approval and incentive routes mentioned in the policy.	Integrated Clean Energy Policy, 2024	The State wants 125 gigawatt (GW) of clean-energy capacity by financial year 2029-30: 90 GW solar, 25 GW wind and wind-solar hybrid, and 10 GW hydro, pumped storage and battery storage together. One GW is 1,000 megawatt (MW). The target is for the whole State; it is not a subsidy amount or a guarantee that every proposed project will be approved.	To 29-Mar-2029 or superseded	Eligible projects may receive: 100% electricity-duty exemption for 7 years; 75% stamp-duty exemption plus reimbursement of the remaining 25%; 75% exemption from land-conversion charges plus reimbursement of the remaining 25%; 100% reimbursement of mandi/market fee for 7 years; and waiver of Rajasthan Pollution Control Board consent fees. Each benefit needs confirmed eligibility.	RRECL / Energy Department	Energy Department; RRECL	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Targets are policy ambitions, not sanctioned capacity.
Solar	Utility-scale solar and parks	Large ground-mounted solar plants and organised solar parks are permitted. A solar park is a large prepared area where several projects can share roads, pooling substations and transmission facilities.	Integrated Clean Energy Policy, 2024	Solar forms 90 GW of the State's total 125 GW clean-energy target for 2029-30. This is the combined State target for rooftop, ground-mounted, park, captive and other solar capacity; it is not a quota for one developer.	Rajasthan policy to 29-Mar-2029; MNRE Solar Park Scheme to 31-Mar-2029 for completion of approved parks New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Rajasthan measure: an eligible investment may use applicable RIPS concessions, land routes and intra-State grid provisions. Central measure: an approved Solar Power Park Developer may receive up to ₹25 lakh for the Detailed Project Report and up to ₹20 lakh per MW or 30% of eligible park-development cost, whichever is lower. The Central scheme has been extended through 31-Mar-2029 for completion of approved parks; do not treat this as a new park sanction or direct payment to each generator. Do not claim the same eligible cost under two schemes unless the sanction terms allow it.	RRECL single-window and project registration	RRECL; DISCOMs; RVPN	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://pib.gov.in/PressReleasePage.aspx?PRID=2199729 https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da773913557 49f3/uploads/2025/09/2025091984030227.pdf	Tariff/offtake depends bid or PPA; verify current tender.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Solar	Rooftop, group and virtual net metering	A consumer can install solar panels on a roof and adjust the solar electricity against the electricity bill. Group net metering allows one system to be linked with more than one eligible connection. Virtual net metering allows eligible people without their own suitable roof to receive a share of electricity from a common solar plant, subject to Rajasthan Electricity Regulatory Commission rules.	RERC Distributed Renewable Energy Regulations, 2021, amended 2025	For ordinary domestic connections, the State has reported a deemed-approval route up to 10 kilowatt (kW), subject to the current distribution-company procedure. One kW is a small rooftop-system unit; a typical home system is often 1–3 kW.	Current regulation PM Surya Ghar implementation through 31-Mar-2027.	Central measure: under PM-Surya Ghar, an eligible residential consumer may receive ₹30,000 per kW for the first 2 kW and ₹18,000 for the third kW, capped at ₹78,000. Rajasthan measure: the cited State programme provides an additional ₹17,000 to specified Mukhyamantri Free Electricity beneficiaries with their own roof. The official Rajasthan release confirms a combined maximum of ₹95,000 for a beneficiary who qualifies under both measures.	DISCOM portal / national rooftop portal	RERC; Rajasthan DISCOMs	https://rerc.rajasthan.gov.in/rerc-user-files/regulations https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Capacity, settlement and technical rules depend current RERC text and DISCOM procedure.
Solar	Agricultural / decentralized solar	PM-KUSUM supports: Component A—small grid-connected solar plants up to 2 MW, generally on barren or fallow land, selling power to the local distribution company; Component B—standalone solar irrigation pumps; and Component C—solarisation of existing grid-connected agricultural pumps or feeders.	PM-KUSUM + MNRE OMs dated 28-Mar, 25-May and 28-Sep-2026 + state implementation	The national scheme target was 34,800 MW. For a Rajasthan farmer, actual availability depends on the State allocation, vendor/tender and a live application window.	Original scheme period through 31-Mar-2026. Eligible legacy projects with PPA/NTP issued by 31-Dec-2025 may complete by 31-Mar-2027; financial closure for Components A and C is due 30-Nov-2026.	Central measure: for eligible pump components in an ordinary State such as Rajasthan, PM-KUSUM Central Financial Assistance is generally up to 30% of the benchmark or tender cost. MNRE has not reopened new liabilities after 31-Dec-2025. The 31-Mar-2027 completion extension is limited to eligible legacy projects; Component A/C financial closure is due by 30-Nov-2026. Rajasthan implementation: the State allocation, beneficiary contribution, financing arrangement, approved vendor and tender price must be taken from the applicable Rajasthan sanction or tender.	PM-KUSUM portal / state SIA	MNRE; RRECL; DISCOMs	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://pmkusum.mnre.gov.in/landing.html https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=209&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Confirm Rajasthan allocation, sanction and tender window before modelling benefit.
Wind	Onshore wind	Wind turbines may be set up at technically suitable sites after wind-resource, land and grid studies. The policy also covers power sale, captive use and evacuation arrangements.	Integrated Clean Energy Policy, 2024 + MNRE wind guidelines	Wind and wind-solar hybrid projects together form 25 GW of the State's 125 GW target for 2029-30. The policy does not divide this 25 GW into a separate guaranteed wind allocation for each district or developer.	Policy term / current MNRE guidelines	Rajasthan measure: an eligible investment may use applicable RIPS duty, stamp-duty and land-conversion concessions. Central framework: MNRE wind policies and bidding guidelines govern relevant technical and procurement matters, but no universal MNRE cash subsidy has been identified for every new wind project. Project revenue normally comes from a Power Purchase Agreement, captive savings or market sale.	RRECL / competitive bidding	RRECL; RVPN; DISCOMs	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Site-specific resource, evacuation and tender economics govern.
Wind	Repowering	Repowering means replacing old wind turbines with newer, larger and more efficient machines at an existing wind site. This can increase generation from the same broad wind area.	MNRE Wind Repowering Policy + state policy	There is no fixed Rajasthan-wide repowering quantity in the cited policy. Each project depends on the old turbine, land rights, pooling substation and transmission capacity.	Current central policy	Central framework: the MNRE repowering policy governs eligible replacement of older turbines. Rajasthan measures: project approvals, land, evacuation and any applicable RIPS concessions remain State matters. No standard cash grant has been identified for every repowering project; the financial case usually depends on additional generation and reuse of existing infrastructure.	MNRE / RRECL	MNRE; RRECL	https://mnre.gov.in/en/notice/policy-for-repowering-of-the-wind-power-projects/	Check turbine eligibility, pooling-station capacity and PPA treatment.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Hybrid	Wind-solar hybrid / RTC	A hybrid project combines wind and solar generation; it may also add a battery so that electricity is supplied more steadily. Round-the-clock (RTC) supply means contracted electricity is made available across specified hours, using a mix of generation and storage.	Integrated Clean Energy Policy, 2024	Hybrid projects are included within the 25 GW wind/hybrid target. The amount assigned to one project is decided by its approval, bid and grid capacity.	Policy term	Rajasthan measures: applicable RIPS concessions may be available; a qualifying battery configuration may receive 75%–100% exemption from intra-State transmission and wheeling charges for 7 years. Central procurement: a project selected through a Central tender may be governed by SECI or another procurer's bid conditions. Include both layers only where the specific tender and State eligibility documents permit them.	RRECL / SECI / DISCOM procurement	RRECL; RVPN; DISCOMs	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Bid document controls tariff, CUF and storage obligations.
Hydro	Small hydro, hydro and pumped storage	Hydro projects generate electricity from water. Pumped-storage projects use electricity to pump water uphill and later release it to generate electricity when required. Small hydro under the current MNRE scheme means a project from 1 MW to 25 MW.	Rajasthan Integrated Clean Energy Policy, 2024 + MNRE Small Hydro Power Development Scheme, 2026–31	Hydro, pumped storage and battery storage together form a 10 GW State target. The MNRE Small Hydro Power scheme separately has an all-India target of about 1,500 MW for 2026-27 to 2030-31.	SHP FY2026-27 to FY2030-31	Central measure: for an eligible 1–25 MW project outside a qualifying international-border district, assistance is 20% of the lower of the CERC normative capital cost or actual cost, capped at ₹20 crore. An eligible project in a qualifying international-border district may receive 30%, capped at ₹30 crore. Detailed Project Report support is ₹10 lakh up to 15 MW plus ₹50,000 per MW above 15 MW, capped at ₹15 lakh, and is available only to Central or State government departments, public-sector undertakings and State nodal agencies. Rajasthan land, water, clearance and any RIPS benefits are separate; combination must be confirmed for the project.	National RE portal / state clearances	MNRE; Water Resources; Energy Department	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Confirm the district category, competitive allotment, PPA, construction date, water rights, dam safety, forest and environmental approvals. MNRE requires a valid PPA of at least 15 years for the first CFA instalment. Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Storage	Battery energy storage	A Battery Energy Storage System (BESS) stores electricity and supplies it later—for example, during evening peak hours when solar generation has reduced. Rajasthan has policy concessions and a separate RERC regulation for such systems.	Integrated Clean Energy Policy, 2024 + RERC BESS Regulations, 2026	Batteries, hydro and pumped storage share a 10 GW State target. The policy does not state how much of the 10 GW will be batteries alone.	7-year charge concession; regulation current	Rajasthan measures: qualifying projects may receive 75%–100% exemption from specified intra-State transmission and wheeling charges for 7 years, depending on storage size and configuration. Central measure: selected procurements under the Ministry of Power scheme may receive viability-gap funding up to 40% of capital cost. The Central funding is tender-specific; do not assume that it can be combined with a Rajasthan concession unless the tender and State eligibility documents permit it.	RRECL/RVPN/DISCOM tender; RERC	RERC; RRECL; RVPN; DISCOMs	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Concession eligibility requires metering/supply conditions; procurement documents prevail.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Bioenergy	Biomass power / cogeneration	Biomass plants use agricultural residue or other eligible organic material to produce power or useful heat and power together. Project feasibility depends heavily on dependable feedstock supply, transport distance and pollution-control compliance.	Integrated Clean Energy Policy, 2024 + 2007 Land Rules National Bioenergy Programme — Phase-I	No single State MW target is stated for biomass in this tracker. Each plant is approved according to its capacity, fuel plan, grid arrangement and land requirement.	State policy current; cited Central Phase-I support is budget-constrained Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Rajasthan measure: eligible projects may use applicable RIPS concessions and State land or approval routes. Central measure: the cited Phase-I rate for non-bagasse biomass cogeneration was ₹40 lakh per MW, capped at ₹5 crore per project. BioUrja reports that programme funds are exhausted; biomass proposals received on or after 10 October 2024 are to be considered only after approval of the Phase II budget. Include the amount only where a valid sanction is held or a new funding approval applies.	RRECL / BioUrja	RRECL; MNRE/IREDA	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://biourja.mnre.gov.in/about-the-programme	Feedstock, tariff, emissions and current BioUrja sanction status require diligence.
Bioenergy	Briquettes, pellets and co-firing supply chain	Crop residue can be compressed into briquettes or pellets. These can be sold as fuel, including for co-firing in thermal power plants. A manufacturing unit needs a reliable supply of residue, drying, storage and transport arrangements.	RIPS 2024 + MNRE Biomass Programme National Bioenergy Programme — Phase-I	Support is based on manufacturing capacity measured in metric tonnes per hour (MTPH), not on the State's GW target.	State policy current; cited Central Phase-I support is budget-constrained Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications. Rajasthan measure: eligible manufacturing enterprises may apply under RIPS subject to its terms and non-duplication of the same cost. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.	BioUrja / Raj Nivesh	MNRE/IREDA; Industries Department	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	The cited rate is not treated as currently available without a valid sanction or later Phase II funding approval. Confirm new machinery, portal, performance-monitoring and RIPS non-duplication conditions.
Waste-to-energy	Biogas, Bio-CNG/CBG, power and gasification	Waste-to-energy projects convert eligible organic, municipal, industrial or agricultural waste into biogas, compressed biogas (CBG/Bio-CNG), power or gas. The State may facilitate land near a landfill or other suitable departmental land, but the land is not automatically free.	Integrated Clean Energy Policy, 2024 + MNRE WTE Programme National Bioenergy Programme — Phase-I	The State policy covers these technologies without stating one combined capacity target in this tracker. The plant size is based on daily gas, fuel or power output.	State policy current; cited Central Phase-I support is budget-constrained Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Central measure: the cited Phase-I rates were ₹0.25 crore per 12,000 cubic metres/day of biogas; ₹4 crore per 4,800 kg/day for Bio-CNG from a new biogas plant; ₹3 crore per 4,800 kg/day when added to an existing biogas plant; ₹0.75 crore/MW for power from a new biogas plant; ₹0.50 crore/MW for power from an existing biogas plant; and ₹0.40 crore/MW for eligible other bio/agro-waste power. Thermal municipal-solid-waste or RDF power is excluded. BioUrja reports that funds are exhausted; waste-to-energy proposals received on or after 17 October 2024 depend on Phase II budget approval. Rajasthan land, approvals and RIPS treatment are separate.	BioUrja / RRECL / ULB	MNRE/IREDA; RRECL; ULB	https://mnre.gov.in/en/waste-to-energy/ https://biourja.mnre.gov.in/about-the-programme	Treat the cited Central rates as unavailable unless the project holds a valid sanction or later Phase II funding approval. Confirm feedstock, technology, new-equipment, monitoring, emissions and State approval conditions.
Biofuels	CBG, bio-CNG, bio-ethanol and bio-coal land norms	The Revenue Department has added maximum government-land norms for certain biofuel plants so that the land request can be assessed against the proposed production capacity.	2007 Land Rules, Third Amendment, 2025	For a 1 metric-tonne-per-day CBG plant: 1 acre for the plant plus 2.5 acres for feedstock storage. For bio-coal: 2 acres per 100 metric tonnes/day. For bio-ethanol: 1.5 acres per 100 kilolitres of notified capacity. Other sizes are calculated proportionately.	Current as amended	The financial advantage is access to government land under the notified framework. It still involves premium, annual lease rent, escalation and security. RIPS incentives may apply to an eligible industrial unit.	Revenue Department / Raj Nivesh	Revenue Department; Industries	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/DocScanner%205%20Dec%202025%2011-35%20am.pdf	Confirm unit definition, storage plan, pollution/fire approvals and latest amendment.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Green hydrogen	Production and derivatives	Green hydrogen is hydrogen produced using renewable electricity and an eligible low-carbon process. Derivatives include products such as green ammonia. Rajasthan offers a special early-project package because electricity cost is a major part of hydrogen cost.	Integrated Clean Energy Policy, 2024 + RIPS 2024	The State target is 2,000 thousand tonnes per annum (kTPA) by 2030. The special package covers the first 500 kTPA, with a maximum of 50 kTPA counted for one project, for eligible projects up to 31 March 2029.	Projects up to 31-Mar-2029 for special package	Rajasthan package: eligible early projects may receive a 25% Sunrise Booster on the chosen RIPS Asset Creation Incentive; 5% interest subvention on term loans for plant and machinery for 5 years, subject to an aggregate ceiling of 2.5% of Eligible Fixed Capital Investment; 50% waiver of intra-State transmission, wheeling and electricity duty for 7 years; specified surcharge relief; and special banking provisions. Central measure: SIGHT incentives are available only through competitive selection under the relevant tranche. Do not assume that a SIGHT award and the Rajasthan package can be combined unless both sets of award and eligibility terms permit it.	Raj Nivesh / RRECL	Industries Department; RRECL; DISCOM/RVPN	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Eligibility caps and chosen RIPS ACI/booster must be confirmed by entitlement certificate.
Manufacturing	RE equipment manufacturing	A factory making eligible renewable-energy equipment—such as solar cells or modules—may apply under RIPS. The benefit depends on investment size, district/area category, eligible assets, jobs and production.	RIPS 2024	There is no single rupee amount for every factory because RIPS uses slabs and an eligibility certificate.	Policy term	Rajasthan measure: an eligible enterprise chooses one principal RIPS Asset Creation Incentive—capital subsidy of about 13%–28% of Eligible Fixed Capital Investment over 10 years, Turnover Linked Incentive of about 1.20%–2.00% of eligible net sales for 10 years, or reimbursement of 75% of eligible State Goods and Services Tax due and deposited for 7 years. Permitted boosters and operating incentives may also apply. Central measure: the solar-module Production Linked Incentive is available only to selected awardees under their award terms. Combined eligibility must be confirmed; it is not assumed.	Raj Nivesh single window	Bureau of Investment Promotion; Industries	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	ACI choice, EFCI, location category, caps and commencement dates materially change benefit.
Market access	Green energy open access	Open access allows an eligible consumer to buy renewable electricity from a generator instead of taking all electricity from the local distribution company. The consumer still uses the grid and normally pays charges for transmission, wheeling, system operation, banking and applicable surcharges.	RERC GEOA Regulations, 2025	There is no general free-power or zero-charge promise. The quantity depends on the consumer's demand, generator contract, connectivity and RERC approval.	From 17-Jul-2025	The financial benefit is the difference between the consumer's normal electricity cost and the full delivered cost of renewable power. Specific policy packages may waive named charges; all other current RERC charges must be included.	RERC / SLDC / DISCOM portals	RERC; SLDC; DISCOMs	https://rerc.rajasthan.gov.in/rerc-user-files/regulations	Model using latest RERC tariff orders; do not assume zero charges outside a waiver.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Transmission / connectivity	RE grid connection — solar, wind, hybrid, storage and other eligible projects	Rajasthan has a formal procedure for connecting projects to the State transmission network at 33 kV and above. It covers renewable-energy power plants, RE parks, energy storage systems (ESS), captive plants and other eligible grid users. Each project requires an approved connection point and compliance with the applicable technical, land, bank-guarantee and commissioning requirements; recognition under an RE policy does not itself reserve grid capacity. Biomass projects can use this route where they qualify as RE power plants. EV charging facilities and data centres are electricity consumers, and their grid connection or open-access arrangements are governed by the applicable consumer, connectivity and open-access rules.	RERC Rajasthan Electricity Grid Code Regulations, 2024 + Procedure for Grant of Connectivity to Intra-State Transmission System (effective 01-Feb-2026) + CERC Order in Petition 11/SM/2026 for specified ISTS LoA cases	Rajasthan procedure: new or modified connection to the State transmission system at 33 kV and above. Central CERC order: a one-time mechanism for specified inter-State (ISTS) connectivity obtained using REIA Letters of Award (LoAs) issued from 1-Jan-2019 to 31-May-2025 where the PPA remained unsigned for the covered capacity.	Rajasthan connectivity procedure effective 01-Feb-2026. CERC Order 11/SM/2026 effective 10-Jul-2026.	CERC one-time relief for covered legacy LoA cases: an eligible developer may exit the LoA route without giving up connectivity by obtaining the required REIA no-objection certificate, giving a ₹8 lakh/MW performance bank guarantee and accepting a fresh project commissioning deadline of no later than 24 months from CTUIL acceptance or the firm start of connectivity, whichever is later. A separate option permits surrender of covered connectivity with return of the specified connectivity bank guarantees, subject to applicable transmission dues. This is not a general subsidy and does not apply to every delayed project.	Rajasthan Intra-STS: apply through the STU/RVPN connectivity process and complete the required studies, documents, agreement and milestones. Covered ISTS legacy LoA cases: follow CTUIL implementation of CERC Order 11/SM/2026 and the applicable option/timeline.	RERC; RVPN/STU; SLDC for Rajasthan network. CERC and CTUIL for inter-State connectivity.	https://sldc.rajasthan.gov.in/rrvpnl/SLDC-Procedure https://cercind.gov.in/2026/Orders/11-SM-2026.pdf	Do not mix the two systems: Rajasthan Intra-STS connectivity and Central ISTS connectivity are separate. For the CERC relief, first confirm that the LoA, REIA, PPA status and connectivity appear within the order's eligibility conditions and CTUIL process. Existing connectivity bank guarantees continue under the order where the developer retains connectivity. Transmission charges and other GNA obligations can still apply.
Compliance	Renewable purchase obligation	Renewable Purchase Obligation (RPO) requires specified electricity buyers and obligated entities to obtain a prescribed share of electricity from renewable sources. It creates demand for renewable electricity or Renewable Energy Certificates.	RERC RPO Regulations and First Amendment, 2026	The required percentage changes by year and type of obligated entity under the RERC schedule.	From 24-Apr-2026 amendment	RPO is a market requirement, not a direct project subsidy. It may improve demand for renewable power or certificates. The actual revenue depends on the power contract or certificate market.	RERC compliance filings	RERC	https://rerc.rajasthan.gov.in/rerc-user-files/regulations	Use current schedule for entity and year; penalties and carry-forward are fact-specific.
Tariff	Procurement and tariff determination	A tariff is the price paid for electricity. For many large projects, the price is discovered through competitive bidding and recorded in a Power Purchase Agreement. RERC also issues regulations and orders for tariffs and grid charges.	RERC Tariff Determination Regulations, 2025; Renewable Energy tariff regulations as amended 30-Jun-2026; tariff orders	The value is specific to technology, tender, commissioning year and sale arrangement; there is no one Rajasthan renewable tariff for all projects.	Current; RE tariff regulations include Third Amendment dated 30-Jun-2026	The tariff is project revenue, not a subsidy. The latest tender, PPA and RERC orders must be used in the financial model.	RERC orders / DISCOM tenders	RERC; DISCOMs; procurers	https://rerc.rajasthan.gov.in/TariffOrders	Retrieve the latest order/tender for the exact technology and commissioning year.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Land	Government and private land framework	Government land for renewable projects is normally leased under dedicated rules. Private-land treatment depends on title, land category and the legal route. The 13-Aug-2026 amendment revises wind, solar and hybrid land ceilings and provides a staged right-to-use route for qualifying projects of at least 1,000 MW that do not yet have CTU/STU connectivity. Every parcel needs title, access, land-use and restriction checks.	Rajasthan Integrated Clean Energy Policy, 2024 (including 25-Jul-2025 amendment) + 2007 RE Land Rules as amended 13-Aug-2026 + Conversion Rules	Main current costs include premium equal to two times the agricultural market value based on the District Level Committee rate; annual lease rent equal to the higher of 7.5% of premium or reserve rent; and notified annual escalation. Technology-specific area ceilings are listed in the Land & Charges sheet and were revised on 13-Aug-2026.	Current amendments through 13-Aug-2026	RIPS can give 75% exemption plus 25% reimbursement of eligible conversion charges and a similar stamp-duty benefit. The 29-Apr-2026 amendment sets renewable-energy conversion charges at 10% of the industrial-purpose rate for specified technologies. For qualifying no-connectivity projects of at least 1,000 MW, the 13-Aug-2026 rules allow right-to-use land with 10% of premium upfront and phased land allotment over 3, 6 and 9 years, subject to security, connectivity and utilization milestones. A parcel-specific calculation is essential.	Revenue Department / RRECL	Revenue Department; RRECL	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Rules/renewble%20enery%20RULES%2C%202007.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/conversion%20rules%2C%202007%20amendment%2029.4.2026.pdf https://archive.org/details/in.gazette.rajasthan.2025-08-05.extraordinary-5091206	Title, category, ceiling, route and latest DLC/rent must be checked parcel-by-parcel.
Fiscal	Core Rajasthan investment concessions	Rajasthan offers a common package of tax, duty and fee concessions to an eligible renewable-energy investment. The company must apply and receive an entitlement or eligibility certificate; simply setting up a renewable project does not automatically activate every concession.	Integrated Clean Energy Policy, 2024 + RIPS 2024	Several recurring benefits run for 7 years. Transaction benefits apply when the relevant instrument, land conversion or approval is processed.	As approved in eligibility certificate	100% electricity-duty exemption for 7 years; 75% stamp-duty exemption plus 25% reimbursement; 75% land-conversion-charge exemption plus 25% reimbursement; 100% mandi/market-fee reimbursement for 7 years; and waiver of Consent to Establish/Consent to Operate fees charged by the Rajasthan State Pollution Control Board.	Raj Nivesh / eligibility certificate	Industries Department; competent tax/fee bodies	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Definitions, caps, commencement and non-duplication rules apply.
Captive	Anchor/captive-project charge package	A captive power plant mainly supplies electricity to its owner or qualifying captive users. An eligible anchor project can receive relief from specified State grid charges when the renewable electricity is used captively and is not sold to an unrelated third party.	RIPS 2024 Anchor Booster + Integrated Policy	The policy allows captive renewable capacity up to 200% of the eligible captive requirement, subject to approval and actual rules.	Eligibility-certificate period	100% waiver or reimbursement of banking, wheeling and transmission charges for eligible captive consumption; 100% banking benefit without the cited peak-hour withdrawal restriction. Other charges, taxes and compliance costs may still apply.	Raj Nivesh / utility settlement	Industries; RRECL; SLDC; DISCOM/RVPN	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	No third-party sale under cited benefit; confirm annual cap and metering.

Policy area	Technology / subject	Policy provision	Governing instrument	Target / scope	Validity / period	Financial support and concessions	Application / implementation route	Responsible authorities	Official source	Conditions and verification points
Data centres	Renewable-energy use by data centres	Rajasthan Data Centre Policy, 2025 supports the use of renewable energy by eligible data-centre projects and provides benefits for captive renewable-energy usage. A data centre may procure or develop renewable power, including captive generation, subject to the applicable electricity, land, connectivity and open-access requirements. Battery energy storage may be used with renewable supply under Rajasthan's separate clean-energy, BESS and grid framework. The Data Centre Policy does not prescribe solar or BESS as a mandatory requirement for every data centre.	Rajasthan Data Centre Policy, 2025 + RIPS 2024; BESS treatment separately under Integrated Clean Energy Policy, 2024 and applicable RERC/RVPN procedures	The policy applies to eligible data-centre units in Rajasthan. Rajasthan's Economic Review 2025-26 confirms that the policy includes benefits for captive renewable-energy usage and encourages renewable energy as part of its sustainability framework.	Policy notified on 19-Feb-2025; subject to subsequent amendment or supersession.	Eligible data-centre enterprises may access the policy's applicable fiscal and investment incentives, subject to the prescribed eligibility and approval process. The policy provides additional support for specified early Mega or Ultra-Mega data-centre projects, including benefits linked to captive renewable-energy usage. Renewable-power and BESS savings should be quantified only after confirming the project's RIPS entitlement, power-supply structure and the applicable RERC/RVPN/DISCOM rules.	Apply under the Rajasthan Data Centre Policy/RIPS process through the prescribed State investment-approval mechanism. Captive generation, open access, grid connectivity and BESS require the applicable electricity-sector approvals.	Industries & Commerce Department; Bureau of Investment Promotion / RIPS authorities; RERC, RRECL, RVPN/DISCOM as applicable.	https://industries.rajasthan.gov.in/order/detail/946/0/201268 https://finance.rajasthan.gov.in/docs/budget/statebudget/2026-2027/Economicreviewe.pdf	The policy encourages renewable-energy use and provides benefits for captive renewable-energy usage. It does not establish a general requirement for every data centre to install solar or BESS. Confirm project eligibility, the approved incentive package and the applicable power-supply and storage rules before quantifying any benefit.
Behind meter	Behind-the-meter renewable energy	Behind-the-meter generation is installed on the consumer's side of the electricity meter and is mainly used within the premises. The policy states no maximum capacity ceiling, though technical safety and connection approvals still apply.	Integrated Clean Energy Policy, 2024	Capacity may be designed around the consumer's load. To use the perpetual electricity-duty relief cited here, the project must satisfy the no-grid-injection condition during off-peak hours.	Electricity-duty exemption in perpetuity	100% exemption from electricity duty in perpetuity for a qualifying system. This is a duty saving on eligible self-consumed electricity; it is not a cash subsidy toward equipment cost.	DISCOM approval / metering	DISCOMs; RERC	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Technical connectivity and no-injection condition must be designed and evidenced.
Residential	Rajasthan rooftop top-up	Rajasthan has started an additional rooftop-solar payment for a specified group of households already registered under the Mukhyamantri Free Electricity scheme and having their own roof.	Rajasthan Energy Department press release + PM-Surya Ghar	The cited State payment is ₹17,000. It is narrower than a general subsidy for every Rajasthan household.	Current programme/eligible tranche	Central measure: PM-Surya Ghar support is capped at ₹78,000 for an eligible residential system of 3 kW or more. Rajasthan measure: the cited programme adds ₹17,000 for the specified beneficiary group. The Rajasthan Government release expressly confirms the cited combined maximum of ₹95,000 for a beneficiary who qualifies under both.	DISCOM / PM-Surya Ghar portal	Energy Department; DISCOMs; MNRE	https://energy.rajasthan.gov.in/press-release/953/227314	Eligibility is narrower than all residential consumers; confirm registration and capacity conditions.
Approval and combination check	Approval and combination check	A policy target, a live application window, an entitlement certificate and an approved subsidy are separate matters. A Central sanction does not replace a Rajasthan land, grid or regulatory approval, and a Rajasthan approval does not create entitlement under a Central scheme.	All cited instruments	Information checked on 19 October 2026. A policy target, an available application window and an approved individual subsidy are three different things.	Point-in-time	Include a Central and a Rajasthan benefit in the same financial model only after confirming eligibility under each instrument and verifying that neither instrument prohibits or reduces the combination.	Official portals in Sources sheet	Project sponsor / adviser	https://rerc.rajasthan.gov.in/rerc-user-files/regulations	Recheck the official sources before an investment decision, bid, land application or subsidy claim, and obtain written confirmation where the interaction between two benefits is not express.

SHEET 5 OF 8

Financial Support

Financial Support, Subsidies and Concessions

Quantified measures that may reduce project cost, tax or electricity charges | eligibility and claim conditions remain essential

A stated rate is not an automatic payment. The applicant generally needs an eligibility certificate, sanction, approved tender or live scheme allocation. Where Central and Rajasthan measures address the same project, include both only if each instrument permits the combination. An exemption prevents collection of the specified charge; a reimbursement is claimed after payment; a subsidy contributes towards an eligible cost.

Type of support	Eligible technology / beneficiary	Cost or liability addressed	Rate / quantum	Benefit period / disbursement	Eligibility conditions	Combination rule / cap	Application / claim route	Governing instrument	Official source	Conditions and verification points
State fiscal	Eligible RE projects	Electricity-duty exemption	100%	7 years	Eligible project and entitlement under RIPS/integrated policy	Project-specific cap/commencement per certificate	Raj Nivesh; tax authority	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Exclude duty only; grid/tariff charges remain unless separately waived.
State fiscal	Eligible RE projects	Stamp-duty benefit	75% exemption + 25% reimbursement	At eligible instrument/transaction	Eligible investment and instrument	The 75% exemption and 25% reimbursement are two components of the cited Rajasthan benefit; the prescribed exemption and reimbursement process must be followed.	Raj Nivesh; Registration & Stamps	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Cash-flow timing differs between upfront exemption and reimbursement.
State fiscal	Eligible RE projects	Land-conversion-charge benefit	75% exemption + 25% reimbursement	At conversion	Eligible project/land route	Apply the conversion-charge rate and any RIPS relief only in the sequence confirmed by the competent authority; do not count two reductions against the same amount without written confirmation.	Raj Nivesh; Revenue Department	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Model base conversion charge first, then confirmed incentive; avoid double counting.
State fiscal	Eligible RE projects	Mandi / market fee	100% reimbursement	7 years	Eligible inputs/transactions under notified package	Subject to eligible base and filing	Raj Nivesh; competent market authority	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Relevant mainly to feedstock-linked projects; verify covered levy.
State fiscal	Eligible RE projects	Pollution-control consent fees	100% waiver of CTE/CTO fees	Approval stages	Eligible enterprise; substantive approvals still required	Fee waiver only	RSPCB / Raj Nivesh	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Environmental compliance costs and conditions continue.
RIPS ACI	Eligible manufacturing/service enterprise	Capital subsidy option	About 13%–28% of EFCI depending scale and area	Disbursement schedule per RIPS	Choose one ACI; thresholds and area category apply	Cannot stack mutually exclusive ACI options	Raj Nivesh / BIP	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Calculate from eligible fixed capital investment, not total project cost.

Type of support	Eligible technology / beneficiary	Cost or liability addressed	Rate / quantum	Benefit period / disbursement	Eligibility conditions	Combination rule / cap	Application / claim route	Governing instrument	Official source	Conditions and verification points
RIPS main incentive	Eligible enterprise	Turnover Linked Incentive: yearly payment linked to eligible sales	About 1.20%–2.00% of eligible net sales, depending on investment scale and area	Up to 10 years under the cited investor summary	The enterprise must choose this as its main Asset Creation Incentive; eligible-sales definitions and commencement date apply	Cannot be added to the capital-subsidy or SGST main option; annual and overall limits apply	Raj Nivesh / Bureau of Investment Promotion	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	This is calculated on eligible net sales, not total turnover from every location or product.
RIPS ACI	Eligible enterprise	SGST-linked investment subsidy option	75% of state tax due and deposited	7 years	Choose one ACI; actual eligible tax payment required	Annual support cannot exceed eligible tax and policy cap	Raj Nivesh / Commercial Taxes	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Benefit depends taxable sales and utilization; not an upfront grant.
RIPS booster	Sunrise / thrust / anchor / employment	Booster on selected ACI	Sunrise 25%; thrust 10%; anchor 20%; employment 10%/12.5%/15% where eligible	With selected ACI	Category and threshold tests; booster architecture in RIPS	Apply only permitted booster(s) to chosen ACI	Raj Nivesh / BIP	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Confirm combination rules in entitlement certificate.
Workforce	Eligible enterprise	Training support	50% of training cost, up to ₹4,000/worker/month	Up to 6 months	Eligible new workers/training and records	Subject to RIPS employment provisions	Raj Nivesh / BIP	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Use documented trainees, cost and claim window.
Green growth	Eligible enterprise	Environmental infrastructure support	50% of eligible environmental infrastructure cost	Project/claim-specific	Eligible assets and approvals	Policy caps/definitions apply	Raj Nivesh / BIP / RSPCB	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Separate eligible environment assets from core process capex.
Land payment concession	Mega/ultra enterprise	Deferred government-land payment	25% upfront; 75% backed by bank guarantee and paid in 10 annual instalments	10 annual instalments	Eligible scale and allotment	Financing relief, not price reduction	Revenue Department / RIICO / Raj Nivesh	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Include BG cost and annual lease/premium obligations separately.
Captive	Eligible anchor captive RE	Network charges	100% banking, wheeling and transmission charges waived/reimbursed	Approved benefit period	Captive consumption; no third-party sale; capacity up to 200% requirement	Only named charges; taxes/surcharges handled separately	Raj Nivesh; utilities/SLDC	Integrated Policy + RIPS Anchor Booster	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Confirm settlement sequence—waiver versus reimbursement—and annual caps.
Behind meter	Behind-the-meter RE consumer	Electricity duty	100% exemption	In perpetuity	No grid injection during off-peak hours; approvals/metering	No policy capacity ceiling	DISCOM / competent duty authority	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Design controls and auditable interval data are critical.
Storage	RE project with BESS ≥5% of RE capacity	T&W charge exemption	75%	7 years	Storage sizing and policy conditions	Each extra 1% storage beyond 5% adds 1 percentage point, up to 30% storage	RRECL/RVPN/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Confirm whether percentage uses MW or MWh definition in implementing order.
Storage	RE project with BESS >30% / qualifying configuration	T&W charge exemption	100%	7 years	Policy threshold and dispatch/metering conditions	Technology-specific rule	RRECL/RVPN/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Obtain written eligibility before assuming full waiver.
Storage	Standalone BESS	T&W charge exemption	100% for supply in peak/non-solar hours	7 years	Qualifying dispatch window and metering	Applies to specified supply, not all flows	RERC/RVPN/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Model charge treatment by interval and point of connection.
Storage	BESS at 11/33 kV substations	T&W charge exemption	100%	Policy-defined period	Eligible substation configuration/procurement	Tender/PPA may allocate value differently	DISCOM / RRECL	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Tender economics and ownership model prevail.

Type of support	Eligible technology / beneficiary	Cost or liability addressed	Rate / quantum	Benefit period / disbursement	Eligibility conditions	Combination rule / cap	Application / claim route	Governing instrument	Official source	Conditions and verification points
Storage	Eligible BESS project	Central VGF	Up to 40% of capital cost under cited MoP scheme	Scheme/tender-specific	Competitive selection; capacity and DISCOM-availability conditions	Central tender-specific funding. Combination with Rajasthan concessions is not assumed unless the tender and State eligibility documents permit it.	Ministry of Power / implementing agency	MoP BESS VGF Scheme	https://powermin.gov.in/static/uploads/2025/08/7c53eb44b7a4438758136116fb57d7c2.pdf	Do not treat as automatic state entitlement.
Green hydrogen	First eligible mega/ultra units	Sunrise booster	25% on chosen ACI	RIPS entitlement period	Among first three eligible units and sunrise-sector conditions	ACI/booster combination rules apply	Raj Nivesh / BIP	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Queue position and eligibility date must be confirmed.
Green hydrogen	Eligible producer	Interest subvention	5% on term loan for plant & machinery	5 years	Eligible borrowing and investment	Aggregate ceiling stated as 2.5% of EFCI spread over 5 years	Raj Nivesh / lender / BIP	Integrated Policy + RIPS	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	The ceiling can bind before headline 5%; model both.
Green hydrogen	First 500 kTPA; max 50 kTPA/project	Intrastate T&W and electricity duty	50% waiver	7 years	Renewable electricity for hydrogen; projects up to 31-Mar-2029	Capacity and first-mover caps	RRECL/RVPN/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Confirm allocation within 500 kTPA pool and commencement date.
Green hydrogen	Captive/group renewable supply	CSS and additional surcharge	Waived	Special-package period	Renewable supply for in-state green-hydrogen production through permitted structure	Legal structure and open-access approvals matter	RERC/SLDC/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Other open-access charges may remain.
Green hydrogen	Eligible renewable supply	Banking	Up to one-third of energy injected in each 15-minute block; 30-day bank	Policy states 25 years	For green-hydrogen production; banking charge formula applies	Banking is not free; tariff–DAM differential framework cited	SLDC/DISCOM	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Model interval limits, expiry and banking charge.
Residential solar	Eligible household	PM-Surya Ghar central CFA	₹30,000/kW first 2 kW + ₹18,000 third kW; max ₹78,000	Implementation through 31-Mar-2027	Residential consumer and scheme/technical requirements	The cited Rajasthan top-up may be added where the household independently satisfies the State eligibility conditions.	National rooftop portal / DISCOM	PM Surya Ghar: Muft Bijli Yojana	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	Benchmark-cost and amendment rules govern; verify current portal sanction.
Residential solar	Eligible Rajasthan beneficiary	State rooftop top-up	₹17,000	Eligible tranche	Registered Mukhyamantri Free Electricity beneficiary with own roof; cited minimum capacity context	The Rajasthan Government release confirms a combined maximum of ₹95,000 with PM-Surya Ghar for a beneficiary who qualifies under both measures.	Rajasthan DISCOM / Energy Department	State press release	https://energy.rajasthan.gov.in/press-release/953/227314	Not a universal Rajasthan household top-up.

Type of support	Eligible technology / beneficiary	Cost or liability addressed	Rate / quantum	Benefit period / disbursement	Eligibility conditions	Combination rule / cap	Application / claim route	Governing instrument	Official source	Conditions and verification points
Agricultural solar	Farmers / feeder solarisation	PM-KUSUM CFA	Central Financial Assistance generally up to 30% of the benchmark or tender cost for eligible pump components in an ordinary State	Original scheme through 31-Mar-2026; eligible legacy-project completion through 31-Mar-2027; Components A/C financial closure by 30-Nov-2026	Component A/C financial closure deadline is 30-Nov-2026. The completion extension to 31-Mar-2027 is limited to projects with the required PPA/NTP issued by 31-Dec-2025; no new liabilities after that cutoff. Rajasthan allocation, component, vendor and beneficiary conditions apply.	No separate Rajasthan subsidy is included unless the current State sanction or tender confirms the amount and permits the proposed financing structure.	PM-KUSUM portal / Rajasthan SIA	PM-KUSUM	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Use Rajasthan sanction/tender values, not national headline alone. MNRE allows the extension only for eligible legacy projects; the current scheme is not reopened to new liabilities.
Bioenergy	Pellet/briquette plant	MNRE CFA	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications.	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	New machinery; portal and performance conditions	BioUrja reports that funds are exhausted; proposals received on or after 10-Oct-2024 depend on Phase II budget approval. Treat the rate as unavailable without a valid sanction or later funding approval.	BioUrja / IREDA	National Bioenergy Programme — Phase-I	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	Do not include this amount in the base case without documentary evidence of sanction and fund availability.
Bioenergy	Non-bagasse biomass cogeneration	MNRE CFA	₹40 lakh/MW; max ₹5 crore/project	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	New equipment, SCADA and programme conditions	BioUrja reports that funds are exhausted; proposals received on or after 10-Oct-2024 depend on Phase II budget approval. Bagasse cogeneration is excluded.	BioUrja / IREDA	National Bioenergy Programme — Phase-I	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Do not include this amount in the base case without documentary evidence of sanction and fund availability.
Waste-to-energy	Biogas / BioCNG / biogas power / agro-waste power	MNRE CFA	Biogas ₹0.25cr/12,000 m^3/day; new BioCNG ₹4cr/4,800kg/day; existing ₹3cr; biogas power ₹0.75cr/MW new or ₹0.5cr/MW existing; other bio/agro-waste power ₹0.4cr/MW	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	New equipment and portal/monitoring rules; eligible feedstock/technology	BioUrja reports that funds are exhausted; proposals received on or after 17-Oct-2024 depend on Phase II budget approval. Thermal municipal-solid-waste or RDF power is excluded.	BioUrja / IREDA	National Bioenergy Programme — Phase-I	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	Do not include these amounts in the base case without documentary evidence of sanction and fund availability.

Type of support	Eligible technology / beneficiary	Cost or liability addressed	Rate / quantum	Benefit period / disbursement	Eligibility conditions	Combination rule / cap	Application / claim route	Governing instrument	Official source	Conditions and verification points
Small hydro	Eligible 1–25 MW small-hydro project	MNRE project CFA	Outside qualifying international-border districts: 20% of the lower of CERC normative capital cost or actual cost, capped at ₹20 crore. In qualifying international-border districts: 30%, capped at ₹30 crore.	FY2026-27–FY2030-31; fresh applications close 31-Dec-2030	Project must satisfy the MNRE scheme, district category, competitive allotment, construction timing, PPA, milestones and performance conditions	Central project assistance is separate from Rajasthan land, tax and approval measures; combined use must be confirmed for the project and no cost may be claimed twice.	National RE portal / MNRE	MNRE SHP Scheme	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	A valid PPA of at least 15 years is required for the first CFA instalment; construction must have begun after the scheme announcement. Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Small hydro	Central or State government department, public-sector undertaking or State nodal agency preparing an eligible SHP DPR	DPR preparation support	₹10 lakh up to 15 MW + ₹50,000/MW above 15 MW; max ₹15 lakh	Scheme period	Accepted DPR and scheme conditions	Available only to the public-sector applicant categories stated by MNRE; it is not a general private-developer reimbursement.	National RE portal / MNRE	MNRE SHP Scheme	https://nrep.mnre.gov.in/guidelines-shp	Confirm application timing and disbursement milestone.
Green hydrogen	Awarded SIGHT beneficiary	Production / electrolyser incentive	Competitive allocation within ₹17,490 crore SIGHT outlay	To FY2029-30	Only competitively selected beneficiaries under relevant tranche	A competitive Central award is separate from the Rajasthan package. Combined eligibility is not assumed and must be confirmed under both instruments.	MNRE / SECI	National Green Hydrogen Mission	https://mnre.gov.in/en/national-green-hydrogen-mission/	Use award-specific quantity, incentive trajectory and performance obligations.
Solar manufacturing	Selected PLI bidder	Production-linked incentive	Award-specific within national high-efficiency PV module PLI	Scheme/award period	Competitive award and performance/local-value conditions	A competitive Central award is separate from RIPS. Combined eligibility is not assumed and must be confirmed under both instruments.	MNRE / implementing agency	MNRE PLI	https://mnre.gov.in/en/production-linked-incentive-pli/	Use executed award terms only.

SHEET 6 OF 8

Land & Charges

Land Cost, Lease Rent, Conversion & Area Norms

Parcel-specific costs depend on the District Level Committee rate, technology, project size and legal route

For an initial estimate, calculate each item separately: land premium, annual lease rent, escalation, security deposit or bank-guarantee cost, conversion charge, stamp duty, access roads, transmission access, water and compliance costs. Apply any exemption or reimbursement only after its eligibility and calculation sequence have been confirmed.

Land or cost item	Applicable technology	Provision / quantitative term	Financial effect	Application / approval route	Governing instrument	Official source	Conditions and verification points
Government-land lease term	All eligible RE power projects	30-year lease; possible 10-year renewal	Long-tenor access; renewal repriced under current rule	Revenue Department / allotting authority	2007 RE Land Rules	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Rules/renewble%20enery%20RULES%2C%202007.pdf	Confirm allotment order, start date, renewal discretion and use milestones.
Premium	All eligible government-land allotments	Two times market value based on DLC agricultural-land rate	Large upfront land cost; changes with parcel DLC	Revenue Department	First Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%2017-03-2025%2017-Mar-2025%2017-32-05.pdf	Obtain current DLC rate and exact category before financial close.
Annual lease rent	All eligible government-land allotments	7.5% of premium or reserve lease rent, whichever higher	Recurring annual cost	Revenue Department	Second Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%20-%20Regarding%20Amaendment%20in%20Rules%20Renewable%20Energy%20based%20Power%20plants.pdf	Calculate both tests for each parcel.
Reserve lease rent	All eligible government-land allotments	₹31,500/hectare/year for FY2026-27, using the notified ₹30,000 FY2025-26 reserve rent and 5% annual escalation	Floor for annual rent	Revenue Department	Second Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%20-%20Regarding%20Amaendment%20in%20Rules%20Renewable%20Energy%20based%20Power%20plants.pdf	Escalate the notified FY2025-26 reserve rent by 5% for FY2026-27; confirm later notified rate before use.

Land or cost item	Applicable technology	Provision / quantitative term	Financial effect	Application / approval route	Governing instrument	Official source	Conditions and verification points
Rent escalation	All eligible government-land allotments	Actual annual lease rent +10% each year; reserve lease rent +5% each year	Material long-term escalation	Revenue Department	Second Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%20-%20Regarding%20Amaendment%20in%20Rules%20Renewable%20Energy%20based%20Power%20plants.pdf	Confirm whether escalation is simple annual step and anniversary basis in allotment order.
Land security deposit	Power project / RE park	₹1 lakh/MW; cash/RTGS below 2,000 MW; at/above 2,000 MW, first 2,000 MW cash and excess may be bank guarantee	Working-capital / BG cost; refundable proportionate to commissioned capacity; forfeiture risk	RRECL	Integrated Clean Energy Policy, 2024 + RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	For qualifying RE/RE park/green-hydrogen projects of at least 1,000 MW without CTU/STU connectivity, the 13-Aug-2026 rules allow a right-to-use route after 10% of premium is deposited and applicable land security is paid. Within 3 years, obtain in-principle CTU/STU connectivity or the required Electricity Act section 68 transmission-line approval. At least 1/3, 2/3 and all land must be allotted by years 3, 6 and 9. Unused land/allotment may be withdrawn and security/upfront premium forfeited; utilization is tied to SCOD/firm connectivity, capped at 9 years. Annual interim land charge is 10% of lease rent until the lease deed.
Biomass land security	Biomass project using government land	₹1 lakh/MW	Refundable after commissioning; forfeitable if land unused	RRECL / Revenue Department	Integrated Policy + land rules	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Check whether capacity basis and refund are reflected in allotment letter.
Solar land ceiling	Crystalline / thin-film solar	2.0 ha/MW crystalline; 2.0 ha/MW thin-film/amorphous, with or without tracker	Caps allotable/registrable project land	RRECL / Revenue Department	RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	13-Aug-2026 amendment applies the 2.0 ha/MW ceiling to the listed solar PV configurations. Reserve 10% of total allotted land for tree plantation.
Tracker solar ceiling	Solar with tracker	2.0 ha/MW	Same ceiling as fixed-tilt crystalline under the 13-Aug-2026 rules	RRECL / Revenue Department	RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	Document tracker technology in the DPR. Reserve 10% of total allotted land for tree plantation.

Land or cost item	Applicable technology	Provision / quantitative term	Financial effect	Application / approval route	Governing instrument	Official source	Conditions and verification points
Hybrid land ceiling	Wind-solar hybrid	Land for solar and wind components is based on their individual capacities; overall hybrid ceiling is 2.5 ha/MW of declared hybrid capacity	Technology-specific area cap	RRECL / Revenue Department	RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	Confirm component capacities and shared-infrastructure treatment. Reserve 10% of total allotted land for tree plantation.
Solar thermal ceiling	Solar thermal	3.0 ha/MW up to 21% PLF + 0.15 ha/MW for each additional 1% PLF	Land rises with designed PLF	RRECL / Revenue Department	RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	Validate design PLF and storage area treatment. Reserve 10% of total allotted land for tree plantation.
Wind land ceiling	Wind power	2.0 ha/MW	Maximum policy land norm	RRECL / Revenue Department	RE Land Rules amendment, 13-Aug-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	The 13-Aug-2026 amendment reduced the wind ceiling from 2.5 to 2.0 ha/MW. Reserve 10% of total allotted land for tree plantation.
CBG land ceiling	Compressed biogas	For 1 MTPD: 1 acre plant + 2.5 acres feedstock storage, proportionate	Constrains government-land requirement	Revenue Department	Third Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/DocScanner%205%20Dec%202025%2011-35%20am.pdf	Land norms remain from the 2025 amendment. For government land allotments, reserve 10% of the total area for tree plantation under the 13-Aug-2026 amendment.
Bio-coal land ceiling	Bio-coal	2 acres per 100 MTPD, proportionate	Government-land cap	Revenue Department	Third Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/DocScanner%205%20Dec%202025%2011-35%20am.pdf	Land norms remain from the 2025 amendment. For government land allotments, reserve 10% of the total area for tree plantation under the 13-Aug-2026 amendment.
Bio-ethanol land ceiling	Bio-ethanol	1.5 acres per 100 KL capacity, proportionate	Government-land cap	Revenue Department	Third Amendment, 2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/DocScanner%205%20Dec%202025%2011-35%20am.pdf	Land norms remain from the 2025 amendment. For government land allotments, reserve 10% of the total area for tree plantation under the 13-Aug-2026 amendment.

Land or cost item	Applicable technology	Provision / quantitative term	Financial effect	Application / approval route	Governing instrument	Official source	Conditions and verification points
Renewable-energy conversion rate	Solar, wind, biomass, gasifier, biogas, Bio-CNG/CBG, hydro, PSP, qualifying BESS, pooling substation	Conversion charge set at 10% of industrial-purpose rate under 29-Apr-2026 amendment	Reduced conversion-charge base before any separately confirmed RIPS relief	Revenue Department	Conversion Rules amendment, 2026	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/conversion%20rules%2C%202007%20amendment%2029.4.2026.pdf	Qualifying BESS must meet stated ≥85% RE-charging condition; route-specific interpretation needed.
SC/ST land relief	Solar and wind land held by SC/ST khatedar tenants	No conversion charges under compiled conversion rules	Potential full conversion-charge saving	Revenue Department	Conversion Rules compilation	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Portal-Documents/Conversion%20Rules%202007%20-%20All%20Amendments.pdf	Verify owner status, land title and continued applicability after 2026 amendments.
Private agricultural land	RE projects / parks	Integrated policy permits specified private agricultural-land route without conversion, subject to tenancy/revenue law	May avoid conversion process/cost in qualifying route	Revenue Department / RRECL	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Reconcile with 2026 conversion-rule route in a parcel-specific legal opinion; do not assume automatic exemption.
BESS concessional land	BESS supplying Rajasthan DISCOMs	Government land may be allotted at concessional rates	Potentially lowers site cost	Revenue Department / DISCOM / RRECL	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Rate and procurement-linked eligibility require project-specific order.
Green-hydrogen priority land	Projects using brine/treated wastewater with co-located RE	Priority government-land allotment contemplated	Priority, not a stated cash subsidy	Revenue Department / RRECL	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Water source, co-location and allotment order remain prerequisites.
WTE siting	Waste-to-energy	Land near landfill or suitable land under concerned department	Can reduce feedstock logistics; terms project-specific	ULB / concerned department	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	No generic free-land entitlement; obtain lease and waste-supply terms.
Water infrastructure	Solar PV cleaning / solar thermal	State may allocate water subject to availability; developer bears infrastructure modification cost	Developer capex/opex obligation remains	Water Resources / local authority	Integrated Policy	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf	Secure quantity, quality, tariff and drought/priority conditions.
Deferred land payment	Mega/ultra enterprise	25% upfront; 75% supported by BG and paid over 10 annual instalments under RIPS route	Liquidity support, with BG/financing cost	Raj Nivesh / allotting authority	RIPS 2024	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	Confirm whether this applies to the chosen land-owning agency and allotment.
Restricted / sensitive land	All technologies	Forest, protected, defence, archaeological, ecological and other restricted land remains subject to applicable law	May add mitigation, delay or make site unavailable	Relevant competent authorities	Applicable land/environment laws	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Rules/renewble%20enery%20RULES%2C%202007.pdf	GIS screening and title/legal due diligence are mandatory.

SHEET 7 OF 8

MNRE Schemes

Central Government Schemes Relevant to Rajasthan

MNRE means Ministry of New and Renewable Energy | scheme assistance remains subject to current allocation, application, sanction and milestones

Central Financial Assistance (CFA) is support under a notified Central scheme. Rajasthan land, grid, regulatory and State-incentive approvals remain separate. The two layers are treated as cumulative only where both sets of official conditions permit the combination.

Technology	Central scheme / policy	Financial support or regulatory effect	Relevance in Rajasthan	Current availability	Implementation route	Official source	Conditions and verification points
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Central subsidy is ₹30,000 per kW for the first 2 kW and ₹18,000 for the third kW, capped at ₹78,000. An otherwise eligible Rajasthan household may also receive the ₹17,000 State top-up.	An eligible 1 kW system receives up to ₹30,000 central support; 2 kW up to ₹60,000; 3 kW or more up to ₹78,000. With the Rajasthan top-up, the cited combined maximum is ₹95,000.	Implementation through 31-Mar-2027; residential and portal eligibility applies	National rooftop portal and Rajasthan DISCOM	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	Residential eligibility, approved vendor/technical process, installed capacity, inspection and portal sanction apply. The State top-up has narrower beneficiary conditions.
Agricultural solar	PM-KUSUM	For eligible pump components in an ordinary State, Central Financial Assistance is generally up to 30% of the benchmark or tender cost. Eligible legacy projects with PPA/NTP issued by 31-Dec-2025 may complete by 31-Mar-2027. Components A and C financial closure is due 30-Nov-2026; no new liabilities are created after 31-Dec-2025.	Farmers may use solar pumps, solarise existing pumps/feeders, or participate in small solar plants only through a Rajasthan allocation or sanction. The 2026 extension applies to eligible legacy projects; it does not reopen scheme applications.	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	PM-KUSUM portal and Rajasthan implementing agency / DISCOM	https://pmkusum.mnre.gov.in/landing.html https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=209&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	No new liabilities after 31-Dec-2025. Completion extension is for eligible legacy projects with timely PPA/NTP, while the 30-Nov-2026 financial-closure date applies to Components A and C. Confirm the Rajasthan allocation, vendor, tender price, beneficiary contribution and sanction.
Utility solar	Development of Solar Parks and Ultra Mega Solar Power Projects	Up to ₹25 lakh per approved solar park for the Detailed Project Report; plus up to ₹20 lakh per MW or 30% of eligible park-development cost including grid connectivity, whichever is lower, on achieving scheme milestones. The scheme runs through 31-Mar-2029 for completion of approved parks.	An approved Solar Power Park Developer may use the support for common infrastructure. An individual generator may benefit indirectly through prepared land and shared facilities but generally does not receive the CFA directly.	Approved parks only; completion period through 31-Mar-2029 New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	MNRE and the approved Solar Power Park Developer	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://pib.gov.in/PressReleasePage.aspx?PRID=2199729 https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Do not treat this as new park approval or show the full park assistance as income of each generator. Confirm the park sanction and milestone. Do not claim the same infrastructure cost under another scheme unless permitted.
Solar manufacturing	High-Efficiency Solar PV Module PLI	Production-linked incentive for selected awardees	Only if Rajasthan unit is an awarded/eligible manufacturing facility	Award-specific	MNRE / implementing agency	https://mnre.gov.in/en/production-linked-incentive-pli/	Competitive award; not generally open to every manufacturer.

Technology	Central scheme / policy	Financial support or regulatory effect	Relevance in Rajasthan	Current availability	Implementation route	Official source	Conditions and verification points
Solar procurement	ALMM	Eligibility/listing condition for specified government-supported/procured projects	Affects module sourcing and project cost	Current list/orders	MNRE ALMM portal	https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/	Compliance mechanism, not financial aid; use latest list and applicable order.
Wind	Onshore wind policies and bidding guidelines	Competitive procurement, technical and siting framework	Applicable to Rajasthan wind/hybrid development	Current guidelines	MNRE / procurer / state agencies	https://mnre.gov.in/en/wind-policy-and-guidelines/	No universal project CFA identified; tender economics govern.
Wind	Repowering policy	Framework for replacing older turbines and using existing sites/infrastructure	Relevant to eligible Rajasthan legacy sites	Current central policy	MNRE / RRECL / utilities	https://mnre.gov.in/en/notice/policy-for-repowering-of-the-wind-power-projects/	PPA, pooling capacity, land and evacuation treatment must be resolved.
Green hydrogen	National Green Hydrogen Mission / SIGHT	₹17,490 crore national SIGHT outlay for production and electrolyser manufacturing incentives	Only a competitively selected beneficiary can receive a SIGHT incentive. Any Rajasthan package is separately governed by the State eligibility certificate.	To FY2029-30	MNRE / SECI / notified implementing agency	https://mnre.gov.in/en/national-green-hydrogen-mission/	Use the specific tranche and award terms. The national outlay is not the amount payable to one project, and combination with a Rajasthan benefit is not assumed.
Biomass	National Bioenergy Programme — Biomass component	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications. Non-bagasse cogeneration: ₹40 lakh/MW, cap ₹5 crore/project.	The cited rates remain relevant only for a validly sanctioned project or if Phase II funding is approved. A qualifying Rajasthan enterprise may separately examine RIPS.	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	BioUrja / IREDA	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Waste-to-energy	National Bioenergy Programme — Waste-to-Energy component	Output/technology-linked CFA for biogas, BioCNG, biogas/agro-waste power and gasifiers	The cited rates remain relevant only for a validly sanctioned project or if Phase II funding is approved. Rajasthan land and investment measures are separate.	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	BioUrja / IREDA	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://mnre.gov.in/en/waste-to-energy/	BioUrja reports that funds are exhausted; waste-to-energy proposals received on or after 17-Oct-2024 depend on Phase II budget approval. Thermal municipal-solid-waste or RDF power is excluded. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Technology	Central scheme / policy	Financial support or regulatory effect	Relevance in Rajasthan	Current availability	Implementation route	Official source	Conditions and verification points
Small hydro	Small Hydro Power Development Scheme	Outside qualifying international-border districts: 20% of the lower of the CERC normative capital cost or actual cost, capped at ₹20 crore. In qualifying international-border districts: 30%, capped at ₹30 crore. DPR support for specified public-sector applicants is available up to ₹15 lakh.	Applicable to an eligible Rajasthan project after confirming whether its location is a qualifying international-border district. State land, water, clearance, tariff and any RIPS treatment remain separate.	FY2026-27–FY2030-31; fresh applications close 31-Dec-2030	National RE portal / MNRE	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Construction must begin after the scheme announcement. A competitively allotted project and a valid Power Purchase Agreement of at least 15 years are required; confirm all statutory clearances and milestones. Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Battery storage	MoP BESS VGF (cross-reference)	Up to 40% capital-cost VGF under cited central scheme	May apply to selected Rajasthan procurement	Tender/scheme-specific	Ministry of Power / implementing agency	https://powermin.gov.in/static/uploads/2025/08/7c53eb44b7a4438758136116fb57d7c2.pdf	Included for completeness although administered by Ministry of Power, not MNRE.
All RE	Competitive bidding / interstate market framework	Central bidding guidelines and ISTS/open-market rules can shape revenue and charges	Applicable when project sells through central/interstate route	Instrument-specific	SECI/NTPC/other procurer; CERC/CTU	https://mnre.gov.in/en/wind-policy-and-guidelines/	Use the exact tender and current CERC/CTU orders; no generic incentive assumed.

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Sources

Official Source Register

Official policies, regulations and portal links cited in this workbook | use this register when refreshing the tracker

Last checked 19-Oct-2026. A source may be amended or superseded, and implementation may depend on a later order, budget allocation, tender or sanction. The final column identifies the event that should trigger a fresh review.

Policy / instrument	Jurisdiction / issuing body	Technology scope	Status / date reviewed	Official source	Use in tracker	Recheck trigger
Rajasthan Integrated Clean Energy Policy, 2024	Rajasthan Energy Department / RRECL	All clean-energy technologies	Policy dated 2024; amended by notification dated 25-Jul-2025; reviewed 19-Oct-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rajasthan-integrated-clean-energy-policy.pdf https://archive.org/details/in.gazette.rajasthan.2025-08-05.extraordinary-5091206	Umbrella targets, technology rules, state concessions	Superseding policy / implementation order
Rajasthan Investment Promotion Scheme (RIPS), 2024	Industries Department / BIP	Eligible enterprises, including RE and manufacturing	Current scheme reviewed 19-Oct-2026	https://istart.rajasthan.gov.in/public/Policies/2024/rips-2024.pdf	ACI, boosters, fiscal and operating incentives	RIPS amendment / entitlement certificate
Rising Rajasthan renewable-energy page	Government of Rajasthan	Sector summary	Live page reviewed 19-Oct-2026	https://rising.rajasthan.gov.in/renewable-energy	Cross-check of investor-facing summary	Page update
RE Land Allotment Rules, 2007	Revenue Department	Government land for RE	Base rules as amended through 13-Aug-2026; reviewed 19-Oct-2026	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Rules/renewble%20energy%20RULES%2C%202007.pdf https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/DOC-20260813-WA0020.pdf	Lease framework, revised area ceilings, staged land allotment for qualifying large projects, storage land and transfer route	Further amendment / implementation order
RE Land Rules First Amendment, 2025	Revenue Department	All eligible RE land	17-Mar-2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%2017-03-2025%2017-Mar-2025%2017-32-05.pdf	Premium calculation	DLC revision / later amendment
RE Land Rules Second Amendment, 2025	Revenue Department	All eligible RE land	2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/2025/Notification%20-%20Regarding%20Amaendment%20in%20Rules%20Renewable%20Energy%20based%20Power%20plants.pdf	Annual rent and escalation	FY reserve-rent update

Policy / instrument	Jurisdiction / issuing body	Technology scope	Status / date reviewed	Official source	Use in tracker	Recheck trigger
RE Land Rules Third Amendment, 2025	Revenue Department	CBG, bio-coal, bio-ethanol	2025	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Notification/DocScanner%205%20Dec%202025%2011-35%20am.pdf	Biofuel area norms	Later area-norm amendment
Conversion Rules amendment, 2026	Revenue Department	Broad RE definition including qualifying BESS	29-Apr-2026	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/notification/2026/conversion%20rules%2C%202007%20amendment%2029.4.2026.pdf	10%-of-industrial conversion-charge rate	Clarificatory order / newer amendment
Conversion Rules compilation	Revenue Department	Land conversion; SC/ST relief	Compilation available on portal	https://landrevenue.rajasthan.gov.in/content/dam/landrevenue/revenuedepartment/Revenue-New/Portal-Documents/Conversion%20Rules%202007%20-%20All%20Amendments.pdf	Special exemption and background	Post-2026 consolidated rules
RERC Regulations index	RERC	BESS, RPO, distributed RE, GEOA, tariff	Current regulations reviewed 19-Oct-2026; latest RE tariff amendment dated 30-Jun-2026	https://rerc.rajasthan.gov.in/rerc-user-files/regulations	Current identification of RERC rules including BESS, RPO, distributed RE, GEOA and RE tariff amendments	New regulation/amendment
RERC Tariff Orders	RERC	Tariffs and charges	RERC tariff orders reviewed 19-Oct-2026	https://rerc.rajasthan.gov.in/TariffOrders	Project charge/tariff diligence	New annual/order-specific decision
Rajasthan rooftop top-up release	Energy Department	Residential rooftop solar	Official press release	https://energy.rajasthan.gov.in/press-release/953/227314	₹17,000 state top-up and beneficiary scope	Revised eligibility/budget
Rajasthan virtual/group net-metering release	Energy Department	Distributed solar	30-Dec-2025 press release	https://energy.rajasthan.gov.in/press-release/953/83477	Implementation evidence	DISCOM procedure/order
PM-Surya Ghar guidelines	MNRE	Residential rooftop solar	Official provisions checked 19-Oct-2026. Residential eligibility, CFA rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096 4295.pdf	Central scheme framework	Guideline amendment
PM-Surya Ghar CFA operational guidelines	MNRE	Residential rooftop solar	Official provisions checked 19-Oct-2026. Residential CFA ₹30,000/kWp first 2 kWp + ₹18,000 next 1 kWp; cap ₹78,000	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096 4295.pdf	CFA slabs	CFA amendment

Policy / instrument	Jurisdiction / issuing body	Technology scope	Status / date reviewed	Official source	Use in tracker	Recheck trigger
PM-KUSUM	MNRE	Agricultural/decentralized solar	Official provisions checked 19-Oct-2026. Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://pmkusum.mnre.gov.in/landing.html https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=209&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Central agricultural-solar support, scheme sunset, liability cut-off and later project extensions	Fresh extension/ allocation
Solar Parks Scheme	MNRE	Utility solar parks	Official provisions checked 19-Oct-2026. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://pib.gov.in/PressReleasePage.aspx?PRID=2199729 https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Central park-infrastructure support and current completion deadline for previously approved parks	New sanction/guideline
Solar PV PLI	MNRE	PV manufacturing	Award-based	https://mnre.gov.in/en/production-linked-incentive-pli/	National manufacturing incentive	New tranche/award
ALMM	MNRE	Solar modules/cells	Current lists/orders	https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/	Procurement compliance	List/order update
Wind policies and guidelines	MNRE	Wind/hybrid	Current portal collection	https://mnre.gov.in/en/wind-policy-and-guidelines/	Central technical/bidding framework	New guideline
Wind Repowering Policy	MNRE	Wind	Current policy	https://mnre.gov.in/en/notice/policy-for-repowering-of-the-wind-power-projects/	Repowering framework	Amendment
National Green Hydrogen Mission	MNRE	Green hydrogen/derivatives/electrolysers	To FY2029-30	https://mnre.gov.in/en/national-green-hydrogen-mission/	SIGHT and national mission	New SIGHT tranche/award
SIGHT production incentive	MNRE	Green hydrogen production	Mode-1 guideline	https://mnre.gov.in/en/notice/strategic-interventions-for-green-hydrogen-transition-sight-programme-component-ii-incentive-scheme-for-green-hydrogen-production-under-mode-1/	Award-specific production support	New tranche/award
MNRE Biomass Programme	MNRE	Pellets/briquettes; non-bagasse cogeneration	Official provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	National Bioenergy Programme — Biomass component; revised pellet rates effective for post-16-Jul-2024-OM applications	Phase II budget approval, fresh allocation or successor programme
MNRE WTE Programme	MNRE	Biogas, BioCNG, waste-based energy	Official provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	https://mnre.gov.in/en/waste-to-energy/ https://biourja.mnre.gov.in/about-the-programme	National Bioenergy Programme — Waste-to-Energy component; existing sanctions and separate biogas application status	Phase II budget approval, fresh allocation or successor programme

Policy / instrument	Jurisdiction / issuing body	Technology scope	Status / date reviewed	Official source	Use in tracker	Recheck trigger
BioUrja Scheme Highlights	MNRE / IREDA	Biomass and WTE	Official provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	Detailed historic CFA rates, application dates and current funding caveat	Phase II budget approval, fresh allocation or portal notice
MNRE SHP Development Scheme	MNRE	Small hydro 1–25 MW	Official provisions checked 19-Oct-2026. Location-specific CFA; construction eligibility; applications through 31-Dec-2030	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741 3059.pdf	Current project CFA, location-based rate and national target	Guideline amendment
SHP National Renewable Energy Portal FAQs	MNRE	Small hydro	Live portal	https://nrep.mnre.gov.in/faq	20% or 30% location-based CFA, caps, DPR support, PPA and implementation conditions	Portal or guideline amendment
BESS VGF Scheme reference	Ministry of Power	Battery storage	Central scheme	https://powermin.gov.in/static/uploads/2025/08/7c53eb44b7a4438758136116fb57d7c2.pdf	Cross-ministry central support	New tender/scheme revision
RERC/RVPN Procedure for Grant of Connectivity to Intra-State Transmission System	RERC / Rajasthan STU (RVPN)	Generating stations, RE plants, RE parks, ESS, captive plants and other eligible users	Effective 01-Feb-2026; reviewed 19-Oct-2026	https://sldc.rajasthan.gov.in/rrvpnl/SLDC-Procedure	State transmission-connectivity scope and implementation route	Procedure amendment / RERC Grid Code amendment
CERC Order in Petition No. 11/SM/2026	CERC / CTUIL	Specified ISTS connectivity granted on REIA LoA route where PPA remains unsigned	Order dated 10-Jul-2026; reviewed 19-Oct-2026	https://cercind.gov.in/2026/Orders/11-SM-2026.pdf	One-time options to retain, substitute or surrender covered connectivity; BG and SCOD conditions	CTUIL implementation notice / appeal / later CERC order or GNA amendment
Rajasthan Data Centre Policy, 2025	Industries & Commerce Department, Rajasthan	Eligible data-centre units and parks	Effective 19-Feb-2025; reviewed 19-Oct-2026	https://industries.rajasthan.gov.in/order/detail/946/0/201268	Data-centre policy status and incentive framework	Policy amendment / superseding data-centre policy
Rajasthan Economic Review 2025-26 — Data Centre Policy cross-check	Finance Department, Rajasthan	Data-centre investment and captive-RE policy context	Official Economic Review; reviewed 19-Oct-2026	https://finance.rajasthan.gov.in/docs/budget/statebudget/2026-2027/Economicreviewe.pdf	Independent official cross-check that the Data Centre Policy includes benefits for captive renewable-energy usage	Next Economic Review / policy amendment

Tamil Nadu Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage

Updated 19 October 2026

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Synopsis

Tamil Nadu Renewable Energy: Policy and Investment Synopsis

Tamil Nadu has a substantial installed solar and wind base, with further development proposed in rooftop solar, batteries and pumped storage. Its framework combines technology-specific policies, electricity regulations and utility procurement programmes.

1. Policy Overview

- Major instruments: Solar Energy Policy 2019; wind repowering policy amended in January 2026; TNERC's rooftop-solar regulations 2021; and Green Energy Open Access Regulations 2025.
- Installed renewable capacity: 30,070.37 MW at 30 September 2026, comprising 14,353.58 MW solar, 12,335.42 MW wind, 1,055.12 MW bio-power, 123.05 MW small hydro and 2,203.20 MW large hydro.
- Solar composition: 12,641.87 MW ground-mounted, 1,635.80 MW rooftop and 75.91 MW off-grid/KUSUM-B.
- Policy status: The solar policy remains operative until superseded. The amended wind repowering framework remains court-affected in the tracker.

2. Major Commitments and Projections

- Renewable energy goal: Meet 50% of total energy consumption from renewables by 2031. The solar policy's 9,000 MW-by-2023 target is historical.
- Rooftop proposal: Add 550 MW during FY2026–27.
- Battery pipeline: 500 MW/1,000 MWh VGF-backed BESS, 375 MW/1,500 MWh PSDF-backed BESS and co-located pilots comprising 30 MW solar with 30 MW/90 MWh batteries.
- Pumped storage: Kundah's 500 MW project is under construction. Another 15 envisaged projects total 14,500 MW at various stages. These figures represent development stages, not commissioned capacity or assured investment opportunities.

3. Investment Framework

- Supply routes: Utility contracts, captive consumption and third-party open access. Green open access covers eligible HT and EHT consumers from 63 kVA contracted demand.
- Banking: Eligible intra-State banking carries an 8% energy charge and normally operates within the calendar month without carry-forward. Third-party purchases and sales receive no banking facility. Specified older wind projects retain an annual-banking exception.
- Rooftop solar: Domestic consumers may use net metering within sanctioned load. Eligible net-billing systems are capped at sanctioned load or 999 kW, whichever is lower.
- Rooftop charges: Network charges apply to total generation under net metering and net billing. Imports and exports receive different billing treatment under net billing.
- State incentives: The solar policy's two-year electricity-tax exemption has expired. Proposed rooftop assistance, solar-manufacturing land facilitation and agrivoltaic incentives have no quantified claimable benefit in the tracker.

4. Principal Implications

- Monthly banking increases the value of matching captive generation with consumption. Third-party supply requires closer matching because banking is unavailable.
- Rooftop returns depend on self-consumption, export settlement and network charges.
- Wind repowering and hybrid conversion remain subject to the recorded litigation. Development charges are project costs.

5. Investment Outlook

- Government rooftops: A 20 MW RESCO tender provides a procurement route with 25-year developer operation and maintenance.
- Industrial renewables: Captive solar and wind supply offer opportunities through green open access.
- Storage: Substation-linked batteries and solar-storage pilots provide tender-based development opportunities.
- Pumped storage: Projects under construction and envisaged schemes indicate opportunities in construction, equipment and project development, depending on the procurement route and project stage.

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Overview

Tamil Nadu Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage | Updated and verified 19 October 2026

Read definitions carefully: MNRE figures are capacity physically located in Tamil Nadu. CEA figures are contracted shares and planning-model results. The 2019 solar policy remains valid until superseded, but its 9,000 MW-by-2023 target is historical. The 2024 wind repowering policy was amended in January 2026; the amendment order records a court stay and pending cases. Proposals, tenders, sanctions, contracted capacity and commissioned capacity are not combined.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Tamil Nadu	30,070.37 MW	Vision 2031 aims for 50% of energy consumption from RE; this is a share goal, not an MW addition target	Quantified current; strategic share goal	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps
Solar—total physically installed	14,353.58 MW	2019 policy target of 9,000 MW by 2023 has elapsed; 2026-27 Policy Note proposes 550 MW rooftop addition	Quantified current; expired / proposed targets separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf
Solar—ground mounted	12,641.87 MW	CEA uses planned and modelled contracted solar additions; these are not physical capacity	Quantified current; planning scope separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf
Solar—rooftop	1,635.80 MW	85,161 PM Surya Ghar installations reported at 24-Jul-2026; installation count is not MW	Quantified current; scheme count separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1642_5BbYy6.pdf?source=lsapps
Wind physically installed	12,335.42 MW	Repowering framework amended Jan-2026; implementation status is court-affected	Quantified current; legal-status caveat	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Bio-power physically installed	1,055.12 MW	NBP Phase-I records 12 MW cogeneration, 10 TPH briquette/pellet, 3.92 MWe WTE and 124 biogas plants	Quantified current; programme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars
Small hydro physically installed	123.05 MW	Kollimalai 20 MW is under construction and expected Jun-2027	Quantified current; project pipeline separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf
Large hydro physically installed	2,203.20 MW	Kundah PSP 500 MW is under construction and expected Jun-2027	Quantified current; construction separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf
Renewable energy excluding large hydro	27,867.17 MW	Solar, wind, bio-power and small hydro only; retained for comparability with older RE reporting	Quantified current; scope-defined	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps
Contracted power capacity available to Tamil Nadu	37,220.00 MW	CEA projects about 122,498 MW contracted / market capacity by FY2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf
Storage pipeline / model	905 MW / 2,590 MWh State BESS pipeline	CEA model: 11,575 MW / 45,300 MWh BESS plus 6,264 MW / 39,782 MWh PSP by FY2035-36	Pipeline / modelled; not operational	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf
Peak electricity demand	20,784.00 MW	TNEB projection: 37,074 MW in FY2035-36	Quantified actual / projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Tamil Nadu tracker

These definitions control the separation of physical capacity, contracted shares, elapsed targets, court-affected policies, scheme sanctions, procurement stages and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Tamil Nadu. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Tamil Nadu from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy or regulation still operative. A live instrument may contain an elapsed target or no current MW target.
Court-affected	An official order records a judicial stay or pending case affecting implementation. It is not treated as freely operative without a current legal check.
Expired target	A numeric target with a past deadline. It is retained for history and not presented as a current commitment.
Commissioned	A project or capacity reported as in operation. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not treated as operational until commissioning is reported.
Tender process	A procurement stage. A tendered quantity is not an award, PPA, construction milestone or commissioned capacity.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE	Distributed renewable energy in CEA planning, principally rooftop / distributed solar.
PSP	Pumped Storage Project. MW measures power; stored-energy capability is separately stated in MWh where available.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
GISS	Grid Interactive Solar PV Energy Generating System under TNERC's 2021 regulation.
GEOA	Green Energy Open Access under TNERC's 2025 regulations.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability depends on transaction facts and current orders.
RPO / RCO	Renewable purchase / consumption obligation, expressed as a share of electricity consumption.
MU	Million units of electricity, equal to one million kWh.

SHEET 4 OF 8

Policy Tracker

Live policy | Current capacity | Solar | Wind | Bioenergy | Storage | Resource adequacy

Tamil Nadu's 2019 solar policy remains valid until superseded, but its 2023 target is historical. The amended wind repowering framework is marked court-affected because the January 2026 order records a stay and pending litigation. Proposals, tenders, construction, contracted shares, model outputs and location-based installed capacity remain separate.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Cross-sector	Current State-policy position	Tamil Nadu uses a portfolio of sector policies, regulations and the 2026-27 Energy Policy Note rather than one consolidated all-technology RE policy.	Solar Policy 2019; TNERC regulations; Energy Policy Note 2026-27	Live / mixed instruments	No single aggregate MW target in a consolidated policy	Instrument-specific.	Check technology and transaction route	Energy Department; TNGECL; TEDA; TNERC	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Vision 2031 share goal is strategic, not a project sanction.
Cross-sector	Vision 2031 RE share	State aims to meet 50% of total energy consumption from renewable sources by 2031.	Energy Policy Note 2026-27	Quantified strategic goal	50% by 2031	No automatic project incentive.	Delivery through capacity, storage and grid actions	Energy Department; TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Consumption-share goal; do not convert into MW without a demand basis.
Solar	Solar Energy Policy status	The policy took effect on 4-Feb-2019 and remains valid until superseded or modified.	Tamil Nadu Solar Energy Policy 2019	Live policy; target partly historical	Operative until superseded	Policy and later TNERC orders must be read together.	Apply current regulations and tariff orders	Energy Department; TEDA; TNERC	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	No later official solar policy was identified in the reviewed sources.
Solar	Solar target	Policy targeted 9,000 MW by 2023, with 40% earmarked for consumer-category systems.	Tamil Nadu Solar Energy Policy 2019	Expired target	9,000 MW by 2023; 40% consumer category	Historical policy target.	Do not treat as current commitment	Energy Department; TEDA	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	MNRE reports 14,353.58 MW physically installed at 30-Sep-2026.
Solar	Existing physical portfolio	MNRE reports ground-mounted, rooftop and off-grid solar separately.	MNRE state-wise installed capacity	Quantified current	14,353.58 MW at 30-Sep-2026	Project-route specific.	Location-based MNRE reporting	MNRE; TNGECL; TEDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://sansad.in/getFile/lsapps/lokabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	30-Jun-2026 parliamentary comparator: 14,121.46 MW.
Solar	Ground-mounted physical capacity	Utility, captive and other ground-mounted plants physically located in Tamil Nadu.	MNRE state-wise installed capacity	Quantified current	12,641.87 MW at 30-Sep-2026	Project-specific.	Land, connectivity, procurement / OA and COD	TNGECL; TANTRANSCO; TNPDCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Do not add CEA contracted additions.
Solar	Rooftop physical capacity	MNRE separately reports rooftop solar including PM Surya Ghar.	MNRE state-wise installed capacity	Quantified current	1,635.80 MW at 30-Sep-2026	Central CFA may apply to eligible residential systems.	Portal, metering and commissioning	MNRE; TNGECL; TNPDCL	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/lsapps/lokabhaquestions/annex/188/AU1642_5BbYy6.pdf?source=lsapps	Policy Note figure of 1,746.59 MW at 1-Jul-2026 uses a different reporting scope.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Solar	Off-grid / KUSUM-B capacity	MNRE separately records off-grid solar and KUSUM Component-B.	MNRE state-wise installed capacity	Quantified current	75.91 MW at 30-Sep-2026	Scheme-specific.	Sanction, installation and verification	MNRE; TEDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090810737755955.pdf https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5414_r6PQvA.pdf?source=pqals	Do not merge with rooftop or ground-mounted solar.
Solar	2026-27 rooftop proposal	Policy Note proposes additional rooftop solar through PM Surya Ghar and other initiatives.	Energy Policy Note 2026-27	Quantified proposal	550 MW proposed during FY2026-27	Programme / procurement-specific.	Implementation and commissioning evidence	TNGECL; TNPDCL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Proposed addition is not yet installed capacity.
Solar	Government-building rooftop tender	TNGECL floated a RESCO tender for government buildings in four districts.	Energy Policy Note 2026-27	Quantified tender process	20 MW; 25-year developer O&M	Tender terms govern.	Bid, award, installation and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Tender under progress; not an award or commissioned capacity.
Residential solar	PM Surya Ghar progress	Parliament reports installations and applications on the national portal.	Lok Sabha UQ 1642	Quantified current progress	1,03,006 applications; 85,161 installations at 24-Jul-2026	Standard central CFA.	National Portal and TNPDCL verification	MNRE; TNPDCL	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU16425BbYy6.pdf?source=lsapps https://www.sansad.in/getFile/annex/270/AU472_JtqW8s.pdf?source=pqars	28-Jan-2026 comparator: 67,833 applications and 53,834 installations.
Residential solar	Additional State subsidy	Vision 2031 says the State will extend assistance above PM Surya Ghar CFA.	Energy Policy Note 2026-27	Proposed; amount not stated	No rupee amount or notification identified	Do not model as available cash support.	Await operative scheme / budget / guidelines	Government of Tamil Nadu; TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Policy-note proposal, not a claimable benefit in the cited source.
Agricultural solar	PM-KUSUM Component A	Parliament reports decentralised solar projects sanctioned and commissioned.	Lok Sabha UQ 5414 / UQ 1642	Quantified commissioned	3 MW sanctioned and installed; original scheme period ended 31-Mar-2026	Central scheme terms.	For eligible projects, PPA/NTP must be dated on or before 31-Dec-2025; completion by 31-Mar-2027. No further completion extension.	MNRE; State implementing agency	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5414_r6PQvA.pdf?source=pqals https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU16425BbYy6.pdf?source=lsapps	Commissioned scheme subset; avoid double counting with MNRE solar total.
Agricultural solar	PM-KUSUM Component B	Parliament reports pump allocation and installations.	Lok Sabha UQ 1642	Quantified scheme stages	5,187 allocated; 5,186 installed in 30-Jun-2026 answer; original scheme period ended 31-Mar-2026	Scheme-specific CFA / shares.	Scheme-period extension applies to eligible projects with PPA/NTP by 31-Dec-2025; complete by 31-Mar-2027.	MNRE; State implementing agency	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU16425BbYy6.pdf?source=lsapps https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5414_r6PQvA.pdf?source=pqals	25-Mar-2026 answer reported 5,176 installed; dates explain the difference.
Wind	Existing physical portfolio	Tamil Nadu has India's second-largest State wind portfolio in the Policy Note.	MNRE state-wise installed capacity	Quantified current	12,335.42 MW at 30-Sep-2026	Project / transaction-specific.	Connectivity, forecasting and commercial route	TNGECL; TANTRANSCO; TNERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	30-Jun-2026 parliamentary comparator: 12,273.69 MW.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Wind	Repowering policy legal status	The Jan-2026 amendment order records that implementation of the entire 2024 policy had been stayed by the Madras High Court and cases remained pending.	G.O.(Ms.) No.3, 14-Jan-2026	Court-affected	Stay recorded from 23-Oct-2024	Do not assume unrestricted implementation.	Obtain current court / TNGECL position	Energy Department; TNGECL	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Amendments were approved while TNGECL was directed to pursue the cases.
Wind	Repowering eligibility	Revised clauses distinguish older and newer WEGs by commissioning date.	Wind Policy amendment 2026	Quantified; court-affected	Pre-1-Apr-2016: after 20 years; on/after date: after 25 years	Development charges and certification apply.	Current legal effect and project approval	TNGECL	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Exact project eligibility requires legal verification because of the recorded stay.
Wind	Repowering charges	Revised policy charges incremental and existing capacity differently.	Wind Policy amendment 2026	Quantified; court-affected	₹30 lakh/MW incremental; ₹5 lakh/MW existing	Project charge, not incentive.	Approval under operative policy	TNGECL	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Refurbishment / life extension: ₹50,000/MW/year.
Wind	PPA continuity	Existing PPA continues through its tenure; later sale or wheeling follows the revised clause.	Wind Policy amendment 2026	Commercial; court-affected	New PPA: latest SECI / central bid or TNERC tariff, lower	PPA / EWA route.	Current legal effect and agreement	TNPDCL; TNGECL; TNERC	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Not a guaranteed offtake tariff today.
Wind	Repowering banking	Revised policy moves banking to the financial year and TNERC-approved charges.	Wind Policy amendment 2026	Regulatory; court-affected	1-Apr–31-Mar; surplus at year-end paid at 75% of TNERC tariff	TNERC rules control.	Current legal effect and banking approval	TNGECL; TNERC	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Do not mix with generally applicable GEOA monthly banking.
Wind / solar hybrid	Hybrid conversion	Revised policy permits operating or proposed wind farms to convert to wind-solar hybrid projects.	Wind Policy amendment 2026	Unquantified; court-affected	Must-run up to sanctioned evacuation capacity	Subject to system and legal conditions.	Current legal effect, connectivity and approval	TNGECL; TANTRANSCO	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Separate from the future State RE Hybrid Policy mentioned in the Policy Note.
Wind	State-owned hybrid repowering	TNGECL proposes replacing 110 ageing WEGs at four sites.	Energy Policy Note 2026-27	Quantified tender process	18.75 MW wind plus 16 MW solar	Tender-specific.	Award, execution and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Tender under process; not commissioned.
Bioenergy	Existing physical portfolio	MNRE total includes bagasse, non-bagasse cogeneration and waste-to-energy.	MNRE state-wise installed capacity	Quantified current	1,055.12 MW at 30-Sep-2026: 969.10 bagasse; 52.05 non-bagasse; 6.40 grid WTE; 27.57 off-grid WTE	Technology-specific.	Feedstock, approvals, offtake / captive route and COD	TNGECL; TNPDCL; TNPCB	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://sansad.in/getFile/lsapps/lokssabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Components reconcile to MNRE total.
Bioenergy	NBP Phase-I subset	Parliament reports Tamil Nadu installations supported under programme components.	Rajya Sabha UQ 2061	Quantified programme subset	12 MW cogeneration; 10 TPH briquette/pellet; 3.92 MWe WTE; 124 biogas plants	Central CFA was pro gramme-specific.	Project records	MNRE	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Subset does not equal total State bio-power capacity.
Bioenergy	Sugar-mill cogeneration	State programme covers 12 cooperative / public-sector sugar mills.	Energy Policy Note 2026-27	Quantified commissioned / pipeline	183 MW total; 108 MW commissioned; 75 MW remaining	Project cost ₹1,241.15 crore.	Complete remaining works and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Commissioned 108 MW is already within the physical portfolio where reported by MNRE.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
Small hydro	Existing physical portfolio	Small hydro physically located in Tamil Nadu.	MNRE state-wise installed capacity	Quantified current	123.05 MW at 30-Sep-2026	Central SHP support may apply.	Water rights, approvals, grid and scheme sanction	TNGECL; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/2026100820700353 8.pdf https://sansad.in/getFile/lsapps/lokssabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	30-Jun-2026 comparator is identical.
Small hydro	Kollimalai project	Conventional hydro project is under construction in Namakkal / Trichy districts.	Energy Policy Note 2026-27	Quantified construction	20 MW; 94.25% physical progress; expected Jun-2027	Estimated cost ₹595.46 crore.	Construction and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Not included as commissioned pipeline capacity.
Hydro storage	Kundah PSP	Pumped storage project is under construction in the Nilgiris.	Energy Policy Note 2026-27	Quantified construction	500 MW; 88.75% physical progress; expected Jun-2027	Estimated cost ₹3,926.80 crore.	Construction and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Separate from existing 400 MW Kadamparai PSP.
Hydro storage	New PSP programme	State has envisaged multiple new pumped-storage projects.	Energy Policy Note 2026-27	Quantified early-stage pipeline	15 projects; 14,500 MW	Project-specific route.	Study, allotment, approvals, finance and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Various stages; do not treat as awarded or commissioned.
Storage	VGF-backed BESS	TNGECL initiated standalone BESS at six TANTRANSCO substations.	Energy Policy Note 2026-27	Quantified implementation pipeline	500 MW / 1,000 MWh; planned Dec-2026	State component of central VGF; BOO basis.	Award / construction / COD evidence	TNGECL; TANTRANSCO	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Not operational in the cited policy note.
Storage	PSDF-backed BESS	TNGECL is implementing standalone BESS at 11 substations.	Energy Policy Note 2026-27	Quantified implementation pipeline	375 MW / 1,500 MWh; targeted Sep-2027	Power System Development Fund support.	Procurement, construction and COD	TNGECL; TANTRANSCO	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Pipeline, not operational storage.
Solar + storage	Co-located pilots	Two tariff-based projects are planned in Karur and Thiruvarur.	Energy Policy Note 2026-27	Quantified implementation pipeline	30 MW solar + 30 MW / 90 MWh BESS; scheduled May-2027	Tender / contract terms govern.	Construction and COD	TNGECL	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Two 15 MW solar + 15 MW / 45 MWh packages.
Planning	Current contracted capacity	CEA records all-source capacity contracted for Tamil Nadu.	CEA Tamil Nadu RA Report 2026	Quantified contracted	37,220 MW at 31-Mar-2025; 64% non-fossil	Not Tamil Nadu-located capacity.	Contract records	TNEB entities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Includes 1,003 MW rooftop DRE.
Planning	Planned capacity additions	CEA uses utility-furnished planned additions through FY2035-36.	CEA Tamil Nadu RA Report 2026	Quantified planned	19,600 MW solar; 3,300 MW wind; 12,500 MW rooftop DRE; 500 MW 2h + 1,075 MW 4h storage	Planning input, not COD.	Contracts and project milestones	TNEB entities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Also includes 4,400 MW 6h PSP and 1,100 MW 8h PSP.
Planning	Additional modelled requirement	CEA calculates additions beyond planned capacity for reliability.	CEA Tamil Nadu RA Report 2026	Quantified model result	7,550 MW solar; 7,550 MW wind; 10,000 MW 4h storage; 8,000 MW coal	Modelled, not awarded.	Future procurement and annual refresh	TNEB entities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Do not add to physical capacity.
Planning	FY2035-36 contracted mix	CEA projects a reliability-compliant portfolio.	CEA Tamil Nadu RA Report 2026	Quantified model result	122,498 MW total incl. 36,156 solar, 20,181 wind, 14,761 DRE, 11,575 BESS and 6,264 PSP	Planning model only.	Procurement and annual refresh	TNEB entities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Also includes 4,107 MW MTOA / STOA.

Sector	Topic	What the instrument says	Instrument / programme	Classification	Numeric provision / status	Support / commercial treatment	Key condition / next stage	Responsible body	Official source	Tracker interpretation
RPO / RCO	Current 2026-27 trajectory	Tamil Nadu applies the amended TNERC RPO/RCO trajectory to obligated entities and designated consumers.	TNERC RPO Regulations 2023, amended 2025; MoP RCO trajectory	Quantified regulatory; amended 2025	FY2026-27: 35.95% total (wind 1.97%; hydro 1.34%; DRE 2.70%; other 29.94%); FY2029-30: 43.33%	Energy-consumption obligation.	2025 amendment effective 1-Apr-2024; MoP RCO ordinarily applies, with TNERC retaining power to revise for State-specific issues.	TNERC; State Agency	https://www.tnerc.tn.gov.in/Regulation/files/Reg-251120251428Eng.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf https://tnerc.tn.gov.in/Regulation/files/Reg-061020231552Eng.pdf	The 2025 amendment updates Annexure-I and applies to obligated entities / designated consumers, including captive users under the Energy Conservation Act.
Policy status	Implementation hierarchy	Later TNERC regulations, tariff orders, court orders, tender terms and statutory approvals control implementation.	State policies and sector instruments	Qualitative	No blanket current State cash subsidy identified	Instrument-specific.	Verify latest order and project facts	TNERC; TNGECL; TNPDCL; TEDA	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Historical concessions are not carried forward automatically.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State-policy provisions | Central CFA | Wind charges | Bioenergy | Storage support

The 2019 solar-policy electricity-tax exemption lasted only two years and is not shown as current. The Policy Note's proposed rooftop top-up has no amount in the cited source. All central benefits require current eligibility, sanction, budget and commissioning evidence; they are not automatically cumulative.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Consumer-category solar	Electricity-tax exemption	Solar Policy 2019 concession	Two years from 4-Feb-2019	Expired	Consumer-category system under the policy	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	Do not treat as a current exemption.
Solar manufacturing	Land / single-window intent	State facilitation	No quantified land price or cash support	Unquantified	Project-specific State approvals	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	Policy says land and a single-window process will be promoted; obtain current allotment terms.
Agrivoltaics	Future incentive scheme	State policy direction	No amount or operative scheme identified	Unquantified / pending	Future notified scheme	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	Not claimable from the policy text alone.
Residential rooftop	PM Surya Ghar CFA	Central capital assistance	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	Eligible residential consumer and National Portal sanction	https://mnre.gov.in/en/notice/amendment-in-guidelines-for-implementation-of-pm-surya-ghar-muft-bijli-yojana-for-the-component-of-cfa-to-residential-consumers/ https://www.sansad.in/getFile/annex/270/AU472_JtqW8s.pdf?source=pqars https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Residential capex mode only; eligible rooftop/BIPV installations, registered vendor, DCR modules and National Portal / DISCOM conditions apply.
Residential rooftop	Proposed State top-up	State assistance above central CFA	Amount not stated	Proposed / unquantified	Future State notification and budget	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Do not assume a top-up amount until notified.
GHS / RWA	PM Surya Ghar common facilities	Central CFA	₹18,000/kWp up to 500 kWp, subject to 3 kWp per house	Quantified	Eligible common facilities	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/	Common-facility connection only; includes EV charging, capped at 500 kWp and 3 kWp per house; not for supply to individual homes.
ULBs / PRIs	PM Surya Ghar local mobilisation incentive	Central institutional incentive	₹1,000 per qualifying residential installation	Quantified	CFA transfer and scheme rules	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/	Not additional consumer CFA.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Model Solar Village	PM Surya Ghar village support	Central assistance	₹1 crore per selected village	Quantified	Selection under scheme rules	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/	No Tamil Nadu village is assumed selected without an award.
PM-KUSUM Component A	Procurement-based incentive	Central incentive to Discom	₹0.40/kWh or ₹6.60 lakh/MW/year, lower, for five years; no CFA to plant	Quantified; original scheme period ended 31-Mar-2026	Eligible decentralised plant and procurement	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://pmkusum.mnre.gov.in/	Only valid sanctions / eligible project terms; PPA/NTP by 31-Dec-2025 for completion extension to 31-Mar-2027. Component A financial closure by 30-Nov-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
PM-KUSUM B / C-IPS	Solar pump support	Central CFA with State / beneficiary share	30% CFA of benchmark or tender cost, lower; State support generally at least 30%	Quantified; original scheme period ended 31-Mar-2026	Farmer selection and live sanction	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://pmkusum.mnre.gov.in/	Scheme period ended 31-Mar-2026; extension is limited to eligible projects with PPA/NTP by 31-Dec-2025, completion by 31-Mar-2027. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
PM-KUSUM C-FLS	Feeder solarisation	Central CFA	₹1.05 crore/MW	Quantified; original scheme period ended 31-Mar-2026	Eligible feeder solarisation; CAPEX or RESCO	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://pmkusum.mnre.gov.in/	Scheme period ended 31-Mar-2026; eligible Component C financial closure by 30-Nov-2026; completion by 31-Mar-2027 only where PPA/NTP by 31-Dec-2025. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply.
Wind repowering	Development charge	State-policy charge	₹30 lakh/MW incremental capacity; ₹5 lakh/MW existing capacity	Quantified; court-affected	Operative approval and legal status	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Charge, not incentive; official order records pending court cases.
Wind refurbishment / life extension	Annual development charge	State-policy charge	₹50,000/MW/year	Quantified; court-affected	Operative approval and legal status	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Do not apply without current TNGECL / court confirmation.
CBG	National Bioenergy Programme — Phase-I	Central CFA	₹4 crore per 4,800 kg/day new or ₹3 crore existing; cap ₹10 crore/project	Phase-I ended; valid sanctions only	Existing sanction; post-cutoff proposals subject to Phase-II budget approval	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Biogas / biogas power	National Bioenergy Programme — Phase-I	Central CFA	Phase-I CFA: biogas ₹0.25 crore per 12,000 m^3/day, cap ₹5 crore/project; power from biogas ₹0.75 crore/MW for a new biogas plant or ₹0.50 crore/MW for an existing plant, cap ₹5 crore/project.	Phase-I ended; valid sanctions only	Existing sanction; post-cutoff proposals subject to Phase-II budget approval	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. WTE proposals from 17-Oct-2024 are also subject to Phase-II budget approval.
Briquettes / pellets	National Bioenergy Programme — Phase-I	Manufacturing CFA	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications.	Phase-I ended; valid sanctions only	Existing sanction; post-cutoff proposals subject to Phase-II budget approval	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro 1–25 MW	Small Hydro Power Development Scheme	Central project CFA; location-specific eligibility	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual and CERC normative capital cost, capped at ₹20 crore/project.	Quantified	FY2026-27 to FY2030-31 sanction	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514674130 59.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Standalone BESS	VGF / PSDF support	Project-specific public support	500 MW / 1,000 MWh VGF pipeline; 375 MW / 1,500 MWh PSDF pipeline	Quantified pipeline	Procurement, fund terms and COD	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Support amount is not stated in the cited State note.
Solar parks	Central solar-park framework	Shared-infrastructure support	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	Project-specific MNRE sanction	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Support is mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.

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Grid & Metering

Grid, Open Access and Metering

GISS rooftop arrangements | GEOA | Banking | Charge stack | RPO / RCO

Tamil Nadu's 2021 GISS regulation and 2025 GEOA regulation govern distinct transaction routes. GISS capacity, settlement and network-charge rules should not be transplanted into open access. The 2026-27 Policy Note uses the later central RCO source split while TNERC's 2023 regulation remains relevant to the State compliance framework.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GISS coverage	Eligible consumers may use net metering, net billing / net feed-in or gross metering within the prescribed limits.	Solar system below 1 MW	Eligible consumer / generator	TNERC GISS Regulations 2021	TNPDCL; TNERC	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Use later amendments and tariff orders where applicable.
Domestic net metering	Domestic consumers may offset exports against imports.	Up to sanctioned load / contract demand	Domestic consumer	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Domestic consumers may instead choose net feed-in.
Net billing / net feed-in	All consumer categories except hut and agriculture are eligible.	Up to sanctioned load / contract demand or 999 kW, lower	Eligible consumer	TNERC GISS Regulations 2021	TNPDCL; TNERC	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Policy Note confirms extension to eligible LT categories.
Gross metering	Eligible consumers / generators sell all solar generation to the licensee.	151 kW minimum; 999 kW maximum	All categories except LT up to 150 kW; generators	TNERC GISS Regulations 2021	TNPDCL; TNERC	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Dedicated evacuation to nearest HT network is at applicant cost.
Plant size	GISS AC output is capped by the service connection limit.	Not above sanctioned load / contract demand	Net-metered / net-billed consumer	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Gross-metered generator cases are treated separately.
DT hosting	Cumulative net-metered and net-billed solar is limited at distribution-transformer level.	90% of DT capacity	GISS applicants	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	First-come, first-served subject to feasibility.
Power-transformer hosting	Cumulative gross-metered solar is limited at relevant HT power transformer.	70% of transformer capacity	Gross-metered systems	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Technical feasibility controls.
Net-meter settlement	Exports offset imports; surplus carries within the settlement period.	Surplus units lapse at settlement-period end	Net-metered domestic consumer	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	ToD adjustment first occurs in the same time slot.
Net-feed-in settlement	Imports are debited at retail tariff and exports credited at feed-in tariff.	12-month settlement; credit may be paid or carried forward	Net-billed / net-feed-in consumer	TNERC GISS Regulations 2021	TNPDCL; TNERC	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Current feed-in tariff must be checked.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Network charges	Network / wheeling charges apply to total generation under net metering and net billing / feed-in.	Rate determined by TNERC	GISS prosumer	TNERC GISS Regulations 2021	TNERC; TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Gross metering is excluded from these network charges under the regulation.
Application timing	Licensee must assess technical feasibility and communicate the outcome.	15 working days study; approval within 5 more days; refusal within 20 days	GISS applicant	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Approval valid for six months unless extended.
Commissioning timing	After completion request, meter testing / commissioning and synchronisation follow set timelines.	20 working days plus synchronisation within 10 days	Approved GISS applicant	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Complete documents and installed system required.
Connection agreement	Consumer / generator signs a connection agreement before synchronisation.	25 years; extendable in five-year slabs	GISS applicant	TNERC GISS Regulations 2021	TNPDCL	https://www.tnerc.tn.gov.in/Regulation/files/Reg-221020211743Eng.pdf	Prosumer may terminate with 90 days' notice.
GEOA threshold	State regulation permits Green Energy Open Access to EHT and HT consumers.	Minimum contracted demand 63 kVA	EHT / HT consumer	TNERC GEOA Regulations 2025	SLDC / STU; TNPDCL	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	This State threshold is lower than the 100 kW central-rule headline commonly cited.
GEOA duration	Open access is classified by term.	Long-term >7 years; medium-term >3 months to 5 years; short-term up to 1 month	GEOA applicant	TNERC GEOA Regulations 2025	SLDC / STU	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Application and system availability apply.
Energy accounting	RE injection and consumption are accounted in time blocks.	15-minute time blocks	GEOA generator / consumer	TNERC GEOA Regulations 2025	SLDC; TNPDCL	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Forecasting / DSM rules apply to wind, solar and hybrid.
GEOA banking charge	Banking charge is adjusted in kind.	8% of banked energy	Eligible intra-State GEOA consumer	TNERC GEOA Regulations 2025	TNPDCL; SLDC	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	No banking for third-party power purchase / sale.
GEOA banking cycle	Banking is normally confined to the consumer billing cycle.	Calendar month; no carry-forward	Eligible intra-State GEOA consumer	TNERC GEOA Regulations 2025	TNPDCL; SLDC	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Wind projects commissioned on/before 31-Mar-2018 retain a stated annual exception with 14% charge.
Surplus settlement	Unused banked energy is purchased at a discounted applicable benchmark.	75% of applicable RE tariff / latest discovered tariff	Eligible captive GEOA user	TNERC GEOA Regulations 2025	TNPDCL; TNERC	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	REC projects use the lower benchmark method specified in the regulation.
Open-access charge stack	Applicable charges include transmission, wheeling, CSS, AS, banking, standby, reactive and SLDC / DSM charges.	Standby energy charge capped at 125% of retail category tariff	GEOA consumer	TNERC GEOA Regulations 2025	TNERC; SLDC; utilities	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Inter-State / exchange energy does not receive the stated intra-State concessions.
RPO 2023 regulation	TNERC's 2023 RPO Regulations were amended in 2025; the amended Annexure-I sets the current trajectory for obligated entities and designated consumers.	FY2026-27 total 35.95%; FY2029-30 total 43.33%	Obligated entity	FY2026-27 total 35.95%; FY2029-30 total 43.33%	TNERC; State Agency	https://tnerc.tn.gov.in/Regulation/files/Reg-061020231552Eng.pdf https://www.tnerc.tn.gov.in/Regulation/files/Reg-251120251428Eng.pdf	The 2025 amendment applies from 1-Apr-2024; MoP RCO ordinarily applies, TNERC may revise for State-specific issues; penalties follow the applicable electricity / energy-conservation law.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Current RCO split	The amended 2025 TNERC Annexure-I and the 2026-27 Policy Note use the current MoP RCO source trajectory.	Wind 1.97%; hydro 1.34%; DRE 2.70%; other 29.94%; total 35.95%	Designated / obligated entity as applicable	MoP trajectory cited by State / CEA	TNERC; State Agency	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_epn_2026_27.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf https://www.tnerc.tn.gov.in/Regulation/files/Reg-251120251428Eng.pdf	The amended schedule separates wind, hydro, DRE and other RE; check designated-consumer scope and fungibility provisions.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Tamil Nadu renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tamil Nadu tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; TNPDCL	https://mnre.gov.in/en/notice/amendment-in-guidelines-for-implementation-of-pm-surya-ghar-muft-bijli-yojana-for-the-component-of-cfa-to-residential-consumers/ https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816 90964295.pdf	Tamil Nadu had 85,161 installations at 24-Jul-2026.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; State implementing agency	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://pmkusum.mnre.gov.in/	Financial closure for Components A/C by 30-Nov-2026. Projects with PPA/NTP by 31-Dec-2025 may complete by 31-Mar-2027; no further extension. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	Small Hydro Power Development Scheme	Eligible 1–25 MW projects, FY2026-27 to FY2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified	MNRE; SECI; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514 67413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tamil Nadu tracker use
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Extension covers completion of approved parks; project-specific sanction remains necessary.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	No Tamil Nadu-specific award is inferred.
Storage	Central BESS support frameworks	Utility-scale storage procurement	Project-specific VGF / PSDF support	Quantified per project	Ministry of Power; TNGECL	https://powermin.gov.in/en/content/energy-storage-system https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	State Policy Note lists 2,500 MWh of VGF / PSDF-backed BESS pipeline.
Offshore wind	Offshore wind VGF / lease framework	Offshore wind off Tamil Nadu coast	Support and capacity depend on central tender / award	Award-specific	MNRE; SECI	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Do not treat a national framework or tender plan as commissioned State capacity.
Skills	Suryamitra / Vayumitra / Jal-urjamitra	Solar, wind and small-hydro technician training	Programme-based training; no State MW target	Unquantified State share	MNRE institutions / training centres	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Parliament confirms programmes operate nationally including Tamil Nadu.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Material figures were checked against at least two official sources where an independent comparator exists. Dates, ownership, programme stage and statistical scope can differ; the tracker preserves those differences instead of forcing false reconciliation.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 30-Sep-2026	Location-based solar components, wind, bio-power, small hydro, large hydro and total RE at 30-Sep-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf	Checked 19-Oct-2026; latest primary capacity release
Installed capacity	MNRE Physical Progress portal	Publication route and national capacity context	https://mnre.gov.in/en/physical-progress/	Checked 19-Oct-2026; primary portal
State solar policy	Tamil Nadu Solar Energy Policy 2019	Operative period, 2023 target, grid routes and historic incentives	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	Checked 19-Oct-2026; official State document
Wind policy	G.O.(Ms.) No.3, 14-Jan-2026	Amendments, charges, PPA / banking provisions and recorded court stay	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Checked 19-Oct-2026; official TNGECL-hosted order
Current State programme	Energy Department Policy Note 2026-27	Vision 2031, capacity, project pipeline, BESS, hydro and RPO	https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Checked 19-Oct-2026; official State policy note
Capacity verification	Lok Sabha UQ 4050, answered 12-Aug-2026	30-Jun-2026 solar, wind, bio and small-hydro capacity	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Checked 19-Oct-2026; primary parliamentary answer
Solar and wind	Lok Sabha UQ 1642, answered 29-Jul-2026	30-Jun-2026 solar / wind, KUSUM, PM Surya Ghar and central support	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1642_5BbYy6.pdf?source=lsapps	Checked 19-Oct-2026; primary parliamentary answer
Rooftop progress	Rajya Sabha UQ 472, answered 3-Feb-2026	Tamil Nadu applications, installations and households at 28-Jan-2026	https://www.sansad.in/getFile/annex/270/AU472_JtqW8s.pdf?source=pqars	Checked 19-Oct-2026; primary parliamentary answer
Agricultural solar	Lok Sabha UQ 5414, answered 25-Mar-2026	PM-KUSUM and PM Surya Ghar progress in Tamil Nadu	https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5414_r6PQvA.pdf?source=pqals	Checked 19-Oct-2026; primary parliamentary answer
Bioenergy	Rajya Sabha UQ 2061, answered 10-Mar-2026	NBP Phase-I installed programme subset	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Checked 19-Oct-2026; primary parliamentary answer
Generation planning	CEA Tamil Nadu Resource Adequacy Report 2026	Contracted capacity, demand, planned additions and modelled 2035-36 mix	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Checked 19-Oct-2026; primary CEA planning source
Rooftop regulation	TNERC GISS Regulations 2021	Net / net-feed-in / gross eligibility, hosting, settlement and timelines	https://www.tnerc.tn.gov.in/Regulation/files/Reg-220210211743Eng.pdf	Checked 19-Oct-2026; final regulation

Category	Document / authority	What it verifies	Official link	Status / date checked
Green open access	TNERC GEOA Regulations 2025	Threshold, accounting, banking and charge stack	https://tnerc.tn.gov.in/Regulation/files/Reg-200920251103Eng.pdf	Checked 19-Oct-2026; final regulation
RPO	TNERC RPO Regulations 2023, as amended in 2024 and 2025	RPO/RCO scope, compliance, amended source trajectory, targets and default provisions	https://www.tnerc.tn.gov.in/Regulation/files/Reg-251120251428Eng.pdf https://tnerc.tn.gov.in/Regulation/files/Reg-061020231552Eng.pdf	Checked 19-Oct-2026; final regulation and 2025 amendment
State nodal agency	TEDA portal	Energy-development schemes and State facilitation	https://teda.in/	Checked 19-Oct-2026; primary agency portal
Green-energy company	TNGECL portal	Renewable generation, projects and notices	https://www.tngecl.org/	Checked 19-Oct-2026; primary company portal
Distribution utility	TNPDCL portal	Distribution, rooftop and consumer implementation route	https://www.tnpdcl.org/	Checked 19-Oct-2026; primary utility portal
Regulator	TNERC portal	Regulations, tariff orders and petitions	https://tnerc.tn.gov.in/	Checked 19-Oct-2026; primary regulator portal
Residential solar	MNRE PM Surya Ghar residential CFA guidelines, amended 7-Jul-2025	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/amendment-in-guidelines-for-implementation-of-pm-surya-ghar-muft-bijli-yojana-for-the-component-of-cfa-to-residential-consumers/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal and OMs dated 28-Mar, 25-May and 28-Sep-2026	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41 https://pmkusum.mnre.gov.in/	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme / BioUrja portal	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/scheme_highlights	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme 2026-27 to 2030-31	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 19-Oct-2026; primary source
Storage	Ministry of Power energy-storage framework	Central storage policy, procurement and VGF	https://powermin.gov.in/en/content/energy-storage-system	Checked 19-Oct-2026; primary source

Category	Document / authority	What it verifies	Official link	Status / date checked
Solar parks	MNRE Solar Parks programme and 17-Sep-2025 timeline extension	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/notice/om-regarding-extension-in-timeline-of-the-solar-park-scheme/ https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE and Parliament comparison	Solar 14,353.58 MW at 30-Sep versus 14,121.46 MW at 30-Jun-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Checked 19-Oct-2026; dates preserved
Capacity cross-check	MNRE and Parliament comparison	Wind 12,335.42 MW at 30-Sep versus 12,273.69 MW at 30-Jun-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Checked 19-Oct-2026; dates preserved
Capacity cross-check	MNRE and Parliament comparison	Bio-power 1,055.12 MW and small hydro 123.05 MW are unchanged at 30-Sep and 30-Jun-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU4050_Tm94ME.pdf?source=lsapps	Checked 19-Oct-2026; direct reconciliation
Scope cross-check	MNRE and State Policy Note	MNRE total RE is 30,070.37 MW at 30-Sep; State note reports 28,348 MW RE under its 1-Jul scope	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf	Checked 19-Oct-2026; scope and date differ
Scope cross-check	MNRE and CEA	30,070.37 MW location-based RE versus 37,220 MW all-source contracted capacity at Mar-2025	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261008207003538.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Checked 19-Oct-2026; not forced to reconcile
Policy-status check	Solar policy operative period and target date	Solar policy remains valid until superseded; 9,000 MW deadline ended in 2023	https://environment.tn.gov.in/assets/policy/424dfdf971ea64e6901c2a10f976e605.pdf	Checked 19-Oct-2026; status and target separated
Legal-status check	Wind amendment order	14-Jan-2026 order records 23-Oct-2024 stay and pending cases while approving amendments	https://www.tngecl.org/static/greenenergy/assets/files/linkpdf/latestnews/Lifeextpolicywindprojects.pdf	Checked 19-Oct-2026; current legal advice still required
Rooftop cross-check	Parliament Jan and Jul 2026 answers	53,834 installations at 28-Jan versus 85,161 at 24-Jul-2026	https://www.sansad.in/getFile/annex/270/AU472_JtqW8s.pdf?source=pqars https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1642_5BbYy6.pdf?source=lsapps	Checked 19-Oct-2026; dates preserved

Category	Document / authority	What it verifies	Official link	Status / date checked
KUSUM cross-check	Parliament Mar and Jul 2026 answers	5,176 pumps installed in Mar answer versus 5,186 in Jul answer	https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5414_r6PQvA.pdf?source=pqals https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU1642_5BbYy6.pdf?source=lsapps	Checked 19-Oct-2026; dates preserved
RPO cross-check	TNERC 2023 and later MoP trajectory	FY2026-27 total is 35.95%; amended TNERC Annexure-I now specifies wind, hydro, DRE and other shares; FY2029-30 total is 43.33%	https://www.tnerc.tn.gov.in/Regulation/files/Reg-251120251428Eng.pdf https://tnerc.tn.gov.in/Regulation/files/Reg-061020231552Eng.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Checked 19-Oct-2026; 2025 amendment effective 1-Apr-2024
Review convention	No capacity-stage aggregation	Elapsed targets, scheme periods, application windows, tenders, construction, contracted shares, model outputs and physical MW remain distinct	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cms.tn.gov.in/cms_migrated/document/docfiles/energy_e_pn_2026_27.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Tamil_Nadu_Resource_Adequacy_Report_2035_36_1.pdf	Checked 19-Oct-2026; applied throughout workbook

Telangana Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage

Updated 18 September 2026

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Synopsis

Telangana Renewable Energy: Policy and Investment Synopsis

Telangana's renewable energy framework covers solar, wind, storage, manufacturing, biofuels and green hydrogen. State incentives support eligible investments, with additional reimbursements for projects supplying Telangana DISCOMs.

1. Policy Overview

- Major instruments: Clean and Green Energy Policy 2025; Open Access Regulations 2024, amended in 2026; and Rooftop Solar Regulations 2025. The policy operates for ten years from issue or until replaced.
- Installed renewable capacity: 8,030.62 MW, comprising 5,165.14 MW solar, 128.10 MW wind, 242.11 MW bio-power, 89.67 MW small hydro and 2,405.60 MW large hydro. Solar and wind figures are dated 31 August 2026.
- Solar composition: 4,360.49 MW ground-mounted, 795.90 MW rooftop and 8.75 MW off-grid/KUSUM-B.

2. Major Commitments and Projections

- Headline objective: Add 20,000 MW of renewable energy and storage by 2030.
- FY2030 policy planning capacities: 19,874 MW solar, 2,528 MW wind, 4,330 MW distributed renewables and 3,805 MW storage. These figures are separate from the headline addition objective.
- Green hydrogen targets: 418 thousand tonnes annually in FY2030 and 554 thousand tonnes in FY2035.
- Planning projection: CEA's FY2035–36 model includes 32,884 MW contracted solar, 6,128 MW wind and 11,725 MW storage. These are model outputs, not procurement awards.

3. Investment Framework

- Solar incentives: Eligible projects receive 100% land stamp-duty reimbursement. Eligible solar MSMEs receive eight-year electricity-duty exemption for electricity consumed within Telangana.
- DISCOM-sale support: Net-SGST reimbursement is 50% for eligible solar, BESS and pumped-storage projects; 100% for eligible women SHG/VO decentralised solar and waste-to-energy projects. Allocation and commissioning conditions apply.
- Rooftop solar: Specified household and government-building categories receive 100% net-SGST reimbursement.
- Manufacturing: Solar manufacturing receives 25% of fixed capital investment; battery manufacturing receives 20%. Both have ₹30 crore per-plant caps and five-year disbursement. Battery support covers initial projects within cumulative 5,000 MWh manufacturing capacity.
- Land: Solar projects receive deemed non-agricultural status and conditional land-ceiling relief up to four acres/MW.
- Open access: Eligibility generally starts at 100 kW, with qualifying aggregation within one electricity division. Banking is monthly, charged at 8% in kind, with time-of-day restrictions.
- Procurement: Utility solar-wind hybrids and BESS use tariff-based competitive bidding. Captive and third-party supply follow applicable open-access arrangements.

4. Principal Implications

- DISCOM-sale reimbursements make the buyer and procurement route material to project economics.
- Monthly banking and off-peak withdrawal restrictions increase the value of matching generation with consumption.
- Incentive reimbursements require claims; underlying regulatory charges remain payable under applicable orders.

5. Investment Outlook

- Decentralised solar: The 500 kW–2 MW route supports smaller projects, with enhanced reimbursement for eligible women-led community projects.
- Manufacturing: Quantified solar and battery subsidies support equipment-production investments.
- CBG: Eligible plants receive 20% capital subsidy, subject to minimum 10 TPD capacity and programme caps.
- Storage and green hydrogen: Utility procurement, equipment subsidies and specified electricity-cost reimbursements provide distinct commercial opportunities.

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Overview

Telangana Renewable Energy Policy Tracker

Capacity, policy status and implementation coverage | Updated and verified 18 September 2026

Read definitions carefully: MNRE figures are physical capacity located in Telangana. The State policy's 20,000 MW objective, its FY2030/FY2035 planning table, CEA contracted shares, PM-KUSUM sanctions, tenders and commissioned capacity are kept separate. The Clean and Green Energy Policy 2025 is live for ten years from issue or until replaced.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Telangana (MW)	8,030.62	Policy aims to add 20,000 MW of renewable energy and storage by 2030	Quantified current; policy addition target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf
Solar—total physically installed	5,165.14	Policy planning table: 19,874 MW solar in FY2030 and 26,374 MW in FY2035	Quantified current; planning target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf
Solar—ground mounted	4,360.49	CEA model reaches 32,884 MW contracted solar by FY2035-36	Quantified current; modelled contracted scope separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf
Solar—rooftop	795.90	PM Surya Ghar reports 204.90 MW within this portfolio at 31-Jul-2026	Quantified current; scheme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps
Solar—off-grid / KUSUM-B	8.75	PM-KUSUM answer separately reports sanctions and zero installations at 31-Jan-2026	Quantified current; dated scheme scope separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals
Wind physically installed	128.10	Policy planning table: 2,528 MW in FY2030 and 4,528 MW in FY2035	Quantified current; policy target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf
Bio-power physically installed	242.11	NBP Phase-I records only a supported subset, including 24.24 MW non-bagasse cogeneration	Quantified current; programme subset separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars
Small hydro physically installed	89.67	No separate current State MW addition target identified	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Large hydro physically installed	2,405.60	Policy storage table targets 3,805 MW in FY2030 and 7,917 MW in FY2035, including storage categories	Quantified current; storage target not hydro capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf
Contracted power capacity	19,551	CEA projects about 80,856 MW contracted / market capacity by FY2035-36	Quantified contracted; not location-based	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf
Actual peak demand FY2024-25	17,162	Telangana SLDC projection: 34,137 MW in FY2035-36	Quantified actual / projection	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf
Storage planning	No operational BESS quantity inferred	CEA model: 11,725 MW storage by FY2035-36; PSP or PSP+BESS	Modelled; not commissioned	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Telangana tracker

These definitions control the separation of physical capacity, contracted shares, policy targets, scheme sanctions, procurement stages, model outputs and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Telangana. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for Telangana from projects within or outside the State. It is not location-based installed capacity.
Live instrument	A policy or regulation still operative on the checked date.
Policy target	A stated ambition or planned capacity. It is not a sanction, award, PPA or commissioned project.
Commissioned	A project or capacity reported as operational. It is not added again to the later MNRE total.
Sanctioned / allocated	A scheme approval or allocation. It is not treated as operational until installation is reported.
Tender process	A procurement stage. Tendered quantity is not an award, construction milestone or commissioned capacity.
CEA planning model	A resource-adequacy input or least-cost result. It is not a State-policy target or project award.
DRE	Distributed renewable energy in CEA planning, principally rooftop / distributed solar.
PSP	Pumped Storage Project. MW measures power; MWh measures energy where separately stated.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power; MWh measures stored energy.
GEOA	Green Energy Open Access under TGERC's 2024 regulation, as amended in 2026.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Applicability depends on transaction facts and current orders.
RPO / RPPO	Renewable power purchase obligation, expressed as a share of electricity consumption.
REC	Renewable Energy Certificate used under the applicable central and State compliance framework.
KTPA	Thousand tonnes per annum.
MU	Million units of electricity, equal to one million kWh.

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Policy Tracker

Policy and Implementation Tracker

Live State policy | Physical capacity | Targets | Sanctions | Tenders | Planning model

The policy is live. Each row states whether a number is installed, targeted, sanctioned, tendered, contracted or modelled; these stages are not aggregated.

Sector	Policy / programme item	Provision or evidence	Instrument	Status / classification	Target / actual number	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker note
Cross-sector	Consolidated State policy	The Clean and Green Energy Policy 2025 covers solar, wind, storage, biofuels, hybrids, EV charging and green hydrogen.	Telangana Clean and Green Energy Policy 2025	Live policy	Ten years from issue or until a new policy	Instrument-specific incentives.	Use current regulations and project route	Energy Department; TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Projects allocated during the operative period must meet applicable commissioning timelines.
Cross-sector	2030 headline objective	Policy preamble aims to add renewable-energy and storage capacity by 2030.	Clean and Green Energy Policy 2025	Quantified policy target	20,000 MW addition by 2030	No automatic project entitlement.	Allocation, financing, grid and COD	State Government; TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Do not add this target to installed capacity.
Solar	Existing physical portfolio	MNRE reports ground-mounted, rooftop and off-grid / KUSUM-B solar separately.	MNRE state-wise installed capacity	Quantified current	5,165.14 MW at 31-Aug-2026	Project-route specific.	Location-based reporting	MNRE; TGREDCO	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf	Components reconcile to the total.
Solar	FY2030 / FY2035 planning	Policy table gives solar planning capacities.	Clean and Green Energy Policy 2025	Quantified target	19,874 MW / 26,374 MW	Policy incentives depend on route.	Project development and COD	State Government; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Policy baseline of 7,889 MW included 5,415 MW installed plus 2,474 MW upcoming.
Distributed RE	FY2030 / FY2035 planning	Policy separately identifies distributed renewable energy.	Clean and Green Energy Policy 2025	Quantified target	4,330 MW / 8,242 MW	Route-specific.	Rooftop / distributed implementation	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Separate from utility-scale solar.
Solar	Decentralised plants	Grid-connected decentralised solar projects may be developed in the stated size range.	Clean and Green Energy Policy 2025	Quantified eligibility	500 kW to 2 MW	Policy and bid / scheme terms.	Connectivity, allocation and COD	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Potential PM-KUSUM Component-A route.
Solar	Land and approvals	Solar projects receive deemed non-agricultural status, TG-iPASS facilitation and conditional land-ceiling relief.	Clean and Green Energy Policy 2025	Quantified condition	Land ceiling relief up to 4 acres/MW or updated limit	Firm order / PPA / successful bid required for ceiling relief.	Land title and clearances	TGREDCO; Revenue authorities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Not a free land allotment.
Solar	Project fiscal incentives	Policy provides stamp-duty, water-charge and MSME electricity-duty relief.	Clean and Green Energy Policy 2025	Quantified incentive	100% stamp-duty reimbursement; 100% duty exemption for MSMEs for 8 years	Electricity consumed within State for duty relief.	Claim and verification	State Government; TGREDCO	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Pollution-control NOC / consent exemption is also stated.

Sector	Policy / programme item	Provision or evidence	Instrument	Status / classification	Target / actual number	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker note
Solar	TGDISCOM sale incentives	Projects selling to TGDISCOMs may receive supervision-charge and net-SGST reimbursement.	Clean and Green Energy Policy 2025	Quantified incentive	100% net SGST for women SHG / VO decentralised projects; 50% for other solar	Allocation during policy period and PPA COD deadline.	Approved claim after investment / commissioning	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Fixed-capital-investment basis.
Rooftop solar	Eligible public / residential categories	Policy promotes households, Indiramma Indlu, government educational institutions and other government buildings.	Clean and Green Energy Policy 2025	Quantified incentive	100% net SGST reimbursement	Specified rooftop categories.	Net / gross metering agreement	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	RESCO, self-owned, co-located captive, HAM and other suitable models are contemplated.
Residential solar	PM Surya Ghar progress	Parliament reports Telangana's national-portal progress.	Lok Sabha UQ 2806	Quantified current progress	86,897 applications; 55,596 installations; 204.90 MW; ₹331.81 crore CFA	Central residential CFA rules.	Portal and DISCOM verification	MNRE; DISCOMs	https://sansad.in/getFile/lsaps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	At 31-Jul-2026; included within rooftop total.
Agricultural solar	PM-KUSUM Component A	Parliament reports sanctioned decentralised plant capacity and installation status.	Lok Sabha UQ 1996	Quantified sanctioned	1,797 MW sanctioned; 0 MW installed at 31-Jan-2026	Scheme and sanction conditions.	Project award and COD	MNRE; TGREDCO	https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals	Do not treat sanctioned MW as installed.
Agricultural solar	PM-KUSUM Components B and C	Parliament reports allocations and zero installations at the answer date.	Lok Sabha UQ 1996	Quantified sanctioned	20,000 B pumps; 28,000 C-IPS pumps; zero installed at 31-Jan-2026	Scheme-specific.	Beneficiary / tender execution	MNRE; TGREDCO	https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals	Later MNRE off-grid capacity uses a different date and reporting scope.
Agricultural solar	KUSUM-C IPS tender	TGREDCO tendered 7.5 kW systems for existing grid-connected agricultural pumps.	Tender ID 611245	Quantified tender process	126.30 MW; 16,840 pumps; 81 villages	Tender terms and DCR requirement.	Award, supply, installation and commissioning	TGREDCO	https://tgredco.telangana.gov.in/Updates_2025/Tender_Consolidated_view_611245.pdf	Tender is not evidence of award or commissioning.
Wind	Existing physical portfolio	MNRE reports wind capacity physically located in Telangana.	MNRE state-wise installed capacity	Quantified current	128.10 MW at 31-Aug-2026	Project-route specific.	Connectivity, OA / procurement and COD	TGREDCO; TGTRANSCO; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf	Matches the policy baseline at rounded precision.
Wind	FY2030 / FY2035 planning	Policy plans material expansion from a small current base.	Clean and Green Energy Policy 2025	Quantified target	2,528 MW / 4,528 MW	Policy incentives depend on route.	Resource, land, grid and procurement	TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	NIWE potential cited by policy: 24,835 MW at 120 m and 54,717 MW at 150 m.
Wind	Project incentives	Wind projects receive deemed conversion, facilitation, conditional land-ceiling relief and stamp-duty reimbursement.	Clean and Green Energy Policy 2025	Quantified incentive	100% stamp-duty reimbursement; 100% MSME duty exemption for 8 years	Electricity consumed within State for duty relief.	Approved claim and compliance	TGREDCO; State authorities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Land ceiling relief is tied to firm order / PPA / successful bid.
Wind	Repowering	Policy adopts the MNRE repowering framework as amended from time to time.	Clean and Green Energy Policy 2025	Live policy direction	No separate State MW target	Project-specific.	Technical and regulatory approval	TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Check current MNRE repowering rules.
Storage	Policy planning table	Policy combines battery and pumped-storage planning in its storage trajectory.	Clean and Green Energy Policy 2025	Quantified target	3,805 MW in FY2030; 7,917 MW in FY2035	Technology and procurement specific.	Tender, land, grid and COD	State Government; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Do not treat as operational capacity.
Pumped storage	Development route	Government land may be leased and project milestones are prescribed.	Clean and Green Energy Policy 2025	Quantified implementation	50% works within 5 years; commissioning within 6 years	Allocation / lease terms apply.	Milestones and PBG	Nodal agency; GENCO / utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Extensions may be granted through PBG encashment.

Sector	Policy / programme item	Provision or evidence	Instrument	Status / classification	Target / actual number	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker note
Pumped storage	Project incentives	Policy provides 100% stamp-duty reimbursement and reimburses water cess on net water entry for TGDISCOM sale projects.	Clean and Green Energy Policy 2025	Quantified incentive	50% net SGST for TGDISCOM-sale PSPs	Allocation and PPA COD conditions.	Claim after milestones / COD	State Government; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Recycled water between storage sites is excluded from water-cess basis.
BESS	Procurement and land	BESS is to be procured through tariff-based competitive bidding; land near substations may be used for storage-as-a-service.	Clean and Green Energy Policy 2025	Quantified terms	Government lease: 10% of market value/year; 5% escalation every 2 years	Successful-bid and PPA terms.	Tender, lease and COD	TGTRANSCO; DISCOMs; TGREDCO	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	OA / captive BESS uses the project-registration route stated in policy.
BESS	Commissioning timeline	Policy sets a short commissioning period for OA / captive / group-captive BESS.	Clean and Green Energy Policy 2025	Quantified timeline	1 year; possible 1-year extension against PBG	Allocation conditions.	Construction and COD	TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Not an installed-capacity claim.
BESS	Project incentives	Applicable BESS projects receive deemed conversion, facilitation, conditional land-ceiling relief and stamp-duty reimbursement.	Clean and Green Energy Policy 2025	Quantified incentive	100% stamp-duty; 50% net SGST for TGDISCOM-sale projects	Firm order / PPA / bid and project route.	Claim after approved investment / COD	State Government; TGREDCO	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Supervision-charge reimbursement also applies for TGDISCOM-sale projects.
BESS manufacturing	Capital subsidy	Initial battery manufacturing projects receive an investment subsidy.	Clean and Green Energy Policy 2025	Quantified incentive	20% FCI; cap ₹30 crore/plant; disbursed over 5 years	Initial projects until cumulative 5,000 MWh manufacturing capacity.	Commercial production and claim	Industries Department; TGREDCO	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Other incentives can continue beyond the initial-capacity threshold.
Hybrid / FDRE	Hybrid development	Policy encourages solar-wind, floating-solar combinations, RE plus storage, FDRE and RE-RTC.	Clean and Green Energy Policy 2025	Live policy direction	No stand-alone aggregate MW target	TBCB for TGDISCOM sale.	Connectivity, tender and COD	TGREDCO; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Existing connectivity may be reused where policy conditions are met.
Bio-power	Existing physical portfolio	MNRE total combines bagasse, non-bagasse cogeneration and waste-to-energy.	MNRE state-wise installed capacity	Quantified current	242.11 MW	Technology-specific.	Feedstock, approvals, offtake / captive route and COD	TGREDCO; pollution-control authorities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf	158.10 bagasse; 23.74 non-bagasse; 45.80 grid WTE; 14.47 off-grid WTE.
Bioenergy	NBP Phase-I subset	Parliament reports installations supported under Phase-I programme components.	Rajya Sabha UQ 2061	Quantified programme subset	24.24 MW non-bagasse; 88.1 TPH pellets/briquettes; 0.63 MWe WTE; 23 biogas plants	Central programme-specific.	Project records	MNRE	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Subset does not equal State bio-power total.
Other RE	TGDISCOM sale incentives	Waste-to-energy and other RE projects receive differentiated net-SGST reimbursement.	Clean and Green Energy Policy 2025	Quantified incentive	100% net SGST for WTE; 50% for other RE	Allocation during policy period and PPA COD.	Approved claim	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Supervision-charge reimbursement also applies.
Biofuels	CBG capital subsidy	Policy supports eligible CBG plants from commercial production.	Clean and Green Energy Policy 2025	Quantified incentive	20% FCI; up to ₹1 crore/TPD; cap ₹30 crore/plant; 5 years	Minimum 10 TPD; first 1,000 plants or 10,000 TPD.	Commercial production and claim	State Government; nodal agency	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Separate from electricity capacity.
Biofuels	2G ethanol capital subsidy	Policy supports eligible second-generation ethanol plants.	Clean and Green Energy Policy 2025	Quantified incentive	20% FCI; up to ₹1.5 crore/KLPD; cap ₹30 crore/plant; 5 years	Minimum 25 KLPD; first 50 plants or 1,500 KLPD.	Commercial production and claim	State Government; nodal agency	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	No establishment incentive for 1G ethanol under this policy.
Biofuels	Tax and SFPZ support	Policy adds SGST and zone-linked support.	Clean and Green Energy Policy 2025	Quantified incentive	100% net SGST for 5 years; ₹2/unit power reimbursement in SFPZ for 5 years	Specified fuels / SFPZ route.	Claim under operative guidelines	State Government	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Interest subvention and land rebates are separately specified.

Sector	Policy / programme item	Provision or evidence	Instrument	Status / classification	Target / actual number	Support / commercial treatment	Implementation requirement	Responsible body	Official source	Tracker note
Green hydrogen	Production target	Policy sets State production targets for green hydrogen.	Clean and Green Energy Policy 2025	Quantified target	418 KTPA in FY2030; 554 KTPA in FY2035	Project-specific incentives.	Investment, RE supply, approvals and production	State Government; nodal agency	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Target is output, not MW.
Green hydrogen	Electrolyser project subsidy	Policy supports electrolyser-stack plant and equipment.	Clean and Green Energy Policy 2025	Quantified incentive	30%; cap ₹1 crore/MW or ₹1 crore/1,400 TPA; ₹30 crore/plant; 5 years	Eligible green-hydrogen production project.	Commercial production and claim	State Government	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Integrated ammonia / methanol facilities have separate unit caps.
Green hydrogen	Power and fiscal support	Policy reimburses selected grid charges and local power purchases.	Clean and Green Energy Policy 2025	Quantified incentive	₹3/unit local-DISCOM power reimbursement for 20 years; 100% intra-State transmission reimbursement for 10 years	Renewable electricity and production conditions.	Approved sourcing and claims	State Government; utilities	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Also includes duty, CSS / AS and stamp-duty provisions with stated periods.
Electrolyser manufacturing	Manufacturing subsidy	Policy supports electrolyser and hydrogen-fuel-cell manufacturing.	Clean and Green Energy Policy 2025	Quantified incentive	25% FCI; cap ₹30 crore/plant; 5 years	Minimum 500 MW/year; first 5 plants or 3,000 MW.	Commercial production and claim	Industries Department	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Net-SGST, duty, water and tariff support are separate.
EV charging	Public infrastructure target	Policy targets expansion of public charging and battery-swapping facilities.	Clean and Green Energy Policy 2025	Quantified target	6,000 by 2030; 12,000 by 2035	Competitive-bid / site terms.	CPO tender and commissioning	Nodal agency; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Commercial complexes at or above 5,000 sq m must include charging stations.
Planning	CEA FY2035-36 mix	CEA least-cost study combines existing, planned and additional contracts.	CEA Telangana Resource Adequacy Report 2026	Modelled contracted capacity	80,856 MW total; solar 32,884; wind 6,128; DRE 7,580; storage 11,725	Planning model, not policy sanction.	Contracting and timely COD	CEA; Telangana SLDC; utilities	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf	Includes 5,700 MW STOA/MTOA and non-RE sources.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

State-policy provisions | Central CFA | Manufacturing | Biofuels | Hydrogen

Benefits are not automatically cumulative. Each requires the applicable notification, eligible investment, claim process, budget and verification. The policy PDF's scan OCR can misread '100%' as '400%'; entries here follow the visible policy provision and context.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Solar projects	Stamp duty	Reimbursement on land purchased for eligible projects	100%	Quantified State incentive	Eligible solar project	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Claim route and proof of payment required.
Solar MSMEs	Electricity duty	Exemption where electricity consumption is within Telangana	100% for 8 years from COD	Quantified State incentive	Eligible MSME project	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Consumption-location condition applies.
Solar projects selling to DISCOMs	Net SGST	Fixed-capital-investment reimbursement	100% women SHG / VO decentralised; 50% other solar	Quantified State incentive	Policy-period allocation and PPA COD	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Not a generation tariff.
Rooftop categories	Net SGST	Households, Indiramma Indlu and specified government buildings	100%	Quantified State incentive	Specified category and approved project	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Metering follows TGERC rules.
Solar manufacturing	Capital subsidy	Fixed capital investment	25%; cap ₹30 crore/plant; paid over 5 years	Quantified State incentive	Commercial production	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Plant-specific ceiling.
Solar manufacturing	Tax / network / tariff	Net SGST, intra-State transmission, wheeling, CSS and power tariff	100% SGST for 7 years; 100% network/CSS reimbursement and ₹1/kWh for 10 years	Quantified State incentive	Eligible in-State manufacturing plant	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Plant and machinery cap applies to SGST reimbursement.
Wind projects	Stamp / duty support	Land stamp-duty reimbursement and MSME electricity-duty exemption	100%; duty relief for 8 years	Quantified State incentive	Eligible wind project	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Check project route and claim rules.
PSP	Project support	Stamp duty, supervision charges and water cess	100% stamp duty; 50% net SGST for DISCOM-sale projects	Quantified State incentive	Eligible PSP and PPA COD	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Water cess applies only on net water entry and is reimbursed.
BESS projects	Project support	Stamp duty and DISCOM-sale net SGST	100% stamp duty; 50% net SGST	Quantified State incentive	Eligible BESS; additional DISCOM-sale conditions	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Supervision charges reimbursed for DISCOM-sale projects.
Battery manufacturing	Capital subsidy	Fixed capital investment	20%; cap ₹30 crore/plant; paid over 5 years	Quantified State incentive	Initial projects up to cumulative 5,000 MWh	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Other incentives have separate conditions.
Other RE / WTE	Net SGST	Fixed-capital-investment reimbursement for DISCOM-sale projects	100% WTE; 50% other RE	Quantified State incentive	Policy-period allocation and PPA COD	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Technology-specific rates.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
CBG	Capital subsidy	Fixed capital investment	20%; ₹1 crore/TPD cap basis; ₹30 crore/plant	Quantified State incentive	Minimum 10 TPD and programme limits	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Paid over five years from commercial production.
2G ethanol	Capital subsidy	Fixed capital investment	20%; ₹1.5 crore/KLPD cap basis; ₹30 crore/plant	Quantified State incentive	Minimum 25 KLPD and programme limits	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	No establishment incentive for 1G plants.
Biofuels	Net SGST	Sales of 1G / 2G ethanol and CBG	100% for 5 years	Quantified State incentive	Commercial production	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	SFPZ support is separate.
Green hydrogen production	Capital subsidy	Electrolyser stack plant and equipment	30%; capped per MW / TPA and ₹30 crore/plant	Quantified State incentive	Eligible production project	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Disbursed over five years.
Green hydrogen production	Power support	Local DISCOM electricity purchase	₹3/kWh for 20 years	Quantified State incentive	Approved local-DISCOM supply	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Separate from OA charge reimbursements.
Electrolyser / fuel-cell manufacturing	Capital subsidy	Fixed capital investment	25%; cap ₹30 crore/plant; paid over 5 years	Quantified State incentive	Minimum 500 MW/year; first 5 or 3,000 MW	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Manufacturing eligibility gates apply.
Residential consumers	PM Surya Ghar CFA	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified central CFA	Eligible residential consumer and commissioned system	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	National portal and DISCOM process apply.
Bioenergy projects	National Bioenergy Programme — Phase-I	Briquette / pellet and non-bagasse cogeneration	Phase-I CFA: briquettes ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets ₹21 lakh/MTPH, cap ₹105 lakh; torrefied pellets ₹42 lakh/MTPH, cap ₹210 lakh. Pellet CFA is limited to the lower of the capacity-based amount and 30% of eligible plant/machinery cost; revised rates apply to post-16-Jul-2024-OM applications. Non-bagasse cogeneration: ₹40 lakh/MW, cap ₹5 crore/project.	Phase-I ended; valid sanctions only	Valid in-principle approval and programme conditions	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice. Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Rooftop arrangements | GEOA | Banking | Charge stack | RPPO

Telangana's rooftop, open-access and RPPO instruments govern different transaction routes. Apply the correct instrument and current tariff order; State-policy reimbursements are incentive claims, not replacements for regulatory charges.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop regulation	TGERC issued a consolidated rooftop solar PV grid-interactive regulation in 2025.	Regulation 1 of 2025; published 15-Nov-2025	Eligible consumer / generator	TGERC Rooftop Solar PV Grid Interactive Systems Regulations 2025	DISCOMs; TGERC	https://www.tgerc.telangana.gov.in/file_upload/uploads/Regulations/Final/tserc/2025/Proceeding%20Solar.pdf	Supersedes reliance on the older 2016 framework for current projects.
Metering models	Regulation provides net, group net, gross and virtual net metering routes.	Route-specific	Eligible rooftop applicant	TGERC 2025 rooftop regulation	DISCOMs	https://www.tgerc.telangana.gov.in/file_upload/uploads/Regulations/Final/tserc/2025/Proceeding%20Solar.pdf	Use the exact route's eligibility and settlement clauses.
Policy interface	State policy permits net / gross metering and multiple ownership / service models.	RESCO, self-owned, co-located captive, HAM	Policy-supported rooftop categories	Clean and Green Energy Policy 2025	TGREDCO; DISCOMs	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Regulation, not policy prose, governs billing implementation.
Application	Rooftop applications and technical feasibility are handled by the distribution licensee.	Current DISCOM procedure applies	Rooftop applicant	TGERC 2025 rooftop regulation	TGSPDCL / TGNPDCL	https://www.tgerc.telangana.gov.in/file_upload/uploads/Regulations/Final/tserc/2025/Proceeding%20Solar.pdf	Check live portal and implementation guidelines.
Settlement	Export credit and surplus treatment depend on the selected metering arrangement.	Billing-period and settlement clauses apply	Rooftop prosumer	TGERC 2025 rooftop regulation	DISCOMs	https://www.tgerc.telangana.gov.in/file_upload/uploads/Regulations/Final/tserc/2025/Proceeding%20Solar.pdf	Do not transpose GEOA banking rules to rooftop billing.
Open access	The 2024 regulation consolidates ordinary and Green Energy Open Access.	Effective on Gazette publication in March 2024	OA / GEOA user	TGERC Regulation 1 of 2024	STU; SLDC; DISCOMs	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Read with the 2026 first amendment.
GEOA threshold	Consumers with contracted demand or sanctioned load may aggregate qualifying connections in one electricity division.	100 kW or more	Green-energy consumer	TGERC Regulation 1 of 2024, clause 9.2	GOAR; State nodal agency	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Captive eligibility follows applicable rules.
OA duration	Users are classified by contract term.	Long-term >7 to 25 years; medium-term >1 month to 7 years; short-term ≤1 month	OA applicant	TGERC Regulation 1 of 2024	STU / SLDC	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Different nodal agencies and timeframes apply.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA portal	Applications are submitted through the national Green Energy Open Access Registry.	Online routing through GOAR	GEOA applicant	TGERC Regulation 1 of 2024	CNA; State nodal agency	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Dues and technical requirements still apply.
Scheduling	GEOA banking injection and drawal are subject to scheduling.	15-minute time blocks under the regulation	GEOA consumer / generator	TGERC Regulation 1 of 2024	SLDC; DISCOMs	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Forecasting / DSM may also apply.
Banking eligibility	Banking is available to consumers availing GEOA for surplus green energy after own consumption.	Monthly basis	GEOA consumer	TGERC Regulation 1 of 2024, clause 33	DISCOMs; SLDC	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Subject to permitted quantum and ToD restrictions.
Banking charge	Charge is deducted in kind from banked energy.	8%	GEOA consumer	TGERC Regulation 1 of 2024, clause 33.3	DISCOMs	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Transmission / wheeling charges and losses are levied once on banked energy.
ToD drawal	Peak-slot banked energy may be drawn in peak or off-peak; off-peak banking is drawn only off-peak.	Monthly / ToD constraints	GEOA consumer	TGERC Regulation 1 of 2024	DISCOMs; SLDC	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Current tariff order defines slots.
Unused banked energy	The 2026 amendment assigns REC entitlement for unutilised banked quantum to the renewable generating station.	Amendment effective on Gazette publication	RE generating station	TGERC Regulation 2 of 2026	SLDC; REC registry	https://tgerc.telangana.gov.in/final.php/file_upload/uploads/regulations/final/tserc/file_upload/uploads/Regulations/Final/TGERC/2026/1st%20Amend%20to%20Reg%201%20of%202024/1st%20Amend%20to%20Reg%201%20of%202024%20Gazette.pdf	Amendment also clarifies inadvertent injection before wheeling agreement submission.
Charge stack	OA can attract transmission, wheeling, CSS, AS, standby, scheduling, DSM / imbalance and losses.	Rates in current orders	OA consumer	TGERC Regulation 1 of 2024	TGERC; utilities	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Project-policy reimbursements do not erase the underlying regulatory charge.
CSS protection	For eligible GEOA renewable supply, CSS increase is capped over a defined period.	Within 12 years, increase not more than 50% of first-year CSS	Eligible GEOA consumer	TGERC Regulation 1 of 2024	TGERC; DISCOMs	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Exceptions and source-switch conditions apply.
Small RE scheduling	Actual monthly generation is deemed scheduled for certain smaller plants.	Solar, wind and mini-hydro up to 5 MW contracted capacity	Specified OA generator	TGERC Regulation 1 of 2024, clause 32.5	SLDC; DISCOMs	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Settlement remains subject to regulation.
RPPO trajectory	State Regulation 7 of 2022 sets solar and non-solar obligations through FY2026-27.	FY2026-27: 11% solar + 2% non-solar = 13%	Obligated entity	TGERC RPPO Regulation 2022	TGERC; State Agency	https://www.tgtransco.com/it_uploads/RPPO_Regulation-2022.pdf	Applies to its defined consumption base.
RPPO entities	Distribution licensees, qualifying fossil captive users and OA consumers are covered.	1 MW thresholds in the 2022 regulation for stated captive / OA categories	Obligated entity	TGERC RPPO Regulation 2022	State Agency	https://www.tgtransco.com/it_uploads/RPPO_Regulation-2022.pdf	Check later national RCO requirements and current orders in parallel.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop RPPO accounting	Eligible rooftop generation can count toward the DISCOM's solar obligation.	Generation meter installed by DISCOM if it seeks the credit	Non-obligated rooftop consumer / DISCOM	TGERC RPPO Regulation 2022	DISCOM; State Agency	https://www.tgtransco.com/it_uploads/RPPO_Regulation-2022.pdf	Gross-meter purchases and qualifying transactions may also count.
Waste-to-energy offtake	Distribution licensees must procure all power from WTE plants in Telangana.	100%	State WTE plant / DISCOM	TGERC RPPO Regulation 2022	DISCOMs; TGERC	https://www.tgtransco.com/it_uploads/RPPO_Regulation-2022.pdf	Tariff / procurement route still requires regulatory treatment.
Resource adequacy	TGERC notified a State resource-adequacy framework in 2026.	Regulation 3 of 2026	Utilities / planning entities	TGERC Framework for Resource Adequacy Regulation 2026	TGERC; SLDC; utilities	https://www.tgerc.telangana.gov.in/final.php/file_upload/uploads/Regulations/Final/tserc/gallery/file_upload/uploads/Regulations/Final/tserc/2018/file_upload/uploads/Regulations/Final/tserc/2026/3%20of%202026/file_upload/uploads/Regulations/Final/tserc/2026/TGERC%20RA%20Regulations%202026.pdf	Planning framework does not itself sanction projects.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Telangana renewable-energy projects

Scheme amounts, portals and windows can change. Use the linked primary source, live portal and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Telangana tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; DISCOMs	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Telangana had 55,596 installations and 204.90 MW at 31-Jul-2026.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and pump / feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; TGREDCO	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Sanctions and installations are tracked separately. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme https://mnre.gov.in/en/bio-mass/	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Small hydro	Small Hydro Power Development Scheme	Eligible 1–25 MW projects	Eligible 1–25 MW projects; FY2026-27–FY2030-31. 20% of the lower of actual or CERC normative cost; cap ₹20 crore/project.	Quantified per sanction	MNRE; SECI; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared infrastructure for utility-scale solar	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Project-specific approval required.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	Mission / SIGHT support is award-specific	Quantified per call / award	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	State-policy support is separate.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Telangana tracker use
Storage	Central energy-storage frameworks	Utility-scale BESS / PSP procurement	Project-specific VGF / enabling-infrastructure support	Quantified per project	Ministry of Power; State utilities	https://powermin.gov.in/en/content/energy-storage-system	No Telangana award is inferred without an order.
Open access	Green Energy Open Access Rules	Renewable supply to eligible consumers	Implemented through TGERC Regulation 1 of 2024	Regulatory	TGERC; GOAR; utilities	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	State threshold and banking provisions are shown in Grid & Metering.
Skills	Suryamitra / allied training	Renewable-energy technician capacity building	Programme-based; no Telangana MW target	Unquantified State share	MNRE institutions / training centres	https://mnre.gov.in/en/physical-progress/	Training output is not installed capacity.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Material figures were checked against at least two official publications where an independent comparator exists. Dates, ownership, programme stage and statistical scope can differ; the tracker preserves those differences instead of forcing false reconciliation.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 31-Aug-2026	Location-based solar components, wind, bio-power, small hydro, large hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Checked 18-Sep-2026; primary source
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Checked 18-Sep-2026; primary portal
Capacity cross-check	CEA installed-capacity report, 31-Aug-2026	Independent publication of MNRE RES totals within CEA's utility-capacity report	https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	Checked 18-Sep-2026; official CEA source
State policy	Telangana Clean and Green Energy Policy 2025	Operative period, targets, project routes and incentives	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Checked 18-Sep-2026; official State policy
State policy portal	TGREDCO Downloads	Official hosting and policy availability	https://tgredco.telangana.gov.in/downloads.aspx	Checked 18-Sep-2026; primary agency portal
State agency	TGREDCO portal	Schemes, tenders, rooftop and nodal-agency implementation	https://tgredco.telangana.gov.in/	Checked 18-Sep-2026; primary agency portal
Generation planning	CEA Telangana Resource Adequacy Report 2026	March-2025 contracted capacity, demand, planned additions and modelled FY2035-36 mix	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf	Checked 18-Sep-2026; primary CEA source
Rooftop progress	Lok Sabha UQ 2806, answered 5-Aug-2026	PM Surya Ghar applications, installations, households, MW and CFA at 31-Jul-2026	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Checked 18-Sep-2026; primary parliamentary answer
Agricultural solar	Lok Sabha UQ 1996, answered 11-Feb-2026	PM-KUSUM sanctions, zero installations, demands and funds at 31-Jan-2026	https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals	Checked 18-Sep-2026; primary parliamentary answer
Bioenergy	Rajya Sabha UQ 2061, answered 10-Mar-2026	NBP Phase-I Telangana programme subset	https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Checked 18-Sep-2026; primary parliamentary answer
KUSUM tender	TGREDCO Tender ID 611245	126.30 MW / 16,840-pump / 81-village KUSUM-C IPS tender	https://tgredco.telangana.gov.in/Updates_2025/Tender_Consolidated_view_611245.pdf	Checked 18-Sep-2026; official tender record
Rooftop regulation	TGERC Rooftop Solar PV Grid Interactive Systems Regulations 2025	Current metering framework	https://www.tgerc.telangana.gov.in/file_upload/uploads/Regulations/Final/tserc/2025/Proceeding%20Solar.pdf	Checked 18-Sep-2026; final regulation / proceeding
Open access	TGERC Terms and Conditions of Open Access Regulation 2024	Eligibility, application, charges, scheduling and banking	https://greenopenaccess.in/assets/files/GEOA%20State%20Regulations%202.0/Telangana%20State%20Electricity%20Regulatory%20Commission%20(Terms%20and%20Conditions%20of%20Open%20Access)%20Regulation,%202024.pdf	Checked 18-Sep-2026; final regulation

Category	Document / authority	What it verifies	Official link	Status / date checked
Open-access amendment	TGERC Regulation 2 of 2026	REC entitlement for unused banked energy and inadvertent injection	https://tgerc.telangana.gov.in/final.php/file_upload/uploads/regulations/final/tserc/file_upload/uploads/Regulations/Final/TGERC/2026/1st%20Amend%20to%20Reg%201%20of%202024/1st%20Amend%20to%20Reg%201%20of%202024%20Gazette.pdf	Checked 18-Sep-2026; official final amendment
RPPO	TGERC Regulation 7 of 2022	FY2022-23 to FY2026-27 State RPPO trajectory	https://www.tgtransco.com/it_uploads/RPPO_Regulation-2022.pdf	Checked 18-Sep-2026; official regulation copy
Regulatory register	TGERC final regulations page	Confirms 2025 rooftop, 2026 OA amendment and 2026 resource-adequacy instruments	https://www.tgerc.telangana.gov.in/final.php/file_upload/uploads/Regulations/Final/tserc/gallery/file_upload/uploads/Regulations/Final/tserc/2018/file_upload/uploads/Regulations/Final/tserc/2026/3%20of%202026/file_upload/uploads/Regulations/Final/tserc/2026/TGERC%20RA%20Regulations%202026.pdf	Checked 18-Sep-2026; primary regulator register
Residential solar	MNRE PM Surya Ghar operational guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE Biomass Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and award-specific support	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 18-Sep-2026; primary source
Storage	Ministry of Power energy-storage framework	Central policy and support routes	https://powermin.gov.in/en/content/energy-storage-system	Checked 18-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity reconciliation	MNRE component sum	5,165.14 solar + 128.10 wind + 242.11 bio + 89.67 SHP + 2,405.60 large hydro = 8,030.62 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Checked 18-Sep-2026; exact arithmetic reconciliation
Solar reconciliation	MNRE solar component sum	4,360.49 ground + 795.90 rooftop + 0 hybrid + 8.75 off-grid = 5,165.14 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Checked 18-Sep-2026; exact arithmetic reconciliation
Bio reconciliation	MNRE bio component sum	158.10 bagasse + 23.74 non-bagasse + 45.80 grid WTE + 14.47 off-grid WTE = 242.11 MW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Checked 18-Sep-2026; exact arithmetic reconciliation
Capacity cross-check	MNRE and CEA	CEA republishes State RES from MNRE within its 31-Aug-2026 installed-capacity report; scope labels retained	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	Checked 18-Sep-2026; two official publications

Category	Document / authority	What it verifies	Official link	Status / date checked
Scope cross-check	MNRE versus CEA RA	8,030.62 MW location-based RE at 31-Aug-2026 versus 19,551 MW all-source contracted capacity at Mar-2025	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf	Checked 18-Sep-2026; not forced to reconcile
Solar scope cross-check	MNRE versus State policy	5,165.14 MW physical solar at 31-Aug-2026 versus policy baseline 7,889 MW including upcoming capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Checked 18-Sep-2026; scope/date difference preserved
Wind cross-check	MNRE versus State policy	128.10 MW physical wind at 31-Aug-2026 versus rounded 128 MW policy baseline	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf	Checked 18-Sep-2026; direct consistency
Rooftop cross-check	MNRE versus Parliament	795.90 MW total rooftop at 31-Aug-2026 includes, but is not limited to, 204.90 MW PM Surya Ghar at 31-Jul-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AU2806_bFn9By.pdf?source=lsapps	Checked 18-Sep-2026; subset and date preserved
KUSUM cross-check	MNRE versus Parliament	8.75 MW off-grid / KUSUM-B at 31-Aug-2026 versus zero installed in scheme answer at 31-Jan-2026	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals	Checked 18-Sep-2026; later date / reporting scope preserved
KUSUM stage check	Parliament versus tender	Zero C-IPS installations at 31-Jan-2026; 126.30 MW tender record is procurement evidence, not commissioning	https://sansad.in/getFile/loksabhaquestions/annex/187/AU1996_Fakc8n.pdf?source=pqals https://tgredco.telangana.gov.in/Updates_2025/Tender_Consolidated_view_611245.pdf	Checked 18-Sep-2026; stages kept separate
Bio scope cross-check	MNRE versus Parliament	242.11 MW State bio-power versus NBP Phase-I supported subset of 24.24 MW non-bagasse and other non-MW outputs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/annex/270/AU2061_oUJ6hA.pdf?source=pqars	Checked 18-Sep-2026; subset preserved
Planning cross-check	State policy versus CEA RA	Policy FY2035 table and CEA FY2035-36 model use different vintages and totals; neither is treated as commissioned	https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf	Checked 18-Sep-2026; planning vintages preserved
Review convention	No capacity-stage aggregation	Targets, sanctions, tenders, contracted shares, model outputs and physical MW remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://tgredco.telangana.gov.in/Updates_2025/Telangana_Clean_and_Green_Energy_Policy_2025.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/01/Report_on_Resource_Adequacy_Plan_Generation_for_Telangana_till_2035_36.pdf	Checked 18-Sep-2026; applied throughout workbook

Uttar Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 7 September 2026

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Synopsis

Uttar Pradesh Renewable Energy: Policy and Investment Synopsis

Uttar Pradesh's renewable energy framework centres on solar, bioenergy and green hydrogen, with separate provisions for storage and industrial supply. State support includes capital subsidies, land concessions, rooftop assistance and relief on eligible electricity transactions.

1. Policy Overview

- Major instruments: Solar Energy Policy 2022, State Bio-Energy Policy 2022, Green Hydrogen Policy 2024 and UPERC's renewable-energy, open-access and rooftop-solar regulations.
- Installed renewable capacity: 8,906.52 MW at 31 July 2026, comprising 6,024.43 MW solar, 2,329.89 MW bio-power, 50.60 MW small hydro and 501.60 MW large hydro.
- Solar composition: 3,157.70 MW ground-mounted, 2,486.10 MW rooftop and 380.63 MW off-grid/KUSUM-B.

2. Major Commitments and Projections

- Solar target: 22,000 MW by FY2026–27, comprising 14,000 MW utility-scale/solar parks, 6,000 MW rooftop and 2,000 MW PM-KUSUM C1/C2.
- Green hydrogen/ammonia target: 1 million tonnes of annual production capacity by 2028.
- Feeder solarisation: PPAs covering 2,553.5 MW were submitted for tariff adoption. This is procurement-stage capacity.
- Pumped storage: Ten State-approved proposals total 15,950 MW. These are project proposals, not commissioned capacity.

3. Investment Framework

- Solar fiscal support: Eligible projects receive 100% stamp-duty exemption and electricity-duty exemption for up to ten years.
- Solar network charges: Eligible standalone solar above 5 MW receives 100% transmission/wheeling exemption for qualifying UPPCL sales and 50% for qualifying intra-State captive/third-party use.
- Solar-storage subsidy: Qualifying solar with four-hour BESS, or standalone solar-charged BESS, supplying UPPCL/distribution licensees receives ₹2.50 crore/MW, subject to minimum 5 MW size, sanction and allocation.
- Residential rooftops: State assistance is ₹15,000/kW, capped at ₹30,000 per consumer, alongside eligible Central assistance.
- Government land: Eligible private solar-park developers receive leases at ₹15,000/acre/year for up to 30 years, subject to allotment.
- Bioenergy: CBG capital support is ₹75 lakh per tonne of production capacity, capped at ₹20 crore/unit. Eligible enterprises receive fiscal concessions and government-land leases at ₹1/acre/year.
- Green hydrogen: Capital support varies by location and project category. Eligible renewable supply receives specified network-charge, cross-subsidy surcharge and electricity-duty exemptions for up to ten years.
- Open access and banking: Green open access starts at 100 kW. Eligible captive solar/wind banking carries an 8% energy charge and monthly limits.

4. Principal Implications

- Solar network concessions vary by buyer and supply structure, affecting delivered electricity costs.
- Monthly banking limits make matching captive generation with consumption commercially important.
- The storage subsidy is restricted by duration, project size and offtake conditions.
- Bioenergy land and capital support favour eligible production enterprises; benefits depend on technology and capacity definitions.

5. Investment Outlook

- Industrial solar: Captive and third-party projects have defined network-charge concessions.
- Rooftops: Residential State assistance supports installation portfolios.
- Solar-storage: Qualifying utility supply has a quantified subsidy basis.
- Bioenergy and hydrogen: Technology-specific capital support, land concessions and electricity-cost relief support eligible production projects.

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Overview

Uttar Pradesh Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Updated and verified 7 September 2026

Read definitions carefully: MNRE figures are physically located in Uttar Pradesh; CEA / UPPCL figures are contracted resources and planning projections and can include resources outside the State. Policy targets are not treated as commissioned capacity. Monetary support remains subject to eligibility, operative orders, sanctions and budget availability.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in Uttar Pradesh	8,906.52	No consolidated State-wide RE-capacity target is stated in the cited operative sector policies; the Solar Energy Policy separately targets 22,000 MW solar by FY 2026-27	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf
Solar—total physically installed	6,024.43	22,000 MW by FY 2026-27	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf
Solar—ground mounted	3,157.70	14,000 MW utility-scale solar / solar parks by FY 2026-27	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf
Solar—rooftop (residential + non-residential)	2,486.10	6,000 MW by FY 2026-27: 4,500 MW residential + 1,500 MW non-residential	Quantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf
Solar—off-grid / PM-KUSUM component B	380.63	2,000 MW distributed solar under PM-KUSUM C1 / C2 by FY 2026-27	Quantified; categories differ	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf
Bio-power physically installed	2,329.89	The Bio-Energy Policy promotes a geographic roll-out of eligible bioenergy enterprises; it does not state an aggregate MW target	Quantified current; aggregate target unquantified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/
Hydro physically installed	552.20	UPPCL contracted hydro + SHP: 4,470 MW in FY 2027-28 and 5,247 MW in FY 2035-36	Quantified; contracted target is not local capacity	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/202608111583565918.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Wind physically installed / UPPCL contracted	0 MW local; 1,556 MW contracted at Jan-2026	3,901 MW contracted FY 2027-28; 10,546 MW FY 2035-36	Quantified; contracted supply may be outside UP	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/2026081111583565918.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf
Pumped storage—State approvals / CEA advanced stage / UPPCL procurement	15,950 MW across 10 State-approved projects; 3,240 MW CEA-concurred/appraised; UPPCL disclosed 2,750 MW pumped-hydro storage discovered through bidding	Project pipeline / procurement; not commissioned capacity	Quantified; stages can overlap	https://invest.up.gov.in/list-of-approved-psp-projects/ https://www.pib.gov.in/PressReleasePage.aspx?PRID=2286558&lang=1&reg=3 https://uppcl.org/site/writereaddata/siteContent/20260418163040109 1Annual%20Report%202024-25_Final.pdf
Green hydrogen / green ammonia	Operating production capacity is not reported on the cited policy page	1 MMTPA production capacity by 2028	Quantified target; current unquantified	https://invest.up.gov.in/green-hydrogen-policy/
UPPCL contracted capacity / firming resources—latest baseline	35,995 MW total contracted at Jan-2026; 2,480 MW FDRE tied up through PSAs; 625 MW / 2,500 MWh BESS tied up, with a further 375 MW BESS tranche under procurement	134,749 MW total contracted capacity and 13,938 MW ESS in FY 2035-36 CEA resource-adequacy projection	Quantified contracted / procurement / planning	https://uppcl.org/site/writereaddata/siteContent/20260418163040109 1Annual%20Report%202024-25_Final.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf
PM-KUSUM Component C-2 feeder solarisation—current procurement stage	UPERC notice records PPAs submitted for tariff adoption covering cumulative 2,553.5 MW of grid-connected feeder-level solar	Solar Policy target: 2,000 MW under PM-KUSUM C1 / C2 by FY 2026-27	Quantified procurement / policy target; not commissioned capacity	https://www.uperc.org/Notice_Users.aspx https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the Uttar Pradesh tracker

> *These definitions control the comparison of physical capacity, contracted capacity, policy targets, planning projections and incentives.*

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, production target, funding amount, incentive rate, count or deadline.
Unquantified	The instrument states a direction, eligible activity or implementation intent without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in Uttar Pradesh. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied to UPPCL through allocation, PPA or market arrangement; it may be located outside Uttar Pradesh.
Planning projection	A future capacity or procurement assumption in a resource-adequacy or system-planning document; it is not commissioned capacity.
Policy target	A stated State-policy objective. It is not treated as installed, awarded or contracted capacity unless a separate source establishes that stage.
ECI	Eligible capital investment, as defined in the Uttar Pradesh Green Hydrogen Policy 2024 for incentive calculation.
CSS	Cross-subsidy surcharge. Qualifying captive consumption is exempt under statute; other exemptions require an express policy, regulation or order.
Additional surcharge	Open-access surcharge whose liability is determined by the applicable UPERC regulation / order; it is not assumed exempt unless expressly stated.
Net metering	Imported and exported electricity are netted in the billing period under the UPERC rooftop-solar framework.
Gross metering	Eligible rooftop generation is exported and compensated at the applicable Solar Injection Compensation rate.
Net billing	Imported energy is billed and exported energy is credited separately at the applicable rate; use only where the live regulatory / DISCOM route permits it.
RCO	Renewable / non-fossil consumption obligation applicable to obligated entities under the prevailing Central framework and State implementation.
PSP	Pumped Storage Project. Approval, CEA concurrence/appraisal, construction and operation are separate stages.
BESS / ESS	Battery Energy Storage System / Energy Storage System. A planning requirement is not treated as commissioned storage.
FDRE	Firm and Dispatchable Renewable Energy procurement, generally combining renewable generation with storage and/or complementary supply.
WBA	Wheeling and Banking Agreement used for eligible banking arrangements under the governing UPERC framework.
S&I	Survey and investigation stage; it is not equivalent to an approved, under-construction or operational project.
MMTPA	Million metric tonnes per annum. The Green Hydrogen Policy target is stated on this production-capacity basis.

SHEET 4 OF 8

Policy Tracker

Solar and sub-sectors | Bioenergy | Hydro | Pumped storage | Wind | Storage | Green hydrogen | Grid operations

'Applicable provision' describes the operative treatment; 'Governing instrument' identifies the controlling policy, regulation or order. Numeric entries state the relevant capacity, year, incentive or fund; where a metric is absent, the entry states that it is not specified in the cited instrument.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Cross-sector	State renewable -energy framework	Uttar Pradesh currently operates through sector-specific solar, bioenergy and green-hydrogen policies plus UPERC regulations rather than a single omnibus RE policy.	UP Solar Energy Policy 2022; UP State Bio-Energy Policy 2022; UP Green Hydrogen Policy 2024; UPERC regulations	Quantified by sector	Solar target 22,000 MW by FY 2026-27; green hydrogen / ammonia target 1 MMTPA by 2028; bioenergy incentives are technology-specific	Sector-specific incentives and grid treatment; no single State-wide RE capital-support schedule.	UPNEDA / Invest UP / utility / UPERC route according to technology	Department of Additional Sources of Energy; UPNEDA; UPERC; UPPCL; Invest UP	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Do not infer an aggregate State RE target by adding unlike targets.
Solar	Utility-scale / solar parks	Development of grid-connected utility solar and solar parks through public and private procurement routes.	Uttar Pradesh Solar Energy Policy 2022; UPERC CRE Regulations 2024	Quantified	3,157.70 MW ground-mounted physically installed 31-Jul-2026; 14,000 MW utility-scale / solar-park target by FY 2026-27	PPA / tariff and transmission-wheeling treatment depend on sale route; policy-level fiscal incentives apply where eligible.	UPNEDA facilitation / registration; UPPCL or DISCOM tender / PPA; connectivity and regulatory approval	UPNEDA; UPPCL; DISCOMs; UPERC	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Installed, awarded and contracted MW must remain separate.
Solar	Rooftop—net metering	Eligible consumers may install rooftop solar under net metering for self-consumption and export surplus energy to the DISCOM.	UPERC Rooftop Solar PV Regulations 2019; First Amendment 2022; Second Amendment 2023; Third Amendment 2025; UP Solar Energy Policy 2022	Quantified	System size: 1 kWp–2 MWp and not above 100% of connected / contracted demand. Net metering covers metered domestic LMV-1, metered agriculture LMV-5 and specified government / educational consumers including LMV-4A, LMV-4B and HV-1; 2,486.10 MW combined rooftop solar physically installed 31-Jul-2026.	Residential CFA / State support is scheme- and sanction-specific; billing settlement follows UPERC rules.	National / UPNEDA portal plus DISCOM feasibility, metering, interconnection and commissioning	MNRE; UPNEDA; DISCOMs; UPERC	https://www.upneda.org.in/MediaGallery/MuftBijiliYojanBooklet.pdf https://www.uperc.org/App_File/PRESSRELEASE-pdf1128202393657AM.pdf https://www.uperc.org/App_File/NotifiedRSPVREGULATIONS2019THIRDAMENDMENT-PDF619202523809PM.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf	The 2 MW / 100%-of-demand rule applies to the rooftop system; c onsumer-category eligibility determines whether settlement is net metering, net billing / net feed-in or gross metering.
Solar	Rooftop—net billing / gross metering	Consumers outside the net-metering categories can use net billing / net feed-in or gross metering subject to the UPERC rooftop framework; gross-metering injection compensation is governed by the 2025 Third Amendment.	UPERC Rooftop Solar PV Regulations 2019 as amended through 2025; UP Solar Energy Policy 2022	Quantified formula; category target quantified	System size: 1 kWp–2 MWp and not above 100% of connected / contracted demand; Solar Policy target: 1,500 MW non-residential rooftop by FY 2026-27; gross-metering Solar Injection Compensation follows the Third Amendment formula.	Export credit / Solar Injection Compensation is order-dependent rather than a fixed policy tariff.	DISCOM application, metering and billing route; confirm applicable consumer category	DISCOMs; UPERC; UPNEDA	https://www.upneda.org.in/MediaGallery/MuftBijiliYojanBooklet.pdf https://www.uperc.org/App_File/PRESSRELEASE-pdf1128202393657AM.pdf https://www.uperc.org/App_File/NotifiedRSPVREGULATIONS2019THIRDAMENDMENT-PDF619202523809PM.pdf https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Use the current DISCOM / UPERC compensation order for revenue modelling; rooftop capacity limits and settlement category are separate tests.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Solar	Solar cities / public-sector rooftops	Ayodhya is the model solar city; the policy extends the solar-city programme to 16 Nagar Nigams and promotes rooftop systems on government / PSU / educational buildings.	Uttar Pradesh Solar Energy Policy 2022	Quantified count; MW unquantified	Ayodhya + 16 Nagar Nigam cities; about 13.50 lakh houses to be covered with rooftop plants during the policy period	Project / scheme support is route-specific; no separate city-wide capital fund is stated in the cited policy summary.	UPNEDA / urban local body / DISCOM / departmental implementation	UPNEDA; Urban Development / ULBs; DISCOMs	https://invest.up.gov.in/solar-energy-policy-2022/ https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	City designation is not commissioned MW.
Solar	Agricultural feeder solarisation / PM-KUSUM	Solarisation of segregated agricultural feeders, grid-connected private tube wells and decentralised rural solar is promoted under State policy and PM-KUSUM; current UPPCL/UPNEDA procurement has moved beyond the original policy target on a tendered/PPA basis.	UP Solar Energy Policy 2022; PM-KUSUM; UPERC tariff-adoption proceedings 2026	Quantified policy target / procurement / installed	2,000 MW C1 / C2 policy target by FY 2026-27; UPERC Aug-2026 notice records PPAs submitted for tariff adoption for cumulative 2,553.5 MW feeder-level solar; 380.63 MW off-grid / KUSUM-B physically installed 31-Jul-2026	State support differs by component and beneficiary; see Financial Support sheet.	UPNEDA KUSUM portals, DISCOM tenders / PPAs, UPERC tariff adoption and beneficiary application route	MNRE; UPNEDA; UPPCL / DISCOMs; UPERC; Agriculture Department	https://www.uperc.org/Notice_Users.aspx https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://pmkusum.mnre.gov.in/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf	Do not treat the 2,553.5 MW PPA/tariff-adoption quantum as commissioned capacity; KUSUM-B installed capacity is a different category.
Solar	Solar plus four-hour BESS	Utility-scale solar paired with four-hour BESS and standalone BESS charged by solar may qualify for the State policy incentive when supplying UPPCL / distribution licensee.	Uttar Pradesh Solar Energy Policy 2022	Quantified	₹2.50 crore/MW State subsidy; minimum project size 5 MW; storage duration 4 hours	Capital subsidy subject to eligibility, sanction, implementing order and budget availability.	UPNEDA / UPPCL scheme or procurement documents	UPNEDA; UPPCL; DISCOMs	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Confirm live allocation before treating the policy ceiling as bankable support.
Solar	Bundelkhand Green Energy Corridor	State policy provides for a Green Energy Corridor in Bundelkhand to evacuate solar generation.	Uttar Pradesh Solar Energy Policy 2022	Quantified	Evacuation planned for 4,000 MW solar capacity; capacity can be enhanced depending on private investment	Network support is infrastructure-led rather than a per-project cash subsidy.	Transmission planning / project connectivity / STU process	UPPTCL / STU; UPPCL; UPNEDA; UPERC	https://invest.up.gov.in/solar-energy-policy-2022/ https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Treat 4,000 MW as evacuation design capacity, not installed generation.
Solar	Floating / canal / reservoir / infrastructure solar	Policy promotes floating, canal-top, reservoir / water-body and infrastructure-corridor solar including railways and expressways.	Uttar Pradesh Solar Energy Policy 2022	Unquantified	No separate MW target or earmarked fund stated in the cited policy; included within the broader 22,000 MW solar objective	Tender / PPA / lease and viability terms are project-specific.	Relevant implementing agency tender / approval plus UPNEDA and grid connectivity	UPNEDA; UPPCL; water / transport / infrastructure agency	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Count capacity only when a project-specific award or commissioning source establishes the stage.
Solar	Off-grid / distributed solar	Policy supports off-grid and decentralised solar uses; MNRE separately reports off-grid / KUSUM-B installed capacity.	Uttar Pradesh Solar Energy Policy 2022; applicable MNRE schemes	Quantified current; target not separately stated	380.63 MW off-grid / KUSUM-B physically installed 31-Jul-2026	Scheme-specific support only where notified.	UPNEDA / MNRE programme process	UPNEDA; MNRE	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf	Do not add off-grid / KUSUM-B MW again to rooftop or ground-mounted figures.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Bioenergy	Biomass and bagasse cogeneration	Biomass / bagasse generation and cogeneration operate under the current CRE framework; eligible bioenergy enterprises may also use State-policy incentives.	UPERC CRE Regulations 2024; UP State Bio-Energy Policy 2022	Quantified current	1,985.50 MW bagasse cogeneration + 184.76 MW non-bagasse biomass physically installed 31-Jul-2026	Banking and grid charges follow CRE rules; State capital support applies only to eligible enterprise categories.	UPERC / DISCOM interconnection, PPA or OA route; UPNEDA for State-policy incentives	UPERC; UPNEDA; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf	Installed bio-power includes several technologies; do not treat it as policy-sanctioned enterprise capacity.
Bioenergy	Waste-to-energy	Municipal / eligible waste-based generation is included in the CRE framework and central WTE programme; banking treatment differs from other RE.	UPERC CRE Regulations 2024; MNRE Waste-to-Energy Programme	Quantified current; target unquantified	159.63 MW waste-to-energy physically installed 31-Jul-2026; no separate State MW target stated in cited sector policy	MSW banking is not allowed under the CRE banking table; central support is programme-specific.	Project clearances, UPNEDA / MNRE scheme route, DISCOM / UPERC grid process	UPNEDA; UPERC; urban local bodies; UPPCB	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf https://mnre.gov.in/en/waste-to-energy/	Check feedstock category and pollution-control approvals.
Bioenergy	CBG / Bio-CNG / bio-coal / biodiesel	State Bio-Energy Policy provides production-capacity-linked incentives for eligible CBG, bio-coal and biodiesel enterprises.	Uttar Pradesh State Bio-Energy Policy 2022	Quantified incentives	CBG ₹75 lakh/tonne up to ₹20 crore; bio-coal ₹75,000/tonne up to ₹20 crore; biodiesel ₹3 lakh/kL up to ₹20 crore	Capital subsidy plus stamp-duty, electricity-duty, development-charge and land provisions subject to eligibility.	UPNEDA registration / approval plus statutory clearances	UPNEDA; Invest UP; relevant local / pollution authorities	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/ https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf	The policy does not state a single aggregate MW / TPD target for these enterprise types.
Hydro	Small hydro up to 25 MW	Small hydro is covered by the CRE framework; eligible 1–25 MW projects can access the current MNRE SHP scheme.	UPERC CRE Regulations 2024; MNRE SHP Development Scheme FY 2026-27 to FY 2030-31	Quantified current and Central support	50.60 MW small hydro physically installed 31-Jul-2026; Central ordinary-location CFA 20% of lower of actual or CERC normative project cost, capped at ₹20 crore	Central CFA is subject to scheme eligibility and allocation; grid treatment follows UPERC rules.	MNRE scheme process plus State connectivity / regulatory route	MNRE; UPERC; UPNEDA / relevant hydro agency	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/	Do not combine SHP CFA with large-hydro or PSP policy treatment.
Hydro	Large hydro	Large hydro physically located in the State is reported by MNRE; UPPCL separately contracts hydro resources that can be outside Uttar Pradesh.	MNRE state-wise capacity; CEA UPPCL Resource Adequacy Plan	Quantified	501.60 MW large hydro physically installed 31-Jul-2026; UPPCL contracted hydro + SHP 3,948 MW at Jan-2026	Procurement / tariff is project- and PPA-specific.	UPPCL procurement / allocation; regulatory approval where required	UPPCL; UPERC; CEA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Location-based and contracted hydro use different boundaries.
Hydro	UPPCL contracted hydro / SHP	CEA resource-adequacy plan projects growth in contracted hydro resources available to UPPCL.	CEA Resource Adequacy Plan for UPPCL 2026-27 to 2035-36	Quantified planning projection	4,470 MW in FY 2027-28; 5,247 MW in FY 2035-36	PPA / allocation and transmission treatment are procurement-specific.	UPPCL planning and procurement route	UPPCL; CEA; UPERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Planning projection is not a State hydro-development target.
Pumped storage	State-approved project pipeline	Invest UP publishes a State-facing list of approved PSP proposals with project capacities and water sources.	Invest UP approved PSP project list	Quantified pipeline	10 projects; listed capacities total 15,950 MW as at the 3-Jun-2026 page update	No general per-MW State subsidy is stated on the approval list; project economics are approval / procurement specific.	State in-principle / water / land approvals followed by CEA and other statutory processes as applicable	Invest UP; State departments; CEA; CWC / water authorities	https://invest.up.gov.in/list-of-approved-psp-projects/	Approval-list capacity is not CEA-concurred, under-construction or operational capacity.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Pumped storage	CEA-concurred / appraised projects	CEA concurrence/appraisal identifies projects that have advanced beyond preliminary State approval.	CEA / Ministry of Power PSP status, Rajya Sabha reply	Quantified stage	Kandhaura 1,680 MW concurred 13-Jun-2025; Chichlik 1,560 MW appraised 8-Jul-2026; combined 3,240 MW	Project-specific financing and offtake; no generic State cash subsidy stated in cited source.	CEA appraisal / concurrence and subsequent construction approvals	CEA; project developers; State authorities	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2286558&lang=1&reg=3	CEA capacities supersede older State-list design capacities for the cited advanced-stage projects.
Pumped storage	Approval / development route	PSPs require stage-specific water, land, environmental and technical approvals. Qualifying Mega-and-above PSP infrastructure projects can also access the State industrial-policy incentive route.	CEA / MoP PSP framework; Uttar Pradesh Industrial Investment & Employment Promotion Policy 2022 and implementation SOP	Quantified eligibility / incentive	Eligible PSP investment size: Mega and above (₹200 crore+ under IIEPP categories); incentive rates vary by project category and region	Eligible PSPs receive the IIEPP stamp-duty benefit plus Base Capital Subsidy under Option 1, without GCM or boosters; State-policy double-dipping restrictions apply.	Invest UP / UPSIDA industrial-policy application plus CEA / State technical, water, land and environmental approvals	Invest UP; IIDD; UPSIDA; CEA; State water / environment authorities	https://invest.up.gov.in/uttar-pradesh-industrial-investment-employment-promotion-policy-2022/ https://invest.up.gov.in/list-of-approved-psp-projects/	State approval, incentive eligibility, CEA concurrence/appraisal, construction and commissioning are separate stages.
Wind	Physically installed / contracted wind	Uttar Pradesh has no location-based wind capacity in the cited MNRE table, while UPPCL contracts wind resources from elsewhere.	MNRE state-wise capacity; CEA UPPCL Resource Adequacy Plan	Quantified	0 MW location-based wind 31-Jul-2026; 1,556 MW UPPCL-contracted wind at Jan-2026	No standalone UP wind capital subsidy is stated in the cited State sector policies.	UPPCL / intermediary procurement and PPA route	UPPCL; UPERC; CEA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811583565918.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Do not present contracted out-of-State wind as wind installed in Uttar Pradesh.
Wind	Contracted wind growth plan	CEA planning projects additional contracted wind for UPPCL to meet resource adequacy / non-fossil requirements.	CEA Resource Adequacy Plan for UPPCL	Quantified planning projection	3,901 MW FY 2027-28; 10,546 MW FY 2035-36	Tariff and support are tender / PPA specific.	UPPCL / intermediary procurer tender and PPA	UPPCL; UPERC; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	This is a procurement projection, not a State wind-resource development target.
Wind / solar	Hybrid / FDRE / complementary solar	UPPCL has already tied up firm and dispatchable renewable supply through PSAs; CEA resource planning assumes further hybrid / FDRE procurement as the portfolio scales.	UPPCL Annual Report 2024-25; CEA Resource Adequacy Plan for UPPCL	Quantified contracted / planning	2,480 MW FDRE already tied up through PSAs in UPPCL's 2026 disclosure; CEA FY 2027-28 planning includes 300 MW hybrid and 4,010 MW FDRE; complementary solar 800 MW in FY 2028-29	Tariff and contractual support depend on competitive procurement / PSA / PPA.	UPPCL / intermediary procurer bidding and UPERC tariff adoption where required	UPPCL; UPERC; SECI / intermediary procurer as applicable	https://uppcl.org/site/writereaddata/siteContent/20260418163040109 1Annual%20Report%202024-25_Final.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Keep PSA-tied capacity separate from future resource-adequacy projections.
Storage	Solar+BESS State incentive	State Solar Policy explicitly incentivises utility-scale solar with four-hour BESS and eligible standalone solar-charged BESS.	Uttar Pradesh Solar Energy Policy 2022	Quantified	₹2.50 crore/MW; minimum 5 MW; 4-hour storage	State capital subsidy subject to scheme conditions, sanction and budget.	UPNEDA / UPPCL scheme or tender route	UPNEDA; UPPCL	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Do not assume every BESS procurement qualifies for this State incentive.
Storage	BESS / ESS—current tie-ups and resource plan	UPPCL has moved from planning to contracted BESS procurement, while CEA's resource-adequacy plan models a much larger storage build-out over the next decade.	UPPCL Annual Report 2024-25; CEA Resource Adequacy Plan for UPPCL; 2026 UPERC tariff-adoption proceedings	Quantified contracted / procurement / planning	625 MW / 2,500 MWh tied up (375 MW SJVN + 250 MW NVVN); additional 375 MW BESS tranche under procurement in UPPCL's 2026 disclosure; CEA ESS projection reaches 13,938 MW in FY 2035-36	Existing tie-ups use Central VGF-supported procurement structures; the separate ₹2.50 crore/MW State solar+BESS incentive should not be assumed to apply.	UPPCL / intermediary procurement, BEDPA / PSA and UPERC tariff-adoption route	UPPCL; UPERC; SJVN; NVVN; Ministry of Power / BIA as applicable	https://uppcl.org/site/writereaddata/siteContent/20260418163040109 1Annual%20Report%202024-25_Final.pdf https://www.uperc.org/Notice_Users.aspx https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Contracted, tendered and planning MW are different stages; do not add them as commissioned storage.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Storage	Central storage procurement / VGF interface	State procurement can use Central BESS / storage guidelines or VGF where a live tender / sanction applies.	Ministry of Power / CEA / SECI scheme and procurement documents	Quantified per scheme / tender	No single UP-wide amount is stated in the cited State policies	Support, if any, is tender / sanction specific and should not be assumed across the pipeline.	Follow the specific Central / UPPCL tender and sanction route	Ministry of Power; CEA; SECI; UPPCL	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Separate Central scheme support from the ₹2.50 crore/MW State solar+BESS provision.
Storage	Pumped-storage role in resource plan and procurement	PSP and BESS are system-flexibility resources. Uttar Pradesh has a large State-approved PSP pipeline, two projects at CEA concurrence/appraisal stage, and UPPCL has disclosed competitively discovered PSP procurement.	CEA Resource Adequacy Plan; CEA / MoP PSP status; UPPCL Annual Report 2024-25; IIEPP 2022	Quantified by project / procurement / plan	15,950 MW across 10 State-approved PSP proposals; 3,240 MW CEA-concurred/appraised (Kandhaura 1,680 MW + Chichlik 1,560 MW); UPPCL disclosed 2,750 MW pumped-hydro storage discovered through bidding	Qualifying Mega-and-above PSPs can receive IIEPP 2022 stamp-duty benefit and Base Capital Subsidy; offtake / market revenues remain project-specific.	Invest UP / IIDD incentive route, CEA / State approvals, and UPPCL procurement / market route	Invest UP; IIDD; CEA; UPPCL; UPERC; State authorities	https://invest.up.gov.in/list-of-approved-psp-projects/ https://invest.up.gov.in/uttar-pradesh-industrial-investment-employment-promotion-policy-2022/ https://www.pib.gov.in/PressReleasePage.aspx?PRID=2286558&lang=1&reg=3 https://uppcl.org/site/writereaddata/siteContent/20260418163040109 1Annual%20Report%202024-25_Final.pdf	Do not double-count State-approved, CEA-concurred/appraised and UPPCL-procured PSP capacities; the sets can overlap.
RE compliance	Renewable / non-fossil consumption trajectory	UPPCL planning and Central RCO framework use a rising non-fossil consumption trajectory for obligated entities.	Ministry of Power RCO framework; CEA UPPCL Resource Adequacy Plan	Quantified	38.81% FY 2027-28; 41.36% FY 2028-29; 43.33% FY 2029-30	Compliance through eligible non-fossil consumption / certificates as permitted by the governing framework.	Obligated-entity compliance and regulatory reporting	BEE / Ministry of Power; UPERC; UPPCL	https://www.beeindia.gov.in/show_content.php?lang=1&level=1&lid=291&ls_id=186 https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	RCO percentages are consumption obligations, not generation-capacity targets.
Green hydrogen	Production target	State policy promotes green hydrogen / green ammonia production and ecosystem development.	Uttar Pradesh Green Hydrogen Policy 2024	Quantified	1 MMTPA production capacity by 2028	Capital, land, power and ecosystem incentives apply subject to policy eligibility and sanction.	UPNEDA / single-window / Invest UP route	UPNEDA; Department of Additional Sources of Energy; Invest UP	https://invest.up.gov.in/green-hydrogen-policy/	The official Invest UP policy summary states 2028 as the target year.
Green hydrogen	Capital subsidy	Eligible green-hydrogen / ammonia projects receive location- and project-category-based capital subsidy on ECI.	Uttar Pradesh Green Hydrogen Policy 2024	Quantified	Normal schedule ranges from 10% to 30% of ECI depending on location and project category; annual / aggregate ceilings apply	Capital subsidy subject to ECI definition, project classification, location and sanction.	Apply under State incentive / single-window process	UPNEDA; Invest UP; State empowered authorities	https://invest.up.gov.in/green-hydrogen-policy/ https://invest.up.gov.in/wp-content/uploads/2024/03/GreenHPolicy_190324.pdf	Model exact district and Large / Mega / Super Mega / Ultra Mega category; do not apply the 30% headline universally.
Green hydrogen	First-five-project enhanced subsidy	Enhanced support is available to the first five qualifying projects under the policy conditions.	Uttar Pradesh Green Hydrogen Policy 2024	Quantified	First 5 projects: up to 40% capital subsidy; maximum ₹225 crore as stated on official Invest UP page	Higher rate remains subject to project category, location, ECI and approval conditions.	State application / approval route	UPNEDA; Invest UP; State authorities	https://invest.up.gov.in/green-hydrogen-policy/	Do not combine normal and enhanced rates.
Green hydrogen	Land / stamp-duty treatment	Policy provides concessional government-land treatment and stamp-duty exemption for eligible projects.	Uttar Pradesh Green Hydrogen Policy 2024	Quantified	Private developers: ₹15,000/acre/year; public-sector entities: ₹1/acre/year; 100% stamp-duty exemption	Land availability, allotment and use remain subject to applicable land / revenue rules.	Single-window / land-allotment and registration route	Revenue / land authorities; Invest UP; UPNEDA	https://invest.up.gov.in/green-hydrogen-policy/	Captive-solar land norms are separate and should be checked project by project.

Sector	Sub-sector / project type	Applicable provision / treatment	Governing instrument	Quantification	Actual numbers / year / earmarked funds	Financial support / grid treatment	Application / implementation route	Responsible authority	Official source	Application / interpretation note
Green hydrogen	Power-supply charge waivers	Eligible green-hydrogen / ammonia projects receive policy-level electricity-duty and specified intra-State network-charge relief.	Uttar Pradesh Green Hydrogen Policy 2024 + UPERC implementation	Quantified	100% electricity-duty exemption and 100% intra-State wheeling / transmission / CSS exemption for first 10 years or project life, whichever is earlier	Waivers require eligibility and operative grid implementation; interstate treatment follows Central rules.	Project registration plus OA / connectivity / scheduling process	UPNEDA; UPERC; UPPTCL; DISCOMs	https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Confirm live regulatory / billing implementation before financial close.
Green hydrogen	Monthly banking	Policy provides monthly banking for renewable electricity used by eligible green-hydrogen projects.	Uttar Pradesh Green Hydrogen Policy 2024 + UPERC implementation	Quantified	Up to 25 years or project life, whichever is earlier	Banking settlement and operational conditions follow applicable UPERC / WBA procedures.	WBA / OA / scheduling and settlement route	UPERC; UPSLDC; DISCOMs; UPNEDA	https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Policy duration does not override system-operating requirements.
Green hydrogen	CoEs / startups / incubators	Policy promotes R&D, Centres of Excellence, startups and incubators for the hydrogen ecosystem.	Uttar Pradesh Green Hydrogen Policy 2024	Quantified in policy; official summary also states ecosystem target	Official Invest UP summary targets 4 CoEs; specific assistance is selection- and guideline-dependent	Research / startup support requires approved institution / cohort and no prohibited double funding.	UPNEDA / selected institution / programme call	UPNEDA; Higher Education / technical institutions; Invest UP	https://invest.up.gov.in/green-hydrogen-policy/	Use the current programme call for grant quantum; do not infer a general entitlement from the ecosystem target.
Cross-sector	Green open access	UPERC open-access framework has been amended for Green Energy Open Access and the CRE framework reduces the RE open-access minimum capacity threshold.	UPERC Open Access Regulations 2019 as amended 2024; CRE Regulations 2024; 2026 Removal of Difficulty Order	Quantified	Minimum RE open-access capacity reduced from 1 MW to 100 kW; transaction fees / process follow current UPERC instruments	CSS, additional surcharge, transmission, wheeling and banking depend on transaction structure and applicable exemption.	Application to nodal agency / SLDC / STU / DISCOM according to tenure and connection	UPERC; UPSLDC; UPPTCL; DISCOMs	https://www.uperc.org/Notified_User.aspx https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf https://www.uperc.org/App_File/NotifiedUPERCOARegulationsRODFirstOrder2026-pdf8252026111147AM.pdf	Use current UPERC order for procedural fees and metering; do not rely on pre-amendment 1 MW threshold.
Cross-sector	Solar evacuation / transmission-line support	Solar Policy combines the Bundelkhand Green Energy Corridor with project-specific evacuation support for qualifying projects in identified regions / sale routes.	Uttar Pradesh Solar Energy Policy 2022	Quantified	Bundelkhand corridor designed for 4,000 MW solar evacuation; policy also specifies transmission-line support lengths by project size for qualifying projects	Infrastructure support is route- and project-specific; not a universal cash subsidy.	UPNEDA / UPPCL / STU connectivity and project approval	UPPTCL / STU; UPPCL; UPNEDA	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Check exact project location, size and PPA route before applying support.
Cross-sector	Manufacturing and skills	Solar Policy promotes manufacturing and creates a human-resource programme for solar deployment.	Uttar Pradesh Solar Energy Policy 2022	Quantified skills target; manufacturing target unquantified	30,000 youth to be trained as Surya Mitra over 5 years	Manufacturing incentives flow through applicable industrial policies; no solar-manufacturing MW target stated in Solar Policy.	UPNEDA training centres; Invest UP / IIDD for manufacturing units	UPNEDA; IIDD; Invest UP	https://invest.up.gov.in/solar-energy-policy-2022/ https://invest.up.gov.in/iidd/	Skills target should not be read as project employment already created.
Grid operations	Forecasting / scheduling / DSM	Solar and wind scheduling / forecasting follow UPERC procedures; other generators follow the applicable State / Central grid and deviation framework.	UPERC ABT Solar & Wind Regulations 2018; Forecasting / Scheduling Procedure 2020; CRE Regulations 2024; current Grid Code / DSM orders	Quantified in operative procedure	Tolerance bands, scheduling timelines and deviation charges are technology- and regulation-specific	Charges are regulatory, not policy incentives.	Generator / QCA registration, scheduling and settlement with UPSLDC	UPSLDC; UPERC	https://www.uperc.org/App_File/Procedureforforecasting-pdf320202051144PM.pdf https://www.uperc.org/Notified_User.aspx	A draft 2026 UP Electricity Grid Code should not be treated as notified until UPERC finalises it.

SHEET 5 OF 8

Financial Support

Incentives, charge treatment and quantified programme support

Benefits are not automatic entitlements: verify the live implementing order, project eligibility, sanction and available allocation.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Solar + BESS	Qualifying utility solar with four-hour BESS or standalone solar-charged BESS; minimum 5 MW	State capital subsidy	₹2.50 crore/MW; 4-hour storage	Quantified	UP Solar Energy Policy 2022	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Confirm operative scheme / allocation and offtake eligibility before relying on the ceiling.
Solar land	Land used for eligible solar power plant / solar park	Stamp-duty exemption	100%	Quantified	UP Solar Energy Policy 2022	https://invest.up.gov.in/solar-energy-policy-2022/	Confirm eligible instrument, land use and registration conditions.
Solar electricity duty	Eligible solar project under policy conditions	Electricity-duty exemption	100% for up to 10 years	Quantified	UP Solar Energy Policy 2022	https://invest.up.gov.in/solar-energy-policy-2022/	Check commissioning date, consumption / sale route and operative billing order.
Solar government land	Eligible solar project / park using government land	Concessional long-term lease treatment	Public-sector project: ₹1/acre/year; private solar-park developer: ₹15,000/acre/year; up to 30 years	Quantified	UP Solar Energy Policy 2022	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Subject to land availability, allotment and applicable revenue rules.
Residential rooftop	Eligible private residential net-metered rooftop system	State subsidy under Solar Policy, in addition to eligible Central assistance	₹15,000/kW; maximum ₹30,000 per consumer	Quantified policy provision	UP Solar Energy Policy 2022; PM Surya Ghar implementation	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://pmsuryaghar.gov.in/	Confirm live UPNEDA / portal disbursement and double-funding treatment before relying on this policy provision.
PM-KUSUM C1 State support	Eligible ST / Vantangia / Musahar farmers and other eligible farmers	State subsidy in addition to Central support	70% for specified vulnerable categories; 60% for other farmers	Quantified	UP Solar Energy Policy 2022 / PM-KUSUM	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Confirm component, beneficiary class and current implementation guideline. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply. Original period ended 31-Mar-2026. State assistance remains subject to the relevant sanctioned component.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
PM-KUSUM C2 State VGF	Eligible feeder / decentralised plant arrangement	State VGF in addition to Central support	Up to ₹50 lakh/MW	Quantified	UP Solar Energy Policy 2022 / PM-KUSUM	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Tender / sanction can prescribe a lower amount or different payment conditions. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026. Individual SCOD and sanction terms apply. Original period ended 31-Mar-2026. State assistance remains subject to the relevant sanctioned component.
CBG / Bio-CNG	Eligible compressed-biogas production unit	State production-capacity-linked capital subsidy	₹75 lakh per tonne of capacity; cap ₹20 crore/unit	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/	Verify the policy capacity definition and eligible expenditure.
Bio-coal / pellets	Eligible bio-coal production unit	State production-capacity-linked capital subsidy	₹75,000 per tonne of capacity; cap ₹20 crore/unit	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/	Confirm feedstock, technology and eligible expenditure.
Biodiesel	Eligible biodiesel production unit	State production-capacity-linked capital subsidy	₹3 lakh per kilolitre of capacity; cap ₹20 crore/unit	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/	Confirm feedstock and fuel-standard compliance.
Biomass collection equipment	Eligible baler / raker / trolley and specified collection equipment	State equipment subsidy in addition to eligible Central farm-mechanisation support	30% of eligible cost; cap ₹20 lakh	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/ https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf	Confirm approved equipment list and cumulative subsidy restrictions.
Bioenergy fiscal / development charges	Eligible bio-energy enterprise	100% stamp-duty exemption; 100% electricity-duty exemption; 100% development-charge exemption	Electricity-duty exemption for 10 years from commercial production; other exemptions per policy	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/ https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf	Verify the eligible instrument, commencement date and local-authority implementation.
Bioenergy government land	Eligible bio-energy industry and feedstock storage	Concessional government-land lease	₹1/acre/year	Quantified	UP State Bio-Energy Policy 2022	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/	Subject to availability, allotment, permitted use and land / revenue rules.
Green hydrogen—normal capital subsidy	Eligible Large / Mega / Super Mega / Ultra Mega project by location	Capital subsidy on ECI	10%–30% of ECI depending on location and project category; policy ceilings apply	Quantified	UP Green Hydrogen Policy 2024	https://invest.up.gov.in/green-hydrogen-policy/	Use exact district, project category, ECI definition and annual / aggregate ceiling.
Green hydrogen—first five projects	Qualifying first-five projects under policy conditions	Enhanced capital subsidy	Up to 40%; maximum ₹225 crore as stated on official Invest UP page	Quantified	UP Green Hydrogen Policy 2024	https://invest.up.gov.in/green-hydrogen-policy/	Do not stack normal and enhanced subsidy rates; confirm queue / eligibility status.
Green hydrogen—land / stamp duty	Eligible green-hydrogen / ammonia project	Concessional land treatment and stamp-duty exemption	₹15,000/acre/year for private developers; ₹1/acre/year for public sector; 100% stamp-duty exemption	Quantified	UP Green Hydrogen Policy 2024	https://invest.up.gov.in/green-hydrogen-policy/	Land allotment remains subject to availability and applicable revenue / water / planning approvals.
Green hydrogen—power charges	Eligible project using qualifying renewable electricity	100% electricity-duty exemption and 100% intra-State wheeling / transmission / CSS exemption	First 10 years or project life, whichever is earlier	Quantified	UP Green Hydrogen Policy 2024 + UPERC implementation	https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Confirm live regulatory / billing implementation and transaction structure.

Sector / measure	Eligible provision	Support / charge treatment	Actual amount / period	Quantification	Governing instrument	Official source	Conditions / verification
Pumped storage—IIEPP 2022	Qualifying PSP infrastructure project categorised as Mega or above	Stamp-duty benefit plus Base Capital Subsidy under Option 1; GCM and employment / export / ecosystem boosters do not apply	Stamp-duty exemption: 100% in Bundelkhand & Poorvanchal; 75% in Madhyanchal & Paschimanchal excluding Gautam Buddh Nagar / Ghaziabad; 50% in Gautam Buddh Nagar / Ghaziabad. Base capital subsidy follows Mega / Super Mega / Ultra-Mega Option-1 rates by region.	Quantified	Uttar Pradesh Industrial Investment & Employment Promotion Policy 2022; infrastructure-project SOP	https://invest.up.gov.in/uttar-pradesh-industrial-investment-employment-promotion-policy-2022/	Eligible investment size is Mega and above. Projects availing IIEPP incentives cannot simultaneously claim another State-policy incentive for the same head; verify the live SOP and sanction.
Small hydro central CFA	Eligible 1–25 MW SHP; location-specific CFA	MNRE capital financial assistance	FY2026-27–FY2030-31. Qualifying international-border districts: 30%, capped at ₹30 crore/project; other locations: 20%, capped at ₹20 crore/project. In each case, use the lower of actual and CERC normative capital cost.	Quantified	Small Hydro Power Development Scheme	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

SHEET 6 OF 8

Grid & Metering

Grid, SLDC Charges and Metering

Green open access | Banking | SLDC | DSM | Net metering | Gross metering | Net billing

This sheet separates enforceable UPERC rules from State-policy provisions. Rates are shown only where a current official instrument specifies them.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green open-access eligibility	Renewable-energy open access is available at the reduced minimum threshold under the current UPERC framework; captive use remains subject to captive qualification.	100 kW minimum RE open-access capacity in the current CRE / OA framework	Eligible Green OA / RE consumers and generators	UPERC OA Regulations 2019 as amended 2024; CRE Regulations 2024	UPERC; UPSLDC; UPPTCL / STU; DISCOM	https://www.uperc.org/Notified_User.aspx https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Use the amended threshold; do not apply the earlier 1 MW minimum.
Green OA—2026 procedural order	UPERC issued a Removal of Difficulty First Order in 2026 to address implementation of the amended open-access framework.	Procedural requirements and fees per 2026 order	Green OA consumers / Lead Green OA Consumer as applicable	UPERC OA Regulations—Removal of Difficulty First Order 2026	UPERC; UPSLDC; STU; DISCOM	https://www.uperc.org/App_File/NotifiedUPERCOARegulationsRODFirstOrder2026-pdf8252026111147AM.pdf https://www.uperc.org/Notified_User.aspx	Use the 2026 order for the live application / registration mechanics rather than older procedures.
Green OA metering	Metering under open access follows CEA metering requirements and the current UPERC procedural order.	Metering requirements are voltage / transaction specific	OA consumers and generators	UPERC OA framework; 2026 Removal of Difficulty Order; CEA metering regulations	UPERC; DISCOM; STU / SLDC	https://www.uperc.org/App_File/NotifiedUPERCOARegulationsRODFirstOrder2026-pdf8252026111147AM.pdf	Confirm meter configuration at the connection voltage before procurement / commissioning.
Captive / group-captive test	Captive consumers qualify for statutory CSS exemption only when the ownership and annual consumption tests are met.	At least 26% ownership and at least 51% annual electricity consumption by captive users	Captive and group-captive projects	Electricity Rules 2005, Rule 3; current captive-verification framework	UPERC; DISCOM; SLDC / STU	https://www.uperc.org/Notified_User.aspx	The 2022 UPERC captive-verification regulations were repealed in 2026; statutory Rule 3 tests remain fundamental.
Cross-subsidy surcharge	Not payable by qualifying captive consumption; payable on third-party OA unless an express policy / order exemption applies.	Order-specific	OA transactions	Electricity Act / Rules; UPERC OA Regulations and tariff / surcharge orders	UPERC; DISCOM	https://www.uperc.org/Notified_User.aspx	Green-hydrogen waiver is a separate policy-specific exemption.
Additional surcharge	No general tracker-wide exemption is assumed; liability depends on the current UPERC order and transaction structure.	Order-specific	OA transactions	UPERC OA Regulations / applicable surcharge order	UPERC; DISCOM	https://www.uperc.org/Notified_User.aspx	Any claimed exemption should be tied to the live tariff / surcharge order or an express policy provision.
Solar-policy transmission / wheeling	For eligible standalone solar above 5 MW, the State policy provides route-specific intra-State transmission / wheeling concessions.	100% exemption for qualifying sale to UPPCL; 50% for qualifying captive / third-party intra-State use, subject to policy / CRE conditions	Eligible standalone solar projects	UP Solar Energy Policy 2022; UPERC CRE framework	UPERC; UPPTCL / STU; UPSLDC; DISCOM	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Confirm project size, commissioning date, sale route and operative UPERC treatment.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Solar-policy electricity duty	Eligible solar projects receive the policy-level electricity-duty exemption subject to implementation.	100% for up to 10 years	Eligible solar projects	UP Solar Energy Policy 2022	State Government / DISCOM; UPNEDA	https://invest.up.gov.in/solar-energy-policy-2022/	Confirm commencement and billing treatment for the specific project.
RE banking—general ceiling	Eligible RE captive generation can bank energy under WBA; the ceiling differs by technology.	Other eligible RE: monthly ceiling 25% of injected energy or 30% of monthly DISCOM consumption, whichever is higher; bagasse: quarterly ceiling 49% of injected energy	Eligible captive RE / cogeneration	UPERC CRE Regulations 2024	UPSLDC; DISCOM; UPERC	https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Apply the correct technology-specific banking cycle and ceiling.
RE banking—charge	Banking charge is levied in energy terms when banked energy is withdrawn.	8% for wind, solar and wind-solar hybrid; 12% for other captive and cogenerating plants	Eligible banked RE	UPERC CRE Regulations 2024	UPSLDC; DISCOM; UPERC	https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	The charge is distinct from network losses and other OA charges.
MSW banking	Municipal solid-waste generation does not receive banking under the CRE banking table.	Banking not allowed	MSW generating plants	UPERC CRE Regulations 2024	UPERC; DISCOM; UPSLDC	https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Do not apply the 8% / 12% banking-charge schedule to MSW as if banking were available.
Green-hydrogen banking	Eligible green-hydrogen / ammonia projects receive monthly renewable-energy banking under policy.	25 years or project life, whichever is earlier	Eligible green-hydrogen / ammonia projects	UP Green Hydrogen Policy 2024 + UPERC implementation	UPERC; UPSLDC; DISCOM; UPNEDA	https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Operational WBA, scheduling and settlement rules continue to apply.
Green-hydrogen charge waiver	Policy provides specified intra-State network-charge and CSS relief for eligible renewable supply to green-hydrogen / ammonia projects.	100% wheeling / transmission / CSS exemption for first 10 years or project life, whichever is earlier	Eligible green-hydrogen / ammonia projects	UP Green Hydrogen Policy 2024 + UPERC implementation	UPERC; UPPTCL; DISCOM; UPNEDA	https://invest.up.gov.in/green-hydrogen-policy/ https://www.uperc.org/Notified_User.aspx	Confirm the exact supply structure and live regulatory implementation; interstate charges follow Central rules.
SLDC fees and charges	UPSLDC registration, short-term OA application and operating charges are prescribed in the notified 2025 regulation.	Generator / captive / standalone storage registration: ₹0.50 lakh up to 10 MW; ₹1 lakh above 10 MW to 100 MW; ₹10 lakh above 100 MW. Short-term OA application: ₹0.07 lakh. Green OA short-term operating charge: ₹4/kW/day capped at ₹1,500/day; other short-term OA: ₹1,500/day.	Grid-connected generators, captive plants, storage and OA users as applicable	UPERC Fees & Charges of SLDC Regulations 2025; UPSLDC FY 2026-27 tariff order	UPSLDC; UPERC	https://www.uperc.org/Notified_User.aspx https://www.uperc.org/App_File/UPSLDC_TariffOrder_26_27_DigitallySigned-pdf415202651748PM.pdf	Registration fee is capacity / user-class specific; monthly LDC charges for medium / long-term OA are formula-based and should be taken from the live order.
Forecasting / scheduling	Solar and wind follow State forecasting / scheduling procedures and the applicable grid-code framework.	Timelines, tolerance bands and charges are regulation-specific	Solar and wind generators / QCA as applicable	UPERC ABT Solar & Wind Regulations 2018; Forecasting / Scheduling Procedure 2020; CRE 2024	UPSLDC; UPERC	https://www.uperc.org/App_File/Procedureforforecasting-pdf320202051144PM.pdf https://www.uperc.org/App_File/CRE_Regulations-PDF1017202570739PM.pdf	Do not apply solar / wind deviation parameters to other technologies without checking the governing rule.
Deviation settlement	Deviation charges and settlement follow the applicable State / Central framework and current grid-code orders.	Order / technology specific	Scheduled generators and OA participants	UPERC / CERC DSM and grid-code framework as applicable	UPSLDC; UPERC; CERC where applicable	https://www.uperc.org/Notified_User.aspx	A draft UP Electricity Grid Code 2026 is not treated as notified in this tracker.
Net metering	Imported and exported rooftop energy are netted for eligible consumers under the UPERC rooftop framework.	1 kWp minimum; 2 MWp maximum; system capacity cannot exceed 100% of connected / contracted demand. Eligible categories include metered domestic LMV-1, metered agriculture LMV-5 and specified government / educational LMV-4A, LMV-4B and HV-1 consumers.	Eligible rooftop solar consumers	UPERC Rooftop Solar PV Regulations 2019; amendments through 2025	DISCOM; UPERC	https://www.upneda.org.in/MediaGallery/MuftBijliYojanBooklet.pdf https://www.uperc.org/App_File/PRESSRELEASE-pdf1128202393657AM.pdf https://www.uperc.org/App_File/NotifiedRSPVREGULATIONS2019THIRDAMENDMENT-PDF619202523809PM.pdf	Consumers outside the net-metering categories can use other settlement arrangements where permitted; confirm the current DISCOM implementation procedure.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Gross metering	Eligible rooftop generation is exported and compensated at the Solar Injection Compensation rate.	Third Amendment formula: preceding-FY weighted-average tariff of competitively bid solar ≥5 MW adopted / approved for the licensee +25%; if no preceding-FY bid, prior applicable gross-metering tariff continues	Eligible rooftop solar consumers	UPERC Rooftop Solar PV Regulations 2019, Third Amendment 2025	DISCOM; UPERC	https://www.uperc.org/App_File/NotifiedRSPVREGULATIONS2019THIRDAMENDMENT-PDF619202523809PM.pdf	Use the current DISCOM rate; the regulation gives a formula rather than a permanent rupee tariff.
Net billing	Imports are billed and exports credited separately at the applicable rate where the live regulatory / DISCOM route permits net billing.	Rate and eligibility order-specific	Commercial / industrial rooftop solar where applicable	UP Solar Energy Policy 2022; applicable UPERC / DISCOM order	DISCOM; UPERC; UPNEDA	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://www.uperc.org/Notified_User.aspx	Do not assume policy mention alone creates a billing mechanism for every consumer category.
Rooftop system sizing	Rooftop system size is bounded by sanctioned / connected load or contract demand under the regulatory framework.	Up to the applicable sanctioned / connected load / contract-demand limit in the current UPERC rule	Eligible rooftop consumers	UPERC Rooftop Solar PV Regulations 2019 as amended	DISCOM; UPERC	https://www.uperc.org/Notified_User.aspx	Check the latest consolidated rooftop rule before sizing a system.
Residential rooftop process	PM Surya Ghar applications interface with State / DISCOM feasibility, metering and commissioning requirements.	Benefit / processing terms per current portal and UPERC / DISCOM orders	Eligible residential consumers	PM Surya Ghar guidelines; UPERC rooftop framework	MNRE; UPNEDA; DISCOM; UPERC	https://pmsuryaghar.gov.in/ https://www.uperc.org/Notified_User.aspx	Portal sanction and State metering approval are separate control points.
Solar evacuation / connectivity	State Solar Policy supports a 4,000 MW Bundelkhand Green Energy Corridor and project-specific evacuation support; connection approval remains under grid rules.	4,000 MW corridor design capacity; project-specific support lengths / voltage treatment per policy and connectivity approval	Eligible solar projects	UP Solar Energy Policy 2022; UPERC connectivity / OA regulations	UPPTCL / STU; UPPCL; UPNEDA; UPERC	https://invest.up.gov.in/solar-energy-policy-2022/ https://www.uperc.org/Notified_User.aspx	The corridor figure is transmission capacity, not commissioned solar MW.

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MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and programmes relevant to Uttar Pradesh renewable-energy projects

Scheme amounts and application windows can change. Use the linked primary source and project-specific sanction / tender before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Uttar Pradesh tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified at application / sanction	MNRE; DISCOMs; UPNEDA	https://pmsuryaghar.gov.in/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250708169096429 5.pdf	Use with UPERC net / gross metering rules and confirm any current State top-up separately.
Agricultural solar	PM-KUSUM	Solar pumps, decentralised plants and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; UPNEDA; UPPCL / DISCOMs	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep KUSUM-B installed capacity separate from C1 / C2 State procurement targets. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Agricultural solar	UP PM-KUSUM C1 / C2 implementation	State implementation of decentralised / feeder-level solar under the Solar Policy and PM-KUSUM	State support: C1 beneficiary subsidy 70% / 60% by category; C2 VGF up to ₹50 lakh/MW, subject to operative scheme	Quantified	UPNEDA; UPPCL / DISCOMs	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf https://pmkusum.mnre.gov.in/	Use current tender / beneficiary guideline and reconcile with Central support.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies. Cumulative subsidy restrictions under the UP State Bio-Energy Policy also apply.
Small hydro	Small Hydro Power Development Scheme	1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. Qualifying international-border districts: 30%, capped at ₹30 crore/project; other locations: 20%, capped at ₹20 crore/project. In each case, use the lower of actual and CERC normative capital cost.	Quantified	MNRE	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Uttar Pradesh tracker use
Wind	MNRE wind policy / programme framework	Wind-resource assessment, standards and central programme information	No UP-specific Central capital amount is stated on the overview page	Unquantified for UP	MNRE / NIWE	https://mnre.gov.in/en/wind-overview/	Use for technology / programme context; UPPCL's contracted wind can be located outside UP.
Green hydrogen	National Green Hydrogen Mission	Production, electrolyser manufacturing, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in specific calls / awards	MNRE / SECI and designated agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Use alongside, not instead of, the UP Green Hydrogen Policy 2024.
Storage	Central BESS / PSP procurement frameworks	Storage procurement, VGF where notified, PSP appraisal and market participation	Tender / scheme-specific	Quantified in specific tender / sanction	Ministry of Power; CEA; SECI / procurer	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2286558&lang=1&reg=3	Track State approvals, CEA concurrence/appraisal, tendering and commissioning separately.
Hybrid / FDRE	Competitive procurement guidelines and tenders	Wind-solar hybrid, RTC / FDRE and complementary renewable supply	Tariff and contracted MW per bid / PPA	Quantified per procurement	UPPCL / SECI / intermediary procurer; UPERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	CEA plan is a planning source; replace planning MW with award / PPA data when available.
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared infrastructure for approved utility-scale solar parks	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; DPR support up to ₹25 lakh per approved park. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.	Approved parks / committed liabilities only	MNRE; approved Solar Power Park Developer	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Mode- and milestone-specific support. An individual generator does not automatically receive the park CFA; a State policy target is not an MNRE park sanction.

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Sources

Primary Sources and Department Links

Policies, regulations, capacity data and responsible-government entry points

Substantive entries were checked against primary government, regulator, utility or Central-agency sources on 7 September 2026. Department links cover renewable energy, electricity, industry, revenue / land, agriculture and environmental interfaces.

Category	Document / authority	What it verifies	Official link	Status / date checked
State policy	Uttar Pradesh Solar Energy Policy 2022	22,000 MW solar target; sub-sector targets; solar+BESS support; land, duty, grid and skills provisions	https://www.upneda.org.in/MediaGallery/Policies/UP_Solar_Energy_Policy2022_English.pdf	Operative policy period includes FY 2026-27; checked 7-Sep-2026
Policy landing page	Invest UP—Solar Energy Policy 2022	Official policy highlights including 22,000 MW target, 4,000 MW Green Energy Corridor, fiscal incentives and Surya Mitra target	https://invest.up.gov.in/solar-energy-policy-2022/	Checked 7-Sep-2026
Current capacity	MNRE state-wise installed capacity at 31-Jul-2026	Location-based solar sub-sectors, wind, bio-power, SHP, large hydro and total RE for Uttar Pradesh	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/08/20260811158356591 8.pdf	Data as at 31-Jul-2026; checked 7-Sep-2026
Planning / contracted capacity	CEA Resource Adequacy Plan for UPPCL 2026-27 to 2035-36	35,995 MW Jan-2026 contracted baseline; sector projections; storage plan; RCO trajectory	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2026/04/Report_on__Resource_Adequacy_Plan_Generation_for__UPPCL_Uttar_Pradesh_2026_27_to_2035_36.pdf	Apr-2026 report; checked 7-Sep-2026
Current procurement / tie-ups	UPPCL Annual Report 2024-25 (published 2026)	2,480 MW FDRE tied up; 625 MW / 2,500 MWh BESS tied up plus additional 375 MW under process; 2,750 MW pumped-hydro storage discovered; PM-KUSUM implementation status	https://uppcl.org/site/writereaddata/siteContent/202604181630401091Annual%20Report%202024-25_Final.pdf	Published Apr-2026; checked 7-Sep-2026
State policy	Uttar Pradesh State Bio-Energy Policy 2022	CBG, bio-coal, biodiesel, equipment, stamp / electricity duty, development charge and land support	https://invest.up.gov.in/wp-content/uploads/2022/11/State-Bio-Energy-Policy-2022English_101122.pdf	Five-year policy from notification; checked 7-Sep-2026
Policy landing page	Invest UP—Bio-Energy Enterprises Promotion Programme 2022	Official incentive summary and implementation links	https://invest.up.gov.in/bio-energy-enterprises-promotion-programme-2022/	Page last updated 5-Jun-2026; checked 7-Sep-2026
State policy	Uttar Pradesh Green Hydrogen Policy 2024	Policy text for green-hydrogen / ammonia incentives, land, power, banking, R&D and implementation	https://invest.up.gov.in/wp-content/uploads/2024/03/GreenHPolicy_190324.pdf	Checked 7-Sep-2026
Policy landing page	Invest UP—Uttar Pradesh Green Hydrogen Policy 2024	Official current summary: 1 MMTPA by 2028; up to 30% capital subsidy; first five projects up to 40%; land and power incentives	https://invest.up.gov.in/green-hydrogen-policy/	Page last updated 2-Jun-2026; checked 7-Sep-2026
Regulatory register	UPERC notified regulations	Current UPERC regulatory stack including 2026 captive-verification repeal / OA order, CRE 2024, SLDC 2025 and rooftop amendment	https://www.uperc.org/Notified_User.aspx	Checked 7-Sep-2026
Generation / banking regulation	UPERC Captive and Renewable Energy Generating Plants Regulations 2024	RE open-access threshold, banking ceilings / charges, SHP definition and CRE treatment	https://www.uperc.org/App_File/CRE_Regulations-PDF10172025070739PM.pdf	Current notified regulation; checked 7-Sep-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Open access	UPERC OA Regulations—Removal of Difficulty First Order 2026	Current Green OA implementation / procedural clarifications	https://www.uperc.org/App_File/NotifiedUPERCOARegulationsRODFirstOrder2026-pdf8252026111147AM.pdf	2026 order; checked 7-Sep-2026
Metering	UPERC rooftop regulations / UPNEDA PM Surya Ghar implementation booklet	Rooftop system limit of 1 kWp–2 MWp and ≤100% connected / contracted demand; net-metering consumer categories; Third Amendment 2025 gross-metering compensation formula	https://www.upneda.org.in/MediaGallery/MuftBijliYojanBooklet.pdf https://www.uperc.org/App_File/PRESSRELEASE-pdf1128202393657AM.pdf https://www.uperc.org/App_File/NotifiedRSPVREGULATIONS2019THIRDAMENDMENT-PDF619202523809PM.pdf	2019 regulation with amendments through 2025; checked 7-Sep-2026
Forecasting / scheduling	UPERC Procedure for Forecasting, Scheduling and Deviation Settlement of Solar and Wind Generation Sources 2020	Solar / wind forecasting and scheduling procedure	https://www.uperc.org/App_File/Procedureforforecasting-pdf320202051144PM.pdf	Current procedure referenced by UPERC register; checked 7-Sep-2026
SLDC charges	UPERC Fees & Charges of SLDC Regulations 2025 + UPSLDC FY 2026-27 tariff order	Current registration fees, short-term OA application fee, Green OA operating charge and formula-based monthly LDC charge framework	https://www.uperc.org/Notified_User.aspx https://www.uperc.org/App_File/UPSLDC_TariffOrder_26_27_DigitallySigned-pdf415202651748PM.pdf	2025 regulation operative from 1-Apr-2025; FY 2026-27 order checked 7-Sep-2026
Pumped storage	Invest UP approved PSP list + Uttar Pradesh Industrial Investment & Employment Promotion Policy 2022	State-approved PSP pipeline, project names / listed capacities and explicit stamp-duty + Base Capital Subsidy route for Mega-and-above PSP infrastructure projects	https://invest.up.gov.in/list-of-approved-psp-projects/ https://invest.up.gov.in/uttar-pradesh-industrial-investment-employment-promotion-policy-2022/	PSP list updated 3-Jun-2026; policy / SOP checked 7-Sep-2026
Pumped storage	Ministry of Power / CEA Rajya Sabha reply on PSP status	Chichlik 1,560 MW appraised 8-Jul-2026; Kandhaura 1,680 MW concurred 13-Jun-2025	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2286558&lang=1&reg=3	Published 2026; checked 7-Sep-2026
Central scheme	PM Surya Ghar: Muft Bijli Yojana	Residential CFA rates, eligibility and implementation through 31-Mar-2027	https://pmsuryaghar.gov.in/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Residential CFA guidelines §2(d), §5(g)–(h); checked 19-Oct-2026.
Central / State implementation	PM-KUSUM + UPERC 2026 feeder-solar tariff-adoption proceeding	Agricultural solar components plus current UP feeder-level procurement: PPAs submitted for tariff adoption covering cumulative 2,553.5 MW	https://pmkusum.mnre.gov.in/ https://www.uperc.org/Notice_Users.aspx https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	UPERC notice dated 12-Aug-2026; checked 7-Sep-2026 Central extension OM dated 28-Sep-2026 checked 19-Oct-2026.
Central scheme	MNRE SHP Development Scheme FY 2026-27 to FY 2030-31	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Central programme	MNRE Bioenergy overview	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Central programme	MNRE Biomass Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-mass/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Central programme	MNRE Waste-to-Energy Programme	Central WTE / waste-based energy programme entry point	https://mnre.gov.in/en/waste-to-energy/	Checked 7-Sep-2026

Category	Document / authority	What it verifies	Official link	Status / date checked
Central mission	National Green Hydrogen Mission	Central green-hydrogen mission framework	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 7-Sep-2026
Central incentive	SIGHT—Green Hydrogen Production incentive	Central production-incentive scheme / award framework	https://mnre.gov.in/en/notice/strategic-interventions-for-green-hydrogen-transition-sight-programme-component-ii-incentive-scheme-for-green-hydrogen-production-under-mode-1/	Check live call / award before use; checked 7-Sep-2026
Central programme	MNRE Wind Energy overview	Wind programme, resource assessment and technology framework	https://mnre.gov.in/en/wind-overview/	Checked 7-Sep-2026
RCO	Bureau of Energy Efficiency—Renewable Consumption Obligations	Current non-fossil consumption target trajectory for obligated entities	https://www.beeindia.gov.in/show_content.php?lang=1&level=1&lid=291&ls_id=186	Checked 7-Sep-2026
Renewable-energy department	UPNEDA	State nodal agency; policies, application portals and notices	https://www.upneda.org.in/	Authority link; checked 7-Sep-2026
Electricity department / utilities	UP Power / UPPCL portal	Power-sector institutional and utility entry point	https://upenergy.in/index.html	Authority link; checked 7-Sep-2026
System operator	UPSLDC	Scheduling, grid operation, energy accounting and SLDC notices	https://www.upsldc.org/	Authority link; checked 7-Sep-2026
Transmission utility	UPPTCL	State transmission utility and grid-infrastructure information	https://upptcl.org/	Authority link; checked 7-Sep-2026
Electricity regulator	UPERC	Notified regulations, tariff orders, OA and sector orders	https://www.uperc.org/Notified_User.aspx	Authority link; checked 7-Sep-2026
Industry department	Infrastructure & Industrial Development Department	Industrial-policy and department entry point for manufacturing / large investment	https://invest.up.gov.in/iidd/	Department link; checked 7-Sep-2026
Investment facilitation	Invest UP	Single-window / project facilitation and State policy resources	https://invest.up.gov.in/	Agency link; checked 7-Sep-2026
Revenue / land	Board of Revenue, Uttar Pradesh	Revenue and land-administration entry point for land-linked incentives / approvals	https://bor.up.gov.in/	Department link; checked 7-Sep-2026
Agriculture / environment	UP Agriculture Department | UP Pollution Control Board OCMMS	Agricultural-solar / feedstock interface and environmental-consent entry points	https://agridarshan.up.gov.in/ https://www.upocmms.nic.in/	Department / regulator links; checked 7-Sep-2026
Central scheme	MNRE Solar Parks programme and timeline extension	CFA, new-sanction deadline and approved-park completion / committed liabilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	OM 17-Sep-2025, paragraphs 2–3; checked 19-Oct-2026. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029.

West Bengal Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage

Updated 16 September 2026

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Synopsis

West Bengal Renewable Energy: Policy and Investment Synopsis

West Bengal's renewable energy framework covers solar, bioenergy, hydro and pumped storage, with current regulations supporting rooftop generation and green open access. Investment opportunities arise through utility procurement, consumer electricity savings and projects at different development stages.

1. Policy Overview

- Major instruments: Renewable Energy Policy 2012, WBERC Open Access Regulations 2022 and Rooftop Regulations 2025. The 2012 policy's capacity targets ended in 2022.
- Installed renewable capacity: 2,155.06 MW at 31 August 2026, comprising 363.50 MW solar, 351.86 MW bio-power, 98.50 MW small hydro and 1,341.20 MW large hydro.
- Solar composition: 281.23 MW ground-mounted, 69.13 MW rooftop and 13.14 MW off-grid.
- Pumped storage: Purulia's 900 MW is operational and reported separately from the tracker's MNRE renewable-capacity total.

2. Major Commitments and Projections

- Historical target: The 2,706 MW renewable-capacity target expired in 2022. The tracker identifies no subsequent statewide capacity target.
- Solar-storage procurement: Goaltore Phase II comprises a tender for 100 MW solar with 25 MW/100 MWh BESS.
- Floating solar: Mukutmanipur's 200 MW concept is at pre-feasibility stage. Purulia's 5 MW floating-solar expansion is under implementation.
- Pumped storage: Turga's 1,000 MW project has CEA concurrence but had not entered construction in the cited status.
- Storage projection: CEA models 3,219 MW/17,510 MWh batteries by FY2034–35. This is a planning result, not an award.

3. Investment Framework

- Rooftop solar: Net metering covers systems from 1 kW to 500 kW or contract demand, whichever is lower. Net billing and gross metering permit capacity up to contract demand.
- Delivery models: Self-investment, RESCO and utility-led aggregation are permitted. Government-funded rooftop schemes receive application-fee exemption.
- Rooftop settlement: Net-metered surplus units and net-billing credits carry within the financial year and reset at its end. Gross-metering amounts receivable are paid at year-end.
- Green open access: Eligibility starts at 100 kW; captive consumers have no load threshold. Qualifying captive, waste-to-energy and green-hydrogen/ammonia transactions receive cross-subsidy surcharge exemptions.

- Land and evacuation: The policy provides government-land leases for 30 years or project life, whichever is shorter. Approved evacuation infrastructure beyond interconnection falls to the licensee; interfacing equipment remains the developer's cost.
- Direct incentives: The tracker establishes no general State solar capital subsidy. Land, infrastructure and payment-security provisions remain project-specific.

4. Principal Implications

- Rooftop sizing and metering choice affect returns because unused annual net-metering and net-billing balances expire.
- Captive and qualifying exempt transactions receive distinct surcharge treatment.
- The tracker establishes no general open-access banking mechanism. Rooftop carry-forward cannot be assumed for industrial open-access supply.

5. Investment Outlook

- Rooftop portfolios: RESCO and aggregation models support projects based on consumer savings and permitted export settlement.
- Solar-storage: Goaltore Phase II provides a defined utility-procurement opportunity.
- Floating solar: Existing implementation and pre-feasibility projects identify opportunities at different stages.
- Pumped storage: Turga provides a development opportunity subject to project procurement and construction decisions.

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Overview

West Bengal Renewable Energy Policy Tracker

Capacity, policy targets and implementation coverage | Updated and verified 16 September 2026

Read definitions carefully. MNRE figures are location-based. The State policy's technology targets ended in 2022 and are retained only as historical benchmarks. CEA contracted-capacity and resource-adequacy figures use different scopes. Project concepts, tenders, LoAs, DPRs and CEA-concurred schemes are kept outside commissioned capacity.

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total renewable energy physically installed in West Bengal	2,155.06 MW	No current post-2022 statewide capacity target located; CEA planning scenarios are shown separately	Quantified current; target gap identified	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf
Solar—total physically installed	363.50 MW	CEA RA planned 2,583 MW solar additions through FY 2030-31; planning input, not State-policy target	Quantified current and planning input	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf
Solar—ground mounted	281.23 MW	WBSEDCL pipeline includes 20 MW Gangapur, 100 MW Goaltore-II with BESS, and 200 MW Mukutmanipur at pre-feasibility	Quantified current; staged pipeline	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html
Solar—rooftop	69.13 MW	2025 regulation permits net metering up to 500 kW or contract demand, whichever lower	Quantified current; regulatory limit	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf
Solar—off-grid / PM-KUSUM-B	13.14 MW	No current aggregate State MW target located	Quantified current	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://pmkusum.mnre.gov.in/
Bio-power physically installed	351.86 MW	2012 policy's 2022 biomass and WTE targets have expired	Quantified current; historical target separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Small hydro physically installed	98.50 MW	2012 policy's 394 MW target ended in 2022	Quantified current; historical target	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://nrep.mnre.gov.in/guidelines-shp
Large hydro physically installed	1,341.20 MW	CEA RA models 1,724 MW contracted hydro by FY 2034-35	Quantified current and planning projection	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf
Wind physically installed	0.00 MW	CEA RA models 10,140 MW contracted wind by FY 2034-35	Quantified current and planning projection	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf
Pumped storage	Purulia PSP 900 MW operational	Turga PSP 1,000 MW CEA-concurred; anticipated FY 2031-32	Quantified operational and staged pipeline	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf
Capacity contracted / available to the State	10,730.6 MW at Oct-2025	CEA planning baseline includes State, private and Central allocations	Quantified; statistical scope differs	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf
Electricity peak demand	12,645 MW met in FY 2024-25	21,400 MW projected in FY 2034-35	Quantified actual and projection	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the West Bengal tracker

These rules control comparisons among physical capacity, contracted capacity, expired targets, project stages, regulatory terms and incentives.

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, target, support amount, rate, count or deadline.
Unquantified	The instrument states a direction or eligible activity without a numeric target or earmarked fund.
Location-based installed capacity	Generation physically located in West Bengal. MNRE state-wise capacity is used for this measure.
Contracted capacity	Capacity tied up for West Bengal, including allocations and projects outside the State. It differs from location-based capacity.
Historical policy target	A target whose stated deadline has passed. It is retained for context and is not presented as a current target.
Planning input	Capacity assumed as planned in a CEA resource-adequacy study. It is not automatically sanctioned or commissioned.
Modelled requirement	Capacity produced by a planning model to meet demand or RPO. It is not a procurement commitment.
Commissioned	A project reported in commercial operation. Named commissioned subsets are not added again to MNRE totals.
Awarded / LoA	A procurement award or letter of award. It is not operating capacity.
Tender / evaluation	Procurement remains under competition or evaluation. No operating capacity is inferred.
DPR / pre-feasibility	Project preparation stage. Neither is treated as commissioned capacity.
SHP	Small hydro project. MNRE installed-capacity reporting uses projects up to 25 MW.
ESS / BESS	Energy Storage System / Battery Energy Storage System. MW measures power and MWh measures stored energy.
PSP	Pumped Storage Project. CEA status classifications determine the stage shown.
GEOA	Green Energy Open Access under the WBERC Open Access Regulations 2022.
CSS / AS	Cross-subsidy surcharge / additional surcharge. Exemptions require the stated transaction conditions.
Net / net-billing / gross metering	Distinct 2025 rooftop settlement arrangements with different capacity and accounting rules.
COD	Commercial Operation Date.

Term	Meaning used in this tracker
MU	Million units of electricity, equal to million kWh.

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Policy Tracker

Policy and Implementation Tracker

Current capacity | Historical targets | Current regulation | Projects | Planning | Grid

The 2012 policy targets ended in 2022. The tracker labels them as historical and uses current MNRE, WBERC, WBSEDCL and CEA sources for present status. Contracted and modelled capacity are never added to location-based installed capacity.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Cross-sector	Governing policy	The 2012 policy covers solar, wind, biomass, cogeneration, SHP, WTE and other approved technologies.	West Bengal RE Policy 2012	Unquantified current framework	Policy targets ended in 2022	Facilitation, allocation, land and financing provisions.	Confirm continued applicability and later WBERC rules	Power Department; WBGEDCL; WBREDA	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Later Commission regulations control inconsistent definitions and transaction rules.
Cross-sector	Historical capacity target	The policy set technology-wise cumulative capacity goals.	West Bengal RE Policy 2012	Quantified historical	2,706 MW by 2022	Historical benchmark only.	Deadline passed	State nodal agencies	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Do not present as a current target.
Cross-sector	Current physical portfolio	MNRE reports location-based renewable capacity.	MNRE physical progress	Quantified current	2,155.06 MW at 31-Aug-2026	Scheme-specific.	Commissioning and MNRE reporting	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Up from 2,112.18 MW at 28-Feb-2026 in the parliamentary table.
Cross-sector	Current target gap	No post-2022 statewide technology target was located in reviewed official sources.	Policy and current planning review	Unquantified	No current aggregate MW target identified	Use project pipeline and CEA planning figures with their stated scope.	Policy update or official notification	Power Department	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Avoid converting a modelled CEA requirement into State policy.
Cross-sector	CEA planned additions	Resource-adequacy study records planned capacity inputs.	CEA West Bengal RA	Quantified planning input	3,693 MW generation plus 1,010 MW storage through FY 2034-35	Planning input only.	Project-level sanction and procurement	Utilities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Generation input comprises 2,583 MW solar, 1,020 MW wind and 90 MW hydro.
Cross-sector	CEA modelled RE requirement	Model estimates additional contracted capacity needed for RPO.	CEA West Bengal RA	Quantified model result	27,582 MW through FY 2034-35	System-planning output.	Procurement and contracting decisions	Utilities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	9,000 MW wind, 11,327 MW solar and 7,255 MW DRE; not location-based construction.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Solar	Current portfolio	MNRE separates ground, rooftop and off-grid solar.	MNRE physical progress	Quantified current	363.50 MW at 31-Aug-2026	Scheme and transaction specific.	Commissioning and reporting	MNRE; WBSEDCL; WBREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Parliament reported 320.62 MW at 28-Feb-2026.
Solar	Ground-mounted portfolio	Physical utility-scale solar located in West Bengal.	MNRE physical progress	Quantified current	281.23 MW	Project-specific.	Land, connectivity, procurement and COD	WBSEDCL; WBREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Named WBSEDCL projects are subsets of the later MNRE total.
Solar	Rooftop portfolio	Physical rooftop capacity reported by MNRE.	MNRE physical progress	Quantified current	69.13 MW	PM Surya Ghar and 2025 WBERC routes apply.	Application, feasibility, metering and COD	Discoms; WBERC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Keep separate from ground and off-grid solar.
Solar	Off-grid portfolio	Off-grid solar and PM-KUSUM-B are reported separately.	MNRE physical progress	Quantified current	13.14 MW	Component-specific.	Scheme sanction and commissioning	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://pmkusum.mnre.gov.in/	No current aggregate State target located.
Solar	Historical solar target	Policy set a 2022 cumulative solar goal.	West Bengal RE Policy 2012	Quantified historical	500 MW by 2022	Historical benchmark.	Deadline passed	State nodal agencies	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Policy also set 100 MW by 2017.
Solar	Commercial-building obligation	Large commercial and business establishments were directed to install rooftop solar.	West Bengal RE Policy 2012	Quantified policy requirement	Contract demand above 1.5 MW; rooftop solar for at least 2% of electrical load	Building / regulatory implementation required.	Confirm operative building rules and WBERC connection route	Local bodies; Discoms	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Policy wording alone is not proof of current enforcement.
Solar	Institutional-building obligation	Specified schools, colleges, hospitals, housing societies and government establishments were covered.	West Bengal RE Policy 2012	Quantified policy requirement	Contract demand above 500 kW; rooftop solar for at least 1.5% of load	Building / regulatory implementation required.	Confirm current enforcement and feasibility	Local bodies; Discoms	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Public buildings were also directed to have solar devices.
Solar	WBSEDCL commissioned portfolio	Utility page lists completed ground, rooftop and floating projects.	WBSEDCL project status	Quantified commissioned subsets	Includes Goaltore 112.5 MW and Purulia floating solar 10 MW	Project-specific.	Operating monitoring	WBSEDCL	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Included in the later MNRE solar total.
Solar	Gangapur phases	Two ground-mounted projects were under progress at the status date.	WBSEDCL project status	Quantified under implementation	10 MW Phase I plus 10 MW Phase II; LoAs 4-Jun-2025	Project-specific.	Construction, evacuation and COD	WBSEDCL; contractors	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Expected dates on the page are schedules, not commissioning evidence.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Solar	Purulia floating Phase II	Expansion at PPSP upper dam.	WBSEDCL project status	Quantified under implementation	5 MW; LoA 16-Jun-2025	Project-specific.	Construction and COD	WBSEDCL	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Kept outside commissioned capacity until COD evidence.
Solar + storage	Goaltore Phase II	Tender combines solar and BESS.	WBSEDCL project status	Quantified tender	100 MW solar plus 25 MW / 100 MWh BESS	Tender-specific.	Evaluation, LoA, construction and COD	WBSEDCL	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Tender floated 5-Feb-2026; evaluation status shown on 30-Apr-2026 page.
Solar	Mukutmanipur floating project	Floating solar concept at Mukutmanipur dam.	WBSEDCL project status	Quantified pre-feasibility	200 MW stated concept	Project-preparation only.	Pre-feasibility, DPR, approvals, tender and COD	WBSEDCL	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Capacity remains subject to study.
Solar	Raybandh project	Ground-mounted site identified in Purulia.	WBSEDCL project status	Quantified site identification	50 MW stated concept	Site-stage only.	Land, DPR, approval, procurement and COD	WBSEDCL	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Land identification is not an award.
Solar	Government Producer Scheme	WBREDA published an older 1,200 MW solar concept.	WBREDA announcement; WBSEDCL programme page	Quantified envisaged scheme	1,200 MW, described as 3 × 300 MW on WBSEDCL page	Concept / scheme announcement.	Current project confirmation, procurement and COD	WBREDA; WBSEDCL	https://www.wbreda.org/government-producer-scheme-for-1200mw-solar-project/ https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Arithmetic in the page description should be clarified; no current commissioning evidence inferred.
Bioenergy	Current portfolio	MNRE reports biomass and WTE components.	MNRE physical progress	Quantified current	351.86 MW	Technology-specific.	Feedstock, consent, offtake and COD	WBREDA; developers	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://mnre.gov.in/en/bio-energy-overview/	300 MW bagasse cogeneration, 43.52 MW non-bagasse and 8.34 MW off-grid WTE.
Bioenergy	Historical biomass target	Policy set cumulative biomass target.	West Bengal RE Policy 2012	Quantified historical	662 MW by 2022	Historical benchmark.	Deadline passed	WBGEDCL; WBREDA	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	2017 interim target was 240 MW.
Waste-to-energy	Historical WTE target	Policy covered municipal, liquid and industrial waste.	West Bengal RE Policy 2012	Quantified historical	100 MW by 2022	Historical benchmark.	Waste concession, land, consent and COD	Urban bodies; WBREDA	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	MNRE reports 8.34 MW off-grid WTE at 31-Aug-2026.
Small hydro	Current and historical target	MNRE reports SHP physically located in the State.	MNRE; West Bengal RE Policy 2012	Quantified	98.50 MW current; 394 MW historical target by 2022	Central SHP CFA may apply.	Site, approvals, connectivity and COD	WBREDA; MNRE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://nrep.mnre.gov.in/guidelines-shp	Current and expired target are not additive.
Large hydro	Current portfolio	MNRE includes large hydro in total RE.	MNRE physical progress	Quantified current	1,341.20 MW	Project- and allocation-specific.	Utility project route	CEA; utilities	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	CEA contracted hydro uses a different scope.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Wind	Current and historical target	MNRE reports no location-based wind capacity.	MNRE; West Bengal RE Policy 2012	Quantified	0 MW current; 450 MW historical target by 2022	Resource and project specific.	Resource assessment, site, procurement and COD	WBGEDCL; WBREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/20260908107377595 5.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	CEA modelled contracted wind is a planning series.
Pumped storage	Purulia PSP	CEA lists the off-stream closed-loop project in operation.	CEA PSP status Aug-2026	Quantified commissioned	900 MW; commissioned 2007	Operational storage asset.	Operating monitoring	WBSEDCL	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Included in CEA contracted-capacity planning; not in MNRE location-based RE total.
Pumped storage	Turga PSP	CEA-concurred project yet to be taken up for construction.	CEA PSP status Aug-2026	Quantified concurred pipeline	1,000 MW; anticipated FY 2031-32	Project-specific.	Financing, construction and COD	WBSEDCL; CEA	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Do not classify as under construction or operating.
Storage	CEA battery projection	Resource-adequacy model projects substantial batteries.	CEA West Bengal RA	Quantified model result	3,219 MW / 17,510 MWh by FY 2034-35	Planning model output.	Procurement and contracting	Utilities; CEA	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	MW and MWh remain separate.
RPO	2029-30 trajectory	CEA applies the national RPO trajectory to West Bengal consumption.	CEA West Bengal RA	Quantified obligation	43.33% total RE in FY 2029-30	Consumption obligation, not installed-capacity target.	Procurement / generation / REC compliance	Obligated entities; WBERC	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Includes wind, hydro, other RE and distributed RE components.
Grid	Open-access eligibility	Green OA is available from the statutory threshold.	WBERC Open Access Regulations 2022	Quantified threshold	100 kW contracted demand / sanctioned load; no load limit for captive GEOA	Charges and exemptions depend on transaction facts.	Connectivity, approval, scheduling and metering	WBERC; SLDC; nodal agency	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Use live tariff orders for rupee charges.
Grid	Evacuation pooling	Policy identified concentration areas for pooling stations.	West Bengal RE Policy 2012	Quantified geography	Bankura, Purulia, Paschim Medinipur, Darjeeling and coastal areas	Network planning provision.	Techno-economic feasibility and utility execution	WBSETCL; Discoms	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf	2012 locations remain contextual; current network plan controls execution.
Grid	Single window	Nodal agency coordinates statutory clearances.	West Bengal RE Policy 2012	Quantified timelines	90 days; 120 days where MoEF clearance involved	Process facilitation.	Complete applications to line departments	WBGEDCL; empowered committee	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Not a waiver of statutory approvals.
Grid	Transmission baseline	CEA records the September-2025 intra-State network.	CEA West Bengal TRA	Quantified current	17,282 ckm and 43,581 MVA	Network baseline.	Utility asset programme	WBSETCL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf	Network measures are not generation capacity.
Grid	Transmission expansion	CEA identifies additions through FY 2034-35.	CEA West Bengal TRA	Quantified plan	20,063 MVA and 3,598.16 ckm; estimated ₹12,081.49 crore	Planning estimate.	Sanction, procurement and commissioning	WBSETCL; CEA	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf	Includes new lines and reconductoring.

Sector	Policy item	Provision / intent	Instrument	Classification	Numeric target / status	Support / treatment	Implementation trigger	Responsible body	Official source	Tracker note
Demand	Peak-demand outlook	Latest TRA updates the State's planning baseline.	CEA West Bengal TRA	Quantified	12,645 MW FY24-25 to 21,400 MW FY34-35	Actual and projection.	Resource and network planning	CEA; State utilities	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf	Demand is not installed capacity.
Cross-sector	Registration	Developers register projects with the nodal agency.	West Bengal RE Policy 2012	Quantified fee	No registration fee	Administrative facilitation.	Registration with required memorandum	WBGEDCL	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Confirm current forms and nodal arrangement.
Cross-sector	Carbon credits	Approved CDM proceeds accrue to the generator.	West Bengal RE Policy 2012	Quantified share	100% retained by generating company	Market-dependent benefit.	Registration and applicable carbon-market rules	Generator; nodal agency	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Generator bears associated risks, costs and effort.

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Financial Support

Financial Support and Incentives

Policy concessions | Land | Evacuation | Payment security | Rooftop fees and tariff

The 2012 policy contains limited direct fiscal support and several discretionary or regulatory provisions. Confirm current nodal procedures, WBERC orders, project agreements, budget and land rules before financial reliance.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Captive RE project	Demand-cut exemption	Installed capacity assigned for captive use	Up to 50% exemption	Quantified; subject to WBERC	Qualifying captive capacity	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Confirm current Commission implementation.
RE generator	Payment security	Revolving Letter of Credit from host / obligated utility	Project-specific LC	Unquantified	PPA with obligated utility	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	LC terms belong in the PPA.
Distribution utility	LC opening cost	Green Energy Fund reimbursement	Actual eligible cost	Unquantified	LC opened for RE power purchase	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Fund availability and procedure must be confirmed.
Remote-area project	Approach-road support	Government may provide infrastructure support	Project-specific	Unquantified	Very remote project and government approval	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Discretionary wording creates no automatic entitlement.
Project developer	Central incentives	State passes through applicable MNRE / GoI concessions	Scheme-specific	Quantified per sanction	Eligible project and Central sanction	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Use live Central scheme rules.
Project registration	Nodal registration fee	Registration with IEM / EM	No registration fee	Quantified	Eligible RE developer	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Confirm the current form and nodal entity.
Generating company	Carbon-credit proceeds	Approved CDM project proceeds	100% retained by generator	Quantified	Generator bears risks, costs and effort	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Subject to applicable carbon-market rules.
Government-land project	Vested-land tenure	Lease through the nodal arrangement	30 years or project life, whichever is less	Quantified	Available vested land and approved allotment	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Allotment may be cancelled if milestones are missed.
Private-land project	Land conversion	Policy states conversion may not be required	Subject to necessary government orders	Conditional	Direct purchase / land agreement	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Obtain current land-law confirmation.
SHP / island wind	Long-distance connection	Licensee bears extra cost beyond stated distance	Distance beyond 5 km	Quantified	Subject to WBERC regulations	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Applies to the additional distance only.
RE project	Evacuation beyond interconnection	Licensee bears infrastructure cost and recovers through approved pricing	Project-specific	Unquantified	Approved pooling / network scheme	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Current TRA and sanction govern execution.
RE developer	Interfacing equipment	Developer funds transformers, panels, protection and metering	100% developer cost	Quantified treatment	Licensee specifications	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Licensee may execute at approved charges.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
WTE project	Land at landfill	Municipal corporations preferably provide land	Nominal charges	Unquantified amount	Eligible waste-to-energy project	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Land availability and concession terms require a project agreement.
Project social obligations	R&R and local development	Provision linked to project cost	Up to 1% of project cost	Quantified cap	Land acquisition / displacement and approved plan	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Project-specific allocation within the cap.
Rooftop prosumer	Application fee—LV / MV	2025 rooftop application	₹1,000	Quantified fee	New rooftop application	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Government-funded schemes are exempt.
Rooftop prosumer	Application fee—HV / EHV	2025 rooftop application	₹5,000	Quantified fee	New rooftop application	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Non-refundable under the 2025 framework.
Government-funded rooftop	Application fee exemption	2025 rooftop application	100% fee exemption	Quantified	Government-funded project or scheme	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Other connection and metering costs may apply.
Net-billing / gross prosumer	Feed-in tariff FY 2025-26	Voltage-linked solar settlement	₹3.73/kWh EHV; ₹3.89/kWh HV; ₹4.37/kWh L&MV	Quantified annual tariff	Applicable 2025-26 arrangement	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Use the tariff for the relevant year and agreement.
Green Energy Fund	Funding inputs	Policy channels specified penalties into the fund	80% clearance penalties; 50% RPO penalties	Quantified shares	Penalty imposed under applicable instrument	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Fund receipts are not direct project subsidies.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Metering

Net metering | Net billing | Gross metering | Green open access | Charges | Timelines

The final 2025 rooftop regulation and the 2022 open-access regulation govern different transactions. Draft amendments are excluded. Live tariff orders control rupee charges not fixed in these instruments.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Rooftop scope	Net metering, net billing and gross metering are available.	Minimum 1 kW	Eligible prosumers	WBERC Rooftop Regulations 2025	Distribution licensee; WBERC	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	2025 regulation replaced the earlier rooftop framework.
Net-metering capacity	System offsets imported units.	1–500 kW or contract demand, whichever lower	Net-metered prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Capacity is AC-side as specified in the regulation.
Net-billing capacity	Export receives monetary credit at feed-in tariff.	1 kW up to contract demand	Net-billing prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Credit offsets imported-energy value.
Gross-metering capacity	Entire generation is valued at feed-in tariff.	1 kW up to contract demand	Gross-metered prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Year-end net amount receivable is paid by the licensee.
Government-scheme exception	Government-funded schemes may exceed contract demand.	Higher capacity subject to technical feasibility and upgrade cost	Government-funded project	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Scheme provisions and network studies control the exception.
Delivery model	Consumer may use self-investment, RESCO or utility-led aggregation.	First-come-first-served	Eligible prosumers	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	System may be placed on other parts of the premises.
Application fee	Uniform voltage-class fees apply.	₹1,000 L&MV; ₹5,000 HV&EHV; government schemes exempt	Applicants	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Non-refundable under the procedure.
Feeder / DTR hosting	Cumulative rooftop capacity is limited by network capacity.	Up to 100% of feeder / distribution-transformer capacity	Rooftop systems	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Technical feasibility remains project-specific.
Technical feasibility	Licensee inspects with advance notice.	Within 15 days from application; three days' prior notice	Applicant	WBSEDCL Procedures-C 2025	WBSEDCL	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Infeasibility outcome is communicated within 20 days.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Go-ahead and quotation	Licensee issues clearance and quotation.	Within 20 days from application	Applicant	WBSEDCL Procedures-C 2025	WBSEDCL	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Quotation includes metering and applicable service-upgrade costs.
Installation window	Applicant completes installation and certifications.	180 days; extendable to 270 days	Approved applicant	WBSEDCL Procedures-C 2025	Prosumer; WBSEDCL	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Quotation payment has a separate 90 / 120-day window.
Commissioning timeline	Agreement, metering and synchronisation follow completion.	Within 15 days from installation submission	Completed rooftop system	WBSEDCL Procedures-C 2025	WBSEDCL	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Connectivity inspection is within 10 days.
Net-meter accounting	Exports offset imports; surplus carries within the FY.	Accumulated surplus resets to zero at FY start	Net-metered prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	No year-end purchase of residual units.
Net-billing accounting	Export value offsets import value.	Billing credit carries within FY; resets to zero at FY start	Net-billing prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Feed-in tariff applies to exported energy.
Gross-meter accounting	All generated energy is valued separately.	Year-end net amount receivable is paid	Gross-metered prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Consumption remains billed at consumer tariff.
Switching arrangement	Prosumer may switch among eligible metering systems.	Once per financial year	Existing / new prosumer	WBERC Rooftop Regulations 2025	Distribution licensee	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wberc.gov.in/sites/default/files/sor%2081.pdf	Unsettled units are converted using feed-in tariff where applicable.
Fitness testing	Periodic certification depends on system size.	Every 2 years above 170 kW; every 3 years up to 170 kW	Rooftop prosumer	WBSEDCL Procedures-C 2025	Prosumer; authorised agency	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Fresh fitness evidence required after outage exceeding six months.
Green OA eligibility	Green-energy threshold applies to distribution-system consumers.	100 kW and above; no load limitation for captive GEOA	Green OA consumer	WBERC Open Access Regulations 2022	Nodal agency; WBERC	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Connectivity and dues conditions still apply.
Green OA scheduling	Approved green energy is scheduled in fixed blocks.	Same quantum for 12 consecutive time blocks	Green OA consumer	WBERC Open Access Regulations 2022	SLDC	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Day-ahead schedule and deviation settlement apply.
CSS cap and exemptions	CSS applies with statutory limits and exemptions.	Cap 20% of applicable category tariff; exempt captive, WTE and green H2 / ammonia	Qualifying OA transactions	WBERC Open Access Regulations 2022	Discom; WBERC	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Green-energy surcharge escalation protection applies for 12 years as specified.
Additional surcharge	AS applies unless an express exemption is met.	Exempt where fixed / demand charges are paid, WTE, and green H2 / ammonia	Qualifying OA transactions	WBERC Open Access Regulations 2022	Discom; WBERC	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Use the latest tariff order for applicable rate.
Banking boundary	No general OA energy-banking mechanism was located in the 2022 regulation text reviewed.	Rooftop carry-forward is a separate annual settlement mechanism	OA and rooftop users	WBERC instruments	WBERC; licensees	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Do not infer OA banking from rooftop settlement credits.

SHEET 7 OF 8

MNRE Schemes

Central Schemes and Procurement Frameworks

Central support and implementation routes relevant to West Bengal renewable-energy projects

Scheme amounts and windows can change. Use the linked primary source, live portal and project-specific sanction before relying on a benefit.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	West Bengal tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000. Residential CFA; implementation through 31-Mar-2027.	Quantified	MNRE; West Bengal Discoms	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Portal sanction and programme conditions control entitlement.
Agricultural solar	PM-KUSUM	Decentralised plants, stand-alone pumps and feeder solarisation	Original period ended 31-Mar-2026. Eligible PPA/NTP by 31-Dec-2025: completion by 31-Mar-2027; Component A/C financial closure by 30-Nov-2026.	Eligible sanctioned-project extensions only	MNRE; State agencies; Discoms	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Keep Component-B capacity separate from grid-connected solar. No general new-sanction window is inferred. Individual SCOD and sanction terms still apply.
Solar parks	Development of Solar Parks and Ultra Mega Solar Power Projects	Shared utility-scale infrastructure	CFA up to ₹20 lakh/MW or 30% of eligible project cost, whichever is lower; mode- and milestone-specific. New sanctions closed 31-Mar-2026; completion and committed liabilities of approved parks continue through 31-Mar-2029. DPR support up to ₹25 lakh per approved park under applicable scheme conditions.	Approved parks / committed liabilities only	MNRE; State implementing agency	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	An older State park concept is not itself a Central sanction.
Bioenergy	National Bioenergy Programme — Phase-I	Biomass, waste-to-energy and biogas components; briquettes/pellets, non-bagasse cogeneration and eligible BioCNG/CBG projects	Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	Phase-I ended; sanction-specific	MNRE / designated agency	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	West Bengal tracker use
Small hydro	Small Hydro Power Development Scheme	Eligible 1–25 MW projects, FY 2026-27 to FY 2030-31	Eligible 1–25 MW projects; FY2026-27–FY2030-31. Qualifying international-border districts: 30%, capped at ₹30 crore/project; other locations: 20%, capped at ₹20 crore/project. In each case, use the lower of actual and CERC normative capital cost.	Quantified	MNRE; SECI; State agency	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/2026051514674130 59.pdf	Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots, R&D and standards	Mission / SIGHT support is allocation- and award-specific	Quantified in calls / awards	MNRE / SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	No State production target was located in the 2012 policy.
Storage	Central BESS / PSP frameworks	Storage procurement, viability support and approvals	Tender / scheme-specific MW, MWh, tariff and VGF	Quantified per tender / sanction	Ministry of Power; CEA; procurer	https://powermin.gov.in/en/content/energy-storage-system https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Purulia and Turga stages are shown separately.
Transmission	Green Energy Corridor	Intra-State network strengthening for RE evacuation	Programme-specific grant / loan / equity mix	Quantified per sanction	MNRE; WBSETCL; lenders	https://mnre.gov.in/en/green-energy-corridor/	Use asset-level sanction and current TRA status.
State implementation	WBREDA and West Bengal utilities	Applications, tenders, demonstration projects and commissioning	Instrument- and project-specific	Variable	WBREDA; WBSEDCL; WBSETCL	https://www.wbreda.org/ https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Use live portals for forms and project status.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Material figures were checked against at least two sources where an independent comparator exists. Dates and statistical scope are retained, and the expired 2012 targets remain clearly labelled.

Category	Document / authority	What it verifies	Official link	Status / date checked
Installed capacity	MNRE state-wise installed capacity, 31-Aug-2026	Location-based solar, bio-power, hydro and total RE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/2026090810737759 55.pdf	Checked 16-Sep-2026; primary source
Installed capacity	MNRE Physical Progress portal	Publication route and national context	https://mnre.gov.in/en/physical-progress/	Checked 16-Sep-2026; primary portal
State policy	West Bengal RE Policy 2012	Expired technology targets, implementation, land, finance and institutions	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Checked 16-Sep-2026; official WBERC-hosted copy
State policy	WBREDA policy page	Official State publication route	https://www.wbreda.org/renewable-energy-policy-of-west-bengal/	Checked 16-Sep-2026; primary agency portal
Capacity verification	Lok Sabha UQ 5461, 25-Mar-2026	State-wise RE capacity at 28-Feb-2026	https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 16-Sep-2026; primary parliamentary answer
Resource planning	CEA West Bengal RA Plan to 2034-35	Contracted capacity, demand, RPO, planned and modelled additions	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Checked 16-Sep-2026; primary source
Transmission planning	CEA West Bengal TRA to 2034-35	Peak demand, contracted capacity, network baseline and expansion	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf	Checked 16-Sep-2026; primary source
Pumped storage	CEA PSP status, Aug-2026	Purulia operational and Turga concurred stages	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Checked 16-Sep-2026; primary source
Solar projects	WBSEDCL solar-project status, 30-Apr-2026	Completed, ongoing and upcoming solar assets	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Checked 16-Sep-2026; primary utility page
Solar scheme	WBREDA 1,200 MW Government Producer Scheme page	Older scheme announcement	https://www.wbreda.org/government-producer-scheme-for-1200mw-solar-project/	Checked 16-Sep-2026; primary agency page
Rooftop regulation	WBERC Rooftop Solar Regulations 2025	Eligibility, metering arrangements and settlement	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Checked 16-Sep-2026; final regulation
Rooftop procedure	WBSEDCL Procedures-C 2025	Fees, timelines, tariff and implementation process	https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Checked 16-Sep-2026; utility procedure
Rooftop reasons	WBERC Statement of Reasons for Regulation 81	Final decisions on fees, 500 kW cap and settlement	https://www.wberc.gov.in/sites/default/files/sor%2081.pdf	Checked 16-Sep-2026; primary Commission document

Category	Document / authority	What it verifies	Official link	Status / date checked
Open access	WBERC Open Access Regulations 2022	100 kW threshold, charge framework and green OA exemptions	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf	Checked 16-Sep-2026; final regulation
State nodal agency	WBREDA portal	Programmes, tenders and implementation route	https://www.wbreda.org/	Checked 16-Sep-2026; primary agency portal
Residential solar	MNRE PM Surya Ghar guidelines	Residential CFA, location-specific rates and implementation through 31-Mar-2027	https://mnre.gov.in/en/notice/guidelines-for-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Official programme provisions checked 19-Oct-2026. CFA guidelines §2(d), §5(g)–(h).
Agricultural solar	MNRE PM-KUSUM portal	Eligible PPA/NTP by 31-Dec-2025; A/C financial closure by 30-Nov-2026; completion by 31-Mar-2027	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Official programme provisions checked 19-Oct-2026. OM 28-Sep-2026; no general fresh-sanction window.
Bioenergy	MNRE National Bioenergy Programme	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	MNRE SHP Development Scheme	1–25 MW; location-specific CFA, construction eligibility and applications through 31-Dec-2030	https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Official programme provisions checked 19-Oct-2026. Guidelines 15-May-2026, §§6.2–6.5 and 12.4.
Green hydrogen	MNRE National Green Hydrogen Mission	Central mission and calls	https://mnre.gov.in/en/national-green-hydrogen-mission/	Checked 16-Sep-2026; primary source
Storage	Ministry of Power energy-storage framework	Central storage policy and VGF references	https://powermin.gov.in/en/content/energy-storage-system	Checked 16-Sep-2026; primary source
Transmission	MNRE Green Energy Corridor	Central programme framework	https://mnre.gov.in/en/green-energy-corridor/	Checked 16-Sep-2026; primary source
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
Capacity cross-check	MNRE Aug-2026 and Parliament Feb-2026	2,155.06 MW later total versus 2,112.18 MW earlier total	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://sansad.in/getFile/loksabhaquestions/annex/187/AU5461_PYi5ob.pdf?source=pqals	Checked 16-Sep-2026; dates labelled
Solar cross-check	MNRE and WBSEDCL project page	363.50 MW location-based total versus named commissioned subsets	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html	Checked 16-Sep-2026; subsets not double counted

Category	Document / authority	What it verifies	Official link	Status / date checked
Policy cross-check	WBERC-hosted PDF and WBREDA page	Policy title, authority and 2012 instrument	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://www.wbreda.org/renewable-energy-policy-of-west-bengal/	Checked 16-Sep-2026; official sources
Target cross-check	State policy and CEA RA	Expired 2022 targets versus current planning inputs / model results	https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Checked 16-Sep-2026; scopes separated
PSP cross-check	CEA PSP status and CEA RA	Purulia operation, Turga stage and contracted planning	https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Checked 16-Sep-2026; stages preserved
Rooftop cross-check	WBERC regulation and WBSEDCL procedure	Capacity bands, fees, timelines and settlement	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wbsedcl.in/irj/go/km/docs/internet/new_website/pdf/Solar/Guideline.pdf	Checked 16-Sep-2026; governing package
Rooftop decision cross-check	Final regulation and Statement of Reasons	500 kW cap, fees and no banking charge	https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf https://www.wberc.gov.in/sites/default/files/sor%2081.pdf	Checked 16-Sep-2026; final documents
Open-access cross-check	WBERC OA regulation and rooftop regulation	Transaction boundaries and charge treatment	https://www.wberc.gov.in/sites/default/files/Open%20Access%20Regulation%202022_1.pdf https://www.wberc.gov.in/sites/default/files/Regulation%2081.pdf	Checked 16-Sep-2026; scopes separated
Transmission cross-check	CEA TRA and CEA RA	Latest network plan versus generation-resource plan	https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Checked 16-Sep-2026; scopes separated
Project-stage cross-check	WBSEDCL page and MNRE total	Completed, ongoing, tender and study projects	https://portal.wbsedcl.in/irj/go/km/docs/internet/new_website/solar.html https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf	Checked 16-Sep-2026; no stage aggregation
Bioenergy cross-check	MNRE capacity and 2012 policy	351.86 MW current versus expired biomass / WTE targets	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf	Checked 16-Sep-2026; dates labelled

Category	Document / authority	What it verifies	Official link	Status / date checked
Review convention	No capacity-stage aggregation	Historical targets, planning inputs, model results, tenders, LoAs, DPRs and commissioned capacity remain separate	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609081073775955.pdf https://wberc.gov.in/latest/sites/default/files/policy-renewable-wb.pdf https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf	Checked 16-Sep-2026; applied throughout
Review convention	Units preserved	MW power, MWh energy, MVA transformation and ckm line length are not combined	https://cea.nic.in/wp-content/uploads/resource_adequacy_st/2024/11/Report_on_Resource_Adequacy_Plan_for_West_Bengal_Up_to_2034_35.pdf https://cea.nic.in/wp-content/uploads/2021/03/WestBengal_TRA_2034_35_March_2026_Upto_year_34_2035.pdf https://cea.nic.in/wp-content/uploads/hpi/2026/08/PSP_Status_of_development.pdf	Checked 16-Sep-2026; applied throughout

MNRE Renewable Energy Policy Tracker

National capacity, policy, schemes and implementation coverage

Capacity baseline through 30 September 2026

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Synopsis

India Renewable Energy: Policy and Investment Synopsis

India's renewable energy framework combines a national non-fossil capacity commitment with programmes for solar, wind, storage, hydro, bioenergy and green hydrogen. As of 30 September 2026, installed renewable capacity, including large hydro, was 299,246.53 MW, while total non-fossil capacity was 308,026.53 MW.

1. Policy Overview

- National commitment: The 500 GW target for 2030 covers renewable energy, large hydro and nuclear capacity. At 30 September 2026, solar accounted for 171,051.46 MW, wind for 59,201.07 MW, bio-power for 11,747.57 MW and small hydro for 5,181.76 MW.
- Key programmes: PM Surya Ghar, PM-KUSUM, the National Green Hydrogen Mission, the 2026–31 Small Hydro Development Scheme, offshore wind viability gap funding (VGF), and battery storage VGF programmes.

2. Major Commitments and Progress

- Non-fossil share: Non-fossil sources were 54.88% of installed power capacity on 31 August 2026, above the updated Nationally Determined Contribution goal of about 50% by 2030. The 500 GW capacity target is a separate commitment.
- Green hydrogen: The National Green Hydrogen Mission targets at least 5 million tonnes of annual production by 2030, with about 125 GW of associated renewable capacity.
- Residential solar: PM Surya Ghar targets one crore households by FY2026–27. By 24 July 2026, 48,21,986 households had benefited.
- Agricultural solar: PM-KUSUM's 34.8 GW target was for March 2026; installed scheme capacity was 12.164 GW on 28 February 2026. Eligible projects with a PPA or notice to proceed by 31 December 2025 may complete by 31 March 2027.

3. Investment Framework

- Rooftop solar: Eligible households in general-category States/UTs receive ₹30,000/kW for the first 2 kW and ₹18,000/kW for the next 1 kW, capped at ₹78,000. Higher notified rates apply in specified special-category locations. A ₹100 crore payment-security corpus supports eligible residential RESCO or utility-led aggregation projects.
- Battery storage: The first VGF programme provides ₹3,760 crore for 13.22 GWh. A second provides ₹5,400 crore for 30 GWh, at ₹18 lakh/MWh. Approved procurement and scheme conditions apply.
- Small hydro and offshore wind: The 2026–31 small-hydro scheme supports 1–25 MW projects, with about 1,500 MW of planned additions and ₹2,584.60 crore outlay. Offshore wind VGF covers 1 GW, with ₹6,853 crore for projects and ₹600 crore for ports.
- Bioenergy: National Bioenergy Programme Phase-I ended on 31 March 2026. Its ₹998 crore outlay included a ₹140 crore supplement approved in September 2025. The separate MoPNG-administered GOBARdhan compressed-biogas scheme provides ₹23,731 crore for FY2026–27 to FY2035–36.

4. Principal Implications

- India has crossed its 2030 non-fossil installed-capacity share goal. The separate 500 GW commitment supports further generation and grid-integration investment.
- PM-KUSUM's extension covers qualifying committed projects. Pending National Bioenergy Programme proposals do not automatically qualify for GOBARdhan support.

5. Investment Outlook

- Residential rooftops have consumer assistance and eligible payment-security support. Solar-park support continues for qualifying approved parks; fresh approvals closed on 31 March 2026.
- Storage, small hydro and offshore wind offer programme-backed opportunities tied to procurement and selection.
- Compressed biogas opportunities depend on the new framework's component eligibility and approvals.

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Overview

MNRE Renewable Energy Policy Tracker

National capacity, policy, schemes and implementation coverage | Capacity baseline through 30 September 2026

> *Installed capacity, targets, sanctions, manufacturing and planning are distinct. The 500 GW target includes nuclear and large hydro.*

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
Total non-fossil installed power capacity	308,026.53	500,000 MW by 2030	Quantified current and target; 61.61% reached at 30-Sep-2026	https://mnre.gov.in/en/physical-progress/ https://cea.nic.in/notification/transmission-plan-for-integration-of-over-500-gw-non-fossil-capacity-by-2030-2/?lang=en
Non-fossil share of total installed power capacity	54.88% at 31-Aug-2026	About 50% by 2030 under India's updated NDC	Quantified target achieved	https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf https://unfccc.int/sites/default/files/NDC/2022-08/India%20Updated%20First%20Nationally%20Determined%20Contrib.pdf
Total renewable-energy capacity including large hydro	299,246.53	500 GW commitment has wider non-fossil scope	Quantified current; target scope separate	https://mnre.gov.in/en/physical-progress/
Renewable capacity excluding large hydro	247,181.86	No separate aggregate 2030 target in the cited commitment	Quantified current; no like-for-like target	https://mnre.gov.in/en/physical-progress/
Solar power physically installed	171,051.46	No current standalone solar target within the 500 GW commitment	Quantified current; umbrella target separate	https://mnre.gov.in/en/physical-progress/
Wind power physically installed	59,201.07	No current standalone wind target within the 500 GW commitment	Quantified current; umbrella target separate	https://mnre.gov.in/en/physical-progress/
Small-hydro power physically installed	5,181.76	New scheme targets about 1,500 MW addition by FY2030-31	Quantified current and scheme addition; bases separate	https://mnre.gov.in/en/physical-progress/
Bio-power and waste-to-energy installed	11,747.57	GOBARdhan targets CBG expansion, not an electricity MW target	Quantified current; fuel-scheme scope separate	https://mnre.gov.in/en/physical-progress/
PM Surya Ghar households benefited	48,21,986 at 24-Jul-2026	1 crore residential households by FY2026-27	Quantified progress; 48.22% of household target	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps
PM-KUSUM installed scheme capacity	12.164 GW at 28-Feb-2026	34.8 GW by Mar-2026	Quantified progress; target date elapsed	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5297_LIRC2j.pdf?source=pqals https://pmkusum.mnre.gov.in/

Metric	Current / baseline	Policy / planning target	Classification	Source and interpretation
National Green Hydrogen Mission	Mission implementation and awards under way	At least 5 MMT/year by 2030; about 125 GW associated RE	Quantified mission target; not installed power	https://mnre.gov.in/en/national-green-hydrogen-mission/ https://mnre.gov.in/en/hydrogen-overview/
BESS support and planning	13.22 GWh under implementation; 30 GWh second VGF scheme	NEP requirement: 47.24 GW / 236 GWh by 2031-32	Scheme portfolio and planning need; not commissioned capacity	https://pib.gov.in/PressReleasePage.aspx?PRID=2204118 https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf

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Glossary

Glossary and Interpretation Rules

Definitions used consistently across the MNRE tracker

> *These definitions keep physical capacity, national commitments, policy directions, scheme allocations, sanctions, awards, manufacturing capability and planning requirements from being combined incorrectly.*

Term	Meaning used in this tracker
Quantified	An official source states a numeric capacity, rate, count, outlay, threshold or deadline.
Unquantified	An instrument states an objective or eligible activity without a numeric deployment target.
Installed capacity	Generation capacity reported as physically commissioned. It excludes tenders, awards and construction pipelines.
Non-fossil capacity	Renewable power, large hydro and nuclear capacity. It is wider than MNRE renewable-energy capacity.
Renewable capacity	Solar, wind, bio-power, waste-to-energy, small hydro and large hydro as reported by MNRE.
Scheme target	The outcome a scheme seeks by a stated date. It is not commissioned capacity.
Sanctioned / allocated	Capacity or support approved under a scheme. It remains separate from installation or commissioning.
Awarded / tendered	A procurement stage. It is not an operating project unless commissioning is reported.
Outlay	Approved public expenditure ceiling. It is not the amount released, disbursed or invested.
CFA / VGF	Central Financial Assistance / Viability Gap Funding, subject to scheme eligibility and verification.
Target date elapsed	The stated target period ended before the checked date. Continuing portal activity is not treated as a formal extension.
NDC	India's nationally determined climate commitment under the Paris Agreement.
RCO / RPO	Renewable Consumption / Purchase Obligation. The revised 2025 central framework governs the current national trajectory.
GEOA	Green Energy Open Access under Ministry of Power rules and State implementation.
ISTS	Inter-State Transmission System. Waivers depend on technology, commissioning or award date and stated conditions.
ALMM / DCR	Approved List of Models and Manufacturers / Domestic Content Requirement. Their legal triggers are not identical.
BESS / PSP	Battery Energy Storage System / Pumped Storage Project. MW is power and MWh is stored energy.
MMT / GW	Million metric tonnes per year / gigawatts. Green-hydrogen output is not added to installed power capacity.

Term	Meaning used in this tracker
MNRE-linked framework	A related central instrument owned by MoP, CEA, CERC or another ministry, with ownership stated explicitly.
Component / parent outlay	A component budget belongs within its parent scheme. Repeating it in Financial Support or MNRE Schemes is a cross-reference, not an additional national allocation.
Report cut-off versus review date	The 2025–26 Annual Report generally records achievements through 31-Dec-2025. Monthly capacity figures are shown with their observation dates.
Legacy liabilities	Payments or funds released against earlier approved schemes do not establish a fresh application window.
Comparable official sources	Keep figures from different scopes separate and disclose their dates. A Ministry report and its own guideline may corroborate one statement but are not independent sources.

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Policy Tracker

National goals | Technology policies | Schemes | Manufacturing | Enabling frameworks

The tracker centres on MNRE-led instruments and identifies related MoP, CEA, CERC and other-ministry measures separately. Installed capacity is never combined with targets, awards, manufacturing capacity, scheme outlays or planning requirements.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
National goal	Non-fossil capacity	India is working towards a national installed-capacity goal.	COP26 / central target	Quantified target	500 GW by 2030	All non-fossil power	National and State deployment	Government of India; MNRE; MoP	https://cea.nic.in/notification/transmission-plan-for-integration-of-over-500-gw-non-fossil-capacity-by-2030-2/?lang=en	Includes nuclear and large hydro; not an RE-only target.
Climate commitment	Installed-capacity share	India's updated NDC commits to an approximate non-fossil share.	Updated NDC 2022	Quantified commitment	About 50% by 2030	National installed power	UNFCCC reporting	Government of India	https://unfccc.int/sites/default/files/NDC/2022-08/India%20Updated%20First%20Nationally%20Determined%20Contrib.pdf	CEA reports 54.88% at 31-Aug-2026.
Capacity	National baseline	MNRE publishes technology-wise physical capacity.	MNRE Physical Achievements	Quantified current	299,246.53 MW total RE at 30-Sep-2026	Location-based installed capacity	Monthly reporting	MNRE	https://mnre.gov.in/en/physical-progress/	Includes 52,064.67 MW large hydro.
Capacity	Non-fossil baseline	CEA reports the national power-capacity mix.	CEA Installed Capacity	Quantified current	308,026.53 MW total non-fossil at 30-Sep-2026; 54.88% at 31-Aug-2026	All-India utilities	Monthly reporting	CEA	https://mnre.gov.in/en/physical-progress/ https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	September capacity total from MNRE; CEA share remains at 31-Aug-2026. Includes renewable, large hydro and nuclear capacity.
Solar	Physical portfolio	MNRE reports ground, rooftop, hybrid and off-grid solar.	MNRE Physical Achievements	Quantified current	171,051.46 MW at 30-Sep-2026	Installed capacity	Monthly reporting	MNRE	https://mnre.gov.in/en/physical-progress/	123.99 GW ground; 32.59 GW rooftop; 4.83 GW hybrid; 6.63 GW off-grid.
Wind	Physical portfolio	MNRE reports national onshore wind installations.	MNRE Physical Achievements	Quantified current	59,201.07 MW at 30-Sep-2026	Installed capacity	Monthly reporting	MNRE	https://mnre.gov.in/en/physical-progress/	Offshore VGF capacity remains a scheme target.
Bioenergy	Physical portfolio	MNRE reports biomass, cogeneration and waste-to-energy.	MNRE Physical Achievements	Quantified current	11,747.57 MW	Installed capacity	Monthly reporting	MNRE	https://mnre.gov.in/en/physical-progress/	CBG output is not added to electricity MW.
Small hydro	Physical portfolio	MNRE reports projects up to 25 MW.	MNRE Physical Achievements	Quantified current	5,181.76 MW	Installed capacity	Monthly reporting	MNRE	https://mnre.gov.in/en/physical-progress/	New scheme addition is recorded separately.
Residential solar	PM Surya Ghar	The scheme supports residential rooftop solar through a national portal.	PM Surya Ghar guidelines	Live quantified scheme	1 crore households by FY2026-27; ₹75,021 crore	Grid-connected residential consumer	Portal, DISCOM verification and CFA	MNRE; REC; DISCOMs	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507081690964295.pdf	Household target is not a 30 GW installed-capacity baseline in this tracker. Implementation period ends 31-Mar-2027.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Residential solar	Current progress	Parliament reports beneficiary and installation progress.	Lok Sabha SQ 152	Quantified current progress	48,21,986 households benefited	PM Surya Ghar	Portal reporting	MNRE	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	At 24-Jul-2026; 48.22% of one-crore household target.
Residential solar	Concessional finance	The scheme links consumers with collateral-free rooftop loans.	Lok Sabha SQ 152	Quantified finance progress	₹39,930 crore sanctioned; ₹31,652 crore disbursed	Eligible residential borrower	Bank sanction and disbursement	Banks; MNRE ecosystem	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	Amounts reported at 24-Jul-2026.
Agricultural solar	PM-KUSUM	The scheme covers decentralised plants, stand-alone pumps and pump solarisation.	PM-KUSUM	Historical target; eligible committed-project completion extended	34.8 GW by Mar-2026; ₹34,422 crore support	Component-specific	State demand, sanction and installation	MNRE; State agencies	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Eligible PPAs/NTPs signed or issued on or before 31-Dec-2025 may complete through 31-Mar-2027. For eligible Component A and C projects, financial closure is due 30-Nov-2026. Individual SCOD, sanction validity and guidelines still apply; no general new sanction window.
Agricultural solar	Current progress	Parliament reports the combined installed scheme capacity.	Lok Sabha UQ 5297	Quantified progress	12.164 GW at 28-Feb-2026	PM-KUSUM	State-agency reporting	MNRE; SIAs	https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5297_LIRC2i.pdf?source=pqals	About 34.95% of the 34.8 GW scheme target.
Solar	Solar parks	The programme supports shared land and infrastructure.	Solar Parks Scheme	Ongoing parks / liabilities extended; new-approval cut-off elapsed	40,000 MW approved scheme scope; ongoing completion / liabilities through FY2028-29	Approved parks	State/UT proposal and MNRE approval	MNRE; SECI; SPPDs	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	OM 17-Sep-2025 extends completion through 31-Mar-2029 without additional financial implication; fresh approvals only through 31-Mar-2026. Approved park capacity is not commissioned.
Solar	Government producers	CPSU Phase-II supports domestic-content solar for government use.	CPSU Scheme Phase-II	Quantified scheme	12,000 MW; ₹8,580 crore VGF	Central/State PSUs and government entities	SECI allocation and project execution	MNRE; SECI	https://mnre.gov.in/en/central-public-sector-undertaking-cpsu-scheme-phase-ii-government-producer-scheme-for-setting-up-12000-mw-grid-connected-solar-photovoltaic-pv-power-projects-by-the-government-producers-with-vi/	Allocation and commissioning remain separate.
Manufacturing	Solar PV PLI	The scheme incentivises high-efficiency domestic PV manufacturing.	Solar PV PLI	Quantified outlay	₹24,000 crore; 48 GW awarded integrated capacity	Selected manufacturers	Tranche conditions and production	MNRE	https://mnre.gov.in/en/production-linked-incentive-pli/	Awarded manufacturing capacity is not power capacity.
Manufacturing	ALMM quality list	Eligible projects must use listed module models where the order applies.	ALMM Order 2019	Live compliance framework	List-based, no deployment target	Covered projects	Model and manufacturer enlistment	MNRE	https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/ https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609161469951718.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610091229460604.pdf	Module List-I updated 16-Sep-2026; cell List-II is at 12th revision dated 08-Oct-2026. Apply both lists according to project scope and the current transition rules.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Manufacturing	ALMM List-II cells	Cell-list compliance applies from 1-Jun-2026, subject to stated limited windows.	ALMM List-II 2026; 12th revision dated 08-Oct-2026	Live dated requirement	Limited window to 31-Dec-2026 for specified projects	Covered net-metering and OA projects	Commissioning and evidence	MNRE	https://mnre.gov.in/en/notice/almm-list-ii-for-solar-pv-cells-no-blanket-extension-subject-to-limited-window-till-31-12-2026-for-commissioning-net-metering-and-open-access-re-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/20261009122946060 4.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260730213591216 9.pdf	No blanket extension. Specified net-metering and open-access projects may use the limited commissioning window through 31-Dec-2026. OM 30-Jul-2026 rescinded the separate 29-Mar-2024 transition clarification; remaining exemption requests are considered case by case.
Manufacturing	Domestic capacity	Parliament reports listed manufacturing capability.	Rajya Sabha UQ 2694	Quantified manufacturing	Around 213 GW modules and 32 GW cells	Manufacturing, not generation	ALMM reporting	MNRE	https://sansad.in/getFile/annex/271/AU2694_WAzoDH.pdf?source=pqars	As at 4-Aug-2026.
Wind-solar	Hybrid framework	The policy supports efficient use of transmission and land through hybrid projects.	National Wind-Solar Hybrid Policy	Live policy direction	No fixed capacity target in policy	Hybrid projects	Project procurement / approvals	MNRE; MoP; SECI	https://mnre.gov.in/en/wind-policy-and-guidelines/	Tender capacity is separate from commissioning.
Wind	Repowering	The 2023 policy provides a facilitative framework for replacing older turbines.	Policy for Repowering Wind Projects 2023	Live policy direction	Project-specific capacity uplift	Eligible existing wind projects	Repowering plan and approvals	MNRE; NIWE; utilities	https://mnre.gov.in/en/notice/policy-for-repowering-of-the-wind-power-projects/	No national commissioned amount inferred.
Offshore wind	First VGF projects	The scheme supports first projects off Gujarat and Tamil Nadu.	Offshore Wind VGF Scheme	Quantified live scheme	1 GW; ₹7,453 crore total outlay	Selected offshore projects and ports	Competitive selection and commissioning	MNRE; SECI; ports	https://mnre.gov.in/en/notice/scheme-guidelines-for-implementation-of-vgf-scheme-for-offshore-wind-energy-projects/ https://pib.gov.in/PressReleasePage.aspx?PRID=2026700	₹6,853 crore projects plus ₹600 crore port upgrades.
Offshore wind	Lease framework	Central rules govern leasing of offshore areas.	Offshore Wind Energy Lease Rules 2023	Live enabling framework	No automatic capacity award	Offshore blocks	Survey, lease and statutory approvals	MNRE; NIWE	https://mnre.gov.in/en/off-shore-wind/	Lease is not a generation licence or commissioning.
Small hydro	Development Scheme	The new scheme supports 1–25 MW projects and DPR preparation.	SHP Development Scheme 2026-31	Quantified live scheme	About 1,500 MW; ₹2,584.60 crore	Projects from 1 MW to 25 MW	SECI appraisal and scheme process	MNRE; SECI	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://nrep.mnre.gov.in/guidelines-shp https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/20260515146741305 9.pdf	FY2026-27 to FY2030-31. Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.
Green hydrogen	National mission	The mission develops production, demand, manufacturing, hubs, pilots and R&D.	National Green Hydrogen Mission	Quantified mission	At least 5 MMT/year by 2030; ₹19,744 crore	Mission components	Scheme calls, awards and implementation	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/ https://mnre.gov.in/en/hydrogen-overview/	Associated RE requirement is about 125 GW.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Green hydrogen	SIGHT	The incentive programme supports electrolyser manufacturing and green-hydrogen production.	SIGHT Programme	Quantified allocation	₹17,490 crore	Successful bidders	Competitive selection and milestone verification	MNRE; SECI	https://mnre.gov.in/en/national-green-hydrogen-mission/	Award quantities are not production achieved.
Green hydrogen	Hubs and pilots	Mission components support hubs, transport, shipping, steel and innovative pathways.	NGHM scheme guidelines	Award-specific	Call-specific support	Selected projects	Proposal, evaluation and award	MNRE; implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	Use the applicable scheme guideline and award.
Bioenergy	National Bioenergy Programme Phase-I	The umbrella programme covered biomass, waste-to-energy and biogas.	NBP Phase-I	Closed period / liabilities	₹998 crore Phase-I outlay (₹858 crore initial + ₹140 crore supplement); FY2021-22–FY2025-26	Sanctioned projects	Portal and implementation agency	MNRE	https://mnre.gov.in/en/bio-energy-overview/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/202509171760844558.pdf	Supplementary ₹140 crore sanctioned 16-Sep-2025, bringing Phase-I outlay to ₹998 crore. The approval period ended 31-Mar-2026; this did not extend it or remove BioUrja funding constraints. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	New proposal status	Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.	BioUrja portal notice	Funding constraint	Specified biomass proposals from 10-Oct-2024 await Phase-II budget approval	Pending biomass / WTE proposals	Seniority and future allotment	MNRE	https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Existing sanctions retain their terms. Biomass briquette/pellet and non-bagasse cogeneration proposals received from 10-Oct-2024 await Phase-II budget approval. Separate biogas-component application status applies.
Bioenergy	National CBG framework	GOBARdhan unifies CBG support through offtake, pricing, capex, pipelines and finance.	GOBARdhan 2026-36	Quantified live scheme	₹23,731 crore; nearly ten-fold CBG growth	Compressed biogas value chain	Scheme components and approvals	MoPNG; linked ministries	https://www.pmindia.gov.in/en/news_updates/cabinet-approves-gobardhan-indias-national-unified-scheme-for-compressed-biogas-with-an-outlay-of-rs-23731-crore/ https://pib.gov.in/PressReleasePage.aspx?PRID=2295480&lang=1&reg=3	Central related scheme; administered by MoPNG, not MNRE.
Transmission	Green Energy Corridor II	The scheme funds intra-State lines and substations for RE integration.	GEC Phase-II	Quantified live scheme	10,750 ckm; 27,500 MVA; about 20 GW integration	Selected STUs	Sanction, construction and reporting	MNRE; STUs	https://mnre.gov.in/en/gec-phase-ii/	Original approved scope is rounded in this row; project cost ₹12,031.33 crore. AR p.46 revised physical scope differs and has not been substituted without matching second-source verification. Separate Ladakh ISTS entry added.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Storage	BESS VGF—first scheme	MoP supports large-scale BESS through VGF.	BESS VGF 2023/24	Quantified under implementation	13.22 GWh; ₹3,760 crore	Selected BESS procurements	Tender, award and commissioning	MoP; States; CPSUs	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/ https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	Under implementation, not commissioned stock.
Storage	BESS VGF—PSDF scheme	A second VGF scheme supports State and NTPC capacity.	BESS VGF 2025	Quantified live scheme	30 GWh; ₹5,400 crore	Allocated entities	Procurement and commissioning	MoP; States; NTPC	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/ https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	₹18 lakh/MWh stated support.
Innovation	RE-RTD	The programme supports indigenous renewable-energy technology development.	RE-RTD 2026-31	Live programme	FY2026-27 to FY2030-31	Research institutions and industry	Proposal, appraisal and milestone funding	MNRE	https://mnre.gov.in/en/notice/administrative-approval-for-continuation-of-renewable-energy-research-and-technology-development-programme-re-rtd-in-the-16th-finance-cycle-fc-period-from-2026-27-to-2030-31/	Use current administrative approval for calls.
Open access	National GEOA rules	The rules create a national framework for green open access.	GEOA Rules 2022, as amended	Quantified threshold	100 kW; aggregation in same division	Eligible consumers	Application through State/Central systems	MoP; SERCs; utilities	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNvkTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003 https://powermin.gov.in/static/uploads/2025/08/5804f7f17e764f9ba1951183379b8e31.pdf	State regulations and charges implement the rules.
Consumption obligation	Revised national RCO	The 2025 notification unifies the central compliance framework.	Revised RCO notification 2025	Live quantified obligation	35.95% FY2026-27; 43.33% FY2029-30	Designated consumers	Consumption, certificates and compliance	MoP; BEE; State agencies	https://powermin.gov.in/documents/orders-and-notices/new-notices-orders-cDO4QjMtQWa?pageTitle=Current-Notices%2FOrders https://pib.gov.in/PressReleasePage.aspx?PRID=2250039&lang=2&reg=48	Supersedes the October 2023 notification.
Storage obligation	ESO trajectory	The national trajectory increases the storage share in consumption.	RPO/ESO order and storage framework	Quantified obligation	4% by FY2029-30	Obligated entities	Procurement and compliance	MoP; regulators	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/	Obligation is an energy share, not installed MW.
Transmission	ISTS waiver	Current treatment depends on technology and project dates.	MoP ISTS waiver orders	Conditional quantified relief	Co-located BESS commissioned by Jun-2028: 100% waiver	Qualifying projects	Connectivity, COD and conditions	MoP; CERC; CTU	https://mnre.gov.in/en/document/waiver-of-inter-state-transmission-charges-for-energy-storage-systems-ess/ https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	Solar/wind base cut-off was Jun-2025 with tapering / approved extensions.
Residential solar	PM Surya Ghar — DISCOM incentives	Rewards incremental residential rooftop deployment.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹4,950 crore component outlay	DISCOMs / electricity departments	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718649275406.pdf	AR001 | AR 2025-26 p.15, §3.1.3–3.1.5. Incentive is performance-based; component of existing ₹75,021 crore scheme.
Residential solar	PM Surya Ghar — Model Solar Village	Supports a demonstration village in each district.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹800 crore; ₹1 crore CFA per selected village	Selected villages; competitive district selection	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/08/2024080998431910.pdf	AR002 | AR 2025-26 p.16, §3.1.3–3.1.5. Selection, State implementation and approved village action plan required.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Residential solar	PM Surya Ghar — Incentives to local bodies	Rewards local mobilisation for rooftop installations.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹1,000 crore; ₹1,000 per eligible installation	Urban local bodies and Panchayati Raj institutions	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718995101679.pdf	AR003 | AR 2025-26 p.16, §3.1.3–3.1.5. Count only residential installations for which consumer CFA was transferred.
Residential solar	PM Surya Ghar — RESCO / utility-led aggregation and payment security	Enables third-party ownership and utility aggregation.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹100 crore payment-security corpus	Eligible residential RTS under RESCO / ULA	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/12/20241230101814137.pdf	AR004 | AR 2025-26 p.16, §3.1.3–3.1.5. Consumer CFA and PSM are separate; storage receives no additional residential CFA.
Residential solar	PM Surya Ghar — Innovative projects	Supports pilots for new rooftop business and technology models.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹500 crore component outlay; support up to 60% project cost or ₹30 crore, whichever lower	Eligible innovators under approved calls	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009118859190 7.pdf	AR005 | AR 2025-26 p.16, §3.1.3–3.1.5. Call-specific approval; not an automatic consumer subsidy.
Residential solar	PM Surya Ghar — Capacity building	Supports skilling and institutional implementation capacity.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹657 crore component outlay	Approved training agencies and implementation bodies	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718172825115 4.pdf	AR006 | AR 2025-26 p.16, §3.1.3–3.1.5. Component allocation; not training completed or employment achieved.
Residential solar	PM Surya Ghar — Awareness and outreach	Supports consumer education and mobilisation.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹657 crore component outlay	National and State implementing agencies	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240722865406813.pdf	AR007 | AR 2025-26 p.16, §3.1.3–3.1.5. Allocated communication budget; not additional residential CFA.
Residential solar	PM Surya Ghar — Service charges	Funds scheme administration and verification services.	Component guidelines	Quantified; cross-checked | Current parent scheme; approval-specific	₹657 crore component outlay	National / State implementing agencies	REC / SIA implementation under component guidelines	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009200479655 6.pdf	AR008 | AR 2025-26 p.16, §3.1.3–3.1.5. Administration allocation within the parent scheme; not a household entitlement.
Residential solar	PM Surya Ghar — vendor registration, rating and assessment	Assesses vendor service quality and verifies installations.	Vendor rating guidelines	Qualitative inventory | Current implementation control	Not a capacity target	Registered vendors and scheme installations	Portal registration; rating and third-party checks	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240724142949742 2.pdf	AR009 | AR 2025-26 p.17, §3.1.6. Parent scheme already covered; this is a quality control component.
Government solar	Rooftop solar saturation of government buildings	Coordinates rooftop deployment on public buildings.	Operational guidelines	Qualitative inventory | Implementation programme	Not a separate verified CFA amount	Central / State government buildings	CAPEX or RESCO; nodal ministries and departments	MNRE; government departments	https://mnre.gov.in/en/grid-connected-solar-rooftop-programme/	AR010 | AR 2025-26 p.18, §3.1.6. Report states no CFA for government-sector buildings; do not apply household subsidy.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Tribal solar	New Solar Power Scheme — Tribal / PVTG households	Provides off-grid electricity where grid connection is infeasible.	PM JANMAN / DA JGUA guidelines	Quantified; cross-checked | Household approval period elapsed; liabilities	1 lakh HHs; 0.3 kW systems; ₹500 crore; ₹50,000/HH or actual cost	MoTA-identified unelectrified Tribal / PVTG households	State nodal agency proposals and MNRE sanction	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	AR011 | AR 2025-26 p.44, §3.11. Stated household period FY 2023-24–FY2025-26; no general renewal inferred.
Tribal solar	New Solar Power Scheme — Multi-Purpose Centres	Provides solar lighting for PVTG community centres.	PM JANMAN / DA JGUA guidelines	Quantified; cross-checked | Centre approval period elapsed; liabilities	1,500 MPCs; ₹15 crore; ₹1 lakh/MPC	PVTG MPCs without feasible grid supply	SNA proposals and MNRE sanction	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/new-solar-power-scheme-for-pvtg-habitation-villages-under-pm-janman/	AR012 | AR 2025-26 p.44, §3.11. FY2023-24–FY2025-26 component; separate from public institutions.
Tribal solar	New Solar Power Scheme — public institutions	Solarises public institutions in eligible tribal areas.	DA JGUA component	Quantified; cross-checked | Approved through FY2028-29	2,000 institutions; ₹400 crore; ₹1 lakh/kW	Eligible public institutions without feasible grid supply	State nodal agency proposals and MNRE sanction	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	AR013 | AR 2025-26 p.44, §3.11. ₹515 crore is household plus MPC scope only; expanded three-component outlay totals ₹915 crore.
Solar demonstration	Solarisation of Konark Sun Temple and town	Integrates grid solar and off-grid demonstration applications.	Site-specific administrative scheme	Quantified; cross-checked | Project implementation; not open national CFA	10 MW grid solar; about ₹25 crore CFA	Konark Sun Temple and Konark town, Odisha	OREDA project implementation	MNRE; OREDA	https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=1625340	AR014 | AR 2025-26 p.41, §3.5. AR reports off-grid applications commissioned; grid project under implementation at report cut-off.
Solar plus storage	Taru, Leh solar-storage project under J&K PMDP	Supports a designated solar-storage project.	PMDP project sanction	Quantified; cross-checked | Project-specific implementation	₹250 crore sanctioned support; 50 MWh storage	Taru, Leh, Ladakh	SECI EPC implementation	MNRE; SECI	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/07/2023071274.pdf	AR015 | AR 2025-26 p.41, §3.6. AC rating differs: 20 MW in older report versus 25 MW in 2025-26 report. AC rating withheld pending sanction amendment; financial support and storage agree.
Off-grid solar	Off-Grid and Decentralised Solar PV Applications — Phase III	Historically supported standalone lighting and solar applications.	Legacy programme	Qualitative inventory | Closed; continuation not agreed	Not an active subsidy window	Earlier sanctioned off-grid projects	Committed-liability management	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf	AR016 | AR 2025-26 p.43, §3.8. Closed in March 2021; do not present as fresh national off-grid CFA.
DRE livelihoods	Framework for Promotion of DRE Livelihood Applications	Builds an enabling ecosystem for productive renewable energy.	Framework	Qualitative inventory | Policy framework	Not a separately verified subsidy amount	Rural and remote livelihood applications	Coordination, finance access and enterprise support	MNRE; State agencies	https://mnre.gov.in/en/dre-homepage-2/	AR017 | AR 2025-26 p.43, §3.9. Framework is enabling direction; no universal CFA inferred.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Defence solar	Solarisation of BSF Forward Defence Locations	Provides off-grid solar for designated BSF locations.	Project sanction	Quantified; cross-checked | Legacy project; stated completion period elapsed	115 FDLs; 1.21 MWp; ₹16.73 crore CFA	BSF Jammu and Kashmir Frontier	BSF procurement and sanctioned project implementation	MNRE; BSF	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/04/20250416715431493.pdf	AR018 | AR 2025-26 p.43, §3.10. Completion extension was up to Aug-2025; latest AR completion count omitted without same-date corroboration.
International grid	One Sun One World One Grid (OSOWOG)	Studies international renewable-electricity interconnection.	International initiative	Qualitative inventory | Study and cooperation initiative	Not commissioned capacity or a subsidy target	Cross-border electricity cooperation	ISA-led study; inter-ministry coordination	MNRE; ISA; MoP	https://mnre.gov.in/en/international-relations/	AR019 | AR 2025-26 p.41, §3.7. Study, roadmap and cooperation; no deployment commitment inferred.
Transmission	Green Energy Corridor — Intra-State Phase I	Strengthens State networks for renewable power evacuation.	Infrastructure scheme	Qualitative inventory | Legacy implementation programme	Not adding uncorroborated revised physical totals	Participating State transmission utilities	STU implementation with central / KfW support	MNRE; STUs	https://mnre.gov.in/en/green-energy-corridor/	AR020 | AR 2025-26 p.45, §3.12.1. Separate from InSTS GEC-II already tracked; actual completion is not the original target.
Transmission	Green Energy Corridor — Ladakh ISTS	Creates evacuation infrastructure for Ladakh renewable projects.	Cabinet-approved project	Quantified; cross-checked | Approved; report records FEED / review	13 GW RE integration; ₹20,773.70 crore project cost; 40% CFA (₹8,309.48 crore); FY2029-30	Ladakh RE projects and national grid	POWERGRID transmission implementation	MNRE; MoP; POWERGRID	https://www.pib.gov.in/PressReleasePage.aspx?PRID=1968733	AR021 | AR 2025-26 p.46, §3.12.3. Transmission integration scope; not installed RE capacity or an extra InSTS GEC-II allocation.
Wind	Guidelines for Development of Onshore Wind Power Projects	Defines development and technical siting requirements.	Guidelines and amendments	Qualitative inventory | Compliance framework	Not a deployment target	Onshore wind developers	Apply guidelines and project-specific approvals	MNRE; NIWE; State authorities	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR022 | AR 2025-26 p.52, §4.1.7. Micrositing and technical requirements; not a funding scheme.
Wind manufacturing	ALMM-Wind turbines and critical components	Lists approved turbine models and critical component manufacturers.	ALMM-Wind / SOP	Qualitative inventory | Compliance framework; amendments apply	Not installed or awarded capacity	Wind OEMs and applicable turbine components	MNRE / NIWE listing and compliance procedure	MNRE; NIWE	https://mnre.gov.in/en/document-category/wind-manufacturing/	AR023 | AR 2025-26 p.52, §4.1.7. Renamed RLMM. Consult Feb-2026 procedural amendment and Aug-2026 compliance notice before procurement.
Wind technology	Prototype wind turbine installation guidelines	Enables controlled testing of uncertified prototype models.	Revised prototype guidelines	Qualitative inventory | Technical test route	Not general deployment permission	Prototype wind turbine models	NIWE evaluation; trial and certification route	MNRE; NIWE	https://mnre.gov.in/en/document/revised-guidelines-for-installation-of-prototype-wind-turbine-models/	AR024 | AR 2025-26 p.52, §4.1.7. Current revision supersedes the report-era June-2025 version.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Wind manufacturing	Concessional Customs Duty Certificate (CCDC) procedure	Certifies eligible inputs for wind manufacturing customs treatment.	Customs notification and MNRE certification	Qualitative inventory | Conditional fiscal framework	Not adding an unverified universal duty rate	Eligible turbine components / raw materials	CCDC procedure; tariff classification and customs verification	MNRE; CBIC	https://mnre.gov.in/en/document-category/wind-manufacturing/	AR025 | AR 2025-26 p.60, §4.2.4. Duty eligibility depends on current tariff entry and notification conditions.
Wind	Wind Generation-Based Incentive (GBI)	Services eligible legacy wind-generation incentive claims.	Legacy GBI scheme	Qualitative inventory | Legacy entitlement / liabilities	Not a fresh commissioning incentive	Projects eligible under historic GBI approvals	IREDA administers eligible generation claims	MNRE; IREDA	https://mnre.gov.in/en/wind-policy-and-guidelines/	AR026 | AR 2025-26 p.51, §4.1.7. Report refers to projects commissioned by Mar-2017; no new-window inference.
Offshore wind	National Offshore Wind Energy Policy	Provides the national offshore wind development framework.	National policy	Qualitative inventory | Policy framework	Not a new VGF allocation	Indian offshore wind development	MNRE nodal ministry; NIWE nodal agency	MNRE; NIWE	https://mnre.gov.in/en/off-shore-wind/	AR027 | AR 2025-26 p.53, §4.1.8. Policy distinct from VGF projects and lease rules already present.
Offshore wind	Strategy for Establishment of Offshore Wind Energy Projects	Sets development and procurement routes for offshore projects.	Strategy	Qualitative inventory | Project development framework	Not awarded capacity	Offshore developers / procurers	Model-specific surveys, seabed access and procurement	MNRE; NIWE; SECI	https://mnre.gov.in/en/off-shore-wind/	AR028 | AR 2025-26 p.53, §4.1.8. Distinct development models; do not count indicative zones as commissioned projects.
Hybrid power	ISTS-connected wind-solar hybrid deployment scheme	Procures hybrid power through competitive bidding.	Legacy deployment scheme	Qualitative inventory | Historical tender programme	Not adding tender capacity as installed capacity	Selected ISTS hybrid projects	SECI tariff-based procurement	MNRE; SECI	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR029 | AR 2025-26 p.58, §4.2.3. Separate from the overarching hybrid policy already present.
Wind procurement	Tariff-based bidding guidelines — wind power	Standardises competitive procurement and contractual risk sharing.	Procurement guidelines	Qualitative inventory | Procurement framework	Not a deployment target	Grid-connected wind power procurement	Competitive bids; tariff adoption	MoP; procurers; SERCs / CERC	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR030 | AR 2025-26 p.50, §4.1.5. Related MoP instrument; amendments and tender terms control.
Hybrid procurement	Tariff-based bidding guidelines — wind-solar hybrid	Standardises procurement of hybrid power.	Procurement guidelines	Qualitative inventory | Procurement framework	Not a deployment target	Grid-connected wind-solar hybrid procurement	Competitive bids and approved contracts	MoP; REIAs; commissions	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR031 | AR 2025-26 p.59, §4.2.3. Procurement definition must not be confused with the hybrid-policy definition.
Green hydrogen	SIGHT — electrolyser manufacturing	Incentivises domestic electrolyser manufacturing.	SIGHT component guidelines	Qualitative inventory | Award-specific incentive route	Not adding unverified tranche awards or incentive rates	Selected electrolyser manufacturers	SECI competitive allocation	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR032 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Green hydrogen	SIGHT — hydrogen production Mode 1	Incentivises competitively selected green hydrogen production.	SIGHT component guidelines	Qualitative inventory | Award-specific incentive route	Not adding unverified tranche awards or incentive rates	Selected green hydrogen producers	SECI production incentive bids	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR033 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	SIGHT — green ammonia Mode 2A	Aggregates green ammonia demand from fertiliser buyers.	SIGHT component guidelines	Qualitative inventory | Award-specific incentive route	Not adding unverified tranche awards or incentive rates	Selected green ammonia suppliers / fertiliser buyers	SECI procurement / supply contracts	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR034 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	SIGHT — refinery hydrogen Mode 2B	Supports green hydrogen supply to refineries.	SIGHT component guidelines	Qualitative inventory | Award-specific incentive route	Not adding unverified tranche awards or incentive rates	Selected producers / oil marketing company refineries	Buyer-led competitive procurement	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR035 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	NGHM — Steel pilot projects	Demonstrates hydrogen substitution in steelmaking.	Sector pilot guidelines	Quantified; cross-checked | Project-specific; stated approval period FY2029-30	₹455 crore approved sector outlay through FY2029-30	Approved pilot proponents	Implementing-agency call and sanctioned pilots	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR036 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — Road transport pilot projects	Demonstrates hydrogen vehicles and refuelling infrastructure.	Sector pilot guidelines	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	₹496 crore approved sector outlay through FY2025-26	Approved pilot proponents	Implementing-agency call and sanctioned pilots	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR037 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — Shipping pilot projects	Demonstrates hydrogen vessels and port refuelling.	Sector pilot guidelines	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	₹115 crore approved sector outlay through FY2025-26	Approved pilot proponents	Implementing-agency call and sanctioned pilots	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR038 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — HVIC and Green Hydrogen Hubs revised scheme	Supports clusters and preparation of hub development plans.	Revised scheme guidelines	Qualitative inventory | Call / sanction-specific	Not adding uncorroborated DPR caps or award totals	Eligible cluster consortia and hub proponents	Revised two-component call / selection route	MNRE; designated implementing agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/202507151659052999.pdf	AR039 | AR 2025-26 p.62, §5.4. Refines existing broad hubs/pilots row; no second allocation of parent mission budget.
Green hydrogen	NGHM — innovative methods, pathways and applications	Supports pilots outside existing mission scheme coverage.	Scheme guidelines	Qualitative inventory | Call-specific support	Not adding unverified project assistance caps	Eligible innovators and project proponents	Guidelines and approved call selection	MNRE; implementing agencies	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR040 | AR 2025-26 p.127, §9.1.8.7. Separate guideline route; no automatic grant entitlement.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Green hydrogen	NGHM — startup pilot support	Supports new hydrogen production and application techniques.	Startup pilot scheme	Qualitative inventory | Call-specific support	Not adding unverified project caps	Eligible startups under notified conditions	NISE calls, appraisal and sanction	MNRE; NISE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/11/20241108456000928.pdf	AR041 | AR 2025-26 p.127, §9.1.8.7. NISE implementing agency; calls and project approvals govern access.
Green hydrogen	NGHM — testing facilities, standards and regulatory support	Builds test infrastructure and supports regulatory development.	Testing scheme guidelines	Quantified; cross-checked | Sanction / call-specific	₹200 crore approved component outlay	Eligible testing institutions and infrastructure proponents	Approved calls and institutional support	MNRE; NISE	https://mnre.gov.in/en/notice/nghm-testing-scheme/	AR042 | AR 2025-26 p.63, §5.7. Outlay, sanctions and releases remain distinct.
Green hydrogen	NGHM — Research and Development scheme	Supports mission-oriented hydrogen research and innovation.	R&D scheme guidelines	Quantified; cross-checked | Research call / sanction-specific	₹400 crore approved R&D allocation	Eligible academic, research and industry proponents	Competitive R&D calls and appraisal	MNRE; designated implementing agencies	https://mnre.gov.in/en/notice/scheme-guidelines-for-the-implementation-of-rd-scheme-under-the-national-green-hydrogen-mission/	AR043 | AR 2025-26 p.63, §5.8. Mission component allocation, not cumulative disbursement.
Green hydrogen	NGHM — skill development	Supports hydrogen-sector skilling, upskilling and reskilling.	Skill development guidelines	Qualitative inventory | Training call-specific	Not adding single-source trainee or qualification counts	Training agencies and hydrogen value-chain workforce	MNRE / MSDE coordination and approved calls	MNRE; MSDE; implementing agencies	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR044 | AR 2025-26 p.63, §5.5. Counts in report are dated achievements, not ongoing entitlements.
Hydrogen standards	Green Hydrogen Standard and Certification Scheme of India	Verifies renewable origin and production emissions.	Standard and certification scheme	Qualitative inventory | Certification / compliance framework	Not adding unverified exemption thresholds	Hydrogen producers within scheme applicability	BEE accreditation and verified certification through portal	MNRE; BEE	https://mnre.gov.in/en/notice/green-hydrogen-certification-scheme-of-india/	AR045 | AR 2025-26 p.63, §5.6. Certification does not substitute statutory plant clearances; current GHG accounting guidance also applies.
Hydrogen safety	Regulations, Codes and Standards / National Hydrogen Safety Panel	Coordinates hydrogen safety and standards development.	Institutional safety framework	Qualitative inventory | Standards coordination	Not adding single-source standards count	Hydrogen value-chain stakeholders	BIS / sector regulator standards and safety advice	MNRE; BIS; OISD; PESO; PNGRB	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR046 | AR 2025-26 p.67, §5.9; 5.12. Panel advises; specific regulator requirements control. Not a separate subsidy.
Bioenergy	Biogas Programme — small and medium plants	Supports biogas for clean cooking, power and thermal use.	NBP Phase I component	Quantified; cross-checked | Approved phase elapsed; liabilities	Small: 1–25 m^3/day; medium: above 25–2,500 m^3/day	Eligible households / institutions and programme agencies	Biogas portal, State programme agencies and verification	MNRE; programme implementing agencies	https://biogas.mnre.gov.in/downloads	AR047 | AR 2025-26 p.68, §6.1. CFA varies by size and beneficiary; no single generic subsidy assumed.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Bioenergy	Biomass Programme — briquettes and pellets	Supports densified biomass fuel manufacturing.	NBP Phase I component / revised guidelines	Quantified; cross-checked | Approved phase elapsed; funding constrained	Briquettes: ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets: ₹21 lakh/MTPH, cap ₹105 lakh; torrefied: ₹42 lakh/MTPH, cap ₹210 lakh	Eligible new biomass fuel manufacturing plants	BioUrja application and sanctioned CFA	MNRE; IREDA; State agencies	https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf https://biourja.mnre.gov.in/about-the-programme	AR048 | AR 2025-26 p.72, §6.2.3. Pellets: lower of rate and 30% eligible plant/machinery cost; revised rate applies to post-OM applications. Phase approval elapsed; portal funding constraint applies. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Biomass Programme — non-bagasse cogeneration	Supports biomass cogeneration in industry.	NBP Phase I component	Quantified; cross-checked | Approved phase elapsed; funding constrained	₹40 lakh/MW; cap ₹5 crore per project	Eligible non-bagasse industrial cogeneration	BioUrja; in-principle sanction and performance checks	MNRE; IREDA; State agencies	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	AR049 | AR 2025-26 p.72, §6.2.3. Bagasse cogeneration excluded; report p.72 corroborates rate/cap; later sector clarifications apply. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Waste to Energy Programme — biogas / BioCNG / power / gasifiers	Supports energy recovery from eligible wastes and residues.	NBP Phase I component	Quantified; cross-checked | Approved phase elapsed; funding constrained	BioCNG: ₹4 crore/4,800 kg/day new or ₹3 crore existing, cap ₹10 crore; biogas power: ₹0.75 crore/MW new or ₹0.5 crore existing, cap ₹5 crore	Eligible urban, industrial and agricultural waste projects	BioUrja in-principle sanction; IREDA appraisal and inspection	MNRE; IREDA	https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	AR050 | AR 2025-26 p.74, §6.3.3. MSW/RDF thermal power excluded by portal. CFA depends on eligibility and performance; no fresh funding inferred. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Small hydro	Ladakh Renewable Energy Initiative (LREI)	Supports designated renewable projects in Ladakh.	Legacy regional initiative	Qualitative inventory | Legacy programme	Not adding uncorroborated scheme totals	Sanctioned Ladakh renewable / hydro projects	Regional agencies implement sanctioned works	MNRE; Ladakh agencies	https://ladakhenergy.org/projects/lrei/	AR051 | AR 2025-26 p.77, §6.4. Distinct from the current nationwide SHP Development Scheme already tracked.
Geothermal	National Policy on Geothermal Energy	Enables exploration, development and direct-use geothermal applications.	National policy	Qualitative inventory | Policy framework	Not a verified deployment target or universal VGF rate	Geothermal power, direct heat and ground-source systems	Resource assessment, pilots and enabling coordination	MNRE; State authorities	https://mnre.gov.in/en/notice/national-policy-on-geothermal-energy/	AR052 | AR 2025-26 p.92, §7.1.8. Policy does not itself make theoretical resource potential installed capacity.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
RE innovation	RE-RTD — startup incubation support call	Supports renewable energy startup incubation.	Call under RE-RTD	Qualitative inventory | Historical call; status depends on current notice	Not adding unverified grant caps	Eligible incubation agencies and startups	Competitive call; appraisal and sanctioned support	MNRE; research institutions	https://mnre.gov.in/en/notice/call-for-proposal-cfp-to-support-start-up-incubation-in-the-renewable-energy-sector/	AR053 | AR 2025-26 p.96, §7.1.10. Implementation of existing RE-RTD parent; not a new permanent grant window.
Circular economy	Innovation Challenge for Circularity — batteries and solar PV	Funds research into recovery and reuse of renewable technologies.	Competitive R&D call	Qualitative inventory | Historical call closed	Not a standing CFA rate	Eligible research / industry / startup consortia	RE-RTD proposal appraisal	MNRE	https://mnre.gov.in/en/notice/call-for-proposals-on-innovation-challenge-for-circularity-in-renewable-energy-technologies-batteries-and-solar-photovoltaic/	AR054 | AR 2025-26 p.107, §7.5. Extended application deadline 1-Aug-2025 elapsed; avoid live-call inference.
Solar standards	Solar Systems, Devices and Components Goods Order 2025	Requires specified solar goods to meet notified standards.	Quality Control Order	Quantified; cross-checked | Compliance framework	Inverters >200 kW: conditional self-certification through 31-Dec-2026 or further orders, whichever earlier	Notified PV modules, inverters and storage batteries	BIS registration; notified standards and exemptions	MNRE; BIS	https://mnre.gov.in/en/lab-policy-standard-quality-control-documents/	AR055 | AR 2025-26 p.104, §7.4.1. Latest exemption requires valid matching IEC certificates and accredited lab reports; modules, batteries and smaller inverters are outside this extension.
Solar thermal standards	Solar Thermal Systems, Devices and Components QCO 2024	Requires notified solar thermal products to meet standards.	Quality Control Order	Qualitative inventory | Compliance framework	Not a subsidy or deployment target	Notified collectors and water-heating systems	BIS certification and applicable exemptions	MNRE; BIS	https://www.bis.gov.in/wp-content/uploads/2024/10/Solar-Thermal-Systems-Devices-and-Components-QCO-2024.pdf	AR056 | AR 2025-26 p.106, §7.4.3. Separate Glass Evacuated Solar Collector Tubes are outside this QCO; notified All Glass Evacuated Tubes Solar Water Heating Systems remain distinct.
RE imports	Renewable Energy Equipment Import Monitoring System (REEIMS)	Registers notified equipment imports for monitoring.	DGFT notification / MNRE portal	Qualitative inventory | Import compliance framework	Not a manufacturing capacity target	Specified notified solar / wind equipment imports	Importer registration before customs clearance as notified	DGFT; MNRE; customs	https://mnre.gov.in/en/notice/monitoring-of-the-import-of-renewable-energy-components-through-renewable-energy-equipment-import-monitoring-system-reeims/	AR057 | AR 2025-26 p.107, §7.4. Correct notification number is 40/2025-26; report has a typographical 2025-56 reference.
Battery manufacturing	National Programme on ACC Battery Storage — PLI	Incentivises domestic advanced chemistry cell manufacturing.	MHI PLI scheme	Quantified; cross-checked | Related-ministry manufacturing scheme	50 GWh manufacturing target; ₹18,100 crore approved outlay	Selected ACC manufacturers	MHI competitive allocation and performance incentives	Ministry of Heavy Industries	https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage	AR058 | AR 2025-26 p.103, §7.3.9. Manufacturing capacity; not grid BESS installations. Report earmarking / awarded balance not added without later verification.
Storage procurement	Firm and Dispatchable RE with ESS — bidding guidelines	Standardises procurement of dispatchable renewable power.	MoP procurement guidelines	Qualitative inventory | Related-ministry procurement framework	Not a deployed storage capacity target	RE plus storage projects / procurers	Competitive bids and electricity-supply contracts	MoP; REIAs; State utilities	https://powermin.gov.in/	AR059 | AR 2025-26 p.103, §7.3.9. Contracted delivery profile and tender terms govern; separate from BESS VGF.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Pumped storage	Guidelines to Promote Development of Pump Storage Projects	Enables pumped storage development and project approvals.	MoP guidelines	Qualitative inventory | Related-ministry policy framework	Not an approved capacity award	Pumped storage project developers	State allocation, clearances and project-specific implementation	MoP; States; CEA	https://powermin.gov.in/	AR060 | AR 2025-26 p.103, §7.3.9. Existing ESO / ISTS rows retained; this is the underlying development guideline.
Hydro infrastructure	Budgetary Support for Enabling Infrastructure in Hydro Projects	Supports eligible infrastructure for hydro and pumped storage.	MoP budgetary support scheme	Qualitative inventory | Related-ministry infrastructure scheme	Not adding a single-source outlay	Eligible hydro projects including PSPs	Project appraisal and approved infrastructure support	MoP; implementing agencies	https://powermin.gov.in/	AR061 | AR 2025-26 p.103, §7.3.9. Report mentions an allocation; withheld here pending two-source confirmation.
Grid planning	CEA advisory on co-locating ESS with solar	Advises solar tenders to incorporate co-located storage.	CEA advisory	Qualitative inventory | Related-agency advisory	Not adding uncorroborated minimum ratios	REIAs and State utilities	Incorporate advisory through tender conditions	CEA; REIAs; State utilities	https://cea.nic.in/	AR062 | AR 2025-26 p.103, §7.3.9. Advisory is not by itself a universal legal storage obligation.
Infrastructure planning	PM Gati Shakti — MNRE planning integration	Maps renewable infrastructure for coordinated planning.	National Master Plan	Qualitative inventory | Related-ministry planning platform	Not a subsidy or generation target	Infrastructure planning agencies	GIS mapping and inter-ministry coordination	DPIIT; MNRE; implementing agencies	https://pmgatishakti.gov.in/	AR063 | AR 2025-26 p.108, §7.6. MNRE participation in national planning framework; no separate consumer grant.
Grid planning	State Resource Adequacy Planning guidelines	Requires structured assessment of electricity resource sufficiency.	MoP guidelines / electricity rules	Qualitative inventory | Related-ministry planning framework	Not a project capacity award	States, DISCOMs and electricity regulators	CEA / State adequacy studies and regulatory planning	MoP; CEA; SERCs; DISCOMs	https://cea.nic.in/	AR064 | AR 2025-26 p.109, §7.6.3. Planning adequacy is distinct from installed generation and national targets.
Skills	Suryamitra Skill Development Programme	Solar PV technician training.	HRD short-term training programme	Qualitative inventory | Institution / batch-specific	Not adding uncorroborated trainee targets or achievements	Eligible trainees and approved training centres	Nodal institute / approved training batches	MNRE; NISE	https://mnre.gov.in/en/skill-development-programme/	AR065 | AR 2025-26 p.157, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Varunmitra Skill Development Programme	Solar water-pumping technician training.	HRD short-term training programme	Qualitative inventory | Institution / batch-specific	Not adding uncorroborated trainee targets or achievements	Eligible trainees and approved training centres	Nodal institute / approved training batches	MNRE; NISE	https://mnre.gov.in/en/skill-development-programme/	AR066 | AR 2025-26 p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Vayumitra Skill Development Programme	Wind plant technician and wind farm engineer training.	HRD short-term training programme	Qualitative inventory | Institution / batch-specific	Not adding uncorroborated trainee targets or achievements	Eligible trainees and approved training centres	Nodal institute / approved training batches	MNRE; NIWE	https://mnre.gov.in/en/skill-development-programme/	AR067 | AR 2025-26 p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Skills	Jal-Urjamitra Skill Development Programme	Small hydro operation and maintenance training.	HRD short-term training programme	Qualitative inventory | Institution / batch-specific	Not adding uncorroborated trainee targets or achievements	Eligible trainees and approved training centres	Nodal institute / approved training batches	MNRE; IIT Roorkee	https://mnre.gov.in/en/skill-development-programme/	AR068 | AR 2025-26 p.160, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Jaiv Urja Mitra Skill Development Programme	Bioenergy supply-chain and plant technician training.	HRD short-term training programme	Qualitative inventory | Institution / batch-specific	Not adding uncorroborated trainee targets or achievements	Eligible trainees and approved training centres	Nodal institute / approved training batches	MNRE; SSS-NIBE	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2211203	AR069 | AR 2025-26 p.156, §10.2.1. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Human resources	National Renewable Energy Fellowship (NREF)	Supports higher study and research in renewable energy.	HRD component	Qualitative inventory | Institution / call-specific	Not adding superseded stipend or grant rates	Selected scholars and eligible institutions	Approved HRD programme / institutional selection	MNRE; institutions	https://mnre.gov.in/en/fellowships-in-higher-studies-and-research/	AR070 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Laboratory upgradation / education infrastructure	Supports renewable energy teaching and research infrastructure.	HRD component	Qualitative inventory | Institution / call-specific	Not adding superseded stipend or grant rates	Eligible higher educational institutions	Approved HRD programme / institutional selection	MNRE; institutions	https://mnre.gov.in/en/support-to-laboratory-upgradation/	AR071 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Renewable Energy Chair	Supports specialist renewable energy academic capacity.	HRD component	Qualitative inventory | Institution / call-specific	Not adding superseded stipend or grant rates	Selected higher educational institutions	Approved HRD programme / institutional selection	MNRE; institutions	https://mnre.gov.in/en/renewable-energy-chair-2/	AR072 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	National Renewable Energy Internship (NREI)	Provides renewable energy ministry internship opportunities.	HRD component	Qualitative inventory | Institution / call-specific	Not adding superseded stipend or grant rates	Eligible students / scholars under current notice	Approved HRD programme / institutional selection	MNRE; institutions	https://mnre.gov.in/en/national-renewable-energy-internship-programme-2/	AR073 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Short-term RE training and capacity building	Supports approved renewable energy short courses.	HRD component	Qualitative inventory | Institution / call-specific	Not adding superseded stipend or grant rates	Eligible training organisations and participants	Approved HRD programme / institutional selection	MNRE; institutions	https://mnre.gov.in/en/hrd-schemes/	AR074 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Awareness	Information and Public Awareness Programme (I&PA)	Communicates renewable energy schemes and public benefits.	MNRE outreach programme	Qualitative inventory | Programme framework	Not a capacity target	Public and renewable energy stakeholders	Government media and approved outreach activities	MNRE	https://www.mnreda.gov.in/publicawareness.html	AR075 | AR 2025-26 p.155, §10.1. Separate from PM Surya Ghar awareness component.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Legacy solar	NSM Phase II — first VGF batch	Legacy solar viability-gap funding liabilities.	Legacy NSM scheme	Qualitative inventory | Legacy liabilities; no fresh window inferred	Not adding annexure disbursement amounts	Previously approved projects	SECI / IREDA legacy claim administration	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	AR076 | AR 2025-26 p.196, §Annexure. Listed because report records releases under Table 7; do not double-count releases as new approved outlay.
Legacy solar	NSM Phase II — subsequent VGF batch	Legacy solar viability-gap funding liabilities.	Legacy NSM scheme	Qualitative inventory | Legacy liabilities; no fresh window inferred	Not adding annexure disbursement amounts	Previously approved projects	SECI / IREDA legacy claim administration	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	AR077 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 8; do not double-count releases as new approved outlay.
Legacy solar	Solar demonstration GBI scheme	Legacy solar generation incentive liabilities.	Legacy NSM scheme	Qualitative inventory | Legacy liabilities; no fresh window inferred	Not adding annexure disbursement amounts	Previously approved projects	SECI / IREDA legacy claim administration	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	AR078 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 9; do not double-count releases as new approved outlay.
Legacy solar	Rooftop PV and Small Solar Power Generation Programme (RPSSGP)	Legacy small grid-connected solar generation support.	Legacy NSM scheme	Qualitative inventory | Legacy liabilities; no fresh window inferred	Not adding annexure disbursement amounts	Previously approved projects	SECI / IREDA legacy claim administration	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	AR079 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 10; do not double-count releases as new approved outlay.
Solar mission	Jawaharlal Nehru National Solar Mission (JNNSM)	Provides the historical umbrella for national solar deployment.	National mission	Quantified; cross-checked | Historical target period elapsed	100 GW solar target by 2022	National solar deployment	Legacy NSM instruments and later successor schemes	MNRE	https://www.pib.gov.in/newsite/PrintRelease.aspx?relid=122567	AR080 | AR 2025-26 p.35, §3.3. Historical mission target; do not substitute for current non-fossil national target.
Solar procurement	Tariff-based bidding guidelines — solar power	Standardises grid-connected solar electricity procurement.	MoP procurement guidelines	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Procurers and grid-connected solar projects	Applicable central instrument and implementation conditions	MoP; procurers; commissions	https://powermin.gov.in/	AR081 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Consumer rights	Electricity (Rights of Consumers) Rules — rooftop solar	Provides central consumer and rooftop connection protections.	Electricity rules and amendments	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Eligible electricity consumers	Applicable central instrument and implementation conditions	MoP; SERCs; DISCOMs	https://powermin.gov.in/	AR082 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Payment discipline	Electricity Late Payment Surcharge and Related Matters Rules	Regulates delayed payments and associated power-supply restrictions.	Electricity rules	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	DISCOMs and generators	Applicable central instrument and implementation conditions	MoP; utilities; generators	https://powermin.gov.in/	AR083 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Payment security	Letter of Credit / advance-payment dispatch security	Links dispatch to applicable payment security requirements.	MoP orders	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Generators, DISCOMs and load dispatch centres	Applicable central instrument and implementation conditions	MoP; system operators	https://powermin.gov.in/	AR084 | AR 2025-26 p.53, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Power markets	Green Term Ahead Market (GTAM) / Green Day Ahead Market (GDAM)	Enables exchange trading of renewable electricity.	Electricity-market framework	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Eligible exchange participants	Applicable central instrument and implementation conditions	MoP; CERC; power exchanges	https://powermin.gov.in/	AR085 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Investment	FDI automatic route for renewable energy	Enables foreign investment subject to notified conditions.	DPIIT FDI policy	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Eligible renewable energy businesses	Applicable central instrument and implementation conditions	DPIIT; MNRE	https://dpiit.gov.in/	AR086 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Taxation	GST reform for renewable energy equipment	Changes tax treatment for notified renewable energy goods.	GST notifications	Qualitative inventory | Related-ministry enabling framework	Not adding unverified rates or thresholds	Notified equipment and classified supplies	Applicable central instrument and implementation conditions	GST Council; CBIC	https://cbic-gst.gov.in/	AR087 | AR 2025-26 p.19, §3.1.8. Official report establishes inclusion; detailed current legal text controls applicability.
Bioenergy / related ministry	SATAT — Sustainable Alternative Towards Affordable Transportation	Develops compressed biogas supply through buyer-led procurement.	MoPNG initiative	Qualitative inventory | Related-ministry initiative	Not adding uncorroborated plant targets	CBG developers and oil / gas marketing companies	Procurement arrangements and eligible project support	MoPNG; OMCs	https://mopng.gov.in/	AR088 | AR 2025-26 p.140, §9.3. MNRE WTE CFA and MoPNG supply arrangements are distinct; no duplicate CBG allocation.
Biomass / related ministry	SAMARTH National Biomass Mission	Promotes biomass use in thermal power generation.	MoP mission	Qualitative inventory | Related-ministry initiative	Not adding unverified co-firing ratios	Thermal power plants and biomass suppliers	Fuel supply and applicable co-firing instructions	MoP; thermal utilities	https://samarth.powermin.gov.in/	AR089 | AR 2025-26 p.140, §9.3. Distinct from MNRE support for manufacturing briquettes and pellets.

Sector	Policy / scheme area	What it does	Instrument	Classification	Actual numeric target / support	Applicability	Implementation route	Responsible body	Official source	Interpretation note
Residential solar	PM Surya Ghar — special-category State / UT CFA	Applies higher notified residential rooftop subsidy rates.	Residential CFA guidelines	Quantified; cross-checked | Current scheme; eligibility-specific	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; calculated cap ₹85,800; eligible RWA common facilities ₹19,800/kWp	Notified special category States/UTs	Portal application, domestic-content compliance and DISCOM verification	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240702176803548 4.pdf	AR090 | AR 2025-26 p.15, §3.1.5(a). Special list: Uttarakhand, Himachal Pradesh, J&K, Ladakh, North East including Sikkim, A&N and Lakshadweep. ₹85,800 calculated as 2×₹33,000+₹19,800. RWA capacity cap / conditions same as existing row.
Legacy rooftop solar	Grid Connected Rooftop Solar Programme — Phase II	Maintains treatment of earlier rooftop solar commitments.	Legacy programme subsumed in PM Surya Ghar	Qualitative inventory | Subsumed; legacy claims under original rules	Not a second budget to add to PM Surya Ghar	Previously allocated / approved Phase II installations	Original Phase II CFA rules; releases from successor scheme budget	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240702176803548 4.pdf	AR091 | AR 2025-26 p.14, §3.1. Legacy sanctions retain their applicable CFA structure; no fresh parallel Phase II entitlement inferred.

SHEET 5 OF 8

Financial Support

Financial Support and Incentives

Central CFA | VGF | Production incentives | Concessional finance | R&D support

Every amount is tied to a specific scheme, beneficiary and approval route. Approved outlay, award, sanctioned support, disbursement and private investment are different stages and remain separate.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Residential household — general States	PM Surya Ghar CFA	Rooftop solar for an individual household	₹30,000/kWp for first 2 kWp + ₹18,000 for next 1 kWp; maximum ₹78,000	Quantified CFA	Eligible grid-connected residential consumer	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	General-State CFA rates. Special category States/UTs receive higher notified rates; see separate special-category entry. Portal and DISCOM verification required. Implementation period ends 31-Mar-2027.
GHS / RWA	PM Surya Ghar common-facility CFA	Common facilities including EV charging	₹18,000/kWp up to 500 kWp, subject to 3 kWp per house	Quantified CFA	Eligible group housing / RWA	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/2025070816909642 95.pdf	Existing individual systems affect the common cap. Implementation period ends 31-Mar-2027.
PM Surya Ghar ecosystem	Scheme outlay	Residential rooftop programme	₹75,021 crore through FY2026-27	Quantified outlay	Scheme components	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	Outlay is not expenditure incurred.
Residential borrower	Concessional rooftop loan	Collateral-free finance reported by Parliament	Repo rate + 50 bps; 5.75% stated at 24-Jul-2026; 10-year tenure	Quantified finance term	Participating-bank approval	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	Rate can change with the repo rate.
Farmers / pump users	PM-KUSUM CFA	Stand-alone pumps and pump solarisation	Central subsidy up to 30% or 50% of eligible cost	Component- and location-specific	State allocation and beneficiary eligibility	https://pmkusum.mnre.gov.in/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Original scheme target period ended 31-Mar-2026. Component CFA remains subject to eligible allocations / commitments and scheme conditions; eligible Component A/C financial closure due 30-Nov-2026. State share, loan and beneficiary share apply. Completion by 31-Mar-2027 requires PPA/NTP by 31-Dec-2025; individual SCOD and sanction terms still apply.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
DISCOM	PM-KUSUM Component-A PBI	Purchase of decentralised renewable power	₹0.40/kWh or ₹6.60 lakh/MW/year, lower, for five years	Quantified incentive	Eligible Component-A procurement	https://pmkusum.mnre.gov.in/	Only eligible Component-A projects under the applicable extension. Financial closure due 30-Nov-2026 for eligible Component A/C projects; PBI remains subject to scheme and procurement terms.
Solar park developer	Solar Parks CFA	Shared park infrastructure	Up to ₹20 lakh/MW or 30% of project cost, lower	Quantified CFA	MNRE-approved solar park	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/	For previously approved parks. Fresh approvals only through 31-Mar-2026; qualifying ongoing parks / liabilities continue through 31-Mar-2029. Milestone-based release.
Government producer	CPSU Phase-II VGF	Domestic-content solar for government use	₹8,580 crore approved scheme outlay	Quantified outlay	Eligible PSU / government entity and allocation	https://mnre.gov.in/en/central-public-sector-undertaking-cpsu-scheme-phase-ii-government-producer-scheme-for-setting-up-12000-mw-grid-connected-solar-photovoltaic-pv-power-projects-by-the-government-producers-with-vi/	Project VGF follows the applicable allocation.
PV manufacturer	Solar PV PLI	High-efficiency integrated manufacturing	₹24,000 crore across two tranches	Quantified outlay	Selected beneficiary meeting production conditions	https://mnre.gov.in/en/production-linked-incentive-pli/	Incentive depends on eligible sales and performance.
Offshore wind developer / ports	Offshore Wind VGF	First 1 GW projects and port upgrades	₹6,853 crore for projects + ₹600 crore for ports	Quantified VGF	Selected Gujarat / Tamil Nadu projects and two ports	https://pib.gov.in/PressReleasePage.aspx?PRID=2026700	Competitive award and milestones apply.
Green-hydrogen ecosystem	National mission outlay	Production, electrolysers, pilots, hubs and R&D	₹19,744 crore	Quantified outlay	Mission components	https://mnre.gov.in/en/hydrogen-overview/	Not a general entitlement.
Electrolyser / hydrogen bidder	SIGHT allocation	Manufacturing and production incentives	₹17,490 crore	Quantified allocation	Successful competitive award	https://mnre.gov.in/en/national-green-hydrogen-mission/	Award-specific quantities and milestones.
Small-hydro developer	SHP project support	CFA for eligible 1–25 MW projects	₹2,532.60 crore project-CFA component within ₹2,584.60 crore scheme	Quantified scheme allocation	Construction commencement and scheme eligibility	https://nrep.mnre.gov.in/guidelines-shp	SECI is national implementing agency.
State transmission utility	GEC Phase-II CFA	Intra-State transmission for RE integration	33% CFA: ₹3,970.34 crore of ₹12,031.33 crore project cost	Quantified CFA	Selected STUs and sanctioned assets	https://mnre.gov.in/en/gec-phase-ii/	Balance 67% arranged by STU / finance.
BESS procurer	First BESS VGF	Large-scale storage procurement	₹3,760 crore for 13.22 GWh; ₹27 lakh/MWh reference	Quantified VGF	Approved projects and scheme terms	https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	Capacity under implementation.
State / NTPC BESS	PSDF BESS VGF	Second storage support scheme	₹5,400 crore for 30 GWh; ₹18 lakh/MWh	Quantified VGF	Allocated capacity and procurement	https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	Award and commissioning remain separate.
Research institution	RE-RTD support	Renewable-energy R&D	Up to 100% support for government / non-profit research bodies	Quantified support ceiling	Approved proposal and milestones	https://pib.gov.in/PressReleasePage.aspx?PRID=1947474	Current 2026-31 approval governs calls.
Industry / start-up	RE-RTD support	Industry-led technology development	Up to 70% support	Quantified support ceiling	Approved private-sector proposal	https://pib.gov.in/PressReleasePage.aspx?PRID=1947474	Balance funding and IP conditions apply.
Bioenergy / CBG ecosystem	Programme transition	NBP Phase-I and new GOBARdhan framework	NBP-I ₹998 crore approved outlay; period elapsed; GOBARdhan ₹23,731 crore FY2026-27 to FY2035-36	Elapsed MNRE programme; live MoPNG scheme	Instrument-specific eligibility	https://mnre.gov.in/en/bio-energy-overview/ https://www.pmindia.gov.in/en/news_updates/cabinet-approves-gobardhan-indias-national-unified-scheme-for-compressed-biogas-with-an-outlay-of-rs-23731-crore/	NBP initial ₹858 crore + ₹140 crore supplement sanctioned 16-Sep-2025. No automatic migration of pending MNRE applications to MoPNG scheme.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Residential solar	PM Surya Ghar — DISCOM incentives	Rewards incremental residential rooftop deployment.	₹4,950 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	DISCOMs / electricity departments	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718649275406.pdf	REC / SIA implementation under component guidelines. AR001 | AR 2025-26 p.15, §3.1.3–3.1.5. Incentive is performance-based; component of existing ₹75,021 crore scheme.
Residential solar	PM Surya Ghar — Model Solar Village	Supports a demonstration village in each district.	₹800 crore; ₹1 crore CFA per selected village	Quantified; cross-checked | Current parent scheme; approval-specific	Selected villages; competitive district selection	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/08/20240809984319 10.pdf	REC / SIA implementation under component guidelines. AR002 | AR 2025-26 p.16, §3.1.3–3.1.5. Selection, State implementation and approved village action plan required.
Residential solar	PM Surya Ghar — Incentives to local bodies	Rewards local mobilisation for rooftop installations.	₹1,000 crore; ₹1,000 per eligible installation	Quantified; cross-checked | Current parent scheme; approval-specific	Urban local bodies and Panchayati Raj institutions	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718995101679.pdf	REC / SIA implementation under component guidelines. AR003 | AR 2025-26 p.16, §3.1.3–3.1.5. Count only residential installations for which consumer CFA was transferred.
Residential solar	PM Surya Ghar — RESCO / utility-led aggregation and payment security	Enables third-party ownership and utility aggregation.	₹100 crore payment-security corpus	Quantified; cross-checked | Current parent scheme; approval-specific	Eligible residential RTS under RESCO / ULA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/12/20241230101814137.pdf	REC / SIA implementation under component guidelines. AR004 | AR 2025-26 p.16, §3.1.3–3.1.5. Consumer CFA and PSM are separate; storage receives no additional residential CFA.
Residential solar	PM Surya Ghar — Innovative projects	Supports pilots for new rooftop business and technology models.	₹500 crore component outlay; support up to 60% project cost or ₹30 crore, whichever lower	Quantified; cross-checked | Current parent scheme; approval-specific	Eligible innovators under approved calls	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009118859 1907.pdf	REC / SIA implementation under component guidelines. AR005 | AR 2025-26 p.16, §3.1.3–3.1.5. Call-specific approval; not an automatic consumer subsidy.
Residential solar	PM Surya Ghar — Capacity building	Supports skilling and institutional implementation capacity.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	Approved training agencies and implementation bodies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718172825 1154.pdf	REC / SIA implementation under component guidelines. AR006 | AR 2025-26 p.16, §3.1.3–3.1.5. Component allocation; not training completed or employment achieved.
Residential solar	PM Surya Ghar — Awareness and outreach	Supports consumer education and mobilisation.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	National and State implementing agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240722865406813.pdf	REC / SIA implementation under component guidelines. AR007 | AR 2025-26 p.16, §3.1.3–3.1.5. Allocated communication budget; not additional residential CFA.
Residential solar	PM Surya Ghar — Service charges	Funds scheme administration and verification services.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	National / State implementing agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009200479 6556.pdf	REC / SIA implementation under component guidelines. AR008 | AR 2025-26 p.16, §3.1.3–3.1.5. Administration allocation within the parent scheme; not a household entitlement.
Tribal solar	New Solar Power Scheme — Tribal / PVTG households	Provides off-grid electricity where grid connection is infeasible.	1 lakh HHs; 0.3 kW systems; ₹500 crore; ₹50,000/HH or actual cost	Quantified; cross-checked | Household approval period elapsed; liabilities	MoTA-identified unelectrified Tribal / PVTG households	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	State nodal agency proposals and MNRE sanction. AR011 | AR 2025-26 p.44, §3.11. Stated household period FY2023-24–FY2025-26; no general renewal inferred.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Tribal solar	New Solar Power Scheme — Multi-Purpose Centres	Provides solar lighting for PVTG community centres.	1,500 MPCs; ₹15 crore; ₹1 lakh/MPC	Quantified; cross-checked | Centre approval period elapsed; liabilities	PVTG MPCs without feasible grid supply	https://mnre.gov.in/en/notice/new-solar-power-scheme-for-pvtg-habitation-villages-under-pm-janman/	SNA proposals and MNRE sanction. AR012 | AR 2025-26 p.44, §3.11. FY2023-24–FY2025-26 component; separate from public institutions.
Tribal solar	New Solar Power Scheme — public institutions	Solarises public institutions in eligible tribal areas.	2,000 institutions; ₹400 crore; ₹1 lakh/kW	Quantified; cross-checked | Approved through FY2028-29	Eligible public institutions without feasible grid supply	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	State nodal agency proposals and MNRE sanction. AR013 | AR 2025-26 p.44, §3.11. ₹515 crore is household plus MPC scope only; expanded three-component outlay totals ₹915 crore.
Solar demonstration	Solarisation of Konark Sun Temple and town	Integrates grid solar and off-grid demonstration applications.	10 MW grid solar; about ₹25 crore CFA	Quantified; cross-checked | Project implementation; not open national CFA	Konark Sun Temple and Konark town, Odisha	https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=1625340	OREDA project implementation. AR014 | AR 2025-26 p.41, §3.5. AR reports off-grid applications commissioned; grid project under implementation at report cut-off.
Solar plus storage	Taru, Leh solar-storage project under J&K PMDP	Supports a designated solar-storage project.	₹250 crore sanctioned support; 50 MWh storage	Quantified; cross-checked | Project-specific implementation	Taru, Leh, Ladakh	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/07/2023071274.pdf	SECI EPC implementation. AR015 | AR 2025-26 p.41, §3.6. AC rating differs: 20 MW in older report versus 25 MW in 2025-26 report. AC rating withheld pending sanction amendment; financial support and storage agree.
Defence solar	Solarisation of BSF Forward Defence Locations	Provides off-grid solar for designated BSF locations.	115 FDLs; 1.21 MWp; ₹16.73 crore CFA	Quantified; cross-checked | Legacy project; stated completion period elapsed	BSF Jammu and Kashmir Frontier	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/04/20250416715431493.pdf	BSF procurement and sanctioned project implementation. AR018 | AR 2025-26 p.43, §3.10. Completion extension was up to Aug-2025; latest AR completion count omitted without same-date corroboration.
Transmission	Green Energy Corridor — Ladakh ISTS	Creates evacuation infrastructure for Ladakh renewable projects.	13 GW RE integration; ₹20,773.70 crore project cost; 40% CFA (₹8,309.48 crore); FY2029-30	Quantified; cross-checked | Approved; report records FEED / review	Ladakh RE projects and national grid	https://www.pib.gov.in/PressReleasePage.aspx?PRID=1968733	POWERGRID transmission implementation. AR021 | AR 2025-26 p.46, §3.12.3. Transmission integration scope; not installed RE capacity or an extra InSTS GEC-II allocation.
Green hydrogen	NGHM — Steel pilot projects	Demonstrates hydrogen substitution in steelmaking.	₹455 crore approved sector outlay through FY2029-30	Quantified; cross-checked | Project-specific; stated approval period FY2029-30	Approved pilot proponents	https://mnre.gov.in/en/national-green-hydrogen-mission/	Implementing-agency call and sanctioned pilots. AR036 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — Road transport pilot projects	Demonstrates hydrogen vehicles and refuelling infrastructure.	₹496 crore approved sector outlay through FY2025-26	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	Approved pilot proponents	https://mnre.gov.in/en/national-green-hydrogen-mission/	Implementing-agency call and sanctioned pilots. AR037 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Green hydrogen	NGHM — Shipping pilot projects	Demonstrates hydrogen vessels and port refuelling.	₹115 crore approved sector outlay through FY2025-26	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	Approved pilot proponents	https://mnre.gov.in/en/national-green-hydrogen-mission/	Implementing-agency call and sanctioned pilots. AR038 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — testing facilities, standards and regulatory support	Builds test infrastructure and supports regulatory development.	₹200 crore approved component outlay	Quantified; cross-checked | Sanction / call-specific	Eligible testing institutions and infrastructure proponents	https://mnre.gov.in/en/notice/nghm-testing-scheme/	Approved calls and institutional support. AR042 | AR 2025-26 p.63, §5.7. Outlay, sanctions and releases remain distinct.
Green hydrogen	NGHM — Research and Development scheme	Supports mission-oriented hydrogen research and innovation.	₹400 crore approved R&D allocation	Quantified; cross-checked | Research call / sanction-specific	Eligible academic, research and industry proponents	https://mnre.gov.in/en/notice/scheme-guidelines-for-the-implementation-of-rd-scheme-under-the-national-green-hydrogen-mission/	Competitive R&D calls and appraisal. AR043 | AR 2025-26 p.63, §5.8. Mission component allocation, not cumulative disbursement.
Bioenergy	Biomass Programme — briquettes and pellets	Supports densified biomass fuel manufacturing.	Briquettes: ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets: ₹21 lakh/MTPH, cap ₹105 lakh; torrefied: ₹42 lakh/MTPH, cap ₹210 lakh	Quantified; cross-checked | Approved phase elapsed; funding constrained	Eligible new biomass fuel manufacturing plants	https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf https://biourja.mnre.gov.in/about-the-programme	BioUrja application and sanctioned CFA. AR048 | AR 2025-26 p.72, §6.2.3. Pellets: lower of rate and 30% eligible plant/machinery cost; revised rate applies to post-OM applications. Phase approval elapsed; portal funding constraint applies. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Biomass Programme — non-bagasse cogeneration	Supports biomass cogeneration in industry.	₹40 lakh/MW; cap ₹5 crore per project	Quantified; cross-checked | Approved phase elapsed; funding constrained	Eligible non-bagasse industrial cogeneration	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	BioUrja; in-principle sanction and performance checks. AR049 | AR 2025-26 p.72, §6.2.3. Bagasse cogeneration excluded; report p.72 corroborates rate/cap; later sector clarifications apply. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Waste to Energy Programme — biogas / BioCNG / power / gasifiers	Supports energy recovery from eligible wastes and residues.	BioCNG: ₹4 crore/4,800 kg/day new or ₹3 crore existing, cap ₹10 crore; biogas power: ₹0.75 crore/MW new or ₹0.5 crore existing, cap ₹5 crore	Quantified; cross-checked | Approved phase elapsed; funding constrained	Eligible urban, industrial and agricultural waste projects	https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	BioUrja in-principle sanction; IREDA appraisal and inspection. AR050 | AR 2025-26 p.74, §6.3.3. MSW/RDF thermal power excluded by portal. CFA depends on eligibility and performance; no fresh funding inferred. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Battery manufacturing	National Programme on ACC Battery Storage — PLI	Incentivises domestic advanced chemistry cell manufacturing.	50 GWh manufacturing target; ₹18,100 crore approved outlay	Quantified; cross-checked | Related-ministry manufacturing scheme	Selected ACC manufacturers	https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage	MHI competitive allocation and performance incentives. AR058 | AR 2025-26 p.103, §7.3.9. Manufacturing capacity; not grid BESS installations. Report earmarking / awarded balance not added without later verification.

Beneficiary / sector	Support	Provision	Actual numeric support / period	Classification	Eligibility / trigger	Official source	Implementation note
Residential solar	PM Surya Ghar — special-category State / UT CFA	Applies higher notified residential rooftop subsidy rates.	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; calculated cap ₹85,800; eligible RWA common facilities ₹19,800/kWp	Quantified; cross-checked | Current scheme; eligibility-specific	Notified special category States/UTs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/2024070217680354 84.pdf	Portal application, domestic-content compliance and DISCOM verification. AR090 | AR 2025-26 p.15, §3.1.5(a). Special list: Uttarakhand, Himachal Pradesh, J&K, Ladakh, North East including Sikkim, A&N and Lakshadweep. ₹85,800 calculated as 2×₹33,000+₹19,800. RWA capacity cap / conditions same as existing row.

SHEET 6 OF 8

Grid & Metering

Grid, Open Access and Market Frameworks

GEOA | RCO | Storage obligations | ISTS treatment | National-State boundary

Most grid charges, banking rules and procedures are implemented by State commissions and utilities. This sheet records central minimum frameworks and dated national waivers without assuming a uniform State-level rate.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
GEOA framework	National rules enable green open access, subject to State implementation.	Rules notified 6-Jun-2022 and amended	Eligible consumers	GEOA Rules	MoP; SERCs	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNykTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003	State regulations determine operating details.
GEOA threshold	Contract demand may be aggregated within the same electricity division.	100 kW or more	Green-energy consumer	GEOA Rules	SERC; DISCOM	https://powermin.gov.in/static/uploads/2025/08/5804f7f17e764f9ba1951183379b8e31.pdf https://powermin.gov.in/sites/default/files/Electricity_Amendment_Rules_2026_alongwith_Explanatory_Note.pdf	Captive users are also governed by the Electricity Rules, as amended 13-Mar-2026; specified provisions took effect 01-Apr-2026.
Application timeline	The nodal agency processes a complete green-open-access application.	15 days under central rules	Applicant	GEOA Rules	Central / State nodal agency	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNykTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003	State procedure and completeness apply.
Banking	Banking is permitted subject to commission regulations.	At least monthly accounting basis	Eligible GEOA user	GEOA Rules	SERC; SLDC; DISCOM	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNykTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003	Charges and settlement are State-specific.
Open-access charges	The framework identifies applicable charge categories.	Transmission, wheeling, CSS, standby and banking	GEOA transaction	GEOA Rules	SERC; utilities	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNykTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003	No uniform rupee rate is inferred nationally.
RCO legal basis	The revised framework applies under the Energy Conservation Act.	Notification dated 27-Sep-2025	Designated consumers	Revised RCO notification	MoP; BEE; State agencies	https://powermin.gov.in/documents/orders-and-notices/new-notices-orders-cDO4QjMtQWa?pageTitle=Current-Notices%2FOrders	Supersedes the October 2023 notification.
RCO transition	State-level RPO targets are subsumed in the unified framework.	One national compliance architecture	Designated consumers	Revised RCO framework	MoP; MNRE recommendation	https://pib.gov.in/PressReleasePage.aspx?PRID=2250039&lang=2&reg=48	Avoid double-counting RPO and RCO.
RCO FY2026-27	Minimum renewable share of electricity consumption.	35.95% total	Designated consumers	RCO trajectory	MoP; BEE	https://pib.gov.in/PressReleasePage.aspx?PRID=2004184	Technology-category rules apply.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
RCO FY2027-28	Minimum renewable share of electricity consumption.	38.81% total	Designated consumers	RCO trajectory	MoP; BEE	https://pib.gov.in/PressReleasePage.aspx?PRID=2004184	Compliance may use permitted certificates / routes.
RCO FY2028-29	Minimum renewable share of electricity consumption.	41.36% total	Designated consumers	RCO trajectory	MoP; BEE	https://pib.gov.in/PressReleasePage.aspx?PRID=2004184	Latest notification controls category details.
RCO FY2029-30	Minimum renewable share of electricity consumption.	43.33% total	Designated consumers	RCO trajectory	MoP; BEE	https://pib.gov.in/PressReleasePage.aspx?PRID=2004184	Not an installed-capacity percentage.
Distributed RE share	The RCO framework has a distributed-renewable category.	4.50% in FY2029-30	Designated consumers	RCO trajectory	MoP; BEE	https://pib.gov.in/PressReleasePage.aspx?PRID=2004184	Category definition follows the live notification.
Storage obligation	The national trajectory increases the share met through storage.	4% by FY2029-30	Obligated entities	RPO / ESO order	MoP; SERCs	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/	Energy share, not BESS installed capacity.
Storage asset status	BESS may be procured for generation, transmission, distribution and ancillary uses.	Application-specific	Utilities / system operators	National ESS framework	MoP; CERC; SERCs	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/	Revenue and regulatory treatment depend on use.
BESS planning need	CEA's NEP identifies future power and energy capacity.	47.24 GW / 236 GWh by 2031-32	National planning	National Electricity Plan	CEA; MoP	https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	Planning requirement, not commissioned capacity.
BESS VGF portfolio	Two schemes support early deployment.	About 43 GWh in aggregate	Approved scheme capacity	MoP VGF schemes	MoP; States; NTPC	https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	13.22 GWh and 30 GWh remain separate tranches.
ISTS—solar and wind	The base 100% waiver cut-off has elapsed, with tapering / approved extensions.	Base cut-off 30-Jun-2025	Qualifying inter-State projects	MoP waiver orders	MoP; CERC; CTU	https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	Project-specific eligibility must be checked.
ISTS—co-located BESS	The full waiver extends to qualifying co-located storage.	Commissioned by 30-Jun-2028	Qualifying BESS	MoP order 10-Jun-2025	MoP; CTU	https://mnre.gov.in/en/document/waiver-of-inter-state-transmission-charges-for-energy-storage-systems-ess/ https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	Conditions in the order apply.
ISTS—PSP	The full waiver applies to qualifying pumped storage.	Construction awarded by 30-Jun-2028	Qualifying PSP	MoP / CERC framework	MoP; CERC; CTU	https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	25-year treatment follows the applicable notification.
ISTS—offshore wind	Offshore projects receive long-duration waiver support.	Projects commissioned by 31-Dec-2032; 25 years	Qualifying offshore wind	MoP order	MoP; CTU	https://www.pib.gov.in/PressReleaseIframePage.aspx?PRID=1928128	Separate from VGF eligibility.
ISTS—green hydrogen / ammonia	Waiver eligibility supports renewable power used for production.	Eligible projects to 31-Dec-2030	Qualifying GH2 / ammonia projects	MoP order	MoP; CTU	https://www.pib.gov.in/PressReleaseIframePage.aspx?PRID=1928128	Check connectivity and consumption conditions.
National / State boundary	Central rules set the framework; State commissions set many implementation rates and procedures.	Instrument-specific	Projects and consumers	Electricity Act framework	MoP; CERC; SERCs	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNvkTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003 https://powermin.gov.in/documents/orders-and-notices/new-notices-orders-cDO4QjMtQWa?pageTitle=Current-Notices%2FOrders	This sheet does not substitute State regulations.
One Sun One World One Grid (OSOWOG)	Studies international renewable-electricity interconnection.	Not commissioned capacity or a subsidy target	Cross-border electricity cooperation	International initiative	MNRE; ISA; MoP	https://mnre.gov.in/en/international-relations/	AR019 | AR 2025-26 p.41, §3.7. Study, roadmap and cooperation; no deployment commitment inferred.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Green Energy Corridor — Intra-State Phase I	Strengthens State networks for renewable power evacuation.	Not adding uncorroborated revised physical totals	Participating State transmission utilities	Infrastructure scheme	MNRE; STUs	https://mnre.gov.in/en/green-energy-corridor/	AR020 | AR 2025-26 p.45, §3.12.1. Separate from InSTS GEC-II already tracked; actual completion is not the original target.
Green Energy Corridor — Ladakh ISTS	Creates evacuation infrastructure for Ladakh renewable projects.	13 GW RE integration; ₹20,773.70 crore project cost; 40% CFA (₹8,309.48 crore); FY2029-30	Ladakh RE projects and national grid	Cabinet-approved project	MNRE; MoP; POWERGRID	https://www.pib.gov.in/PressReleasePage.aspx?PRID=1968733	AR021 | AR 2025-26 p.46, §3.12.3. Transmission integration scope; not installed RE capacity or an extra InSTS GEC-II allocation.
Tariff-based bidding guidelines — wind power	Standardises competitive procurement and contractual risk sharing.	Not a deployment target	Grid-connected wind power procurement	Procurement guidelines	MoP; procurers; SERCs / CERC	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR030 | AR 2025-26 p.50, §4.1.5. Related MoP instrument; amendments and tender terms control.
Tariff-based bidding guidelines — wind-solar hybrid	Standardises procurement of hybrid power.	Not a deployment target	Grid-connected wind-solar hybrid procurement	Procurement guidelines	MoP; REIAs; commissions	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR031 | AR 2025-26 p.59, §4.2.3. Procurement definition must not be confused with the hybrid-policy definition.
Firm and Dispatchable RE with ESS — bidding guidelines	Standardises procurement of dispatchable renewable power.	Not a deployed storage capacity target	RE plus storage projects / procurers	MoP procurement guidelines	MoP; REIAs; State utilities	https://powermin.gov.in/	AR059 | AR 2025-26 p.103, §7.3.9. Contracted delivery profile and tender terms govern; separate from BESS VGF.
Guidelines to Promote Development of Pump Storage Projects	Enables pumped storage development and project approvals.	Not an approved capacity award	Pumped storage project developers	MoP guidelines	MoP; States; CEA	https://powermin.gov.in/	AR060 | AR 2025-26 p.103, §7.3.9. Existing ESO / ISTS rows retained; this is the underlying development guideline.
CEA advisory on co-locating ESS with solar	Advises solar tenders to incorporate co-located storage.	Not adding uncorroborated minimum ratios	REIAs and State utilities	CEA advisory	CEA; REIAs; State utilities	https://cea.nic.in/	AR062 | AR 2025-26 p.103, §7.3.9. Advisory is not by itself a universal legal storage obligation.
PM Gati Shakti — MNRE planning integration	Maps renewable infrastructure for coordinated planning.	Not a subsidy or generation target	Infrastructure planning agencies	National Master Plan	DPIIT; MNRE; implementing agencies	https://pmgatishakti.gov.in/	AR063 | AR 2025-26 p.108, §7.6. MNRE participation in national planning framework; no separate consumer grant.
State Resource Adequacy Planning guidelines	Requires structured assessment of electricity resource sufficiency.	Not a project capacity award	States, DISCOMs and electricity regulators	MoP guidelines / electricity rules	MoP; CEA; SERCs; DISCOMs	https://cea.nic.in/	AR064 | AR 2025-26 p.109, §7.6.3. Planning adequacy is distinct from installed generation and national targets.
Tariff-based bidding guidelines — solar power	Standardises grid-connected solar electricity procurement.	Not adding unverified rates or thresholds	Procurers and grid-connected solar projects	MoP procurement guidelines	MoP; procurers; commissions	https://powermin.gov.in/	AR081 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Electricity (Rights of Consumers) Rules — rooftop solar	Provides central consumer and rooftop connection protections.	Not adding unverified rates or thresholds	Eligible electricity consumers	Electricity rules and amendments	MoP; SERCs; DISCOMs	https://powermin.gov.in/	AR082 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.

Topic	Provision	Numeric term / period	Applies to	Governing instrument	Responsible body	Official source	Implementation note
Electricity Late Payment Surcharge and Related Matters Rules	Regulates delayed payments and associated power-supply restrictions.	Not adding unverified rates or thresholds	DISCOMs and generators	Electricity rules	MoP; utilities; generators	https://powermin.gov.in/	AR083 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Letter of Credit / advance-payment dispatch security	Links dispatch to applicable payment security requirements.	Not adding unverified rates or thresholds	Generators, DISCOMs and load dispatch centres	MoP orders	MoP; system operators	https://powermin.gov.in/	AR084 | AR 2025-26 p.53, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
Green Term Ahead Market (GTAM) / Green Day Ahead Market (GDAM)	Enables exchange trading of renewable electricity.	Not adding unverified rates or thresholds	Eligible exchange participants	Electricity-market framework	MoP; CERC; power exchanges	https://powermin.gov.in/	AR085 | AR 2025-26 p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.

SHEET 7 OF 8

MNRE Schemes

MNRE Schemes and Central Programmes

Live schemes, elapsed target periods and related central enabling programmes

> *Scheme pages can remain online after a target period ends. This tracker labels the stated period and does not infer an extension unless an official amendment is identified.*

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Residential solar	PM Surya Ghar: Muft Bijli Yojana	Residential rooftop solar	1 crore households; ₹75,021 crore through FY2026-27	Live quantified scheme	MNRE; REC; DISCOMs	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/	48,21,986 households benefited at 24-Jul-2026.
Agricultural solar	PM-KUSUM	Decentralised plants, pumps and feeder solarisation	34.8 GW target by Mar-2026; ₹34,422 crore support	Eligible PPAs/NTPs by 31-Dec-2025 may complete through 31-Mar-2027; financial closure for eligible Component A and C projects by 30-Nov-2026	MNRE; State agencies	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Historical 12.164 GW at 28-Feb-2026 retained. Individual SCOD, contract and sanction validity still apply; no general fresh-sanction window.
Utility solar	Solar Parks / Ultra Mega Solar	Shared land and evacuation infrastructure	40 GW approved scope; completion / liabilities through 31-Mar-2029	Ongoing parks extended; fresh-approval deadline elapsed	MNRE; SECI; SPPDs	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/	OM 17-Sep-2025; fresh approvals only through 31-Mar-2026. Approved scope is not commissioned capacity.
Government solar	CPSU Scheme Phase-II	DCR-compliant solar for government use	12 GW; ₹8,580 crore VGF	Quantified scheme	MNRE; SECI	https://mnre.gov.in/en/central-public-sector-undertaking-cpsu-scheme-phase-ii-government-producer-scheme-for-setting-up-12000-mw-grid-connected-solar-photovoltaic-pv-power-projects-by-the-government-producers-with-vi/	Allocation-specific implementation.
Small hydro	SHP Development Scheme 2026-31	New 1–25 MW projects and DPR support	About 1.5 GW; ₹2,584.60 crore	Live quantified scheme	MNRE; SECI	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/05/202605151467413059.pdf	Construction and eligibility conditions apply. Construction must start after 18-Mar-2026. Fresh applications close 31-Dec-2030. Pre-sanction starts must apply within 3 months; the transitional window ended 15-Aug-2026. First CFA instalment requires a State/DISCOM PPA of at least 15 years and progress/security conditions.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Green hydrogen	National Green Hydrogen Mission	Production, electrolysers, hubs, pilots and R&D	5 MMT/year by 2030; ₹19,744 crore	Live quantified mission	MNRE; SECI	https://mnre.gov.in/en/hydrogen-overview/	Associated RE requirement is about 125 GW.
Manufacturing	Solar PV PLI and ALMM	Domestic manufacturing incentives and approved-product framework	₹24,000 crore PLI; ALMM list-based compliance	Live programme and quality framework	MNRE	https://mnre.gov.in/en/production-linked-incentive-pli/ https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/	Manufacturing GW is not generation capacity.
Transmission / storage	GEC-II and BESS enabling schemes	RE evacuation and firming	GEC: about 20 GW integration; BESS VGF: about 43 GWh	Live central programmes	MNRE / MoP / STUs	https://mnre.gov.in/en/gec-phase-ii/ https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	Ownership and implementation stages are separated.
Innovation and skills	RE-RTD and HRD programmes	Research, demonstrations, training and workforce development	FY2026-27 to FY2030-31 approvals	Live programme frameworks	MNRE; institutes	https://mnre.gov.in/en/notice/administrative-approval-for-continuation-of-renewable-energy-research-and-technology-development-programme-re-rtd-in-the-16th-finance-cycle-fc-period-from-2026-27-to-2030-31/ https://hrd.mnre.gov.in/hrd-file/hrd/notification/HRD_Scheme_2026_2031.pdf	Call-specific eligibility applies. Named HRD sub-programmes appended. Current HRD approval also covers virtual learning and an employer-connection platform; see Sources.
Residential solar	PM Surya Ghar — DISCOM incentives	Rewards incremental residential rooftop deployment.	₹4,950 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718649275406.pdf	AR001 | AR 2025-26 p.15, §3.1.3–3.1.5. Incentive is performance-based; component of existing ₹75,021 crore scheme.
Residential solar	PM Surya Ghar — Model Solar Village	Supports a demonstration village in each district.	₹800 crore; ₹1 crore CFA per selected village	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/08/20240809984319 10.pdf	AR002 | AR 2025-26 p.16, §3.1.3–3.1.5. Selection, State implementation and approved village action plan required.
Residential solar	PM Surya Ghar — Incentives to local bodies	Rewards local mobilisation for rooftop installations.	₹1,000 crore; ₹1,000 per eligible installation	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718995101679.pdf	AR003 | AR 2025-26 p.16, §3.1.3–3.1.5. Count only residential installations for which consumer CFA was transferred.
Residential solar	PM Surya Ghar — RESCO / utility-led aggregation and payment security	Enables third-party ownership and utility aggregation.	₹100 crore payment-security corpus	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/12/20241230101814137.pdf	AR004 | AR 2025-26 p.16, §3.1.3–3.1.5. Consumer CFA and PSM are separate; storage receives no additional residential CFA.
Residential solar	PM Surya Ghar — Innovative projects	Supports pilots for new rooftop business and technology models.	₹500 crore component outlay; support up to 60% project cost or ₹30 crore, whichever lower	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009118859 1907.pdf	AR005 | AR 2025-26 p.16, §3.1.3–3.1.5. Call-specific approval; not an automatic consumer subsidy.
Residential solar	PM Surya Ghar — Capacity building	Supports skilling and institutional implementation capacity.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718172825 1154.pdf	AR006 | AR 2025-26 p.16, §3.1.3–3.1.5. Component allocation; not training completed or employment achieved.
Residential solar	PM Surya Ghar — Awareness and outreach	Supports consumer education and mobilisation.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240722865406813.pdf	AR007 | AR 2025-26 p.16, §3.1.3–3.1.5. Allocated communication budget; not additional residential CFA.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Residential solar	PM Surya Ghar — Service charges	Funds scheme administration and verification services.	₹657 crore component outlay	Quantified; cross-checked | Current parent scheme; approval-specific	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/20241009200479655 6.pdf	AR008 | AR 2025-26 p.16, §3.1.3–3.1.5. Administration allocation within the parent scheme; not a household entitlement.
Government solar	Rooftop solar saturation of government buildings	Coordinates rooftop deployment on public buildings.	Not a separate verified CFA amount	Qualitative inventory | Implementation programme	MNRE; government departments	https://mnre.gov.in/en/grid-connected-solar-rooftop-programme/	AR010 | AR 2025-26 p.18, §3.1.6. Report states no CFA for government-sector buildings; do not apply household subsidy.
Tribal solar	New Solar Power Scheme — Tribal / PVTG households	Provides off-grid electricity where grid connection is infeasible.	1 lakh HHs; 0.3 kW systems; ₹500 crore; ₹50,000/HH or actual cost	Quantified; cross-checked | Household approval period elapsed; liabilities	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	AR011 | AR 2025-26 p.44, §3.11. Stated household period FY2023-24–FY2025-26; no general renewal inferred.
Tribal solar	New Solar Power Scheme — Multi-Purpose Centres	Provides solar lighting for PVTG community centres.	1,500 MPCs; ₹15 crore; ₹1 lakh/MPC	Quantified; cross-checked | Centre approval period elapsed; liabilities	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/new-solar-power-scheme-for-pvtg-habitation-villages-under-pm-janman/	AR012 | AR 2025-26 p.44, §3.11. FY2023-24–FY2025-26 component; separate from public institutions.
Tribal solar	New Solar Power Scheme — public institutions	Solarises public institutions in eligible tribal areas.	2,000 institutions; ₹400 crore; ₹1 lakh/kW	Quantified; cross-checked | Approved through FY2028-29	MNRE; MoTA; State agencies	https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/	AR013 | AR 2025-26 p.44, §3.11. ₹515 crore is household plus MPC scope only; expanded three-component outlay totals ₹915 crore.
Solar demonstration	Solarisation of Konark Sun Temple and town	Integrates grid solar and off-grid demonstration applications.	10 MW grid solar; about ₹25 crore CFA	Quantified; cross-checked | Project implementation; not open national CFA	MNRE; OREDA	https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=1625340	AR014 | AR 2025-26 p.41, §3.5. AR reports off-grid applications commissioned; grid project under implementation at report cut-off.
Solar plus storage	Taru, Leh solar-storage project under J&K PMDP	Supports a designated solar-storage project.	₹250 crore sanctioned support; 50 MWh storage	Quantified; cross-checked | Project-specific implementation	MNRE; SECI	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/07/2023071274.pdf	AR015 | AR 2025-26 p.41, §3.6. AC rating differs: 20 MW in older report versus 25 MW in 2025-26 report. AC rating withheld pending sanction amendment; financial support and storage agree.
Off-grid solar	Off-Grid and Decentralised Solar PV Applications — Phase III	Historically supported standalone lighting and solar applications.	Not an active subsidy window	Qualitative inventory | Closed; continuation not agreed	MNRE; State agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf	AR016 | AR 2025-26 p.43, §3.8. Closed in March 2021; do not present as fresh national off-grid CFA.
Defence solar	Solarisation of BSF Forward Defence Locations	Provides off-grid solar for designated BSF locations.	115 FDLs; 1.21 MWp; ₹16.73 crore CFA	Quantified; cross-checked | Legacy project; stated completion period elapsed	MNRE; BSF	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/04/20250416715431493.pdf	AR018 | AR 2025-26 p.43, §3.10. Completion extension was up to Aug-2025; latest AR completion count omitted without same-date corroboration.
Transmission	Green Energy Corridor — Intra-State Phase I	Strengthens State networks for renewable power evacuation.	Not adding uncorroborated revised physical totals	Qualitative inventory | Legacy implementation programme	MNRE; STUs	https://mnre.gov.in/en/green-energy-corridor/	AR020 | AR 2025-26 p.45, §3.12.1. Separate from InSTS GEC-II already tracked; actual completion is not the original target.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Transmission	Green Energy Corridor — Ladakh ISTS	Creates evacuation infrastructure for Ladakh renewable projects.	13 GW RE integration; ₹20,773.70 crore project cost; 40% CFA (₹8,309.48 crore); FY2029-30	Quantified; cross-checked | Approved; report records FEED / review	MNRE; MoP; POWERGRID	https://www.pib.gov.in/PressReleasePage.aspx?PRID=1968733	AR021 | AR 2025-26 p.46, §3.12.3. Transmission integration scope; not installed RE capacity or an extra InSTS GEC-II allocation.
Wind	Wind Generation-Based Incentive (GBI)	Services eligible legacy wind-generation incentive claims.	Not a fresh commissioning incentive	Qualitative inventory | Legacy entitlement / liabilities	MNRE; IREDA	https://mnre.gov.in/en/wind-policy-and-guidelines/	AR026 | AR 2025-26 p.51, §4.1.7. Report refers to projects commissioned by Mar-2017; no new-window inference.
Hybrid power	ISTS-connected wind-solar hybrid deployment scheme	Procures hybrid power through competitive bidding.	Not adding tender capacity as installed capacity	Qualitative inventory | Historical tender programme	MNRE; SECI	https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	AR029 | AR 2025-26 p.58, §4.2.3. Separate from the overarching hybrid policy already present.
Green hydrogen	SIGHT — electrolyser manufacturing	Incentivises domestic electrolyser manufacturing.	Not adding unverified tranche awards or incentive rates	Qualitative inventory | Award-specific incentive route	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR032 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	SIGHT — hydrogen production Mode 1	Incentivises competitively selected green hydrogen production.	Not adding unverified tranche awards or incentive rates	Qualitative inventory | Award-specific incentive route	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR033 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	SIGHT — green ammonia Mode 2A	Aggregates green ammonia demand from fertiliser buyers.	Not adding unverified tranche awards or incentive rates	Qualitative inventory | Award-specific incentive route	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR034 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	SIGHT — refinery hydrogen Mode 2B	Supports green hydrogen supply to refineries.	Not adding unverified tranche awards or incentive rates	Qualitative inventory | Award-specific incentive route	MNRE; SECI; designated procurers	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR035 | AR 2025-26 p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
Green hydrogen	NGHM — Steel pilot projects	Demonstrates hydrogen substitution in steelmaking.	₹455 crore approved sector outlay through FY2029-30	Quantified; cross-checked | Project-specific; stated approval period FY2029-30	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR036 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — Road transport pilot projects	Demonstrates hydrogen vehicles and refuelling infrastructure.	₹496 crore approved sector outlay through FY2025-26	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR037 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — Shipping pilot projects	Demonstrates hydrogen vessels and port refuelling.	₹115 crore approved sector outlay through FY2025-26	Quantified; cross-checked | Project-specific; stated approval period FY2025-26	MNRE; designated implementing agencies	https://mnre.gov.in/en/national-green-hydrogen-mission/	AR038 | AR 2025-26 p.62, §5.3. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
Green hydrogen	NGHM — HVIC and Green Hydrogen Hubs revised scheme	Supports clusters and preparation of hub development plans.	Not adding uncorroborated DPR caps or award totals	Qualitative inventory | Call / sanction-specific	MNRE; designated implementing agencies	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250715165905299.pdf	AR039 | AR 2025-26 p.62, §5.4. Refines existing broad hubs/pilots row; no second allocation of parent mission budget.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Green hydrogen	NGHM — innovative methods, pathways and applications	Supports pilots outside existing mission scheme coverage.	Not adding unverified project assistance caps	Qualitative inventory | Call-specific support	MNRE; implementing agencies	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR040 | AR 2025-26 p.127, §9.1.8.7. Separate guideline route; no automatic grant entitlement.
Green hydrogen	NGHM — startup pilot support	Supports new hydrogen production and application techniques.	Not adding unverified project caps	Qualitative inventory | Call-specific support	MNRE; NISE	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/11/20241108456000928.pdf	AR041 | AR 2025-26 p.127, §9.1.8.7. NISE implementing agency; calls and project approvals govern access.
Green hydrogen	NGHM — testing facilities, standards and regulatory support	Builds test infrastructure and supports regulatory development.	₹200 crore approved component outlay	Quantified; cross-checked | Sanction / call-specific	MNRE; NISE	https://mnre.gov.in/en/notice/nghm-testing-scheme/	AR042 | AR 2025-26 p.63, §5.7. Outlay, sanctions and releases remain distinct.
Green hydrogen	NGHM — Research and Development scheme	Supports mission-oriented hydrogen research and innovation.	₹400 crore approved R&D allocation	Quantified; cross-checked | Research call / sanction-specific	MNRE; designated implementing agencies	https://mnre.gov.in/en/notice/scheme-guidelines-for-the-implementation-of-rd-scheme-under-the-national-green-hydrogen-mission/	AR043 | AR 2025-26 p.63, §5.8. Mission component allocation, not cumulative disbursement.
Green hydrogen	NGHM — skill development	Supports hydrogen-sector skilling, upskilling and reskilling.	Not adding single-source trainee or qualification counts	Qualitative inventory | Training call-specific	MNRE; MSDE; implementing agencies	https://mnre.gov.in/en/hydrogen-schemes-guidelines/	AR044 | AR 2025-26 p.63, §5.5. Counts in report are dated achievements, not ongoing entitlements.
Bioenergy	Biogas Programme — small and medium plants	Supports biogas for clean cooking, power and thermal use.	Small: 1–25 m^3/day; medium: above 25–2,500 m^3/day	Quantified; cross-checked | Approved phase elapsed; liabilities	MNRE; programme implementing agencies	https://biogas.mnre.gov.in/downloads	AR047 | AR 2025-26 p.68, §6.1. CFA varies by size and beneficiary; no single generic subsidy assumed.
Bioenergy	Biomass Programme — briquettes and pellets	Supports densified biomass fuel manufacturing.	Briquettes: ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets: ₹21 lakh/MTPH, cap ₹105 lakh; torrefied: ₹42 lakh/MTPH, cap ₹210 lakh	Quantified; cross-checked | Approved phase elapsed; funding constrained	MNRE; IREDA; State agencies	https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf https://biourja.mnre.gov.in/about-the-programme	AR048 | AR 2025-26 p.72, §6.2.3. Pellets: lower of rate and 30% eligible plant/machinery cost; revised rate applies to post-OM applications. Phase approval elapsed; portal funding constraint applies. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Biomass Programme — non-bagasse cogeneration	Supports biomass cogeneration in industry.	₹40 lakh/MW; cap ₹5 crore per project	Quantified; cross-checked | Approved phase elapsed; funding constrained	MNRE; IREDA; State agencies	https://biourja.mnre.gov.in/scheme_highlights https://biourja.mnre.gov.in/about-the-programme	AR049 | AR 2025-26 p.72, §6.2.3. Bagasse cogeneration excluded; report p.72 corroborates rate/cap; later sector clarifications apply. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
Bioenergy	Waste to Energy Programme — biogas / BioCNG / power / gasifiers	Supports energy recovery from eligible wastes and residues.	BioCNG: ₹4 crore/4,800 kg/day new or ₹3 crore existing, cap ₹10 crore; biogas power: ₹0.75 crore/MW new or ₹0.5 crore existing, cap ₹5 crore	Quantified; cross-checked | Approved phase elapsed; funding constrained	MNRE; IREDA	https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/about-the-programme	AR050 | AR 2025-26 p.74, §6.3.3. MSW/RDF thermal power excluded by portal. CFA depends on eligibility and performance; no fresh funding inferred. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Small hydro	Ladakh Renewable Energy Initiative (LREI)	Supports designated renewable projects in Ladakh.	Not adding uncorroborated scheme totals	Qualitative inventory | Legacy programme	MNRE; Ladakh agencies	https://ladakhenergy.org/projects/lrei/	AR051 | AR 2025-26 p.77, §6.4. Distinct from the current nationwide SHP Development Scheme already tracked.
RE innovation	RE-RTD — startup incubation support call	Supports renewable energy startup incubation.	Not adding unverified grant caps	Qualitative inventory | Historical call; status depends on current notice	MNRE; research institutions	https://mnre.gov.in/en/notice/call-for-proposal-cfp-to-support-start-up-incubation-in-the-renewable-energy-sector/	AR053 | AR 2025-26 p.96, §7.1.10. Implementation of existing RE-RTD parent; not a new permanent grant window.
Circular economy	Innovation Challenge for Circularity — batteries and solar PV	Funds research into recovery and reuse of renewable technologies.	Not a standing CFA rate	Qualitative inventory | Historical call closed	MNRE	https://mnre.gov.in/en/notice/call-for-proposals-on-innovation-challenge-for-circularity-in-renewable-energy-technologies-batteries-and-solar-photovoltaic/	AR054 | AR 2025-26 p.107, §7.5. Extended application deadline 1-Aug-2025 elapsed; avoid live-call inference.
Battery manufacturing	National Programme on ACC Battery Storage — PLI	Incentivises domestic advanced chemistry cell manufacturing.	50 GWh manufacturing target; ₹18,100 crore approved outlay	Quantified; cross-checked | Related-ministry manufacturing scheme	Ministry of Heavy Industries	https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage	AR058 | AR 2025-26 p.103, §7.3.9. Manufacturing capacity; not grid BESS installations. Report earmarking / awarded balance not added without later verification.
Hydro infrastructure	Budgetary Support for Enabling Infrastructure in Hydro Projects	Supports eligible infrastructure for hydro and pumped storage.	Not adding a single-source outlay	Qualitative inventory | Related-ministry infrastructure scheme	MoP; implementing agencies	https://powermin.gov.in/	AR061 | AR 2025-26 p.103, §7.3.9. Report mentions an allocation; withheld here pending two-source confirmation.
Skills	Suryamitra Skill Development Programme	Solar PV technician training.	Not adding uncorroborated trainee targets or achievements	Qualitative inventory | Institution / batch-specific	MNRE; NISE	https://mnre.gov.in/en/skill-development-programme/	AR065 | AR 2025-26 p.157, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Varunmitra Skill Development Programme	Solar water-pumping technician training.	Not adding uncorroborated trainee targets or achievements	Qualitative inventory | Institution / batch-specific	MNRE; NISE	https://mnre.gov.in/en/skill-development-programme/	AR066 | AR 2025-26 p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Vayumitra Skill Development Programme	Wind plant technician and wind farm engineer training.	Not adding uncorroborated trainee targets or achievements	Qualitative inventory | Institution / batch-specific	MNRE; NIWE	https://mnre.gov.in/en/skill-development-programme/	AR067 | AR 2025-26 p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Skills	Jal-Urjamitra Skill Development Programme	Small hydro operation and maintenance training.	Not adding uncorroborated trainee targets or achievements	Qualitative inventory | Institution / batch-specific	MNRE; IIT Roorkee	https://mnre.gov.in/en/skill-development-programme/	AR068 | AR 2025-26 p.160, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Skills	Jaiv Urja Mitra Skill Development Programme	Bioenergy supply-chain and plant technician training.	Not adding uncorroborated trainee targets or achievements	Qualitative inventory | Institution / batch-specific	MNRE; SSS-NIBE	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2211203	AR069 | AR 2025-26 p.156, §10.2.1. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
Human resources	National Renewable Energy Fellowship (NREF)	Supports higher study and research in renewable energy.	Not adding superseded stipend or grant rates	Qualitative inventory | Institution / call-specific	MNRE; institutions	https://mnre.gov.in/en/fellowships-in-higher-studies-and-research/	AR070 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Laboratory upgradation / education infrastructure	Supports renewable energy teaching and research infrastructure.	Not adding superseded stipend or grant rates	Qualitative inventory | Institution / call-specific	MNRE; institutions	https://mnre.gov.in/en/support-to-laboratory-upgradation/	AR071 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Renewable Energy Chair	Supports specialist renewable energy academic capacity.	Not adding superseded stipend or grant rates	Qualitative inventory | Institution / call-specific	MNRE; institutions	https://mnre.gov.in/en/renewable-energy-chair-2/	AR072 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	National Renewable Energy Internship (NREI)	Provides renewable energy ministry internship opportunities.	Not adding superseded stipend or grant rates	Qualitative inventory | Institution / call-specific	MNRE; institutions	https://mnre.gov.in/en/national-renewable-energy-internship-programme-2/	AR073 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Human resources	Short-term RE training and capacity building	Supports approved renewable energy short courses.	Not adding superseded stipend or grant rates	Qualitative inventory | Institution / call-specific	MNRE; institutions	https://mnre.gov.in/en/hrd-schemes/	AR074 | AR 2025-26 p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
Awareness	Information and Public Awareness Programme (I&PA)	Communicates renewable energy schemes and public benefits.	Not a capacity target	Qualitative inventory | Programme framework	MNRE	https://www.mnreda.gov.in/publicawareness.html	AR075 | AR 2025-26 p.155, §10.1. Separate from PM Surya Ghar awareness component.
Legacy solar	NSM Phase II — first VGF batch	Legacy solar viability-gap funding liabilities.	Not adding annexure disbursement amounts	Qualitative inventory | Legacy liabilities; no fresh window inferred	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/202607231284014798.pdf	AR076 | AR 2025-26 p.196, §Annexure. Listed because report records releases under Table 7; do not double-count releases as new approved outlay.
Legacy solar	NSM Phase II — subsequent VGF batch	Legacy solar viability-gap funding liabilities.	Not adding annexure disbursement amounts	Qualitative inventory | Legacy liabilities; no fresh window inferred	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/202607231284014798.pdf	AR077 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 8; do not double-count releases as new approved outlay.
Legacy solar	Solar demonstration GBI scheme	Legacy solar generation incentive liabilities.	Not adding annexure disbursement amounts	Qualitative inventory | Legacy liabilities; no fresh window inferred	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/202607231284014798.pdf	AR078 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 9; do not double-count releases as new approved outlay.
Legacy solar	Rooftop PV and Small Solar Power Generation Programme (RPSSGP)	Legacy small grid-connected solar generation support.	Not adding annexure disbursement amounts	Qualitative inventory | Legacy liabilities; no fresh window inferred	MNRE; SECI; IREDA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/202607231284014798.pdf	AR079 | AR 2025-26 p.197, §Annexure. Listed because report records releases under Table 10; do not double-count releases as new approved outlay.

Sector	Scheme / framework	Coverage	Actual numeric support / period	Classification	Implementing body	Official source	Tracker use
Solar mission	Jawaharlal Nehru National Solar Mission (JNNSM)	Provides the historical umbrella for national solar deployment.	100 GW solar target by 2022	Quantified; cross-checked | Historical target period elapsed	MNRE	https://www.pib.gov.in/newsite/PrintRelease.aspx?relid=122567	AR080 | AR 2025-26 p.35, §3.3. Historical mission target; do not substitute for current non-fossil national target.
Bioenergy / related ministry	SATAT — Sustainable Alternative Towards Affordable Transportation	Develops compressed biogas supply through buyer-led procurement.	Not adding uncorroborated plant targets	Qualitative inventory | Related-ministry initiative	MoPNG; OMCs	https://mopng.gov.in/	AR088 | AR 2025-26 p.140, §9.3. MNRE WTE CFA and MoPNG supply arrangements are distinct; no duplicate CBG allocation.
Biomass / related ministry	SAMARTH National Biomass Mission	Promotes biomass use in thermal power generation.	Not adding unverified co-firing ratios	Qualitative inventory | Related-ministry initiative	MoP; thermal utilities	https://samarth.powermin.gov.in/	AR089 | AR 2025-26 p.140, §9.3. Distinct from MNRE support for manufacturing briquettes and pellets.
Legacy rooftop solar	Grid Connected Rooftop Solar Programme — Phase II	Maintains treatment of earlier rooftop solar commitments.	Not a second budget to add to PM Surya Ghar	Qualitative inventory | Subsumed; legacy claims under original rules	MNRE; REC; DISCOMs	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/2024070217680354 84.pdf	AR091 | AR 2025-26 p.14, §3.1. Legacy sanctions retain their applicable CFA structure; no fresh parallel Phase II entitlement inferred.

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Sources

Sources and Verification Register

Primary documents, authoritative datasets and explicit cross-checks used in this tracker

Official publications are listed with printed-page locators where available. Annual Report 2025–26 achievements generally run through 31-Dec-2025; monthly installed-capacity figures use their stated observation dates.

Category	Document / authority	What it verifies	Official link	Current status and source locator
National capacity baseline	MNRE Physical Achievements	Cumulative RE and non-fossil totals as at 30.09.2026; Total RE and Total Non-Fossil rows.	https://mnre.gov.in/en/physical-progress/	Cumulative progress at 30-Sep-2026; Total RE and Total Non-Fossil rows.
Capacity cross-check	CEA Installed Capacity, 31-Aug-2026	304,334 MW non-fossil and 54.88% share	https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	Non-fossil share of total installed capacity: 54.88% at 31-Aug-2026.
Capacity cross-check	MNRE / CEA reconciliation	247,181.86 MW RE excluding large hydro; 299,246.53 MW total RE as at 30-Sep-2026	https://mnre.gov.in/en/physical-progress/ https://cea.nic.in/wp-content/uploads/installed/2026/08/IC_Aug_2026.pdf	exact official reconciliation
Statistical context	MNRE Physical Achievements, 30-Sep-2026	308,026.53 MW total non-fossil as at 30-Sep-2026; CEA share separately dated 31-Aug-2026	https://mnre.gov.in/en/physical-progress/	Latest monthly capacity series; CEA share shown separately at 31-Aug-2026.
Annual review	MNRE Annual Report 2025-26	Programme and institutional context	https://mnre.gov.in/en/annual-report-2024-25/	Annual Report 2025-26; printed-page locators are retained in the source records. Report achievements generally run through 31-Dec-2025.
National commitment	India Updated NDC 2022	About 50% installed power capacity from non-fossil resources by 2030	https://unfccc.int/sites/default/files/NDC/2022-08/India%20Updated%20First%20Nationally%20Determined%20Contrib.pdf	locator: commitment paragraph 'about 50 percent cumulative electric power installed capacity'
National target	CEA transmission plan for over 500 GW	500 GW non-fossil planning basis	https://cea.nic.in/notification/transmission-plan-for-integration-of-over-500-gw-non-fossil-capacity-by-2030-2/?lang=en	locator: document title
Target arithmetic	Non-fossil progress calculation	308.02653 GW / 500 GW = 61.61%; balance 191.97347 GW	https://mnre.gov.in/en/physical-progress/ https://cea.nic.in/notification/transmission-plan-for-integration-of-over-500-gw-non-fossil-capacity-by-2030-2/?lang=en	Calculated from 30-Sep-2026 non-fossil capacity against the 500 GW target; scope unchanged.
PM Surya Ghar	MNRE residential CFA guidelines	CFA rates, eligibility and process	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/	locator: 'Central Financial Assistance to Residential Consumers'
PM Surya Ghar progress	Lok Sabha Starred Question 152, 29-Jul-2026	Households, systems, loans and implementation measures	https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	locator: pages 2-3, lines '48,21,986 households' and 'loan applications'
PM Surya Ghar cross-check	Guidelines versus parliamentary progress	Target and benefit rates separated from achieved household count	https://mnre.gov.in/en/notice/operational-guidelines-for-implementation-of-the-component-central-financial-assistance-to-residential-consumers-of-pm-surya-ghar-muft-bijli-yojana/ https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps	two primary sources

Category	Document / authority	What it verifies	Official link	Current status and source locator
PM-KUSUM	MNRE scheme page	34.8 GW target and ₹34,422 crore central support	https://mnre.gov.in/en/pradhan-mantri-kisan-urja-suraksha-evam-utthaan-mahabhiyaan-pm-kusum/ https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=203&docspid=41 https://apipmk.mnre.gov.in/api/Master_Document_Landing/SliderImage?docid=207&docspid=41	Original target: 34,800 MW by Mar-2026. Qualifying PPAs/NTPs by 31-Dec-2025 may complete through 31-Mar-2027; eligible Component A/C financial closure due 30-Nov-2026.
PM-KUSUM progress	Lok Sabha UQ 5297	12.164 GW installed at 28-Feb-2026	https://www.sansad.in/getFile/loksabhaquestions/annex/187/AU5297_LIRC2j.pdf?source=pqals	locator: reply paragraph 'total of 12.164 GW capacity'
PM-KUSUM portal	Official national portal	Live component dashboard and implementation route	https://pmkusum.mnre.gov.in/	primary portal
Solar parks	MNRE Solar Parks programme	New sanctions closed 31-Mar-2026; approved-park completion and committed liabilities through 31-Mar-2029	https://mnre.gov.in/en/development-of-solar-parks-and-ultra-mega-solar-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/2025091984030227.pdf	Official programme provisions checked 19-Oct-2026. OM 17-Sep-2025, paragraphs 2–3.
CPSU solar	MNRE CPSU Phase-II	12,000 MW and ₹8,580 crore VGF	https://mnre.gov.in/en/central-public-sector-undertaking-cpsu-scheme-phase-ii-government-producer-scheme-for-setting-up-12000-mw-grid-connected-solar-photovoltaic-pv-power-projects-by-the-government-producers-with-vi/	locator: scheme title and opening paragraph
Solar manufacturing	MNRE Solar PV PLI	₹24,000 crore outlay	https://mnre.gov.in/en/production-linked-incentive-pli/	locator: overview 'outlay of Rs. 24,000 crore'
ALMM	MNRE ALMM order, current module list and transition clarification	Current module List-I (16-Sep-2026); 30-Jul-2026 rescission of the earlier transition clarification	https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/ https://mnre.gov.in/en/approved-list-of-models-and-manufacturers-almm/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/09/202609161469951718.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/202607302135912169.pdf	Module List-I updated 16-Sep-2026. OM 30-Jul-2026 rescinded the 29-Mar-2024 transition clarification; remaining exemption requests are considered case by case.
ALMM cells	MNRE List-II rules and current 12th revision, dated 08-Oct-2026	Cell List-II current revision; limited window through 31-Dec-2026 for specified net-metering / open-access projects	https://mnre.gov.in/en/notice/almm-list-ii-for-solar-pv-cells-no-blanket-extension-subject-to-limited-window-till-31-12-2026-for-commissioning-net-metering-and-open-access-re-power-projects/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/10/202610091229460604.pdf	12th revision dated 08-Oct-2026. No blanket extension; specified net-metering and open-access projects may use the limited commissioning window through 31-Dec-2026.
Manufacturing cross-check	Rajya Sabha UQ 2694, 11-Aug-2026	About 213 GW modules and 32 GW cells at 4-Aug-2026	https://sansad.in/getFile/annex/271/AU2694_WAzoDH.pdf?source=pqars	locator: page 2, lines '213 GW' and '32 GW'
Wind	MNRE Wind Policies	Hybrid amendments and current policy index	https://mnre.gov.in/en/wind-policy-and-guidelines/	primary policy directory
Wind repowering	MNRE Repowering Policy 2023	Facilitative repowering framework	https://mnre.gov.in/en/notice/policy-for-repowering-of-the-wind-power-projects/	locator: 'Objective ... optimum utilisation'
Offshore wind	MNRE VGF guidelines	Project selection and scheme implementation	https://mnre.gov.in/en/notice/scheme-guidelines-for-implementation-of-vgf-scheme-for-offshore-wind-energy-projects/	locator: scheme title
Offshore cross-check	PIB Cabinet approval, 19-Jun-2024	1 GW and ₹7,453 crore split	https://pib.gov.in/PressReleasePage.aspx?PRID=2026700	locator: opening paragraph '₹6,853 crore' and '₹600 crore'
Small hydro	MNRE Administrative Approval, 15-May-2026	FY2026-27 to FY2030-31 live scheme	https://mnre.gov.in/en/notice/administrative-approval-for-implementation-of-small-hydro-power-shp-development-scheme-from-1-mw-to-25-mw-for-the-period-fy-2026-27-to-fy-2030-31/	locator: document title
Small hydro guidelines	MNRE / NREP operational guidelines	1,500 MW, ₹2,584.60 crore and component split	https://nrep.mnre.gov.in/guidelines-shp	locator: clauses 1.1 and 3
Small hydro cross-check	PIB Cabinet approval, 18-Mar-2026	1,500 MW and ₹2,584.60 crore	https://pib.gov.in/PressReleasePage.aspx?PRID=2241799&lang=1&reg=3	independent official confirmation
Green hydrogen	MNRE National Green Hydrogen Mission	Mission structure and implementation	https://mnre.gov.in/en/national-green-hydrogen-mission/	primary mission page

Category	Document / authority	What it verifies	Official link	Current status and source locator
Hydrogen figures	MNRE Hydrogen Overview	₹19,744 crore and 5 MMT/year	https://mnre.gov.in/en/hydrogen-overview/	locator: sentence 'outlay of Rs. 19,744 crores'
Bioenergy	MNRE National Bioenergy Programme overview	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://mnre.gov.in/en/bio-energy-overview/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/09/20250917176084455 8.pdf https://biourja.mnre.gov.in/about-the-programme	Phase-I ran 01-Apr-2021 to 31-Mar-2026. Supplementary ₹140 crore sanctioned 16-Sep-2025; total outlay ₹998 crore. Application closure/status checked 19-Oct-2026.
Bioenergy status	MNRE BioUrja portal	Phase-I ended 31-Mar-2026; biomass/WTE applications closed 31-Dec-2025; new submissions stopped; Phase-II budget conditions	https://biourja.mnre.gov.in/ https://biourja.mnre.gov.in/about-the-programme	Official programme provisions checked 19-Oct-2026. Phase I: 1-Apr-2021 to 31-Mar-2026. Biomass/WTE applications closed 31-Dec-2025; new submissions stopped until further notice.
CBG related scheme	PM India / PIB GOBARdhan approval	₹23,731 crore; FY2026-27 to FY2035-36; MoPNG administration	https://www.pmindia.gov.in/en/news_updates/cabinet-approves-gobardhan-indias-national-unified-scheme-for-compressed-biogas-with-an-outlay-of-rs-23731-crore/ https://pib.gov.in/PressReleasePage.aspx?PRID=2295480&lang=1&reg=3	locator: opening approval paragraph
Transmission	MNRE GEC Phase-II	10,750 ckm, 27,500 MVA, 20 GW and funding split	https://mnre.gov.in/en/gec-phase-ii/	locator: overview paragraph with project cost and 33% CFA
Storage	MNRE ESS policy directory and PIB	13.22 GWh / ₹3,760 crore and 30 GWh / ₹5,400 crore	https://mnre.gov.in/en/energy-storage-systemsess-policies-and-guidelines/ https://pib.gov.in/PressReleasePage.aspx?PRID=2204118	locator: scheme titles and PIB 'two VGF schemes'
RCO / grid	MoP GEOA and revised RCO sources	100 kW threshold; current obligation framework	https://www.powermin.gov.in/documents/acts-and-policies/rules-framed-under-electricity-act-2003-YzNykTMtQWa?pageTitle=Rules-Framed-under-Electricity-Act-2003 https://powermin.gov.in/static/uploads/2025/08/5804f7f17e764f9ba1951183379b8e31.pdf https://powermin.gov.in/documents/orders-and-notices/new-notices-orders-cDO4QjMtQWa?pageTitle=Current-Notices%2FOrders https://pib.gov.in/PressReleasePage.aspx?PRID=2250039&lang=2&reg=48	primary rules, notification index and official cross-check
Review convention	Stage and ownership control	Installed, target, allocation, award, outlay, manufacturing and planning figures kept separate	https://mnre.gov.in/en/physical-progress/ https://sansad.in/getFile/lsapps/loksabhaquestions/annex/188/AS152_u4SoLD.pdf?source=lsapps https://powermin.gov.in/static/uploads/2026/08/7f83c38e4fd2aceebc0b541f071a3a39.pdf	applied throughout
AR001 | Residential solar	PM Surya Ghar — DISCOM incentives	₹4,950 crore component outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718649275406.pdf	Report: printed p.15, §3.1.3–3.1.5. Instrument: §5, p.4. Two-source numeric check: Annual Report 2025-26, printed p.15, §3.1.3–3.1.5. Incentive is performance-based; component of existing ₹75,021 crore scheme.
AR002 | Residential solar	PM Surya Ghar — Model Solar Village	₹800 crore; ₹1 crore CFA per selected village	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/08/20240809984319 10.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §3, p.2. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Selection, State implementation and approved village action plan required.
AR003 | Residential solar	PM Surya Ghar — Incentives to local bodies	₹1,000 crore; ₹1,000 per eligible installation	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240718995101679.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §6, p.3. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Count only residential installations for which consumer CFA was transferred.
AR004 | Residential solar	PM Surya Ghar — RESCO / utility-led aggregation and payment security	₹100 crore payment-security corpus	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/12/20241230101814137.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §6, printed p.12. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Consumer CFA and PSM are separate; storage receives no additional residential CFA.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR005 | Residential solar	PM Surya Ghar — Innovative projects	₹500 crore component outlay; support up to 60% project cost or ₹30 crore, whichever lower	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/202410091188591907.pdf https://pib.gov.in/Pressreleaseshare.aspx?PRID=2064203	Report: printed p.16, §3.1.3–3.1.5. Instrument: Financial assistance §8; component budget. Two-source numeric check: Innovative projects guidelines announcement, 8-Oct-2024; assistance lower-of cap; AR p.16 outlay. Call-specific approval; not an automatic consumer subsidy.
AR006 | Residential solar	PM Surya Ghar — Capacity building	₹657 crore component outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407181728251154.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §6, p.9. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Component allocation; not training completed or employment achieved.
AR007 | Residential solar	PM Surya Ghar — Awareness and outreach	₹657 crore component outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240722865406813.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §6, p.8. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Allocated communication budget; not additional residential CFA.
AR008 | Residential solar	PM Surya Ghar — Service charges	₹657 crore component outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/10/202410092004796556.pdf	Report: printed p.16, §3.1.3–3.1.5. Instrument: §2, p.2. Two-source numeric check: Annual Report 2025-26, printed p.16, §3.1.3–3.1.5. Administration allocation within the parent scheme; not a household entitlement.
AR009 | Residential solar	PM Surya Ghar — vendor registration, rating and assessment	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/202407241429497422.pdf	Report: printed p.17, §3.1.6. Instrument: Vendor registration / rating provisions. Qualitative inclusion check: Annual Report 2025-26, printed p.17, §3.1.6. Parent scheme already covered; this is a quality control component.
AR010 | Government solar	Rooftop solar saturation of government buildings	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/grid-connected-solar-rooftop-programme/	Report: printed p.18, §3.1.6. Instrument: Government-building saturation guidelines. Qualitative inclusion check: Annual Report 2025-26, printed p.18, §3.1.6. Report states no CFA for government-sector buildings; do not apply household subsidy.
AR011 | Tribal solar	New Solar Power Scheme — Tribal / PVTG households	1 lakh HHs; 0.3 kW systems; ₹500 crore; ₹50,000/HH or actual cost	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/ https://eparlib.sansad.in/bitstream/123456789/2989604/1/lsd_18_IV_02-04-2025.pdf	Report: printed p.44, §3.11. Instrument: Amended scheme guidelines. Two-source numeric check: Lok Sabha proceedings 2-Apr-2025, printed p.317, Statement I, row 1; also AR p.44. Stated household period FY2023-24–FY2025-26; no general renewal inferred.
AR012 | Tribal solar	New Solar Power Scheme — Multi-Purpose Centres	1,500 MPCs; ₹15 crore; ₹1 lakh/MPC	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/notice/new-solar-power-scheme-for-pvtg-habitation-villages-under-pm-janman/ https://eparlib.sansad.in/bitstream/123456789/2989604/1/lsd_18_IV_02-04-2025.pdf	Report: printed p.44, §3.11. Instrument: MPC component. Two-source numeric check: Printed p.317, Statement I, row 2; also AR p.44. FY2023-24–FY2025-26 component; separate from public institutions.
AR013 | Tribal solar	New Solar Power Scheme — public institutions	2,000 institutions; ₹400 crore; ₹1 lakh/kW	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/notice/amendments-in-new-solar-power-scheme-for-tribal-and-pvtg-habitations-villages-under-pm-janman-and-pm-juga-dated-28-11-2024/ https://eparlib.sansad.in/bitstream/123456789/2989604/1/lsd_18_IV_02-04-2025.pdf	Report: printed p.44, §3.11. Instrument: Public-institution component. Two-source numeric check: Printed p.317, Statement I, row 3; also AR p.44. Total is arithmetic 500+15+400. ₹515 crore is household plus MPC scope only; expanded three-component outlay totals ₹915 crore.
AR014 | Solar demonstration	Solarisation of Konark Sun Temple and town	10 MW grid solar; about ₹25 crore CFA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=1625340	Report: printed p.41, §3.5. Instrument: 20-May-2020 release, scheme paragraph. Two-source numeric check: Annual Report 2025-26, printed p.41, §3.5. AR reports off-grid applications commissioned; grid project under implementation at report cut-off.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR015 | Solar plus storage	Taru, Leh solar-storage project under J&K PMDP	₹250 crore sanctioned support; 50 MWh storage	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/07/2023071274.pdf	Report: printed p.41, §3.6. Instrument: Annual Report 2022-23, Taru / PMDP paragraph. Two-source numeric check: Annual Report 2025-26, printed p.41, §3.6. AC rating differs: 20 MW in older report versus 25 MW in 2025-26 report. AC rating withheld pending sanction amendment; financial support and storage agree.
AR016 | Off-grid solar	Off-Grid and Decentralised Solar PV Applications — Phase III	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/04/20250416715431493.pdf	Report: printed p.43, §3.8. Instrument: Printed pp.42–43, §3.8. Qualitative inclusion check: Annual Report 2024-25, Off-Grid and Decentralised Solar PV Applications. Closed in March 2021; do not present as fresh national off-grid CFA.
AR017 | DRE livelihoods	Framework for Promotion of DRE Livelihood Applications	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/dre-homepage-2/	Report: printed p.43, §3.9. Instrument: DRE portal and framework resources. Qualitative inclusion check: Annual Report 2025-26, printed p.43, §3.9. Framework is enabling direction; no universal CFA inferred.
AR018 | Defence solar	Solarisation of BSF Forward Defence Locations	115 FDLs; 1.21 MWp; ₹16.73 crore CFA	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/04/20250416715431493.pdf	Report: printed p.43, §3.10. Instrument: Annual Report 2024-25, solarisation of FDLs. Two-source numeric check: Annual Report 2025-26, printed p.43, §3.10. Completion extension was up to Aug-2025; latest AR completion count omitted without same-date corroboration.
AR019 | International grid	One Sun One World One Grid (OSOWOG)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/international-relations/	Report: printed p.41, §3.7. Instrument: OSOWOG initiative. Qualitative inclusion check: Annual Report 2025-26, printed p.41, §3.7. Study, roadmap and cooperation; no deployment commitment inferred.
AR020 | Transmission	Green Energy Corridor — Intra-State Phase I	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/green-energy-corridor/	Report: printed p.45, §3.12.1. Instrument: Intra-State Transmission System GEC-I. Qualitative inclusion check: Annual Report 2025-26, printed p.45, §3.12.1. Separate from InSTS GEC-II already tracked; actual completion is not the original target.
AR021 | Transmission	Green Energy Corridor — Ladakh ISTS	13 GW RE integration; ₹20,773.70 crore project cost; 40% CFA (₹8,309.48 crore); FY2029-30	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://www.pib.gov.in/PressReleasePage.aspx?PRID=1968733	Report: printed p.46, §3.12.3. Instrument: 18-Oct-2023 Cabinet release, cost / CFA / completion paragraphs. Two-source numeric check: Annual Report 2025-26, printed p.46, §3.12.3. Transmission integration scope; not installed RE capacity or an extra InSTS GEC-II allocation.
AR022 | Wind	Guidelines for Development of Onshore Wind Power Projects	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	Report: printed p.52, §4.1.7. Instrument: 2016 guidelines; amendments 4-Jul / 23-Aug-2024. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Micrositing and technical requirements; not a funding scheme.
AR023 | Wind manufacturing	ALMM-Wind turbines and critical components	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/document-category/wind-manufacturing/	Report: printed p.52, §4.1.7. Instrument: 31-Jul-2025 ALMM amendment; SOP 29-Oct-2025; subsequent amendments. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Renamed RLMM. Consult Feb-2026 procedural amendment and Aug-2026 compliance notice before procurement.
AR024 | Wind technology	Prototype wind turbine installation guidelines	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/document/revised-guidelines-for-installation-of-prototype-wind-turbine-models/	Report: printed p.52, §4.1.7. Instrument: Revised guidelines 25-Jun-2026; clarification 15-Jul-2026 in wind directory. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Current revision supersedes the report-era June-2025 version.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR025 | Wind manufacturing	Concessional Customs Duty Certificate (CCDC) procedure	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/document-category/wind-manufacturing/	Report: printed p.60, §4.2.4. Instrument: Notification 50/2017-Customs and CCDC procedure. Qualitative inclusion check: Annual Report 2025-26, printed p.60, §4.2.4. Duty eligibility depends on current tariff entry and notification conditions.
AR026 | Wind	Wind Generation-Based Incentive (GBI)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/wind-policy-and-guidelines/	Report: printed p.51, §4.1.7. Instrument: Generation-Based Incentive scheme. Qualitative inclusion check: Annual Report 2025-26, printed p.51, §4.1.7. Report refers to projects commissioned by Mar-2017; no new-window inference.
AR027 | Offshore wind	National Offshore Wind Energy Policy	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/off-shore-wind/	Report: printed p.53, §4.1.8. Instrument: National Offshore Wind Energy Policy, Gazette 6-Oct-2015. Qualitative inclusion check: Annual Report 2025-26, printed p.53, §4.1.8. Policy distinct from VGF projects and lease rules already present.
AR028 | Offshore wind	Strategy for Establishment of Offshore Wind Energy Projects	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/off-shore-wind/	Report: printed p.53, §4.1.8. Instrument: Strategy for Establishment of Offshore Wind Energy Projects. Qualitative inclusion check: Annual Report 2025-26, printed p.53, §4.1.8. Distinct development models; do not count indicative zones as commissioned projects.
AR029 | Hybrid power	ISTS-connected wind-solar hybrid deployment scheme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	Report: printed p.58, §4.2.3. Instrument: Scheme sanctioned 25-May-2018. Qualitative inclusion check: Annual Report 2025-26, printed p.58, §4.2.3. Separate from the overarching hybrid policy already present.
AR030 | Wind procurement	Tariff-based bidding guidelines — wind power	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	Report: printed p.50, §4.1.5. Instrument: Wind bidding guidelines 26-Jul-2023. Qualitative inclusion check: Annual Report 2025-26, printed p.50, §4.1.5. Related MoP instrument; amendments and tender terms control.
AR031 | Hybrid procurement	Tariff-based bidding guidelines — wind-solar hybrid	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/document-category/wind-schemes-guidelines/	Report: printed p.59, §4.2.3. Instrument: 21-Aug-2023 guidelines and later amendments. Qualitative inclusion check: Annual Report 2025-26, printed p.59, §4.2.3. Procurement definition must not be confused with the hybrid-policy definition.
AR032 | Green hydrogen	SIGHT — electrolyser manufacturing	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.61, §5.2. Instrument: Component I guidelines; 28-Jun-2023 and Tranche II 16-Mar-2024. Qualitative inclusion check: Annual Report 2025-26, printed p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
AR033 | Green hydrogen	SIGHT — hydrogen production Mode 1	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.61, §5.2. Instrument: Component II Mode 1 guidelines, 28-Jun-2023. Qualitative inclusion check: Annual Report 2025-26, printed p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
AR034 | Green hydrogen	SIGHT — green ammonia Mode 2A	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.61, §5.2. Instrument: Component II Mode 2A guidelines, 16-Jan-2024. Qualitative inclusion check: Annual Report 2025-26, printed p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.
AR035 | Green hydrogen	SIGHT — refinery hydrogen Mode 2B	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.61, §5.2. Instrument: Component II Mode 2B guidelines, 16-Jan-2024. Qualitative inclusion check: Annual Report 2025-26, printed p.61, §5.2. Within existing SIGHT allocation; do not add component values to the parent outlay.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR036 | Green hydrogen	NGHM — Steel pilot projects	₹455 crore approved sector outlay through FY2029-30	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/ https://www.pib.gov.in/newsite/erelcontent.aspx?lang=2&reg=48&relid=257759	Report: printed p.62, §5.3. Instrument: Steel pilot guidelines, 2-Feb-2024. Two-source numeric check: Official parliamentary reply, NGHM assistance table, sector pilot allocations. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
AR037 | Green hydrogen	NGHM — Road transport pilot projects	₹496 crore approved sector outlay through FY2025-26	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/ https://www.pib.gov.in/newsite/erelcontent.aspx?lang=2&reg=48&relid=257759	Report: printed p.62, §5.3. Instrument: Transport pilot scheme guidelines. Two-source numeric check: Official parliamentary reply, NGHM assistance table, sector pilot allocations. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
AR038 | Green hydrogen	NGHM — Shipping pilot projects	₹115 crore approved sector outlay through FY2025-26	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/ https://www.pib.gov.in/newsite/erelcontent.aspx?lang=2&reg=48&relid=257759	Report: printed p.62, §5.3. Instrument: Shipping pilot guidelines, 1-Feb-2024. Two-source numeric check: Official parliamentary reply, NGHM assistance table, sector pilot allocations. Outlay is not project expenditure; elapsed FY2025-26 does not establish a new application window.
AR039 | Green hydrogen	NGHM — HVIC and Green Hydrogen Hubs revised scheme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2025/07/20250715165905299 9.pdf	Report: printed p.62, §5.4. Instrument: Revised HVIC and Hubs guidelines, 27-Jun-2025. Qualitative inclusion check: Annual Report 2025-26, printed p.62, §5.4. Refines existing broad hubs/pilots row; no second allocation of parent mission budget.
AR040 | Green hydrogen	NGHM — innovative methods, pathways and applications	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.127, §9.1.8.7. Instrument: Innovative methods/pathways/applications guidelines, 4-Aug-2025. Qualitative inclusion check: Annual Report 2025-26, printed p.127, §9.1.8.7. Separate guideline route; no automatic grant entitlement.
AR041 | Green hydrogen	NGHM — startup pilot support	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/11/20241108456000928.pdf	Report: printed p.127, §9.1.8.7. Instrument: Startup pilot guidelines, 8-Nov-2024. Qualitative inclusion check: Annual Report 2025-26, printed p.127, §9.1.8.7. NISE implementing agency; calls and project approvals govern access.
AR042 | Green hydrogen	NGHM — testing facilities, standards and regulatory support	₹200 crore approved component outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/notice/nghm-testing-scheme/ https://www.pib.gov.in/PressReleasePage.aspx?PRID=2030686	Report: printed p.63, §5.7. Instrument: Testing scheme guidelines, 4-Jul-2024. Two-source numeric check: 4-Jul-2024 release: ₹200 crore testing scheme outlay. Outlay, sanctions and releases remain distinct.
AR043 | Green hydrogen	NGHM — Research and Development scheme	₹400 crore approved R&D allocation	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/notice/scheme-guidelines-for-the-implementation-of-rd-scheme-under-the-national-green-hydrogen-mission/ https://www.pib.gov.in/newsite/erelcontent.aspx?lang=2&reg=48&relid=257759	Report: printed p.63, §5.8. Instrument: R&D scheme guidelines, 15-Mar-2024. Two-source numeric check: NGHM assistance table: R&D budget ₹400 crore. Mission component allocation, not cumulative disbursement.
AR044 | Green hydrogen	NGHM — skill development	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/hydrogen-schemes-guidelines/	Report: printed p.63, §5.5. Instrument: Skill guidelines, 16-Mar-2024; current call 23-Mar-2026. Qualitative inclusion check: Annual Report 2025-26, printed p.63, §5.5. Counts in report are dated achievements, not ongoing entitlements.
AR045 | Hydrogen standards	Green Hydrogen Standard and Certification Scheme of India	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/notice/green-hydrogen-certification-scheme-of-india/	Report: printed p.63, §5.6. Instrument: GHCI launched Apr-2025; standard referenced in scheme. Qualitative inclusion check: Annual Report 2025-26, printed p.63, §5.6. Certification does not substitute statutory plant clearances; current GHG accounting guidance also applies.

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AR046 | Hydrogen safety	Regulations, Codes and Standards / National Hydrogen Safety Panel	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/national-green-hydrogen-mission/	Report: printed p.67, §5.9; 5.12. Instrument: Safety / regulatory framework under NGHM. Qualitative inclusion check: Annual Report 2025-26, printed p.67, §5.9; 5.12. Panel advises; specific regulator requirements control. Not a separate subsidy.
AR047 | Bioenergy	Biogas Programme — small and medium plants	Small: 1–25 m^3/day; medium: above 25–2,500 m^3/day	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://biogas.mnre.gov.in/downloads https://www.pib.gov.in/PressNoteDetails.aspx?ModuleId=3&NoteId=154717	Report: printed p.68, §6.1. Instrument: Biogas Programme administrative approval and guidelines. Two-source numeric check: National Bioenergy Programme section: small and medium plant categories; AR p.68. CFA varies by size and beneficiary; no single generic subsidy assumed.
AR048 | Bioenergy	Biomass Programme — briquettes and pellets	Briquettes: ₹9 lakh/MTPH, cap ₹45 lakh; non-torrefied pellets: ₹21 lakh/MTPH, cap ₹105 lakh; torrefied: ₹42 lakh/MTPH, cap ₹210 lakh	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://biourja.mnre.gov.in/public/downloadables/Revision_of_Rate_of%20_CFA_for_Biomass_Pellet_manufacturing_units.pdf https://pib.gov.in/PressReleasePage.aspx?PRID=2035112	Report: printed p.72, §6.2.3. Instrument: 16-Jul-2024 OM, revised para 2.1; AR pp.71–72. Two-source numeric check: 22-Jul-2024 release, CFA rate/cap and lower-of-cost paragraph. Pellets: lower of rate and 30% eligible plant/machinery cost; revised rate applies to post-OM applications. Phase approval elapsed; portal funding constraint applies.
AR049 | Bioenergy	Biomass Programme — non-bagasse cogeneration	₹40 lakh/MW; cap ₹5 crore per project	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://biourja.mnre.gov.in/scheme_highlights	Report: printed p.72, §6.2.3. Instrument: Biomass Programme Highlights, financial assistance. Two-source numeric check: Printed p.72, §6.2.3(b), rate ₹40 lakh/MW and cap ₹5 crore. Bagasse cogeneration excluded; report p.72 corroborates rate/cap; later sector clarifications apply.
AR050 | Bioenergy	Waste to Energy Programme — biogas / BioCNG / power / gasifiers	BioCNG: ₹4 crore/4,800 kg/day new or ₹3 crore existing, cap ₹10 crore; biogas power: ₹0.75 crore/MW new or ₹0.5 crore existing, cap ₹5 crore	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/waste-to-energy-schemes/ https://biourja.mnre.gov.in/scheme_highlights	Report: printed p.74, §6.3.3. Instrument: Financial assistance; eligible project and exclusions provisions. Two-source numeric check: Waste to Energy Highlights items 9–10; same rates; report p.74 also corroborates. MSW/RDF thermal power excluded by portal. CFA depends on eligibility and performance; no fresh funding inferred.
AR051 | Small hydro	Ladakh Renewable Energy Initiative (LREI)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://ladakhenergy.org/projects/lrei/	Report: printed p.77, §6.4. Instrument: LREI project / programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.77, §6.4. Distinct from the current nationwide SHP Development Scheme already tracked.
AR052 | Geothermal	National Policy on Geothermal Energy	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/notice/national-policy-on-geothermal-energy/ https://www.pib.gov.in/PressReleasePage.aspx?PRID=2167657	Report: printed p.92, §7.1.8. Instrument: National Policy notified 15-Sep-2025. Qualitative inclusion check: 17-Sep-2025 policy announcement and scope. Policy does not itself make theoretical resource potential installed capacity.
AR053 | RE innovation	RE-RTD — startup incubation support call	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/notice/call-for-proposal-cfp-to-support-start-up-incubation-in-the-renewable-energy-sector/	Report: printed p.96, §7.1.10. Instrument: 25-Jun-2025 call; corrigendum 6-Aug-2025. Qualitative inclusion check: Annual Report 2025-26, printed p.96, §7.1.10. Implementation of existing RE-RTD parent; not a new permanent grant window.
AR054 | Circular economy	Innovation Challenge for Circularity — batteries and solar PV	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/notice/call-for-proposals-on-innovation-challenge-for-circularity-in-renewable-energy-technologies-batteries-and-solar-photovoltaic/	Report: printed p.107, §7.5. Instrument: Call document and deadline-extension notice. Qualitative inclusion check: Annual Report 2025-26, printed p.107, §7.5. Extended application deadline 1-Aug-2025 elapsed; avoid live-call inference.
AR055 | Solar standards	Solar Systems, Devices and Components Goods Order 2025	Inverters >200 kW: conditional self-certification through 31-Dec-2026 or further orders, whichever earlier	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026072310394902 69.pdf https://mnre.gov.in/en/lab-policy-standard-quality-control-documents/ https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/2026071025383477.pdf	Report: printed p.104, §7.4.1. Instrument: Quality-control documents: extension to 31-Dec-2026. Two-source numeric check: Gazette S.O.3706(E), 3-Jul-2026, published 8-Jul-2026, English paragraph 2. Latest exemption requires valid matching IEC certificates and accredited lab reports; modules, batteries and smaller inverters are outside this extension.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR056 | Solar thermal standards	Solar Thermal Systems, Devices and Components QCO 2024	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://www.bis.gov.in/wp-content/uploads/2024/10/Solar-Thermal-Systems-Devices-and-Components-QCO-2024.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260706209377898 2.pdf	Report: printed p.106, §7.4.3. Instrument: QCO schedule and scope. Qualitative inclusion check: MNRE clarification on QCO scope; link in quality-control documents directory. Separate Glass Evacuated Solar Collector Tubes are outside this QCO; notified All Glass Evacuated Tubes Solar Water Heating Systems remain distinct.
AR057 | RE imports	Renewable Energy Equipment Import Monitoring System (REEIMS)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://mnre.gov.in/en/notice/monitoring-of-the-import-of-renewable-energy-components-through-renewable-energy-equipment-import-monitoring-system-reeims/ https://reeims.mnre.gov.in/	Report: printed p.107, §7.4. Instrument: DGFT Notification 40/2025-26; MNRE OM 24-Oct-2025. Qualitative inclusion check: Portal objective references DGFT notification 40/2025-26 dated 10-Oct-2025. Correct notification number is 40/2025-26; report has a typographical 2025-56 reference.
AR058 | Battery manufacturing	National Programme on ACC Battery Storage — PLI	50 GWh manufacturing target; ₹18,100 crore approved outlay	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage https://www.pib.gov.in/PressReleasePage.aspx?PRID=1717938	Report: printed p.103, §7.3.9. Instrument: Scheme overview / Cabinet approval. Two-source numeric check: Cabinet approval 12-May-2021, ₹18,100 crore / 50 GWh paragraphs; AR p.103. Manufacturing capacity; not grid BESS installations. Report earmarking / awarded balance not added without later verification.
AR059 | Storage procurement	Firm and Dispatchable RE with ESS — bidding guidelines	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://powermin.gov.in/	Report: printed p.103, §7.3.9. Instrument: Guidelines for tariff-based procurement of FDRE with ESS. Qualitative inclusion check: Annual Report 2025-26, printed p.103, §7.3.9. Contracted delivery profile and tender terms govern; separate from BESS VGF.
AR060 | Pumped storage	Guidelines to Promote Development of Pump Storage Projects	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://powermin.gov.in/	Report: printed p.103, §7.3.9. Instrument: PSP development guidelines, Apr-2023. Qualitative inclusion check: Annual Report 2025-26, printed p.103, §7.3.9. Existing ESO / ISTS rows retained; this is the underlying development guideline.
AR061 | Hydro infrastructure	Budgetary Support for Enabling Infrastructure in Hydro Projects	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://powermin.gov.in/	Report: printed p.103, §7.3.9. Instrument: Hydro enabling infrastructure budgetary support scheme. Qualitative inclusion check: Annual Report 2025-26, printed p.103, §7.3.9. Report mentions an allocation; withheld here pending two-source confirmation.
AR062 | Grid planning	CEA advisory on co-locating ESS with solar	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://cea.nic.in/	Report: printed p.103, §7.3.9. Instrument: Advisory on co-locating ESS with solar power projects. Qualitative inclusion check: Annual Report 2025-26, printed p.103, §7.3.9. Advisory is not by itself a universal legal storage obligation.
AR063 | Infrastructure planning	PM Gati Shakti — MNRE planning integration	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://pmgatishakti.gov.in/	Report: printed p.108, §7.6. Instrument: PM Gati Shakti National Master Plan. Qualitative inclusion check: Annual Report 2025-26, printed p.108, §7.6. MNRE participation in national planning framework; no separate consumer grant.
AR064 | Grid planning	State Resource Adequacy Planning guidelines	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723103949026 9.pdf https://cea.nic.in/	Report: printed p.109, §7.6.3. Instrument: Resource Adequacy Planning Framework guidelines. Qualitative inclusion check: Annual Report 2025-26, printed p.109, §7.6.3. Planning adequacy is distinct from installed generation and national targets.
AR065 | Skills	Suryamitra Skill Development Programme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/skill-development-programme/	Report: printed p.157, §10.2.3. Instrument: Suryamitra programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.157, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.

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AR066 | Skills	Varunmitra Skill Development Programme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/skill-development-programme/	Report: printed p.159, §10.2.3. Instrument: Varunmitra programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
AR067 | Skills	Vayumitra Skill Development Programme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/skill-development-programme/	Report: printed p.159, §10.2.3. Instrument: Vayumitra programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.159, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
AR068 | Skills	Jal-Urjamitra Skill Development Programme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/skill-development-programme/	Report: printed p.160, §10.2.3. Instrument: Jal-Urjamitra programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.160, §10.2.3. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
AR069 | Skills	Jaiv Urja Mitra Skill Development Programme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://www.pib.gov.in/PressReleasePage.aspx?PRID=2211203	Report: printed p.156, §10.2.1. Instrument: Jaiv Urja Mitra programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. HRD framework continued FY2026-27–FY2030-31; individual batches require current institutional notice.
AR070 | Human resources	National Renewable Energy Fellowship (NREF)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/fellowships-in-higher-studies-and-research/	Report: printed p.156, §10.2.1. Instrument: NREF scheme. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
AR071 | Human resources	Laboratory upgradation / education infrastructure	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/support-to-laboratory-upgradation/	Report: printed p.156, §10.2.1. Instrument: Laboratory infrastructure support. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
AR072 | Human resources	Renewable Energy Chair	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/renewable-energy-chair-2/	Report: printed p.156, §10.2.1. Instrument: Renewable Energy Chair. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
AR073 | Human resources	National Renewable Energy Internship (NREI)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/national-renewable-energy-internship-programme-2/	Report: printed p.156, §10.2.1. Instrument: NREI scheme. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
AR074 | Human resources	Short-term RE training and capacity building	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mnre.gov.in/en/hrd-schemes/	Report: printed p.156, §10.2.1. Instrument: HRD short-term training component. Qualitative inclusion check: Annual Report 2025-26, printed p.156, §10.2.1. Parent HRD framework retained; current approval controls terms.
AR075 | Awareness	Information and Public Awareness Programme (I&PA)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://www.mnreda.gov.in/publicawareness.html	Report: printed p.155, §10.1. Instrument: State nodal agency I&PA programme description. Qualitative inclusion check: Annual Report 2025-26, printed p.155, §10.1. Separate from PM Surya Ghar awareness component.
AR076 | Legacy solar	NSM Phase II — first VGF batch	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	Report: printed p.196, §Annexure. Instrument: Fund-release annexure Table 7, printed p.196. Qualitative inclusion check: Annexure Table 7; qualitative legacy inventory only. Listed because report records releases under Table 7; do not double-count releases as new approved outlay.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR077 | Legacy solar	NSM Phase II — subsequent VGF batch	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	Report: printed p.197, §Annexure. Instrument: Fund-release annexure Table 8, printed p.197. Qualitative inclusion check: Annexure Table 8; qualitative legacy inventory only. Listed because report records releases under Table 8; do not double-count releases as new approved outlay.
AR078 | Legacy solar	Solar demonstration GBI scheme	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	Report: printed p.197, §Annexure. Instrument: Fund-release annexure Table 9, printed p.197. Qualitative inclusion check: Annexure Table 9; qualitative legacy inventory only. Listed because report records releases under Table 9; do not double-count releases as new approved outlay.
AR079 | Legacy solar	Rooftop PV and Small Solar Power Generation Programme (RPSSGP)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf	Report: printed p.197, §Annexure. Instrument: Fund-release annexure Table 10, printed p.197. Qualitative inclusion check: Annexure Table 10; qualitative legacy inventory only. Listed because report records releases under Table 10; do not double-count releases as new approved outlay.
AR080 | Solar mission	Jawaharlal Nehru National Solar Mission (JNNSM)	100 GW solar target by 2022	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://www.pib.gov.in/newsite/PrintRelease.aspx?relid=122567 https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=1555373	Report: printed p.35, §3.3. Instrument: 16-Jun-2015 Cabinet target-revision release. Two-source numeric check: Year End Review 2018, revised NSM target paragraph; AR p.35. Historical mission target; do not substitute for current non-fossil national target.
AR081 | Solar procurement	Tariff-based bidding guidelines — solar power	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://powermin.gov.in/	Report: printed p.52, §4.1.7. Instrument: Solar power competitive bidding guidelines. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
AR082 | Consumer rights	Electricity (Rights of Consumers) Rules — rooftop solar	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://powermin.gov.in/	Report: printed p.52, §4.1.7. Instrument: Consumer Rules; net-metering and rooftop connection amendments. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
AR083 | Payment discipline	Electricity Late Payment Surcharge and Related Matters Rules	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://powermin.gov.in/	Report: printed p.52, §4.1.7. Instrument: LPS Rules and amendments. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
AR084 | Payment security	Letter of Credit / advance-payment dispatch security	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://powermin.gov.in/	Report: printed p.53, §4.1.7. Instrument: Payment security mechanism orders. Qualitative inclusion check: Annual Report 2025-26, printed p.53, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
AR085 | Power markets	Green Term Ahead Market (GTAM) / Green Day Ahead Market (GDAM)	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://powermin.gov.in/	Report: printed p.52, §4.1.7. Instrument: Green electricity market approval and operation. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.
AR086 | Investment	FDI automatic route for renewable energy	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://dpiit.gov.in/	Report: printed p.52, §4.1.7. Instrument: Consolidated FDI policy, renewable energy provisions. Qualitative inclusion check: Annual Report 2025-26, printed p.52, §4.1.7. Official report establishes inclusion; detailed current legal text controls applicability.

Category	Document / authority	What it verifies	Official link	Current status and source locator
AR087 | Taxation	GST reform for renewable energy equipment	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cbic-gst.gov.in/	Report: printed p.19, §3.1.8. Instrument: Renewable energy goods rate notification after GST Council reform. Qualitative inclusion check: Annual Report 2025-26, printed p.19, §3.1.8. Official report establishes inclusion; detailed current legal text controls applicability.
AR088 | Bioenergy / related ministry	SATAT — Sustainable Alternative Towards Affordable Transportation	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://mopng.gov.in/	Report: printed p.140, §9.3. Instrument: SATAT initiative. Qualitative inclusion check: Annual Report 2025-26, printed p.140, §9.3. MNRE WTE CFA and MoPNG supply arrangements are distinct; no duplicate CBG allocation.
AR089 | Biomass / related ministry	SAMARTH National Biomass Mission	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723128401479 8.pdf https://samarth.powermin.gov.in/	Report: printed p.140, §9.3. Instrument: National Biomass Mission. Qualitative inclusion check: Annual Report 2025-26, printed p.140, §9.3. Distinct from MNRE support for manufacturing briquettes and pellets.
AR090 | Residential solar	PM Surya Ghar — special-category State / UT CFA	₹33,000/kWp for first 2 kWp + ₹19,800 for next 1 kWp; calculated cap ₹85,800; eligible RWA common facilities ₹19,800/kWp	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240702176803548 4.pdf	Report: printed p.15, §3.1.5(a). Instrument: Residential CFA guidelines §5(g)–(h), printed p.6. Two-source numeric check: Annual Report 2025-26, printed p.15, §3.1.5(a). Special list: Uttarakhand, Himachal Pradesh, J&K, Ladakh, North East including Sikkim, A&N and Lakshadweep. ₹85,800 calculated as 2×₹33,000+₹19,800. RWA capacity cap / conditions same as existing row.
AR091 | Legacy rooftop solar	Grid Connected Rooftop Solar Programme — Phase II	Scheme / policy inventory and scope; no new quantitative assertion	https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2026/07/20260723515585394.pdf https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/07/20240702176803548 4.pdf	Report: printed p.14, §3.1. Instrument: Residential CFA guidelines §4, printed pp.3–4. Qualitative inclusion check: Annual Report 2025-26, printed p.14, §3.1. Legacy sanctions retain their applicable CFA structure; no fresh parallel Phase II entitlement inferred.
Current HRD approval	HRD continued FY2026-27 to FY2030-31	Current framework includes virtual learning and a placement connection platform	https://mnre.gov.in/en/hrd-schemes/ https://hrd.mnre.gov.in/hrd-file/hrd/notification/HRD_Scheme_2026_2031.pdf	MNRE HRD webpage and administrative approval 11-Aug-2026 both identify FY2026-27–FY2030-31. No old stipend rate carried forward as a current entitlement.
Review method	Numerical admission and preservation rule	New numerical support is cross-checked against two distinct official publications; unresolved values are withheld / flagged	https://mnre.gov.in/en/annual-report/	Review date 5-Oct-2026 applies to annual-report additions and stated corrections. Existing national capacity / achievements retain their original dates and prior verification. Dates identify approvals or historical periods; no continuing eligibility inferred solely from an online page. Report cross-checks are not independent audits of MNRE data.

Prepared by Resurgent India Ltd.

Renewable Energy Policy Compendium

Comprehensive State Policy Trackers

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