

- e) deploying Renewable Energy Technologies through the development of Model RE Cities and Green Zones by 2030 using the Net Zero Framework;
 - f) attempting to develop 20%, 50% and 100% of all heritage cities as Green Cities by the year 2024, 2027 and 2030 respectively; and
 - g) to promote establishing Renewable Energy Zones.
- 2.3. Facilitate the design, development and operationalization of new and innovative technologies and procurement approaches which promote design and deployment of new technologies in the RE, RE Hybrid and Energy Storage space in order to provide reliable and schedulable power at more cost competitive rates through:
- a) higher uptake of clean and Renewable Energy solutions by the Mobility Sector in the state. This shall be done by introducing greater integration and synergy between Clean and Renewable Energy Generation and the use of EV's/Green Mobility Solutions
 - b) Facilitating deployment of ancillary services for making the grid more flexible for greater RE integration.
 - c) Positioning MP as a "innovation and pilot destination" for new RE technologies. Facilitating R&D in RE technologies by extending support for collaborative R&D with premier institutes and technology companies within State.

3. **Title and operative period of the Policy**

- 3.1. This Policy shall be known as "**Madhya Pradesh Renewable Energy Policy – 2022**".
- 3.2. The Policy shall remain in operation for a period of five (5) years from the date of notification in the Madhya Pradesh State Gazette or until a new policy is notified by the State Government.
- 3.3. MP New and Renewable Energy Department, GoMP may amend/modify/review this policy as and when required.
- 3.4. The Office of the Commissioner, New and Renewable Energy Department, GoMP ("NRED") shall be the Nodal Agency for the implementation of this Policy.

4. **Policy target**

- 4.1. Investment of INR 15,000 Crore by 2024 and INR 50,000 Crore by 2027 in the Renewable Energy generation sector in the state
- 4.2. Investment of INR 4,000 Crore by 2024 and INR 10,000 Crore by 2027 in RE Equipment Manufacturing sector
- 4.3. Twenty percent (20%) RE in State's energy mix by FY2024, thirty percent (30%) by FY 2027 and fifty percent (50%) by FY 2030

- a) Development of Ten thousand (10,000) MW Renewable Energy Technology based Park/ RE Hybrid Park under GoI/ GoMP Scheme by FY 2027.
 - b) Four thousand (4000) MW Renewable Energy Projects for exporting power outside the state by 2024 and ten thousand (10,000) MW by FY 2027.
- 4.4. Generate more than 10,000 new jobs in Renewable Energy sector by 2024 and 50,000 new jobs by 2030.

5. **Implementation Strategy**

- 5.1. Incentives shall be made available for manufacturing of equipment and related components for Renewable Energy sector in Madhya Pradesh. Incentives shall include concessional lease rent for government land, subsidies, rebate/exemption on duties etc.
- 5.2. Incentives shall be made available for development of Renewable Energy projects within Madhya Pradesh. The incentives shall include rebate/exemption on duties and cess, grant towards waiver of wheeling charges, government land at concessional rate etc.
- 5.3. Measures shall be taken to incentivize use of renewable power/energy by setting up of Green Zones, developing Model Green cities or Model Green Heritage cities, Green Government buildings (Harit Karyalaya) etc.
- 5.4. Renewable Energy technology-oriented courses shall be introduced in ITIs, Polytechnic & Engineering institutes and skill development centres within the State to provide skilled and semi-skilled manpower to RE industry.

6. **Applicability of the policy and exclusions**

- 6.1. All Renewable Energy Technology based power projects, (except projects specifically excluded in this Policy) shall be eligible for benefits under this Policy. Renewable Energy Technology based power projects shall carry the meaning as provided in *Annexure – I* of this Policy;
- 6.2. All Renewable Energy Technology based projects generating any form of energy shall be eligible for benefits under this Policy;
- 6.3. To avail benefit and incentives provided under this Policy, projects need to be registered with NRED;
- 6.4. Unless specified otherwise in this Policy, all incentives shall be available till this Policy is in force;
- 6.5. This Policy shall be applicable for all Renewable Energy Technology based power projects of capacity equal to or more than 500 kW, unless capacity specified otherwise; and
- 6.6. This Policy shall not be applicable for Decentralized RE systems, for which a separate policy exists. In case of any contradiction or overlap in the provisions under two policies, the Policy for Decentralized RE systems – 2016 shall prevail for all RE beneficiaries in whose premises off-grid or grid connected RE System are installed upto capacity of 2 MW.

7. Incentives for RE developers

- 7.1. Any renewable energy generation project registered under this Policy will be eligible for applicable incentives provided under this Policy along with all subsequent amendments. However, any project, registered under any other Policy of GoMP will not be eligible to avail incentives/benefits under multiple policies.

For Clarification: Any project registered under this Policy and some other Policy 'X' of GoMP can either avail all applicable benefits available under this Policy or all applicable benefit available under other Policy 'X'. Cherry picking of incentives/benefit available under different policies of GoMP shall not be allowed.

- 7.2. Following incentives shall be available for projects registered under this Policy:

a) **Exemption in Electricity Duty and Energy Development Cess:**

- i. As per the provisions of *Madhya Pradesh Vidyut Shulk Adhinyam, 2012* projects shall be entitled to receive hundred percent (100%) exemption from payment of Electricity Duty on generation of electrical energy for period of ten (10) years from the date of COD;
- ii. No energy development cess shall be payable on the power supplied by Renewable Energy projects for a period of ten (10) Years from the COD

b) **Reimbursement of Stamp Duty**

- i. 50% reimbursement on stamp duty on purchase of private land for the project shall be available for developers.

c) **Government Land on concessional rate:**

- i. Government land, if available, shall be provided on concessional rate (rebate of 50% on circle rate) to the developers.

d) **Waiver of wheeling charges:**

- i. Facility of wheeling will be available to all RE power projects through MPPTCL/ MP Discoms, as case may be, as per wheeling charges specified by MPERC. 50% waiver on wheeling charge shall be applicable or as may be approved by Madhya Pradesh Electricity regulatory Commission from time to time. This waiver shall be applicable for 5 years from COD.

- e) Carbon credits or any other similar incentives, which are available for such Projects, can be availed by the Developer, as per the guidelines issued by the concerned authorities from time to time.

- 7.3. Notwithstanding anything contained in this Policy, following shall be applicable on the Renewable Energy generation project selling electricity within or outside Madhya Pradesh:

- a) Harit Urja Vikas Fees of Rs.0.10/unit shall be levied on the electricity sold to entity other than Madhya Pradesh Power Management Company Limited (MPPMCL). (For clarification: if total 100

units are generated and out of which 20 units are sold to entity other than MPPMCL, then Harit Urja Vikas Fees shall be levied on 20 units);

- b) In case of captive use, Harit Urja Vikas Fees of Rs.0.10/unit shall be levied on entire electricity units generated by such Captive power plant (For clarification: if total 100 units are generated by captive RE plant, then Harit Urja Vikas Fees shall be levied on entire 100 units);
- c) Government land shall not be provided to Renewable Energy plant commissioned for third-party sale/captive use.

7.4. Demonstration Projects/ Pilot project (e.g. CNG, green hydrogen, induction based technology etc.) that utilize innovative Renewable Energy technology for either generation of electricity or any other form of energy that have commercial utility are eligible to avail incentives under this Policy. The incentives shall be allowed on case-to-case basis.

8. Incentive of RE equipment manufacturers

- 8.1. The Government of Madhya Pradesh shall promote innovation and manufacturing of RE equipment in the state. The incentives shall be available to all manufacturer based on the investment size, from start-ups to multinationals, from component designers to system developers, using a host of new technologies from Artificial Intelligence to Information Technology to advance the design and development of RE projects. To foster the concept of green manufacturing, RE equipment manufacturer will be encouraged to use RE power for the manufacturing activities.
- 8.2. The RE equipment manufacturing shall be categorized as "Industry",
- 8.3. RE equipment manufacturing units commissioned on or before 31st March 2027 shall be eligible to avail following benefits:

Investment Size <Rs. 50 Cr.	Investment Size =>Rs. 50 Cr.
Eligible to avail general incentives as per respective policy of Industry/MSME Department based on investment size.	Eligible to avail special incentives earmarked for RE Equipment Manufacturing Sector under Industrial Promotion Policy. <i>Note: A separate section would be carved out in the Industrial Promotion Policy enlisting the incentives for promotion of RE Equipment Manufacturing Sector.</i>

9. Incentives for production of Green Hydrogen

- 9.1. India has production capacity of ~6 million tons of Hydrogen, which is largely produced from methane (CH4) in a steam-methane reforming process. The said process produces Hydrogen along with by-products – Carbon Monoxide and Carbon Dioxide. Alternatively, Hydrogen can also be produced from water using Electrolyzers through an electrolysis process (which is a highly energy intensive process) that produces Oxygen as by-product. Hydrogen produced from electrolysis process using electricity from renewable sources is termed as '**Green Hydrogen**'.
- 9.2. Production of Green Hydrogen and Electrolyzer Manufacturing shall be categorized as Industry.
- 9.3. Green Hydrogen production and Electrolyzer manufacturing units commissioned on or before 31st March 2027 shall be eligible to avail following benefits: