



## Policy & Regulatory Updates



*Issued by Central Government & its organizations:*

### I. Ministry of New and Renewable Energy (MNRE)

1. Scheme Guidelines for setting up Hydrogen Hubs in India under the National Green Hydrogen Mission (NGHM):	15 <sup>th</sup> Mar 2024
<p>The Ministry has issued Scheme Guidelines for implementation of setting up Hydrogen Hubs in India under the National Green Hydrogen Mission (NGHM).</p> <p>The Scheme objectives are:</p> <ul style="list-style-type: none"><li>• To identify and develop regions capable of supporting large-scale production and/or utilization of Hydrogen as Green Hydrogen Hubs.</li><li>• Development of Green Hydrogen Projects inside the Hubs in an integrated manner to allow pooling of resources and achievement of scale.</li><li>• Enhance the cost-competitiveness of Green Hydrogen and its derivatives vis-à-vis fossil-based alternatives.</li><li>• Maximize production of Green Hydrogen and its derivatives in India within the stated financial support.</li><li>• Encourage large-scale utilization and exports of Green Hydrogen and its derivatives.</li><li>• Enhance viability of Green Hydrogen assets across the value chain.</li></ul> <p>It is planned to set up at least two such Green Hydrogen hubs by FY 2025-26.</p> <p>Budgetary outlay: ₹ 200 Crore till FY 2025-26.</p> <p>The Scheme will provide support for development of the following core infrastructure at Hydrogen hubs for common services/facilities only (not for any component of individual projects) Storage and transportation facilities for Green Hydrogen/its derivatives.</p> <ul style="list-style-type: none"><li>• Development or upgradation of pipeline infrastructure.</li><li>• Green Hydrogen powered vehicle refueling facility.</li><li>• Hydrogen compression and/or liquefaction technologies, as required</li><li>• Hydrogen storage systems, including bulk liquid, gaseous, materials-based technologies, or subsurface options (e.g., salt caverns, depleted oil and gas fields, unused coal mines etc.)</li><li>• Water treatment facility and associated storage facility.</li></ul>	

- Development of bunkering facilities in case of ports including provision of bunker barges for handling large vessels such as Very Large Crude Carriers (VLCC) Infrastructure upgradation for shipping, including expansion of port/jetty infrastructure for exports.
- Power transmission infrastructure to nearest existing grid substation and establishment of new dedicated substations.
- Land redevelopment.
- Energy Storage to manage RE intermittency.
- Effluent Treatment Plants.
- Any other infrastructure required.

The Ministry of New & Renewable Energy (MNRE) and its nominated Scheme Implementing Agencies (SIAs) will be the Implementing Agency for these hydrogen hubs. The SIA will issue Call for Proposals for the projects. SIA will be eligible for service charges at 0.5 % of CFA released under the projects.

Overall monitoring of the scheme, and evaluation of projects undertaken will be done by a Steering Committee (SC) under the chairmanship of Secretary, Ministry of New and Renewable Energy (MNRE) and comprising of members viz., Mission Director, National Green Hydrogen Mission (NGHM), and any other members as nominated. The Steering Committee shall be responsible for overall monitoring and implementation of this scheme, and suggest modifications & course corrections for its successful implementation.

A Project Appraisal Committee (PAC) under the Chairmanship of Mission Director, NGHM, shall monitor /review/evaluate the project proposals and recommended projects for sanction of CFA. The PAC shall monitor sanctioned projects on a quarterly basis for the allocation of funds based upon the progress of the project. The PAC shall send recommendations to MNRE for the release of CFA.

SIAs shall submit the Project Completion Report (PCR) to the Steering Committee within one month from the completion of the project.

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**2. Scheme Guidelines for the implementation of the R&D Scheme under the National Green Hydrogen Mission:**

**15<sup>th</sup> Mar 2024**

The Ministry has issued Scheme Guidelines for implementation of the Research & Development (R&D) Scheme under the National Green Hydrogen Mission (NGHM).

The Scheme objectives are:

- To increase the affordability of Green Hydrogen production, storage, transportation, and utilization, and to enhance the efficiency, safety and reliability of the relevant systems and processes.

- To build industry-academia-government partnerships to leverage the opportunity to establish an innovation ecosystem for Green Hydrogen technologies.
- To facilitate scaling up and commercialization of the technological advancements by providing requisite policy and regulatory support.

Budgetary Outlay: ₹ 400 Crore till FY 2025-26

Components of the Scheme:

- Mission Mode Projects with short term (0-5 years) horizon.
- Grand Challenge Projects with a mid-term (0 - 8 years) impact horizon.
- Blue Sky Projects having a long term (0-15 years) horizon.
- Centers of Excellence.

MNRE will hold an annual conference with research institutions and the industry to identify areas of research. Areas of research identified in these conferences will set the priorities.

Research and Development project proposals in the area of Green Hydrogen can be submitted for financial support by Academic Institutions/R&D Institutions/Government Institutions/PSUs/Private Research Institutions/Industries having adequate infrastructure/facilities. Consortium of two or more entities mentioned above can also submit proposal for funding.

MNRE will, from time to time, notify "Call for Proposals" for Research and Development projects through advertisement in scientific/technological journals and the MNRE website. Proposals will be invited against identified challenges, research problems in fostering green hydrogen ecosystem for R&D areas. Besides Calls for Proposals, the interested institutions/individuals may also submit proposals in relevant areas of research at any time to the MNRE. Such proposals will be evaluated for financial support on a case-to-case basis according to their relevance to the Ministry's research priorities and suitability for financial support; Based on the need, Ministry may also consider soliciting proposals from identified experts, institutions, and industry capable of implementing technology development activities in relevant areas.

Proposals shortlisted by MNRE will be placed before the Sectoral Sub-Committees (SSCs) constituted under the Advisory Group chaired by the Principal Scientific Advisor, Government of India. Projects recommended by the SSCs, will be considered for final assessment by the Advisory Group. Proposals recommended by the Advisory Group will be put up for the standard financial approval process. Sanction will be issued by MNRE upon obtaining financial concurrence and administrative approvals as per procedure.

Quantum of Financial Support:

- Academic Institutions, Universities, Government/Non-profit research organizations would be eligible for financial support up to 100% of the total project cost. The financial support to the private institutes/research organizations and industries would be limited up to 80% of the total project cost.
- The Ministry will encourage research and development proposals from consortia comprising of academic institutes/R&D labs and industry. The academia/ National R&D

lab partner will be provided up to 100% funding of its share of the project. Industrial partner should contribute to the project with their own contributions.

On completion of the project, the Principal Investigators shall make a presentation before the concerned SSC, followed by a presentation before the Advisory Group of the Mission. The Mission will award prizes on an annual basis. The award will consist of a citation and cash prize ₹ 5 lakhs, ₹ 3 lakhs and ₹ 2 lakhs.

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**3. Call for Proposals" under Research and Development (R&D) Scheme of National Green Hydrogen Mission (NGHM)-regarding.**

**15<sup>th</sup> Mar 2024**

The Ministry has invited proposals under R&D Scheme from the eligible entities. The last date of submission of applications is 12.04.2024.

The proposals may be submitted online on <https://research.mnre.gov.in>.

**Download link:**

<https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403161508843202.pdf>

**4. Guidelines for scheme on skilling, up-skilling and re-skilling under the National Green Hydrogen Mission.**

**16<sup>th</sup> Mar 2024**

The Ministry has issued Scheme Guidelines for implementation of the on-skilling, up-skilling, and reskilling under the National Green Hydrogen Mission.

The Scheme objectives are:

- Undertake comprehensive skill gap analysis covering key areas of the Green Hydrogen ecosystem on a continuous basis.
- Creation/updation of a registry of skills as required by the Green hydrogen value chain.
- Design and develop curricular elements for use in Schools, Industrial Training Institutes (ITI), Polytechnics and HEIS at various levels and segments of the Green Hydrogen value chain.
- Develop Qualification Packs (QPs), and training content including training manuals and online study resources for Green Hydrogen and allied sectors for use of STT and up-skilling courses.
- Encourage private sector participation, with a greater focus on training in industries and On-the-Job Training (OJT).

- Enable cross utilization of available infrastructure at Schools, HEIS and government institutions for delivery of skill training.
- Laydown criteria and mechanism for identification of institutions who would deliver the skilling courses.
- Creation of a certified pool of trainers across the Green Hydrogen value chain.
- Implement learner-centric training programs to train and certify participants on approved courses on Green Hydrogen in consultation with the Ministry of Skill Development and Entrepreneurship (MSDE). The training program shall include all components of training including placement tracking.
- Facilitate creation of one or more model CoEs for enabling higher level skilling, Training of Trainers (TOT) and support content creation on the Green Hydrogen ecosystem.

The implementing agency for implementation of this scheme shall be notified by MNRE in consultation with Ministry of Skill Development and Entrepreneurship (MSDE).

Scheme Outlay: ₹ 35 crores till FY 2029-30

The scheme will have 2 components:

- Short Term Training (STT): The STT skill courses are National Skills Qualification Framework (NSQF) aligned modular courses of 200-600 hours duration. Training will be delivered through accredited and affiliated training centres. On-Job Training (OJT) will be an inherent component under STT as mandated by National Council for Vocational Education and Training (NCVET). The duration of OJT will depend on the job role.
- RPL based up-skilling: The RPL component of the scheme with duration ranging from 30-132 hours is targeted at candidates, part of the existing workforce, with prior experience or skills who will be certified with due assessment. Emphasis will be on upskilling and interested candidates will have to undergo coursework for certification at a higher level based on assessment.

This scheme will be available to any candidate of Indian nationality who fulfills education related and other eligibility criteria for the respective job role as may be laid down:

- Is aged between 18-45 years.
- Possesses a valid identity proof and an Aadhar linked bank account.
- For RPL based up-skilling, the participant should have prior experience in the job role for which formal skill certification is desired.

A Steering committee, co-chaired by Secretary, MNRE and Secretary, MSDE and suitable representation from DGT, National Skill Development Corporation (NSDC), school ecosystem and higher education ecosystem including University Grants Commission (UGC) and AICTE will monitor the execution of this scheme and provide directions from time to time regarding broad policy, allocation of funds among various component heads of the scheme.

A PAC, co-chaired by Mission Director, NGHM and Additional/Joint Secretary, MSDE and any other members as nominated by MNRE and MSDE, shall be constituted for overseeing the regular functioning of the scheme, making recommendations to the Steering Committee for any

policy or operational corrections for improving the implementation of the scheme, reviewing and approving of proposals in accordance with the guidelines or any other functions as deemed fit by the Steering Committee.

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<p><b>5. Scheme Guidelines for implementation of "Strategic Interventions for Green Hydrogen Transition (SIGHT) Programme Component I: Incentive Scheme for Electrolyser Manufacturing Tranche - II" under the National Green Hydrogen Mission.</b></p>	<p><b>16<sup>th</sup> Mar 2024</b></p>
<p>The Ministry has issued Scheme Guidelines for Strategic Interventions for Green Hydrogen Transition (SIGHT) Programme Component I: Incentive Scheme for Electrolyser Manufacturing Tranche - II" under the National Green Hydrogen Mission.</p> <p>The Scheme objectives are:</p> <ul style="list-style-type: none"> <li>• Maximize the indigenous electrolyser manufacturing capacity.</li> <li>• Achieving lower levelized cost of Hydrogen production.</li> <li>• Ensuring globally competitive performance and quality of products.</li> <li>• Progressively enhancing domestic value addition.</li> <li>• Supporting established and promising technologies.</li> </ul> <p>The Solar Energy Corporation of India (SECI) shall be the implementing agency for implementation of this scheme.</p> <p>Scheme Outlay: ₹ 4,440 Crore (across all tranches)</p> <p>MNRE, through Solar Energy Corporation of India (SECI), will invite bids for competitive selection. Successful bidders will be eligible to access the incentives.</p> <p>The bidders will be required to quote the following:</p> <ul style="list-style-type: none"> <li>• Annual Manufacturing capacity for which incentive is sought.</li> <li>• Committed Specific Energy Consumption (SEC) of the electrolyser produced each year for the 5-year period.</li> <li>• Committed Local Value Addition (LVA) on an annual basis for 5 years</li> </ul> <p>In order to promote indigenously developed electrolyser technologies, bids in the second tranche of 1500 MW will be called in three separate buckets as follows:</p>	

<b>Bucket 1:</b> Electrolyser manufacturing capacity based on any stack technology	<b>Bucket 2A:</b> Electrolyser manufacturing capacity based on indigenously developed stack technology	<b>Bucket 2B:</b> Electrolyser manufacturing capacity based on indigenously developed stack technology- smaller
1100 MW	300 MW	100 MW

A Scheme Monitoring Committee (SMC) under the chairmanship of Secretary, MNRE, and comprising representatives from MNRE, SECI and experts from other organizations as may be required for the purpose, shall periodically review of the status of implementation/ performance of electrolyser manufacturing capacities awarded/ set up under the scheme. The committee will also facilitate/recommend measures to resolve difficulties, if any.

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<b>6. Call for Proposals for Approval of Innovative &amp; New Design/Material based Small Biogas Plants size ranging from 1 to 25 m3 Biogas Generation per Day.</b>	<b>16<sup>th</sup> Mar 2024</b>
<p>The Ministry of New and Renewable Energy (MNRE) has invited proposals/ applications in the prescribed proforma from the developers/Manufactures/Organizations, Universities, R&amp;D Institutions, Industry or any other competent group engaged in manufacturing/development of small biogas plant (1 to 25 Cubic Meter biogas generation per day capacity), of Innovative &amp; New Design and/or significant change in existing approved designs leading towards simple efficient and cost effective domestic, community/village level small scale Biogas usage.</p> <p>Last date for submission of proposals: 2<sup>nd</sup> April, 2024.</p>	
<p><b>Download link:</b> <a href="https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403161428114451.pdf">https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403161428114451.pdf</a></p>	

<b>7. Launch of the PM-Surya Ghar: Muft Bijli Yojana for installation of rooftop solar plants in one crore household with a total financial outlay of Rs. 75,021 crore.</b>	<b>16<sup>th</sup> Mar 2024</b>
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The Muft Bijli Yojana, aimed at installing rooftop solar plants in one crore households, with a total financial outlay of Rs. 75,021 crore, including all scheme sub-components. The Scheme was launched by the Government of India on 13.02.2024.

The previous scheme of Phase-II of the Grid Connected Rooftop Solar programme will be deemed subsumed under this scheme, along with the remaining financial outlay and liabilities, effective from the launch of the PM - Surya Ghar: Muft Bijli Yojana, i.e., 13.02.2024.

Financial outlay for the PM - Surya Ghar: Muft Bijli Yojana includes the following

S No.	Sub-Component	Financial outlay
01	Central Financial Assistance (CFA) to residential consumers	Rs. 65,700 crore
02	Incentives for Discoms	Rs. 4,950 Crore (inclusive of total expenditure made under previous scheme)
03	Incentives for Local Bodies	Rs. 1,000 crore
04	Model solar villages in each district	Rs. 800 crore
05	Innovative projects	Rs. 500 crore
06	Payment security mechanism	Rs. 100 crore
07	Capacity building (1% of CFA)	Rs. 657 crore
08	Awareness and outreach (1% of CFA)	Rs. 657 crore
09	Service charges (1% of CFA)	Rs. 657 crore
	<b>Total</b>	<b>Rs. 75,021 crore</b>

The scheme would be implemented through the National Portal (<https://pmsuryaghar.gov.in>). The subsidy/CFA under the PM - Surya Ghar: Muft Bijli Yojana would be applicable to all applications submitted on the portal on or after 13.02.2024. The CFA under the scheme would be as follows:

S No.	Type of Residential Segments	CFA
01	Residential Sector (first 2 kW of RTS capacity or part thereof)	60% of benchmark cost of 2 kW
02	Residential Sector (with additional RTS capacity of 1 kW or part thereof)	40% of benchmark cost of additional kW
03	Residential Sector (additional RTS capacity beyond 3 kW)	No additional CFA
04	Group Housing Societies/ Residential Welfare Associations (GHS/RWA) etc, for common facilities, including EV Charging, up to 500 kW (@3 kW per house), with the upper limit being inclusive	As per CFA of S. No. (2) above



	of individual rooftop plants installed by individual residents in the GHS/RWA	
Based on the baseline benchmark cost for FY 2023-24 for setting up of rooftop solar systems, the following CFA structure shall be applicable till further notice		
S No.	Type of Residential Segment	CFA
01	Rooftop solar plant of capacity up to 2 kW in residential household	Rs. 30,000 per kW or part thereof
02	Additional capacity for plant capacity ranging between 2 kW and 3 kW	Rs. 18,000 for additional kW or part thereof
03	Additional Capacity beyond 3 kW	No additional CFA
04	Group Housing Societies/ Residential Welfare Associations (GHS/RWA) etc, for common facilities, including EV Charging, up to 500 kW (@3 kW per house), with the upper limit being inclusive of individual rooftop plants installed by individual residents in the GHS/RWA	Rs. 18,000 per kW
The detailed Operational Guidelines for implementation of the scheme will be issued separately.		
<b>Download link:</b> <a href="https://pmsuryaghar.gov.in/notification/170_notification.pdf">https://pmsuryaghar.gov.in/notification/170_notification.pdf</a>		

<b>8. Insurance products for Solar Power Plants- regarding.</b>	<b>18<sup>th</sup> Mar 2024</b>
The Ministry has updated the list of insurers from IRDAI.	
<b>Download link:</b> <a href="https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/20240319787114812.pdf">https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/20240319787114812.pdf</a>	

<b>9. Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Amendment - reg.</b>	<b>22<sup>th</sup> Mar 2024</b>
The sub-clause 1.5.1 under clause 1.5 of the reforms issued by MNRE on 10.05.2023, regarding the end-use category-wise minimum module efficiency thresholds for enlistment in ALMM, hereby stands modified as follows:	
1.5.1 Only such models of Solar PV Module Manufacturers, will be eligible for enlistment under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:	

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For crystalline-silicon technology based solar PV Modules	For Cadmium Telluride Thin Film technology based solar PV Modules
Cat-I	Utility/Grid Scale Power Plants	20.0%	19.0%
Cat-II	Rooftop and Solar Pumping	19.5%	18.5%
Cat-III	Solar Lighting	19.0%	18.0%

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<b>10. Amendments in the New Solar Power Scheme (for PVTG Habitations/Villages) under PM JANMAN</b>	<b>26<sup>th</sup> Mar 2024</b>
<p>The scheme Implementation Guidelines for New Solar Power Scheme (for PVTG Habitations/Villages) under PM JANMAN are amended for the electrification of Households (HHS) by installation of solar mini-grids through CAPEX mode.</p> <p>The scheme Implementation Guidelines are amended with immediate effect.</p>	
<p><b>Download link:</b>  <a href="https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403271088991800.pdf">https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403271088991800.pdf</a></p>	

<b>11. Expression of Interest (EOI) of Suryamitra Skill Development Programme for FY 2023-24.</b>	<b>28<sup>th</sup> Mar 2024</b>
<p>The Expression of Interest is invited to empanel Training Centres (TCs) to impart training under Suryamitra skill development programme. The empanelment of TCs may be considered for one year or beyond, subject to the continuity of the programme.</p> <p>Last date to submit the online application is 30/04/2024 up to 5:30PM.</p> <p>The link for online submission of application is <a href="https://suryamitra.nise.res.in/Enrollment/Login">https://suryamitra.nise.res.in/Enrollment/Login</a></p>	
<p><b>Download link:</b>  <a href="https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403291520669245.pdf">https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/202403291520669245.pdf</a></p>	

<b>12. Expression of Interest (EOI) of Varunmitra Skill Development Programme for FY 2023-24.</b>	<b>28<sup>th</sup> Mar 2024</b>
<p>The Expression of Interest is invited to empanel Training Centres (TCs) to impart training under Solar Water Pumping Training Programme (Varunmitra). The empanelment of TCs may be considered for one year or beyond, subject to the continuity of the programme. Last date to submit the online application is 30/04/2024 up to 5:30PM</p> <p>The link for online submission of application is <a href="https://varunmitra.nise.res.in/Enrollment/Login">https://varunmitra.nise.res.in/Enrollment/Login</a></p>	
<p><b>Download link:</b> <a href="https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/20240329653727038.pdf">https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2024/03/20240329653727038.pdf</a></p>	

<b>13. Approved Models and Manufacturers of Solar (Requirements for Compulsory Registration) Order, 2019 - reg.</b>	<b>29<sup>th</sup> Mar 2024</b>
<p>Vide MNRE's Order 10th March 2023, the Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019 (ALMM Order) was held in abeyance for one financial year, i.e. FY 2023-24. It is clarified that the ALMM for Solar PV Modules, shall accordingly come into effect from 1st April, 2024.</p> <p>Each project where the solar PV modules have been received at the project site by 31st March, 2024 and is unable to get commissioned by that day, on account of reasons beyond the control of the renewable power developer, would be examined separately.</p>	
<p><b>Download link:</b> <a href="https://drive.google.com/drive/folders/17XUaAcoaV840Tz0jv603Kb7lS5vQh8Ej">https://drive.google.com/drive/folders/17XUaAcoaV840Tz0jv603Kb7lS5vQh8Ej</a></p>	

## II. Ministry of Power (MoP)/BEE

<b>1. Electricity (Third Amendment) Rules, 2024.</b>	<b>12<sup>th</sup> Mar 2024</b>
<p>The Ministry of Power has amended Electricity Rules, 2005, in rule 19, in sub-rule (1), for clause (a), the following clause shall be substituted, namely: -  “(a) the Central Government may, by order form distinct central pools for different categories of Renewable Energy Sources for a period of <b>three years</b> from the date provided in such order.”</p> <p><i>Earlier, the duration of a central pool was specified as five years.</i></p>	
<p><b>Download link:</b>  <a href="https://powermin.gov.in/sites/default/files/webform/notices/Electricity_Third_Amendment_Rules_2024.pdf">https://powermin.gov.in/sites/default/files/webform/notices/Electricity_Third_Amendment_Rules_2024.pdf</a></p>	

<b>2. Standards and Labeling Program for Grid Connected Solar Inverter.</b>	<b>15<sup>th</sup> Mar 2024</b>
<p>The Minister of Power launched Standards and Labelling (S&amp;L) Program for Grid Connected Solar Inverter on 15<sup>th</sup> March 2024. This initiative will facilitate common user in selecting better quality invertors used with solar system.</p> <p>The program will function as MEPS (Minimum Energy Performance Standard) and will be initially valid from 15<sup>th</sup> March, 2024 to 31<sup>st</sup> December, 2025. The scope of Solar Inverter under S&amp;L program includes grid connected solar inverter without storage with rated capacity up to 100 kW, which is align with recent MNRE Quality Control Order (QCO) for solar photovoltaic inverters. BIS certified solar inverters complied with safety standard IS 16221-2:2015, are eligible to take part in the BEE’s S&amp;L program.</p> <p>The implementation of the endorsement label for grid connected solar inverters is expected to yield energy savings of 21.1 Billion kWh between FY 2024- 25 and FY 2033-2034, leading to potential reduction in CO2 emissions amounting to 15.1 Million tons of CO2 in the same time period.</p> <p>The market size of all types of solar inverters was close to 2,520 MW in the year 2022-23. The grid connected solar inverter was found to dominate the market with 80% share of the total solar inverter market. It is expected that the solar inverter market will be Rs. 9,352 crores by the year 2026, growing at a projected CAGR of 14.4% during the period from 2020 to 2026.</p> <p>As per BEE’s market assessment, it is revealed that nearly 63% market share of grid connected solar inverter is of the models with rated output power capacity ranging from 1 kW to 10 kW, 13% share of models are those belonging to the range 11 kW to 20 kW and 24% share of models are above 20 kW rated output capacity.</p>	
<p><b>Download link:</b>  <a href="https://beeindia.gov.in/sites/default/files/Media%20Coverage%20Report%20Solar%20Inverter%20launched.pdf">https://beeindia.gov.in/sites/default/files/Media%20Coverage%20Report%20Solar%20Inverter%20launched.pdf</a></p>	

### III. Central Electricity Regulatory Commission

<b>1. Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024.</b>	<b>15<sup>th</sup> Mar 2024</b>
<p>The Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 shall come into force on 01.04.2024 and unless reviewed earlier or extended by the Commission shall remain in force for a period of five years from 1.4.2024 to 31.3.2029.</p> <p>These regulations shall apply to all cases where tariff for a generating station or a unit thereof and a transmission system or an element thereof is required to be determined by the Commission under section 62 of the Act read with section 79.</p> <p>These regulations shall not apply to the following cases: -</p> <ul style="list-style-type: none"> <li>(a) Generating stations or transmission systems whose tariff has been discovered through tariff based competitive bidding in accordance with the guidelines issued by the Central Government and adopted by the Commission under section 63 of the Act;</li> <li>(b) <b>Generating stations based on renewable sources of energy whose tariff is determined in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2020.</b></li> </ul>	
<p><i>Download link:</i> <a href="https://www.cercind.gov.in/regulations/notification-2024.pdf">https://www.cercind.gov.in/regulations/notification-2024.pdf</a></p>	

### IV. Central Electricity Authority

<b>1. Advisory for implementation of the BIS Standards and Quality Control Orders related to aluminum ingots, wire rods and wires used for the manufacture of conductors / cables - reg.</b>	<b>27<sup>th</sup> Mar 2024</b>
<p>In order to ensure that conductors/cables being used in the power sector are of requisite quality, an advisory is issued for implementation of the BIS Standards and Quality Control Orders related to aluminium ingots, wire rods and wires used for the manufacturing of conductors/cables.</p> <p>The advisory is issued for necessary action and compliance by all concerned.</p>	
<p><i>Download link:</i> <a href="https://cea.nic.in/whats-new/?lang=en">https://cea.nic.in/whats-new/?lang=en</a></p>	



## Issued by State Governments & their organizations:

### I. Uttar Pradesh

1. Uttar Pradesh Green Hydrogen Policy.	5 <sup>th</sup> Mar 2024
<p>UP Green Hydrogen policy issued with target production of one million metric tonnes (1MMT) of green hydrogen per annum by 2028.</p> <p>Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) will be the nodal agency for implementation.</p>	
<p>Download link: <a href="https://upneda.org.in/MediaGallery/GreenHPolicy.pdf">https://upneda.org.in/MediaGallery/GreenHPolicy.pdf</a></p>	

### II. Karnataka

<p>1. Karnataka Electricity Regulatory Commission (Pre-paid Smart Metering), Regulations, 2024.</p> <p>Download link: <a href="https://kerc.karnataka.gov.in/uploads/media_to_upload1709796400.pdf">https://kerc.karnataka.gov.in/uploads/media_to_upload1709796400.pdf</a></p>	6 <sup>th</sup> Mar 2024
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### III. Madhya Pradesh

<p>1. Madhya Pradesh Electricity Regulatory Commission (Framework for Resource Adequacy), Regulations, 2024.</p> <p>Download link: <a href="https://mperc.in/uploads/regulation_document/MPERC_Resource_Adequacy_Regulation_RG_19_III_2024_English_3.pdf">https://mperc.in/uploads/regulation_document/MPERC_Resource_Adequacy_Regulation_RG_19_III_2024_English_3.pdf</a></p>	5 <sup>th</sup> Mar 2024
<p>2. Madhya Pradesh Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement Mechanism and related Matters of wind and Solar Generating Stations) Regulations, 2018 (Second Amendment).</p> <p>Download link: <a href="https://mperc.in/uploads/regulation_document/MPERC-FSDSM-2024-English.pdf">https://mperc.in/uploads/regulation_document/MPERC-FSDSM-2024-English.pdf</a></p>	14 <sup>th</sup> Mar 2024
<p>3. Madhya Pradesh Electricity Regulatory Commission (Grid Interactive Renewable Energy Systems and related matters) Regulations 2024.</p> <p>Download link: <a href="https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf">https://mperc.in/uploads/regulation_document/MPERC-RG-39-2024-English.pdf</a></p>	14 <sup>th</sup> Mar 2024

#### IV. Punjab

<p><b>1. Punjab State Electricity Regulatory Commission (Grid Interactive Rooftop Solar Photovoltaic Systems) (1st amendment) Regulations, 2024</b></p> <p><i>Download link:</i> <a href="https://pserc.gov.in/pages/notification-186.pdf">https://pserc.gov.in/pages/notification-186.pdf</a></p>	<p><b>11<sup>th</sup> Mar 2024</b></p>
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#### V. Arunachal Pradesh

<p><b>1. Terms and Conditions for Green Energy Open Access (GEOA) and Methodology for calculation of Charges) Regulations, 2024.</b></p> <p><i>Document Link:</i> <a href="https://apserc.nic.in/pdf/Regulations/30-Green%20Energy%20Open%20Access%20and%20Methodology%20Charges.pdf">https://apserc.nic.in/pdf/Regulations/30-Green%20Energy%20Open%20Access%20and%20Methodology%20Charges.pdf</a></p>	<p><b>Notification date – 05<sup>th</sup> Feb 2024</b></p> <p>uploaded in Mar 2024</p>
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#### VI. J&K and Ladakh

<p><b>1. The Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Green Energy Open Access), Regulations, 2024.</b></p> <p><i>Document Link:</i> <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Green%20Energy%20Open%20Access),%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Green%20Energy%20Open%20Access),%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>2. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Treatment of Income from Other Business of Transmission Licensees and Distribution Licensees) Regulations, 2024.</b></p> <p><i>Document Link:</i> <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Treatment%20of%20Income%20from%20Other%20Business%20of%20Transmission%20Licensees%20and%20Distribution%20Licensees)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Treatment%20of%20Income%20from%20Other%20Business%20of%20Transmission%20Licensees%20and%20Distribution%20Licensees)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>

<p><b>3. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Smart Grid) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Smart%20Grid)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Smart%20Grid)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>4. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Micro-Grid Renewable Energy Generation and Supply) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Micro-Grid%20Renewable%20Energy%20Generation%20and%20Supply)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Micro-Grid%20Renewable%20Energy%20Generation%20and%20Supply)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>5. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Licensee’s Power to Recover Expenditure incurred in providing supply and other miscellaneous charges) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Licensee%E2%80%99s%20Power%20to%20Recover%20Expenditure%20incurred%20in%20providing%20supply%20and%20other%20miscellaneous%20charges)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Licensee%E2%80%99s%20Power%20to%20Recover%20Expenditure%20incurred%20in%20providing%20supply%20and%20other%20miscellaneous%20charges)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>6. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Deviation Settlement Mechanism and other Related Matters) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Deviation%20Settlement%20Mechanism%20and%20other%20Related%20Matters)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Deviation%20Settlement%20Mechanism%20and%20other%20Related%20Matters)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>7. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Renewable Purchase Obligation &amp; its Compliance) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Renewable%20Purchase%20Obligation%20and%20its%20Compliance)%20Regulations,%202024.pdf">https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commission%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20and%20the%20UT%20of%20Ladakh%20(Renewable%20Purchase%20Obligation%20and%20its%20Compliance)%20Regulations,%202024.pdf</a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>



<a href="#"><u>e%20UT%20of%20Ladakh%20(Renewable%20Purchase%20Obligatio n&amp;its%20Compliance)%20Regulations,%202024.pdf</u></a>	
<p><b>8. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Grant of Connectivity and Open Access in Intra-State Transmission &amp; Distribution and related matters) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commis&lt;br/&gt;sion%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20a&lt;br/&gt;nd%20the%20UT%20of%20Ladakh%20(Grant%20of%20Connectivity&lt;br/&gt;%20and%20Open%20Access%20in%20Intra-&lt;br/&gt;State%20Transmission%20&amp;%20Distribution%20and%20related%20&lt;br/&gt;matters)%20Regulations,%202024.pdf"><u>https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commis sion%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20a nd%20the%20UT%20of%20Ladakh%20(Grant%20of%20Connectivity %20and%20Open%20Access%20in%20Intra- State%20Transmission%20&amp;%20Distribution%20and%20related%20 matters)%20Regulations,%202024.pdf</u></a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>
<p><b>9. Joint Electricity Regulatory Commission for the UT of Jammu &amp; Kashmir and the UT of Ladakh (Terms and Conditions for Tariff Determination for grid-interactive Renewable Energy Sources) Regulations, 2024.</b></p> <p><b>Document Link:</b>  <a href="https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commis&lt;br/&gt;sion%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20a&lt;br/&gt;nd%20the%20UT%20of%20Ladakh%20(Terms%20and%20Conditions&lt;br/&gt;%20for%20Tariff%20Determination%20for%20grid-&lt;br/&gt;interactive%20Renewable%20Energy%20Sources)%20Regulations,%2&lt;br/&gt;02024.pdf"><u>https://jercjkl.nic.in/pdf/Joint%20Electricity%20Regulatory%20Commis sion%20for%20the%20UT%20of%20Jammu%20&amp;%20Kashmir%20a nd%20the%20UT%20of%20Ladakh%20(Terms%20and%20Conditions %20for%20Tariff%20Determination%20for%20grid- interactive%20Renewable%20Energy%20Sources)%20Regulations,%2 02024.pdf</u></a></p>	<p><b>Notification date – 12<sup>th</sup> Feb 2024</b></p> <p>uploaded on 28 Feb 2024</p>

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