



JOINT ELECTRICITY REGULATORY COMMISSION
(For the State of Goa and Union Territories)
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Public Notice

No. JERC-14/2010

Dated: 01.01.2024

In exercise of the powers conferred under Sections 61, 66, 86 (1) (e) and 181 of the Electricity Act, 2003 and all other powers enabling the Commission in this behalf, the Joint Electricity Regulatory Commission (for the State of Goa & Union Territories) propose to amend its prevailing JERC (Procurement of Renewable Energy) Regulations, 2010.

Accordingly, the Draft JERC (Procurement of Renewable Energy) (Fifth Amendment) Regulations, 2024 is available on the website of the Commission i.e., www.jercuts.gov.in.

The Comments/Suggestions may be forwarded to the Commission by post or by email addressed to the Secretary, Joint Electricity Regulatory Commission (for the State of Goa & Union Territories), 3rd & 4th Floor, Plot No. 55-56, Udyog Vihar, Phase- IV, Sector 18, Gurugram, Haryana 122015 (email: secy.jercuts@gov.in) within 21 days from the issuance of this notice.

Sd/-
(S.D. Sharma)
Secretary, (I/c), JERC

JOINT ELECTRICITY REGULATORY COMMISSION

(For the State of Goa and Union Territories)

DRAFT NOTIFICATION

Gurugram, 1st January, 2024

Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Procurement of Renewable Energy) (Fifth Amendment) Regulations, 2024

No. JERC-14/2010 - In exercise of the powers conferred under Sections 61, 66, 86 (1) (e) and 181 of the Electricity Act, 2003 and all other powers enabling the Commission in this behalf, the Joint Electricity Regulatory Commission (for the State of Goa & Union Territories) hereby makes the following Regulations to amend its existing JERC (Procurement of Renewable Energy) Regulations, 2010.

DRAFT REGULATIONS

1. Short title, commencement and extent of application

- (i) These regulations may be called the Joint Electricity Regulatory Commission for the State of Goa & Union Territories (Procurement of Renewable Energy) (Fifth Amendment), Regulations 2024.
- (ii) These Regulations shall come into force from the 1st day of April, 2024.
- (iii) These Regulations shall extend and apply to the obligated entities in the entire of the State of Goa and the Union Territories of Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli and Daman & Diu, Lakshadweep and Puducherry.

2. Amendment in Regulation 2 of the principal regulation:

- (i) In Regulation 2 (f), “Central Electricity Regulatory Commission (Terms & Conditions for recognition and issue of Renewable Energy Certificate for Renewable Energy Generation) Regulations 2010’ shall be substituted with “Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022”.
- (ii) In Regulation 2 (i), “Central Electricity Regulatory Commission (Terms & Conditions for recognition and issue of Renewable Energy Certificate for Renewal Energy Generation) Regulations 2010” shall be substituted with “Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022”.
- (iii) The definition of HPO as per Regulation 2(j) of the principal regulation shall be amended as follows:

“(j) Hydro Purchase Obligation (HPO) means obligations to procure power from Hydro Power Projects (including Pumped Storage Projects (PSPs) and Small Hydro Projects (SHPs)) commissioned after 31.03.2024”.

(iv) The definition of Obligated Entity as per Regulation 2(p) of the principal regulation shall be amended as follows:

“(p) ‘‘Obligated Entity’’ means the entities which are mandated under clause (e) of Sub-section (1) of Section 86 of the Act to fulfil renewable purchase obligation, which includes Distribution Licensee, Captive User and Open Access Consumer.”

(v) The following shall be added after 2(w) of the Principal Regulation:

“(x) Wind RPO means obligation to procure power from the Wind Power Projects (WPPs) commissioned after 31st March 2024.

“(y) Other RPO means obligation to procure power from any RE power project not mentioned in (j) and (x)”.

3. Amendment in Regulation 3 of the principal regulation:

(i) Following proviso shall be added after 3rd proviso of Regulation 3.1:

“Provide further that there shall be uniform renewable purchase obligation, on all obligated entities in the area of a distribution licensee”.

(ii) The word “LHPs” in Regulation 3.2, 3.4, 3.6, and 3.7 of the principal regulation shall be substituted with the following words:

“Hydro Power Projects (including Pumped Storage Projects (PSPs) and Small Hydro Projects (SHPs))”.

(iii) The Regulation 3.3 of the Principal Regulation shall be omitted.

(iv) Regulation 3.4 of the Principal Regulation shall be amended as:

“(3.4) Other RPO may be met from any renewable source other than specified in Regulations 2(j), 2(x), and 3.11 and shall comprise energy from all WPPs and Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)], including free power, commissioned before the 1st April, 2024.

Provided that any shortfall in achievement of stipulated Wind RPO in a particular year may be met with HPO which is in excess of that energy component for that year and vice-versa.

Provided further that the balance excess energy consumption under Wind RPO or HPO component in that year, may be considered as part of Other RPO.

Provided also that any excess energy consumption under Other RPO in a particular year, may be utilised to meet the shortfall in achievement of stipulated Wind RPO or HPO”.

(v) Regulation 3.5 of the Principal Regulation shall be amended as under:

“(3.5) Every obligated entity shall meet its RPO target by way of its own generation or by way of purchase from other sources / licensees or by way of purchase of

Renewable Energy Certificates (RECs) in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022 or by way of combination of any of the above options. Any long-term purchase arrangements shall be made only with the approval of the Commission. The Commission shall approve long term PPAs on case-to-case basis.”

(vi) Regulation 3.7 of the Principal Regulation shall be amended as under:

“(3.7) HPO liability of the DISCOM may also be met out of the free power being provided to the UT/State from the Hydro Power Projects commissioned after 31st March, 2024. Free power (not that contributed for Local Area Development) only to extent of HPO liability of the UT/DISCOM, shall be eligible for HPO benefit.

Provided further that the hydro renewable energy component may also be met from Hydro Power Projects located outside India as approved by the Central Government on a case-to-case basis”.

(vii) In Regulation 3.8 of the Principal Regulation, the word ‘*non-solar hydro renewable purchase obligations*’ shall be substituted by “hydro purchase obligations”.

(viii) In Regulation 3.10 of the Principal Regulation, the word ‘*HPO*’ shall be substituted by “RPO”.

(ix) The Table 1(a) of the principal regulation shall be substituted with the Table provided below:

Table 1(a)

Minimum Quantum of Renewable Purchase Obligation (RPO) of Renewable Energy (in kWh)					
Financial Year	Wind renewable energy (Wind RPO)	Hydro renewable energy (HPO)	Distributed renewable energy RPO	Other renewable energy (Other RPO)	Total RPO (%)
2024-25	0.67%	0.38%	1.50%	27.35%	29.91%
2025-26	1.45%	1.22%	2.10%	28.24%	33.01%
2026-27	1.97%	1.34%	2.70%	29.94%	35.95%
2027-28	2.45%	1.42%	3.30%	31.64%	38.81%
2028-29	2.95%	1.42%	3.90%	33.10%	41.36%
2029-30	3.48%	1.33%	4.50%	34.02%	43.33%

(x) The following shall be added after Regulation 3.10 of the principal regulation:

“(3.11) The distributed renewable energy component shall be met only from the energy generated from renewable energy projects that are less than 10 MW in size and shall include solar installations under all configurations (net metering, gross metering, virtual net metering, group net metering, behind the meter installations and any other configuration) notified by the Central Government:

Provided that the compliance against distributed renewable energy shall ordinarily be considered in terms of energy (Kilowatt hour units):

Provided further that in case the designated consumer is unable to provide generation data against distributed renewable energy installations, the reported capacity shall be transformed into distributed renewable energy generation in terms of energy by a multiplier of 3.5 units per kilowatt per day (kWh/kW/day)”.

“(3.12) Any entity, whether obligated or not may elect to generate, purchase and consume renewable energy as per their requirements by one or more of the following methods:

A **Own Generation from Renewable Energy Sources:** There shall not be any capacity limit for installation of power plants from renewable energy sources, by entities for their own consumption and such plants may be set up at any location in India and power shall be transmitted by using open access:

Provided that the generating plant may be set up by the entity itself or by a developer with which the entity enters into a power purchase agreement.

B **By procuring Renewable Energy through Open Access from any Developer either directly or through a trading licensee or through power markets.**

Explanation:

1. Developer means the generating company who generate electrical energy from renewable sources of energy.
2. Trading Licensee means a person who has been granted a licence by appropriate commission, for purchase of electricity for resale thereof.

C **By requisition from Distribution Licensee:**

- a) Any consumer may elect to purchase green energy either upto a certain percentage of the consumption or its entire consumption and they may place a requisition for this with their distribution licensee, which shall procure such quantity of green and supply it and the consumer shall have the flexibility to give separate requisition for Wind, Hydro and Other Categories;
- b) The consumer may purchase on a voluntary basis, more renewable energy, than he is obligated to do and for ease of implementation, this may be in steps of Twenty-five per cent and going upto Hundred per cent;
- c) The tariff for the green energy shall be determined separately by the Appropriate Commission, which shall comprise of the average pooled power purchase cost of the renewable energy. cross-subsidy charges if any, and service charges

covering the prudent cost of the distribution licensee for providing the green energy;

- d) Any requisition for green energy from a distribution licensee shall be for a minimum period of one year.
 - e) The quantum of green energy shall be pre-specified for at least one year;
 - f) The green energy purchased from distribution licensee or from Renewable Energy sources other than distribution licensee in excess of Renewable Purchase Obligation of obligated entity shall be counted towards Renewable Purchase Obligation compliance of the distribution licensee,
 - g) The accounting of renewable energy supplied at distribution licensee level shall be on a monthly basis;
- D By consuming green energy from captive power plant.
- E By purchase of Renewable Energy Certificates (RECs) in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022.
- F Purchase of Green hydrogen or Green ammonia: The obligated entity can also meet their Renewable Purchase Obligation by purchasing green hydrogen or green ammonia and the quantum of such green hydrogen or green ammonia would be computed by considering the equivalence to the green hydrogen or green ammonia produced from one MWh of electricity from the renewable sources or its multiples and norms in this regard shall be notified by the Central Commission. The purchase of such green hydrogen or green ammonia shall be counted towards Other RPO.
- G Any other sources, as may be, determined by the Central Government.

“(3.13) Green certificate: The Distribution Licensee shall give “Green Certificate” on yearly basis to the consumers for the green energy supplied by the distribution licensees to consumer on his request beyond the renewable energy obligation of the consumers”.

“(3.14) Rating: The Commission may introduce the concept of rating of the consumer of the distribution licensee, based on the percent of green energy purchased by such consumer.”

4. Amendment in Regulation 4 of the principal regulation:

- (i) Regulation 4.1 of the Principal Regulation shall be substituted as under:

“Subject to the terms and conditions contained in these regulations the Certificates issued under the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022 shall be the valid instruments for the discharge of the mandatory obligations set out in these regulations for the obligated entities to purchase electricity from renewable energy sources”.

- (ii) The proviso after Regulation 4.1 of the Principal Regulation shall be deleted.

(iii) Regulation 4.2 of the Principal Regulation shall be substituted as under:

“Subject to such direction as the Commission may give from time to time, the obligated entity shall act consistent with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022 and its subsequent amendments thereafter notified by the Central Commission in regard to the procurement of the certificates for fulfillment of the Renewable Purchase Obligation under these regulations”.

5. In Regulation 5.2, “Central Electricity Regulatory Commission (Terms & Conditions for recognition and issue of Renewable Energy Certificate for Renewal Energy Generation) Regulations 2010” shall be substituted with “**Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022**”.

6. Amendment in Regulation 7 of the principal regulation:

Following Regulation shall be added after Regulation 7.2 of the Principal Regulations:

“7.3 The designated consumers who are open access consumers or consumers with Captive Power Plants shall fulfil their obligation as per the specified total renewable energy target irrespective of the non-fossil fuel source”.

7. Amendment in Regulation 8 of the principal regulation:

(i) Regulation 8.3 of the principal regulation shall be omitted.

(ii) Following Regulation shall be inserted after Regulation 8.3 of the Principal Regulation:

“8.4 The Cross-subsidy surcharge shall be as per the provisions of tariff policy notified by the Central Government under the Act:

Provided that the cross-subsidy surcharge for Green Energy Open Access Consumer purchasing green energy, from a generating plant using renewable energy sources, shall not be increased, during twelve years from the date of operating of the generating plant using renewable energy sources, by more than fifty percent of the surcharge fixed for the year in which open access is granted;

Provided further that the additional surcharge shall not be applicable for Green Energy Open Access Consumers, if fixed charges are being paid by such a consumer:

Provided also that cross subsidy surcharge and additional surcharge shall not be applicable in case power produced from a Waste-to-Energy plant is supplied to the Open Access Consumer.

Provided also that additional surcharge shall not be applicable in case electricity produced from offshore wind projects, which are commissioned up to December, 2032 and supplied to the Open Access Consumer.

Provided also that Cross subsidy surcharge and additional surcharge shall not be applicable if green energy is utilized for production of green hydrogen and green ammonia.”

(iii) Note-3 in Regulation 8 of the Principal Regulation shall be amended as under:

“The Central Commission, in consultation with the Central Agency and the Forum of Regulators, from time to time prescribes the Floor Price and the Forbearance Price for the Renewable Energy Certificate (s)”.