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**JHARKHAND STATE ELECTRICITY REGULATORY
COMMISSION**

NOTIFICATION
15th March, 2024

**JSERC (Renewable Energy Purchase Obligation and its compliance) (Second
Amendment) Regulations, 2024**

Notification no. 98--In order to promote generation of Renewable Energy in the state of Jharkhand, the Commission in exercise of powers conferred upon it under Section 181(1), read with Sections 61, 66, and 86(1)(e) of the Electricity Act, 2003 (36 of 2003) and all other powers enabling it in that behalf, the Jharkhand State Electricity Regulatory Commission hereby makes the following Regulations to amend the JSERC (Renewable Energy Purchase Obligation) Regulation, 2016 (hereinafter referred to as the '**Principal Regulations**').

These Regulations have been amended as per the notification issued by Ministry of Power and published in Gazette of India vide S.O. 4617(E) dated October 20, 2023.

1. Short Title and Commencement

- 1.1. These Regulations may be called the JSERC (Renewable Energy Purchase Obligation) (Second Amendment) Regulations, 2024.

1.2. These Regulations shall extend to the State of Jharkhand.

1.3. These Regulations shall come into force from April 01, 2024 after its publication in the official gazette of the Government of Jharkhand unless reviewed earlier or extended by the Commission.

2. Amendment to Regulation A5

In the Principal Regulations, under chapter A5 in clause 5.2a new proviso shall be inserted as below:

5.2 Every Obligated entity shall purchase electricity (in kWh) from renewable energy sources, at a defined minimum percentage of its total consumption as an Obligated Entity during a Year shown as under:

Year	Wind Renewable Energy	Hydro Renewable Energy	Distributed Renewable Energy	Other Renewable Energy	Total
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%

Note 1: The wind renewable energy component shall be met by energy produced from Wind Power Projects (WPPs) commissioned after the 31st March, 2024.

Note 2: The hydro renewable energy component shall be met only by energy produced from Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)], commissioned after the 31st March, 2024:

Provided that the hydro renewable energy component may also be met out of the free power being provided to the State/DISCOM from the Hydro Power Projects commissioned after the 31st March, 2024:

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.

Note 3: 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).

Note 4: The other renewable energy component may be met by energy produced from any renewable energy power project other than specified in **Note 1, 2 and 3** 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.

- a) Any shortfall in achievement of stipulated wind renewable energy consumption in a particular year may be met with hydro renewable energy which is in excess of that energy component for that year and vice versa.
- b) The balance excess energy consumption under wind renewable energy or hydro renewable energy component in that year, may be considered as part of other renewable energy component.
- c) Any excess energy consumption under Other renewable energy component in a particular year, may be utilised to meet the shortfall in achievement of stipulated Wind renewable energy or Hydro renewable energy consumption.
- d) 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.
- e) The specified renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022:

Provided that any shortfall in specified renewable energy consumption targets shall be treated as non-compliance and penalty shall be imposed as such rate specified under sub-section (3) of section 26 of the said Act.

- f) The JREDA shall maintain data related to compliance of renewable energy utilisation by the designated consumer(s) and submit report to the Jharkhand State Electricity Regulatory Commission and Central Government.

By Order of the Commission,

Rajendra Prasad Nayak,
Secretary
