

# UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

‘Vidyut Niyamak Bhawan’, Near I.S.B.T., P.O.-Majra, Dehradun-248171

## Draft Notification

April ...., 2024

.....In exercise of powers conferred under section 181 read with Section 86(1)(e) of the Electricity Act, 2003, and all other powers enabling it in this behalf, and after previous publication, the Uttarakhand Electricity Regulatory Commission hereby makes the following amendments in the UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2023 (Principal Regulations, 2023) and subsequent amendment made in the same, if any, namely:

### 1. Short Title, Commencement and Interpretation:

- (1) These Regulations may be called the UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) (First Amendment) Regulations, 2024 (Principal Regulations, 2023).
- (2) These Regulations shall come into force from the date of notification and unless reviewed earlier or extended by the Commission, shall remain in force for a period of 5 years from the date of commencement of Principal Regulations.

### 2. Amendment in Regulation 10 of the Principal Regulations:

The amended Regulation shall come into force with effect from 01.04.2024 and shall be read as under:

*“10. Minimum Quantum of electricity to be purchased by distribution licensees from ‘non-fossil fuel based co-generation and generation of electricity from renewable energy sources’*

- (1) *In line with the provisions of the Act, National Electricity Policy, the Tariff Policy to promote development of renewable and non-conventional sources of energy, all existing and future distribution licensees, captive users and open access customers, hereinafter referred to as “Obligated Entity”, in the State shall be obliged to procure minimum percentage of their total electricity requirement for own consumption, as indicated below, from eligible renewable energy sources as defined under Regulation 4. The same shall be called the Renewable Purchase Obligation (RPO) of the Obligated Entities.*

<b>Year</b>	<b>Wind RPO</b>	<b>Hydro Purchase Obligation (HPO)</b>	<b>Distributed RPO</b>	<b>Other RPO</b>	<b>Total RPO</b>
2024-25	0.67%	0.38%	0.75%	28.10%	29.91%
2025-26	1.45%	1.22%	1.05%	29.29%	33.01%
2026-27	1.97%	1.34%	1.35%	31.29%	35.95%
2027-28	2.45%	1.42%	1.65%	33.29%	38.81%
2028-29	2.95%	1.42%	1.95%	35.05%	41.36%
2029-30	3.48%	1.33%	2.25%	36.27%	43.33%

(a) Wind RPO shall be met only by energy produced from Wind Power Projects (WPPs), commissioned after 31<sup>st</sup> March 2024.

(b) HPO shall be met only by energy purchased from HPPs (including PSPs and Small Hydro Projects (SHPs)), commissioned after 8<sup>th</sup> March 2019.

*Provided that HPO obligation of the Distribution licensee may also be met out of the free power being provided to the State from HPPs (including PSPs and SHPs), commissioned after 8<sup>th</sup> March 2019.*

*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.*

(c) 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 configuration (net metering, gross metering, virtual net metering, group net metering, behind the meter installation 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 (kWh/kW/day).*

*Provided further that in case the obligated entity 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 kW/day.*

(d) Other RPO shall be met by energy produced from any RE power project not mentioned in (a), (b) and (c) above and shall comprise energy from all Wind Power Projects, HPPs (including PSPs and SHPs) including free power.

*Percentage RPO as stipulated above denotes Minimum Quantum of purchase from non-fossil fuel based co-generation and generation of electricity from renewable energy sources' as a percentage of total energy purchased from all sources/generated by the Obligated Entity during the year for own consumption.*

*Where, total energy purchased for different obligated entities shall be as under:*

- a. For Discoms, total energy purchased from all sources during the year for own consumption; and
- b. For Open Access consumers, total energy purchase through Open Access shall be metered consumption recorded at drawl/consumption point during the year for own consumption.
- c. For Captive users, total energy purchased shall be metered consumption recorded at drawl/consumption point during the year for own consumption.

*Provided that any shortfall in achievement of Wind RPO in a particular year can be met with excess energy consumed from Hydro Power Projects or and vice-versa and the balance excess energy consumption under Wind RPO or HPO in a particular year, can be set off against the shortfall in achievement of 'Other RPO'.*

*Provided that any excess energy consumption under 'Other RPO' category in a particular year can be utilised to meet the shortfall in achievement of specified Wind RPO or Hydro RPO.*

*Provided that obligated entities which 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.*

- (2) *For the purpose of this RPO framework, for every obligated entity, own consumption would mean gross energy consumed or purchased by the obligated entity from all sources for its own use or for the purpose of supply to its consumers within its area of supply, excluding any inter-se sale of electricity amongst the Licensees or outside consumers.*
- (3) *Distribution licensee shall be eligible to utilise the gross Solar energy generated from the GRPV/GSPV of non-obligated entities for meeting its 'Solar RPO' compliance based on the gross energy generated meter reading of such GRPV/GSPV.*
- (4) *The following percentage of total energy consumed shall be solar/wind energy alongwith/through storage.*

<b>Financial Year</b>	<b>Storage (on Energy basis)</b>
2024-25	1.5%
2025-26	2.0%
2026-27	2.5%
2027-28	3.0%
2028-29	3.5%
2029-30	4.0%

- (5) *The Energy Storage Obligation shall be calculated in energy terms as a percentage of total consumption of electricity and shall be treated as fulfilled only when and at least 85% of the total*

*energy storage in the Energy Storage System (ESS), on an annual basis, is procured from renewable energy sources.*

*(6) The Energy Storage Obligation to the extent of energy stored from RE sources shall be considered as a part of fulfilment of the total RPO as mentioned under sub-regulation (1) of this regulation.*

*(7) UREDA will maintain the data related to compliance of RPO Obligation."*

**3. Insertion after Sub0Regulation (9) of Regulation 37 of the Principal Regulations:**

***"37. Grid Interactive Roof-top Solar PV Plants (GRPV)/Grid Interactive Small Solar PV Plants (GSPV)***

*(1) xxx*

*(2) xxx*

*...*

*(10) Timeline for key activities shall be governed by the time specified under the Electricity (Rights of Consumers) Rules, 2020 as amended from time to time."*

By the Order of the Commission

(Neeraj Sati)  
Secretary