

# UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

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

## Draft Notification

February ....., 2023

.....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, 2018 (Principal Regulations) 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, 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 9 of the Principal Regulations:

The amended Regulation shall be read as under:

*“9. 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>Other RPO</b>	<b>Total RPO</b>
2022-23	0.81%	0.35%	23.44%	24.61%
2023-24	1.60%	0.66%	24.81%	27.08%
2024-25	2.46%	1.08%	26.37%	29.91%
2025-26	3.36%	1.48%	28.17%	33.01%
2026-27	4.29%	1.80%	29.86%	35.95%
2027-28	5.23%	2.15%	31.43%	38.81%
2028-29	6.16%	2.51%	32.69%	41.36%
2029-30	6.94%	2.82%	33.57%	43.33%

- (a) Wind RPO shall be met only by energy produced from Wind Power Projects (WPPs), commissioned after 31<sup>st</sup> March 2022 and the wind energy consumed over and above 7% from Wind Power Projects commissioned till 31<sup>st</sup> March, 2022.
- (b) HPO shall be met only by energy purchased from LHPs (including PSPs and Small Hydro Projects (SHPs)), commissioned after 8<sup>th</sup> March 2019.
- (c) Other RPO shall be met by energy produced from any RE power project not mentioned in (a) and (b) above.

Provided that from FY 2022-23 onwards, the energy from all Hydro Power Projects will be considered as part of RPO. The HPO trajectory, as has been considered above will continue to prevail for LHPs (including PSPs and SHPs) commissioned after 8<sup>th</sup> March, 2019. Energy from all other Hydro Power Projects including free power from Hydro Power Projects commissioned before 8<sup>th</sup> March, 2019 will be considered as part of RPO under category of 'Other RPO'.

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 HPO obligation of the Distribution licensee may be met out of the free power being provided to the State from LHPs (including PSPs and SHPs), commissioned after 8<sup>th</sup> March 2019 as per agreement at that point of time excluding the contribution towards LADE, if consumed within the Discom. Free Power (not that contributed for Local Area Development) shall be eligible for HPO benefit.*

*Provided that any shortfall remaining in achievement of 'Other RPO' category in a particular year can be met with either the excess energy consumed from Wind Power Plants, commissioned after 31st March 2022 beyond 'Wind RPO' for that year or with excess energy consumed from eligible LHPs (including PSPs and SHPs), commissioned after 8<sup>th</sup> March 2019 beyond 'HPO' for that year or partly from both. Further, any shortfall in achievement of 'Wind RPO' in a particular year can be met with excess energy consumed from Hydro Power Plants, which is in excess of 'HPO' for that year and vice versa.*

- (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 rooftop or small solar power plants of non-obligated entities for meeting its 'Other RPO' compliance based on the gross energy generated meter reading of such rooftop or small solar power plant.*
- (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>
2023-24	1.0%
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) SLDC will maintain a data related to compliance of RPO Obligation.”*

By the Order of the Commission

(Neeraj Sati)  
Secretary