

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

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

Draft Notification

June, 2017

.....In exercise of powers conferred under section 181(2)(zp) 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, 2013 (Principal Regulations) and subsequent amendment made in the same, 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) (Sixth Amendment) Regulations, 2017.
- (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.*

Provided that Regulation 9(1) of the Principal Regulations shall continue to be valid upto 31.03.2019.

2. Amendment in Sub-Regulation 2(3) of the Principal Regulations:

The amended Regulation shall be read as under:

“The generic tariff specified for Solar PV, Solar Thermal power projects under these Regulations shall be the maximum tariff and the distribution licensee shall invite bids from generators/developers for procurement of power from these generators/ developers. The distribution licensee shall enter into a PPA with the generators/developers bidding lower tariff.

Provided, implementation of Canal Bank and Canal Top Solar PV Plants by the eligible government organization (as specified by MNRE) may also be done through tariff based bidding process. In such cases PPA for sale of power from these plants, implemented through tariff based bidding process, shall be signed with distribution licensee at a tariff which shall be 10% higher than the tariff quoted by L-1 bidder.

Provided implementation of Solar PV projects in the land owned by the State Government organizations such as Uttarakhand Sheep and Wool Development Board and Panchayats (Gram Panchayat) shall be exempted from the bidding process and tariff in respect of such projects shall be in accordance with the capital cost approved by the Commission from time to time or the quoted capital cost by the EPC, whichever is lower.

Provided, in no case PPA for purchase of power by the distribution licensee shall be executed at a tariff exceeding the ceiling tariff as specified by the Commission in accordance with the regulations."

3. Amendment in Sub-Regulation 3(1)(l) of the Principal Regulations:

The amended Regulation shall be read as under:

"Date of commercial operation or Commissioning (CoD)" in relation to a unit means the date declared by the generator on achieving maximum continuous rating through a successful trial run and in relation to the generating station, the date of commercial operation means the date of commercial operation of the last unit or block of generating station and expression 'commissioning' shall be construed accordingly. In case of Small Hydro Plants the date of commissioning shall, however, not be linked to achieving maximum continuous rating, but the generator will have to demonstrate the same within three years of commissioning.

Provided further that in case of Solar PV plant, date of commercial operation or Commissioning (CoD) shall be considered as the date of first injection of power into the licensee's grid after completion of the project in all respect subsequent to compliance of all the following pre-requisites:

- (a) Installation of energy meter as certified by the concerned Executive Engineer of the distribution licensee.*
- (b) Project completion report as verified by UREDA, the State nodal agency.*
- (c) Issuance of Clearance Certificate by the Electrical Inspector.*

Further, such generator has to demonstrate MCR of the project within six month from the date of commissioning."

4. Amendment in Regulation 9(1) of the Principal Regulations:

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.

Year	Renewable Purchase Obligation -Non-Solar	Renewable Purchase Obligation – Solar
	Revised	Revised
2013-14	6.00%	0.050%
2014-15	7.00%	0.075%
2015-16	8.00%	0.100%
2016-17	8.00%	1.500%
2017-18	9.50%	4.75%
2018-19	10.25%	6.75%

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.

Provided, Non-Solar & Solar RPO for FY 2017-18 and FY 2018-19 shall be applicable on total consumption of electricity by an obligated entity excluding consumption met from hydro sources of power.

Provided that if energy from renewable and non-conventional sources of energy becomes available in the State, over and above the specified RPO, the generator or the distribution company of the State can approach the Commission for permitting procurement of such energy in excess of specified RPO."

5. Amendment in Regulation 28 of the Principal Regulations:

The amended Regulation shall be read as under:

"Small Hydro Generating Plant

The technology specific parameters for determination of generic tariffs for Small Hydro Generating Stations shall be as below:

Projects Commissioned on or after 01.04.2013

Project Size	Capital Cost	O&M Expenses for the year of commissioning	Capacity Utilization Factor	Auxiliary Consumption
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	(%)	(%)
Upto 5 MW	785	35.33	40%	1%
> 5 MW & upto 15 MW	750	30.00		
> 15 MW & upto 25 MW	715	25.03		

NOTE:

For the purpose of this Regulation, normative CUF is based on Energy Sent Out at interconnection point and for tariff purposes energy net of free power to the home State, if any, committed by the developer shall be factored. For generic tariff determination, home State share has been taken as 18% from 16th year onwards.

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6. Amendment in Regulation 35(3) of the Principal Regulations:

The amended Regulation shall be read as under:

“Injection from roof-top solar PV sources owned by the Eligible consumer(s) or by third party shall be settled on net energy basis at the end of each Billing period.

Provided, such net energy shall not be more than 95% of the actual energy generated in the said Billing Period.

Provided, where the net energy injected exceeds 95% of the actual energy generated in a Billing Period, such excess net energy (net energy - 95% of actual energy generated) shall be paid at the lowest base slab of energy charges prescribed in the Rate Schedule for the said Eligible Consumer or at the rate discovered through tariff based bidding process whichever is lower.”

By the order of the Commission

(Neeraj Sati)
Secretary