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PART III

Notifications by High Court, Advertisement, Notices and Change of Name etc.

HARYANA ELECTRICITY REGULATORY COMMISSION

BAYS NO. 33-36, SECTOR-4, PANCHKULA – 134112

Notification

The 26th December, 2022

Regulation No. HERC/53/2021/2nd Amendment/2022.— The Haryana Electricity Regulatory Commission, in exercise of the powers conferred on it by section 181 of the Electricity Act 2003 (Act 36 of 2003) and all other powers enabling it in this behalf, after previous publication, makes the following regulations: -

Chapter – 1

General

1. Short title, commencement, extent of application and interpretation.

- (1) These Regulations may be called the Haryana Electricity Regulatory Commission (Terms and Conditions for determination of Tariff from Renewable Energy Sources, Renewable Purchase Obligation and Renewable Energy Certificate) Regulations, 2021, (2nd Amendment) 2022.
- (2) These regulations shall come into force on the date of their publication in the Haryana Government Gazette.
- (3) These regulations shall extend to all grid connected renewable energy projects and obligated entities in the State of Haryana.

2. Amendment of Regulation 62

Regulation 62 shall be read as under: -

- (1) Every obligated entity including distribution licensee, consumers owning captive power plant and open access consumers including short term open access consumers in Haryana, shall purchase energy from renewable energy sources under the Renewable Purchase Obligation (RPO) as under: -

Year	Wind RPO	HPO	Other RPO	Total RPO
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%

Year	Wind RPO	HPO	Other RPO	Total RPO
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 31st March 2022. Further, Wind RPO may also be met from the wind energy consumed over and above 7% of the total energy consumption, from WPPs commissioned till 31.03.2022.
- (b) **Hydro power Purchase Obligation (HPO)** are to be met from Large (LHPs) or Small Hydro Power Projects (SHPs) including Pumped Storage Projects (PSPs), commissioned after 8th March 2019.
- (c) **Other RPO** may be met by energy produced from any RE power project not mentioned in (a) and (b) above.
- (2) From F.Y. 2022-23 onwards, the energy from all Hydro Power Projects (HPPs) will be considered as part of RPO. Energy from all other HPPs including free power from HPPs, which does not form part of the HPO trajectory, will be considered as part of 'RPO' under category of 'other RPO'.
- (3) RPO shall be calculated in energy terms as a percentage of total consumption of electricity excluding consumption met from RE sources and hydro sources.
- (4) HPO liability of the State/ Discom could be met out of the free power being provided to the State from HHPs commissioned after 08.03.2019 as per agreement at that point of time excluding the contribution towards LADF if consumed within the State/Discom. Free power (not that contributed for Local Area Development) only to extent of HPO liability of the State/Discom, shall be eligible for HPO benefit.
- (5) In case the free power, as above, is insufficient to meet the HPO obligations, then the State would have to buy the additional hydro power to meet its HPO obligations or may have to buy the corresponding amount of Renewable Energy Certificate corresponding to hydro power.
- (6) The Hydro Energy Certificate issued under the mechanism developed by CERC shall be valid instruments for the discharge of the HPO obligations.
- (7) The above HPO trajectory shall be trued up on an annual basis depending on the revised commissioning schedule of Hydro projects. The HPO trajectory for the period between 2030-31 and 2039-40 shall be notified subsequently.
- (8) Hydro power imported from outside India shall not be considered for meeting HPO.
- (9) Any shortfall remaining in achievement of 'Other RPO' category in a particular year can be met with either the excess energy consumed from WPPs, commissioned after 31st March 2022 beyond 'Wind RPO' for that year or with excess energy consumed from eligible HHPs (including PSPs), commissioned after 8th 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.
- (10) RPO for fossil fuel based Captive Power Plants (CPP) of 5 MW and above including Fossil fuel based co-generation captive plant of 5MW and above, shall be pegged at the RPO level applicable in the year in which CPP is commissioned. However, RPO of such plants commissioned up to 2018-19 shall be pegged at RPO applicable for the FY 2018-19. As and when the company add to the capacity of the CPP, it will have to provide for additional RPO as obligated in the year in which new capacity is commissioned.
- (11) The DISCOMs, while complying with the RPO, shall ensure trade-off between REC & purchase of RE Power and take financial prudent action accordingly.

Provided further, such obligation to purchase renewable energy shall be inclusive of the purchases, if any, from renewable energy sources already being made by obligated entity concerned.

Provided also that the power purchases under the power purchase agreements for the purchase of renewable energy sources already entered into by the distribution licensees and consented to by the Commission shall continue to be made till validity of the Power Purchase Agreement approved by the Commission, even if the total purchases under such agreements exceed the RPO as specified in these regulations.

- (12) The following percentage of total energy consumed, excluding consumption met from RE sources and hydro sources, shall be renewable energy along with/through storage, including pumped storage projects (PSPs) having capacity more than 25 MW:

F.Y.	Storage (on Energy basis)
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%

- (13) The Energy Storage Obligation specified above, shall be treated as fulfilled only when at least 85% of the total energy stored in the Energy Storage System (ESS), on an annual basis, is procured from renewable energy sources.
- (14) 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 also.
- (15) The Energy Storage Obligation shall be reviewed periodically considering the commissioning/operation of PSP capacity, to accommodate any new promising commercially viable Energy Storage technologies and also reduction in cost of Battery Energy Storage Systems (BESS).

By the order of the Commission

Panchkula:
The 26th December, 2022.

(Sd.)...,
Director/Tariff
HERC

[15-1]