

**HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION, SHIMLA  
NOTIFICATION**

**Shimla, the 15<sup>th</sup> July, 2021**

**No. HPERC-H(1)-438.-** The Himachal Pradesh Electricity Regulatory Commission, in exercise of the powers conferred by sub-section (1) of section 62, section 66, clauses (a), (b) and (e) of section 86 and subsection (1), clause (zi) of sub-section (2) of section 181, of the Electricity Act, 2003 (36 of 2003) and all other powers enabling it in this behalf, after previous publication, hereby makes the following amendment regulations, namely:-

**REGULATIONS**

**1. Short title and commencement.** - (1) These regulations may be called the Himachal Pradesh Electricity Regulatory Commission (Renewable Power Purchase Obligation and its Compliance) (Seventh Amendment) Regulations, 2021.

(2) These regulations shall come into force from the date of their publication in the Rajpatra, Himachal Pradesh.

**2. Amendment of Regulation 2.-** The clause (g) of Regulations (2) of the Himachal Pradesh Electricity Regulatory Commission (Renewable Power Purchase Obligation and its Compliance) Regulations, 2010 shall be substituted with the following, namely.-

“(g) **“renewable energy sources”** means non-conventional renewable electricity generating sources such as mini/micro/small hydro power projects upto and including 25 MW capacity, wind, solar including its integration with combined cycle, biomass, bio-fuel cogeneration, urban or municipal waste, such other sources as recognized or approved by the Central Government and Large Hydro Projects (LHPs) including pumped storage projects having capacity more than 25 MW commissioned on or after 8<sup>th</sup> March, 2019.”

**3. Amendment of Regulation 4.-** In regulation 4 of the Himachal Pradesh Electricity Regulatory Commission (Renewable Power Purchase Obligation and its Compliance) Regulations, 2010-

(a) the Table appearing in sub-regulation (1), shall be substituted with the following, namely:-

“ Table-Minimum percentage for Renewable Power Purchase Obligation

Year	Minimum Quantum of Purchase in percentage (%) from renewable sources (in terms of energy in kWh) of total consumption excluding consumption met from hydro sources.				
	Solar RPO	Non – Solar RPO			Total RPO
		HPO	Other Non-Solar RPO	Total Non- Solar RPO	
2021-22	10.50%	0.18%	10.50%	<b>10.68%</b>	21.18%
2022-23	As specified by the Commission.	0.35%	As specified by the Commission.	As specified by the Commission.	As specified by the Commission.
2023-24		0.66%			
2024-25		1.08%			
2025-26		1.48%			
2026-27		1.80%			
2027-28		2.15%			
2028-29		2.51%			
2029-30	2.82%				

(a) The RPPO will be on total consumption of electricity by an obligated entity, excluding consumption met from hydro-electric sources of power.

(b) Hydro Power Purchase Obligation (HPO) shall be met from the power procured from large hydro power projects including pump storage projects having capacity more than 25 MW (LHP) commissioned on and after 08.03.2019 and upto 31.03.2030 in respect of 70% of the total generated capacity for a period of 12 years from the date of commissioning. Free power to be provided as per the agreement with the State government and that provided for local Development Fund (LADF) shall not be included within the limit of 70% of the total generated capacity.

(c) HPO liability of the State/Discom could be met out of the free power being provided to the State from LHPs commissioned after 08.03.2019 as per agreement excluding the contribution towards Local Area Development Fund if consumed within the State. Free power (not that contributed for Local area development) only to the extent of HPO liability of the State/ Discom shall be eligible for HPO benefit. In case the free power is insufficient to meet the HPO obligations, then additional hydro power to meet HPO obligations.

(d) Hydro Power imported from outside India shall not be considered for meeting HPO.;

(e) In case the achievement of Solar RPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Non-Solar energy purchased beyond specified Non-Solar RPO for that particular year.

(f) In case on achievement of other Non-Solar RPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Solar or eligible hydro energy purchased beyond specified Solar RPO or HPO for that particular year.

(g) Further, in case on achievement of HPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Solar or other Non-Solar energy purchased beyond specified Solar or Non Solar RPO for that particular year.

(b) for the Schedule under Sub-regulation (2A) of regulation 4, the following schedule shall be substituted, namely :-

**Schedule**

“(see sub-regulation (2A) of regulation 4)

**Minimum Percentage for Renewable Power Purchase obligation**

Year in which the original capacity of the captive generating plant is commissioned or augmented	Minimum Quantum of Purchase in percentage (%) from renewable sources (in terms of energy in kWh) of total consumption excluding consumption met from hydro sources.				
	Solar RPO	Non – Solar RPO			Total RPO
		HPO	Other Non-Solar RPO	Total Non- Solar RPO	
2021-22	<b>10.50%</b>	0.18%	10.50%	<b>10.68%</b>	<b>21.18%</b>
2022-23	As specified by the Commission.	0.35%	As specified by the Commission.	As specified by the Commission.	As specified by the Commission.
2023-24		0.66%			
2024-25		1.08%			
2025-26		1.48%			
2026-27		1.80%			
2027-28	2.15%				

2028-29		2.51%			
2029-30		2.82%			

(a) The RPPO will be on total consumption of electricity by an obligated entity, excluding consumption met from hydro-electric sources of power.

(b) Hydro power Purchase Obligation (HPO) shall be met from the power procured from large hydro power projects including pump storage projects having capacity more than 25 MW (LHP) commissioned on and after 08.03.2019 and upto 31.03.2030 in respect of 70% of the total generated capacity for a period of 12 years from the date of commissioning. Free power to be provided as per the agreement with the State government and that provided for local Development Fund (LADF) shall not be included within the limit of 70% of the total generated capacity.

(c) HPO liability of the State/Discom could be met out of the free power being provided to the State from LHPs commissioned after 08.03.2019 as per agreement excluding the contribution towards Local Area Development Fund if consumed within the State. Free power (not that contributed for Local area development) only to the extent of HPO liability of the State/Discom shall be eligible for HPO benefit.

(d) Hydro Power imported from outside India shall not be considered for meeting HPO.

(e) In case the achievement of Solar RPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Non-Solar energy purchased beyond specified Non-Solar RPO for that particular year.

(f) In case on achievement of other Non-Solar RPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Solar or eligible hydro energy purchased beyond specified Solar RPO or HPO for that particular year.

(g) Further, in case on achievement of HPO compliance to the extent of 85% and above, the remaining shortfall if any, can be met by excess Solar or other Non Solar energy purchased beyond specified Solar or Non Solar RPO for that particular year.

(h) In case where the capacity of CPP is augmented after 31.03.2016, the year in which the capacity augmentation takes place shall be considered for applicability of RPPO rates for the entire augmented capacity. Similarly, if the capacity is further augmented, the year in which the latest augmentation takes place, shall be considered for RPPO.

**Note:** The RPO trajectory as specified by the Commission in the regulations/schedule or any other omitted/revised provisions, from time to time, for the respective years shall remain applicable and provisions to that extent shall be considered to have been saved in the regulations.”.

(c) In Sub-regulation (3)-

(I) the word “and” appearing in clause (ii) shall be omitted; and the sign “:” appearing in sub-clause (iii) shall be substituted with the following, namely:-

“: and”

(II) After clause (iii), the following new clause shall be added, namely:-

“(iv) the Renewable Energy purchased from the Power Exchange(s): ”

**By order of the Commission**

Sd/-  
(Neelam Dulta, HPAS)  
**Secretary**