

PUNJAB STATE ELECTRICITY REGULATORY COMMISSION

Notification

The 12th Dec 2022

No.PSERC/Secy./Reg./169 - In exercise of powers conferred by Sections 61, 66, 86(1)(c) and 181 of the Electricity Act, 2003 and all other powers enabling it in this behalf, the Punjab State Electricity Regulatory Commission hereby makes the following Regulations to specify the obligation to purchase of electricity from renewable energy sources and its compliance:

1. Short title and commencement

- (1) These Regulations shall be called the Punjab State Electricity Regulatory Commission (Renewable Purchase Obligation and its compliance) Regulations, 2022.
- (2) These Regulations shall come into force from 01.04.2023.
- (3) These Regulations shall apply throughout the State of Punjab.

2. Definitions and Interpretation

- (1) In these Regulations, unless the context otherwise requires:-
 - (a) “**Act**” means the Electricity Act, 2003;
 - (b) “**Central Agency**” means the National Load Despatch Centre or such other agency as the Central Commission may designate for the purpose of REC Regulations;
 - (c) “**Central Commission**” means the Central Electricity Regulatory Commission referred to in sub-section (1) of section 76 of the Act;
 - (d) “**Certificate**” means the renewable energy certificate (REC) issued in accordance with the REC Regulations;
 - (e) “**Commission**” means the Punjab State Electricity Regulatory Commission as referred in sub-section (1) of section 82 of the Act;
 - (f) “**MNRE**” means the Ministry of New and Renewable Energy;
 - (g) “**Obligated Entity**” means the entities mandated, under clause (e) of sub-section (1) of section 86 of the Act, to fulfill the Renewable Purchase Obligation, which includes distribution licensee, open access consumer and captive user;

Explanation: For the purpose of these Regulations;

The 'captive user' refers to any person who owns a grid-connected Captive Generating Plant based on conventional fuel with installed capacity of 1 MW and above, or such other capacity as may be specified by the Commission from time to time, and consumes electricity generated from such Plant for his own use;

And, the "open access consumer" refers to any person having a contract demand of 1 MW and above, or such other capacity as may be specified by the Commission from time to time, and who consumes electricity procured from conventional fuel based generation through open access.

- (h) **"Power Exchange"** means that power exchange which operates with the approval of the Central Commission;
 - (i) **"Renewable Energy Source"** means renewable energy sources approved by MNRE such as solar, wind, biomass/bagasse, municipal solid waste and other such sources;
 - (j) **"REC Regulations"** means the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022;
 - (k) **"Renewable Purchase Obligation (RPO)"** means the requirement specified by the Commission under clause (e) of sub-section (1) of section 86 of the Act, for the obligated entity to purchase electricity from renewable energy sources;
 - (l) **"RPO Manual"** means the manual issued by the State Agency for the purpose of information and guidance of obligated entities in respect of RPO compliance;
 - (m) **"State Agency"** means the agency as referred to in Regulation 5 of these regulations;
 - (n) **"Year"** means a financial year.
- (2) Words and expressions used in these Regulations and not defined herein shall have the same meanings as assigned to them in the Act, Rules and the other Regulations framed by the Commission.

- (3) Any reference to the Act, Rules and Regulations shall include amendments or consolidation or re-enactment thereof.

3. Renewable Purchase Obligation (RPO)

- (1) **RPO Targets:** Every obligated entity shall meet at least a part of its consumption of electricity from renewable energy (RE) sources as specified below:

Table-1

Financial Year	RPO
2023-24	27%
2024-25	30%
2025-26	33%
2026-27	36%
2027-28	39%
2028-29	41%
2029-30	43%

- (2) RPO may be met by energy produced from any RE power project. Provided that:
- RPO shall be calculated in energy terms as a percentage of total consumption of electricity by an obligated entity.
 - Hydro power imported from outside India shall not be considered for meeting the RPO.
 - The energy including free power being provided to the State (not that contributed for Local Area Development) from all HPPs (Hydro Power Projects including Pump Storage Projects and Small Hydro Projects) will be considered for fulfillment of RPO.
 - The Solar/wind energy alongwith/through storage will also be considered for fulfillment of RPO.
 - The renewable energy purchased through bundled power shall qualify for RPO compliance to the extent of renewable energy content in the same.