



The Mizoram Gazette

EXTRAORDINARY

Published by Authority

RNI No. 27009/1973

VOL - LIII Aizawl, Friday 29.11.2024 Agrahayana 08, S.E. 1946, Issue No. 814

NOTIFICATION

No. T.13012/1/24-MZERC/8, the 18th November, 2024: In exercise of the powers conferred by Section 181 read with Section 61 and Clauses (b) and (e) of Sub-section (1) of Section 86 of the Electricity Act, 2003 and all other powers enabling it in this behalf and after previous publication, the Mizoram Electricity Regulatory Commission hereby makes the following Regulations, namely:-

1 Short title and commencement

- (1) These Regulations may be called the **Mizoram Electricity Regulatory Commission (Renewable Purchase Obligation and its Compliance) Regulations, 2024.**
- (2) These Regulations shall be applicable in the state of Mizoram and shall apply to all obligated entities within the jurisdiction of this Commission
- (3) These Regulations shall come into force from the date of their publication in the Official Gazette of Mizoram.

2. Definitions

- (1) In these Regulations, unless the context otherwise requires,
 - (a) "Act" means the Electricity Act, 2003 (36 of 2003);
 - (b) "Central Agency" means the agency operating the National Load Dispatch Centre (NLDC) or such other agency as the Central Commission may designate from time to time;
 - (c) "Central Commission" means the Central Electricity Regulatory Commission as defined in Section 2(9) of the Act;
 - (d) "Certificate" means the Renewable Energy Certificate (REC) issued by the Central Agency in accordance with the procedures prescribed by it and under the provisions specified in the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022 as amended from time to time;
 - (e) "CERC REC Regulations, 2022" means Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022 as amended from time to time;
 - (f) "Commission" means the Mizoram Electricity Regulatory Commission;
 - (g) "Hydro Power Projects" means all hydro electric power projects irrespective of capacity and shall also include pump storage plants for the purpose of these Regulations;
 - (h) "Month" means calendar month;

- (i) **"Obligated Entity"** means an entity which is mandated to fulfill renewable purchase obligation in accordance with Regulations 3 of these Regulations;
 - (j) **"Renewable Energy Certificate Mechanism" or "REC mechanism"** means the mechanism devised for the development of market in power from non-conventional energy sources by issuance of transferable and saleable credit certificates under the CERC REC Regulations, 2022;
 - (k) **"Renewable Energy Sources" or "RE Sources"** means sources of renewable energy such as hydro, wind, solar including its integration with combined cycle, biomass, bio fuel cogeneration, urban or municipal waste and such other sources as recognized or approved by the Central Government;
 - (l) **"Renewable Purchase Obligation" or "RPO"** means the renewable power purchase obligations to be met by the Obligated Entity as per the provisions of the RPO Regulations 2024 as amended from time to time;
 - (m) **"State Agency"** means the agency as referred to in the Regulation 7 of these Regulations; and
 - (n) **"Year"** means a period commencing on 1st April of a calendar year and ending on 31st March of the immediately succeeding calendar year.
- (2) Words and expressions used in these Regulations and not defined herein but defined in the Act or the Regulations issued by the Central Commission or any other Regulations issued by the Commission, shall have the same meaning assigned to them respectively in the Act, or such other Regulations issued by the Central Commission or such other Regulations issued by the Commission.

3. Applicability of Renewable Purchase Obligation (RPO)

- (1) The following entities are obligated to fulfill RPO under these Regulations, namely:-
- (a) the Distribution Licensee;
 - (b) any person, consuming electricity procured from conventional sources (i.e. other than renewable energy sources) through open access or otherwise;
 - (c) any person who installs Captive Generating Plant, with an installed capacity exceeding 5 MVA, based on conventional technology (i.e. other than any renewable energy technology) and consumes electricity from such Plant purely for meeting his Standby (or emergency back-up) requirements in the exceptional circumstances of power cuts/breakdown etc. in his normal source of power; and/or
 - (d) any person who installs Captive Generating Plant, with an installed capacity exceeding 1MVA, based on conventional technology (i.e. other than renewable energy technology) and consumes electricity from such plant for meeting his normal requirements, apart from his standby (or emergency back-up) requirements.
- (2) The Co-generation plants based on Waste Heat Recovery System (WHRS), irrespective of type of fuel used in such plants, shall be exempted from the applicability of Renewable Purchase Obligations provided in the Regulation 4 of these Regulations.
- (3) Save as provided in Sub-regulations (1) and (2) of this Regulation, a retail consumer of Distribution Licensee shall not be considered as Obligated Entity to the extent of its consumption in its capacity as a retail consumer of the Distribution Licensee.

4. Quantum of Renewable Power Purchase Obligation (RPO)

- (1) The Obligated Entity shall, during each year, purchase or generate and consume such quantum of electricity (in kWh) from renewable sources not less than the quantum of electricity (in kWh),

worked out as specified in the Annexure-1 of these Regulations.

- (2) Subject to the provisions contained in Sub Regulation (3) of this Regulation, the consumption of the Obligated Entity shall be computed by taking into account the following, namely:-
- (i) the total energy purchased from various sources, interalia, including the purchases under Power Purchase Agreement(s), through energy exchanges, Unscheduled Interchange power and from joint sector projects etc.;
 - (ii) the energy generated (excluding auxiliary consumption) from the power plants, owned exclusively or jointly, by it. This shall include the standby generating set(s) also;
 - (iii) the transmission and distribution losses (T&D losses for short) borne by it for conveyance of power from the point of purchase/ generation to the point of consumption in relation to Clause (i) and (ii);
 - (iv) the sale of energy out of the energy so purchased/generated, interalia, including transmission and distribution losses borne by it for conveyance of power from the point of purchase/ generation to the point of such sale:

Provided that in case it is not feasible to identify such losses separately, the average T&D losses as per Clause (iii) shall be considered.

(v) In case of the banking arrangement(s), the energy banked/returned by the Distribution Licensee shall be considered as sale under Clause (ii) & (iv) and the energy received shall be treated as purchased under Clause (i) and (iii).

- (3) Any person/consumer, who consumes power from any source (generation/purchase), interalia, including purchase through Open Access, but other than in his capacity as a consumer of Distribution Licensee or by drawl from a Captive Generating Plant, the RPOs at the rate(s) provided in the Annexure-I under Sub-regulation (1) of this Regulation shall be applicable in respect of his consumption from such sources:

Provided that the energy purchased/generated by Obligated Entity, shall be considered to have been arranged from the sources other than the RE Sources, unless such Obligated Entity establishes to the satisfaction of the State Agency that such arrangement was arranged from RE Sources.

- (4) The Commission may, keeping in view the power supply constraints or other factors beyond the control of the Obligated Entity(ies) or for any other reasons, Suo-Moto or at the request of an Obligated Entity, also revise the percentage targets or allow inter category adjustment over and above those permissible as per the schedule to these Regulations taking into account the non-availability of such renewable energy or RE certificates in respect of any one or more categories of the RPO, for a year(s) for which Renewable Power Purchase Obligations have been fixed as per Annexure-I of these Regulations.

5. Fulfillment of Renewable Power Purchase Obligations (RPOs)

- (1) Each of the Obligated Entity shall meet, on yearly basis, the RPOs separately under each of the categories (i.e. for Wind Energy, Hydro Power Purchase (HPO), Distributed RE, other renewable energy as well as wind storage and solar storage renewable energy) as per Annexure-I of these Regulations:

Provided that the Obligated Entity shall endeavour to meet RPOs under each category on quarterly basis.

- (2) The Obligated Entity may meet its Renewable Power Purchase Obligation (RPO), as specified in Regulation 4 and Annexure-I of these Regulations, from the renewable sources relevant to respective categories of RPOs, including the following, namely.-

- (i) purchase of energy from generating stations, based on RE Sources;
- (ii) purchase of energy from any other person, or any platform facilitating exchange of power, which would arise from RE Sources;
- (iii) purchase of free power (royalty) of the State Government by the Distribution Licensee depending upon the renewable source from where such free power has arisen subject to the condition and limitation as may be prescribed by the Central Government from time to time;
- (iv) the energy generated from its own RE Sources, if any; and
- (v) receipt of energy under banking arrangement(s) which has, as per the agreement(s) arisen from RE Sources:

Provided that the T&D losses borne by the Obligated Entity in relation to procurement of energy shall also be included for computing the quantum of energy procured for each of such sources:

Provided further that the Obligated Entity may also meet RPPOs by redeeming, wherever permissible, the certificates already held by it:

Provided further that the renewable energy sold, if any, by the Obligated Entity to any other entity out of availability as per Clause (i) to (v) of sub-regulation (2) of this regulation as well as the T&D losses borne by the Obligated Entity from a point of purchase/generation to the point of such sale, shall not qualify for offsetting RPOs:

Provided further the electricity purchased by the Obligated Entity under REC mechanism as per Regulation 10 of these Regulations shall not qualify for offsetting RPOs in respect of generating company:

Provided further that the quantum of electricity generated by the Consumer/Prosumer, through rooftop solar PV system under net metering/net billing/ group metering arrangements in any year, shall qualify towards compliance for RPO of the Distribution Licensee or the Consumer/Prosumer, as the case may be, for that year in accordance with the provisions contained in Mizoram Electricity Regulatory Commission adoption of the Joint Electricity Regulatory Commission for Manipur & Mizoram (Metering for Grid Connected Renewable Energy) Regulations 2016, Order 2024 and amended from time to time.

- (vi) The Obligated Entity can also meet their Renewable Purchase Obligation by purchasing green hydrogen or green ammonia and the quantum of such green hydrogen or green ammonia would be computed by considering the equivalence to green hydrogen or green ammonia produced from the one MWh of electricity from the renewable sources or its multiples and norms in this regard as may be notified by the Central Commission.
 - (vii) The procurement of green energy from the Distribution Licensee or any person other than the Distribution Licensee as per the Electricity (Promoting Renewable Energy through Green Energy Open Access) Rules, 2022, by the open access consumer being an Obligated Entity, in excess of Renewable Purchase Obligation, shall be counted towards the Renewable Purchase Obligation Compliance of the Distribution Licensee.
- (3) In case the Obligated Entity expects any shortfall in meeting RPOs of one or more categories in a year, it shall meet such shortfall by procuring power, or certificates, from RE Sources based on respective technology (ies) before close of that year:

Provided that the shortfall for a category of RPOs in a year may be offset, to the extent permissible under Annexure - I of these Regulations or as per Sub-Regulation (4) of Regulation 4 of these Regulations, by adjustment of surplus availability under other category of RE Sources:

Provided further that in case the CERC REC Regulations, 2022 or the Procedure made thereunder, provide for inter category convertibility of certificates on the basis of Certificate

multipliers and such multipliers shall also be applicable for the purpose of offsetting the shortfalls or computing surpluses. The shortfall in any category of RPOs may be met by purchasing certificates related to other categories of RPOs by suitably applying such Certificate multiplier fixed by the Central Commission.

- (4) Failure on the part of any Obligated Entity to meet its RPO in any financial year shall be dealt in accordance with the provisions contained in Regulation 9 of these Regulations.

6. Certificates under the Regulations of the Central Commission

- (1) Subject to the terms and conditions contained in these Regulations, the Certificates issued under the CERC REC Regulations, 2022 shall be the valid instruments for the discharge of RPO.
- (2) Further, subject to the provisions of these Regulations and directions as the Commission may give from time to time, the Obligated Entity as well as the State Agency shall act in accordance with the CERC REC Regulations, 2022 in regard to matter relating to the Certificates and fulfillment of RPO.
- (3) The details of Certificates, along with its source, purchased by the Obligated Entities from the Power Exchanges or through Electricity Traders, in terms of the Regulations of the Central Commission mentioned in Sub-regulation (1), shall be submitted to the State Agency.
- (4) The Obligated Entity shall apply for the certificates, in accordance with the provisions of CERC REC Regulations, 2022, these Regulations and Procedure framed thereunder as well as the directions, if any, issued by the Commission, for such part of energy purchased/generated from the RE Sources of respective category which remains unadjusted/unsold in the year.
- (5) The purchaser shall be exclusively entitled for offsetting the RPO and getting RECs for surpluses, if any, for purchase of renewable energy, other than the purchases under REC mechanism.
- (6) On application by the Obligated Entity for issuance of certificate, the State Agency shall, after satisfying itself, about the entitlement of that Obligated Entity initiate the process with regard to the accreditation of the Obligated Entity for issuance of certificates.
- (7) Renewable energy generator selling power to the Distribution Licensee under Power Purchase Agreement(s), other than those under REC mechanism, shall not be eligible for accreditation under the REC mechanism for issuance of Renewable Energy Certificates (hereinafter to be referred as 'RECs') in respect of the renewable energy against which the Obligated Entity is eligible to offset its RPOs.
- (8) The State Agency and the other concerned agency(ies) shall ensure that no permission is accorded under REC mechanism in favour of any renewable energy generator for accreditation under REC mechanism and also for issuance of RECs in respect of the energy for which they are not eligible for such accreditation as per the Sub-regulation (7) of this Regulation.
- (9) The State Agency and the other concerned agency(ies) before according any permission, in favour of Renewable Energy Generator, for accreditation as well as issuance of RECs, shall also require such generator to provide a Certificate from the concerned entity, to whom such generator may be selling or otherwise providing power from his Renewable Energy project, to the effect that such energy has not been, and also shall not be, adjusted for offsetting the RPOs or for getting Certificate as per the provisions of these Regulations.

7. State Agency

- (1) The Mizoram State Load Dispatch Centre, Power & Electricity Department, Government of Mizoram shall be the State Agency for the purpose of CERC REC Regulations, 2022 and these Regulations to cater the State specific issues without prejudice to the power and functions conferred under CERC REC Regulations, 2022:

Provided that the Commission may designate any other agency as State Agency after satisfying itself that such agency has a required capability of performing its functions provided under these Regulations and CERC REC Regulations, 2022 or procedure framed by the Central Agency under CERC REC Regulations, 2022.

- (2) The State Agency shall function as per the provisions, including the Procedures of CERC REC Regulations, 2022 read with these Regulations and directions, if any, issued by the Commission.
- (3) (i) The State Agency shall, in consultation with the Commission and NLDC, develop and maintain RPO Web-portal for registration by the Obligated Entities and for the compliance, monitoring and reporting etc., of RPOs and simultaneously formulate suitable Procedures for smooth functioning of Web-portal in relation to such activities.
(ii) The State Agency shall, after the RPO web-portal is developed and Procedures are formulated under Clause (i), through public notices, declare the Web-portal to be operative:
Provided that such development shall be suitably coordinated with the facility available/ planned under the National Web-portal developed for the purpose.
- (4) (i) The State Agency shall, submit on quarterly as well as yearly basis status to the Commission in respect of compliance of renewable power purchase obligation by the Obligated Entity(ies) as per Annexure-II, Annexure-III (A), Annexure-III (B), Annexure-III (C) and Annexure-III (D) of these Regulations or as may be required by the Commission from time to time.
(ii) The State Agency may also recommend appropriate action to the Commission, if required, for compliance of the Renewable Power Purchase Obligation.
- (5) The Commission may from time to time fix the remuneration and charges payable to the State Agency for discharge of its functions under these Regulations and CERC REC Regulations, 2022.

8. Registration and reporting by the obligated entities

- (1) The Obligated Entities, including those already registered off line with the State Agency, shall mandatorily register themselves online on RPO Web-portal within three months from the date on which the RPO Web-portal is declared, under Clause (ii) of Sub-Regulation (3) of Regulation 7 to be operative, or from the date on which the entity qualifies for being an Obligated Entity under these Regulations whichever is later and shall also furnish requisite information, on quarterly and annual basis as per the Procedure formulated by the State Agency under Clause (i) of Sub-Regulation (3) of Regulation 7.
- (2) The Obligated Entity shall have the exclusive right to adjust, in any sequence, the energy procured by it from RE Sources, as per Sub-Regulation 2 of Regulation 5 of these Regulations for meeting its RPOs for relevant category and also for procuring certificates for the surplus procurement of renewable energy, if any, after offsetting the RPOs.
- (3) The Obligated Entities shall submit, online, necessary details, duly taking into account the provisions specified under Regulations 4 and 5 of these Regulations, regarding total consumption of electricity, power purchased from RE Sources or Renewable Energy Certificate(s) procured and the shortfall, or surpluses as the case may be, in meeting the RPOs alongwith the reasons for shortfalls, if any, and the plans for fulfillment of RPO as well as any other information as the State Agency may require, on quarterly basis before the end of the sixth week of the succeeding quarter and annual consolidated report on or before the 15th May of the succeeding year:
Provided that till such time the RPO Web-portal becomes fully operative under Clause (ii) of Sub-Regulation (3) of Regulation 7, such information shall be submitted alongwith its hard copy to the State Agency as per clause (i) of Sub-Regulation (4) of Regulation 7 of these Regulations.
- (4) The State Agency shall get the data submitted as per Regulation (2) and (3) of this Regulation, to

it by the Obligated Entities and verified from the Mizoram State Load Dispatch Centre in case of Open Access Consumers and the officers designated by the Distribution Licensee in case of the Captive Consumers:

Provided that the State Agency, if it finds appropriate, may, in consultation with the Commission, also appoint the third party verifier, for verification of the data of the Obligated Entities.

- (5) Save as provided in Sub-Regulations (2), (3) and (4) of this Regulation, the Distribution Licensee shall also indicate, along with sufficient proof thereof, the estimated quantum of purchase from RE Sources, relevant to each category of RPOs, for the ensuing year(s) in MYT tariff/annual performance review petition in accordance with Regulations made by the Commission. The estimated quantum of purchase shall duly take into account the provisions of Regulation 4 of these Regulations.
- (6) The State Agency shall post the status prepared by it, as per Clause (i) of Sub-Regulation (4) of Regulation 7 on its website.

9. Consequences of default

- (1) Where, during any year, the Obligated Entity does not fulfill the renewable energy purchase obligation as provided in these Regulations and also does not purchase the certificates, the Commission may direct the Obligated Entity to deposit into a separate fund, to be created and maintained by such Obligated Entity or State Agency as the case may be, such amount as the Commission may determine on the basis of the shortfall in units of RPO:

Provided that the fund so created shall be utilised, as may be directed by the Commission partly for purchase of the certificates and partly for development of transmission/sub-transmission infrastructure for evacuation of power from generating stations based on RE Source:

Provided further that the Obligated Entities shall not be authorized to use the fund created in pursuance of these Regulations without prior approval of the Commission:

Provided further that the Commission may empower an officer of the obligated entities State Agency to procure from the Power Exchange(s) or through Electricity Traders the required number of certificates to the extent of the shortfall in the fulfillment of the obligations, out of the amount available in the fund.

- (2) Where any Obligated Entity fails to furnish requisite information, as provided under Regulation 8, or fails to comply with the obligation to purchase the required percentage of power from RE Sources as provided under these Regulations or fails to purchase the Renewable Energy Certificates, it shall be liable for penalty as may be imposed by the Commission under Section 142 of the Act:

Provided that in case of genuine difficulty in complying with the Renewable Power Purchase Obligation because of non-availability of certificates, the Obligated Entity may approach, along with complete detail, to the State Agency or the Commission in case of Distribution Licensee, for allowing carry forward in the RPO as per Sub-Regulation (3) of Regulation 5 of these Regulations:

Provided further that where the Commission has consented to carry forward of compliance requirement, the provisions of Sub-Regulation (1) or the provisions of Section 142 of the Act shall not be invoked.

10. Purchase of Electricity under REC Mechanism

The term, 'Energy Purchased under REC Mechanism', shall mean the energy purchased by an Obligated Entity from RE Sources, under the Power Purchase Agreement(s) or any other arrangement signed by it on or after the effective date of these Regulation with specific provisions that such purchase shall not entitle the Obligated Entity to deal with the green attributes for the quantum of energy so purchased.

11. Overriding effect

The provisions of these Regulations, including the orders or directions issued by the Commission under these Regulations, shall have effect notwithstanding anything inconsistent therewith contained in any other Regulations, framed by the Commission, relating to the determination of tariff, and/or making provisions for Open Access under the Act.

12. Power to remove difficulties

If any difficulty arises in giving effect to any of the provisions of these Regulations, the Commission may, either Suo- Motu or on an application made to it, by general or special order, direct the licensee/generator or any other person to take suitable action, not being inconsistent with the Act, which appears to the Commission to be necessary or expedient for the purpose of removing the difficulty.

13. Issue of orders and directions

Subject to the provisions of the Act and these Regulations, the Commission may, from time to time, issue orders and practice directions with regard to the implementation of these Regulations and procedure to be followed for such implementation and matters incidental or ancillary thereto. Such direction(s) issued by the Commission shall be binding on the State Agency and the Obligated Entity.

14. Saving of Inherent Powers of the Commission

Nothing contained in these Regulations shall limit or otherwise affect the inherent powers of the Commission to adopt a procedure, which is at variance with any of the provisions of these Regulations, if the Commission, in view of the special circumstances of the matter or class of matters and for reasons to be recorded in writing, deems it necessary or expedient to depart from the procedure specified in these Regulations.

15. Repeal and Savings

- (1) Save as otherwise provided in these Regulations, the Mizoram Electricity Regulatory Commission adoption of the Joint Electricity Regulatory Commission for the States of Manipur & Mizoram (Renewable Purchase Obligation and its Compliance) Regulations, 2010, Order 2024, and all subsequent amendments thereto shall stand repealed from the date of coming into force of these Regulations.
- (2) Notwithstanding such repeal:
 - (a) anything done or any action taken or required to be taken or purported to have been done or taken or permission granted or any document or instrument executed or any direction given under the repealed Regulations shall, in so far as it is not inconsistent with the provisions of these Regulation, be deemed to have been done or taken under the corresponding provisions of these Regulations;
 - (b) as far as treatment of Certificates issued, it shall be governed as per the provisions of CERC REC Regulations, 2022 as amended from time to time.

16. Interpretation

All issues arising in relation to interpretation of these Regulations shall be determined by the Commission and the decision of the Commission on such issues shall be final.

By order of the Commission

Lalchanchinmawii,
Assistant Secretary

ANNEXURE-I

1. Minimum percentage for Renewable Purchase Obligation

Year	Wind RE	Hydro RE	Distributed RE	Other RE	Total RE
2024-25	0.67%	0.38%	0.750%	28.10%	29.91%
2025-26	1.45%	1.22%	1.05%	29.29%	33.01%
2026-27	1.97%	1.34%	1.35%	31.29%	35.95%
2027-28	2.45%	1.42%	1.65%	33.29%	38.81%
2028-29	2.95%	1.42%	1.95%	35.05%	41.36%
2029-30	3.48%	1.33%	2.25%	36.27%	43.33%

(1) The RPO target in table-I above is the minimum target determined by the Commission after taking into account the conditions applicable for hilly and North Eastern States/ Union Territories specified in Note 1 under the table of RPO target indicated in the MOP's Notification No. S.O. 4617 (E) dt.20.10.2023

(2) Wind RE component shall be met by energy produced from Wind Power Projects (WPPs), commissioned after the 31st March, 2024.

(3) Hydro RE component shall be met only by energy produced from Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)] commissioned after the 31st March, 2024:

Provided that the Hydro Renewable Energy component may also be met out of the free power being provided to the State/ DISCOM from the Hydro Power Projects commissioned after the 31st March, 2024.

Provided further that the Hydro Renewable Energy component may also be met from Hydro Power Projects located outside India as approved by the Central Government on a case-to-case basis.

(4) The Distributed Renewable Energy component shall be met only from the energy generated from renewable energy projects that are less than 10MW in size and shall include solar installations under all configurations (net metering, gross metering, virtual net metering, group net metering, behind the meter installations and any other configuration) notified by the Central Government:

Provided that the compliance against distributed renewable energy shall ordinarily be considered in terms of energy (kilowatt hour units).

Provided further that in case the designated consumer is unable to provide generation data against distributed renewable energy installations, the reported capacity shall be transformed into distributed renewable energy generation in terms of energy by a multiplier of 3.5 units per kilowatt per day (kWh/kW/day)

(5) The Other Renewable Energy component may be met by energy produced from any Renewable Energy power project other than specified in (2), (3) and (4) and shall comprise energy from all WPPs and Hydro Power Projects [including Pump Storage Projects (PSPs) and small Hydro Projects (SHPs)], including free power, commissioned before the 1st April, 2024.

2. Any shortfall in achievement of stipulated wind renewable energy consumption in a particular year may be met with hydro renewable energy which is in excess of that energy component for that year and vice-versa.

3. The balance excessed energy consumption under wind renewable energy or hydro renewable energy component in that year, may be considered as part of other renewable energy component.

4. Any excess energy consumption under other renewable energy component in a particular year, may be utilized to meet the shortfall in achievement of stipulated wind renewable energy or hydro renewable energy consumption.
5. The designated consumers who are open accessed consumers or consumers with Captive Power Plants shall fulfill their obligation as per the specified total renewable energy target respective of the non-fossil fuel source.
6. The specified renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and conditions for Renewable Energy Certificates for Renewable Energy Generations) Regulations, 2022, published in the Gazette of India, extra ordinary, part-III, Section IV, dated the 24th May, 2022:
Provided that any shortfall in specified renewable energy consumption targets shall be treated as non-compliance and penalty shall be imposed as such rate specified under sub-section (III) of Section 26 of the Energy Conservation Act 2001 (52 of 2001).

ANNEXURE-II

QUARTERLY / ANNUAL ACHIEVEMENT OF RPO FOR THE				
Sl. No.	Particulars	Formula	Unit	Value
1.	Total energy consumption in the area of distribution licensee.		MU	
2.	Total RPO Target		%	
3.	Total Renewable Energy Purchase requirement	1*2	MU	
4.	Wind Renewable Energy Target		%	
5.	Wind Renewable Energy Purchase requirement	1*4	MU	
6.	Hydro RE Target		%	
7.	Hydro RE Purchase requirement	1*6	MU	
8.	Distributed Renewable Energy Target		%	
9.	Distributed Renewable Energy Purchase requirement	1*8	MU	
10.	Other Renewable Energy Target		%	
11.	Other renewable Energy Requirement	1*10	MU	
12.	Actual Wind Renewable Energy Purchase		MU	
13.	Surplus/Deficit Wind Renewable Energy Power Purchase (+/-)	12-5	MU	
14.	Wind Renewable Energy Achievement	12/5	%	
15.	Actual Hydro Energy Purchase		MU	
16.	Surplus / Deficit in Hydro RE Purchase (+/-)	15-7	MU	
17.	Hydro Energy Purchase Achievement	15/7	%	
18.	Actual Distributed RE Power Purchase		MU	
19.	Surplus / Deficit in Distributed RE Purchase (+/-)	18-9	MU	
20.	Distributed RE Purchase Achievement	18/9	%	
21.	Actual Other RE Purchase	a+b+c	MU	

a.	From WPPs commissioned before 1st April, 2024		MU	
b.	From HPPs including PSPs commissioned before 1st April, 2024 including free power.		MU	
c.	From Others		MU	
22.	Surplus / Deficit in Other RE purchase (+/-)	21-11	MU	
23.	Other RPO Achievement	21/11	%	
24.	Total Renewable Energy Purchase	12+15+18+21	MU	
25.	Surplus / Deficit in RE Purchase (+/-)	24-3	MU	
26.	Total RPO Achievement	24/3	%	

ANNEXURE-III (A)

Wind RPO Compliance Statement								
NAME: Name of Distribution Licensee								
Financial Year	Actual Energy Consumption During the Year	WPO Target		Wind Energy Consumed*	Excess HPO/ Other RPO adjusted as allowed by MoP	Purchase of REC** if in future allowed to meet WPO	Total	Unfulfilled/ (Surplus) as per MoP Target
		for Financial Year as stipulated by the MoP					(C+D+E)	[1-2]
FY	(A)	(B)	[1=A*B]	(C)	(D)	(E)	[2]	[3]
	(MU)	(%)	(MU)	(MU)	(MU)	(MU)	(MU)	(MU)
2024-25								

Note:-
 * from Wind Power Projects (WPPs) commissioned after 31st March, 2024
 **currently there is no specific mechanism to fulfill WPO through REC or any other product but if in future it is developed, the details are to provided.
 Note: renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022

HPO RPO Compliance Statement									
NAME: Name of Distribution Licensee									
Financial Year	Actual Energy Consumption During the Year	HPO Target		Particulars	Hydro Energy Consumed*	Excess WPO/ Other RPO adjusted as allowed by MoP	Purchase of REC** if in future allowed to meet HPO	Total	Unfulfilled/ (Surplus) as per MoP Target
		for Financial Year as stipulated by MoP						(C+D+E)	[1-2]
FY	(A)	(B)	[1 =A*B]		(C)	(D)	(E)	[2]	[3]
	(MU)	(%)	(MU)		(MU)	(MU)	(MU)	(MU)	(MU)
2024-25				From Hydro Projects commissioned after the 31 st March, 2024					

Note:-

* from Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)], commissioned after the 31st March, 2024 that qualify to meet HPO as per the MoP notification as applicable.

**Currently there is no specific mechanism to fulfill HPO from REC or any other product but if in future it is developed, the details are to provided.

Note: Renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022

Distributed Renewable Energy RPO Compliance Statement						
NAME: Name of Distribution Licensee						
Financial Year	Actual Energy Consumption During the Year	Distributed Renewable Energy Target		Particulars	Energy Consumed from DRE Sources*	Unfulfilled/ (Surplus) as per MoP Target
		for Financial Year as per MoP				(1-2)
FY	(A)	(B)	[1=A*B*10^6]		(C)	[2]
	MU	(%)	kWh		kWh	kWh
2024-25				From renewable energy projects that are less than 10 MW in size		

Note:-

* from renewable energy projects that are less than 10 MW in size and shall include solar installations under all configurations (net metering, gross metering, virtual net metering, group net metering, behind the meter installations and any other configuration) notified by the Central Government

* if generation data against distributed renewable energy installations, the reported capacity shall be transformed into distributed renewable energy generation in terms of energy by a multiplier of 3.5 units per kilowatt per day (kWh/kW/day)

Note: Renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022

ANNEXURE-III (D)

Other RPO Compliance Statement										
NAME: Name of Distribution Licensee										
Financial Year	Actual Energy Consumption During the Year	Other RPO Target		Particulars	Solar	Wind	Hydro	Other (PLs. Specify)	Total	Unfulfilled/ (Surplus) as per MoP Target
		for Financial Year as stipulated by MoP								
FY	(A)	(B)	[1=A*B]		(C)	(D)	(E)	(F)	[2]	[3]
	(MU)	(%)	(MU)		(MU)	(MU)	(MU)	(MU)	(MU)	(MU)
2024-25				*renewable energy component met by energy produced from any renewable energy power project other than sources which complied for WPO, HPO and Distributed Renewable Energy (from all WPPs and Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)], including free power, commissioned before the 1 st April, 2024)						
				Excess of WPO and HPO to be adjusted as per MoP Order						
				Purchase of Renewable Energy Certificates						
				Total						

Note:-

** renewable energy component may be met by energy produced from any renewable energy power project other than sources of WPO, HPO and Distributed Renewable Energy*

** energy from all WPPs and Hydro Power Projects [including Pump Storage Projects (PSPs) and Small Hydro Projects (SHPs)], including free power, commissioned before the 1st April, 2024*

Note: Renewable energy consumption targets shall be met either directly or through Certificate in accordance with the Central Electricity Regulatory Commission (Terms and Conditions for Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2022, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022