



## **TAMIL NADU ELECTRICITY REGULATORY COMMISSION**

Draft Notification No. TNERC/RPO/1-2/2025, dated 21-05-2025

(Comments/suggestions are invited on or before 05-06-2025)

In exercise of the powers conferred by section 181 read with sections 61(h), 66 and 86(1)(e) of the Electricity Act, 2003 (Central Act 36 of 2003) and all other powers enabling it in this behalf, the Tamil Nadu Electricity Regulatory Commission hereby makes the following amendments to the Tamil Nadu Electricity Regulatory Commission (Renewable Energy Purchase Obligation) Regulations, 2023 (herein referred to as the Principal Regulations) and the draft of the same having been previously published as required by sub-section (3) of section 181 of the said Act.

2. Notice is hereby given that the draft Regulations will be taken into consideration after the expiry of 15 days from the date of publication of this notification in the TNERC website and that any objection or suggestion, which may be received from any person before the expiry of the aforesaid period, will be considered by the Commission.

3. Objection or suggestion, if any, should be addressed in duplicate to the Secretary, Tamil Nadu Electricity Regulatory Commission, 4<sup>th</sup> floor, SIDCO Corporate Office Building, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai – 600 032.

### **Amendment Regulations**

**1. (a)** This Regulation may be called Tamil Nadu Electricity Regulatory Commission (Renewable Energy Purchase Obligation) (Amendment) Regulation, 2025;

**(b)** It shall come into force from April 01, 2024.

## 2. Amendment to the Annexure-I of the Principal Regulations:

For Annexure -I of the Principal Regulations, the following entries shall be substituted, namely:-

### *“Annexure-I (Minimum percentage for Renewable Purchase Obligation)*

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

Sl. No.	Year	Wind Renewable Energy	Hydro Renewable Energy	Distributed Renewable Energy	Other Renewable Energy	Total Renewable Energy
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	2024-25	0.67%	0.38%	1.50%	27.35%	29.91%
2	2025-26	1.45%	1.22%	2.10%	28.24%	33.01%
3	2026-27	1.97%	1.34%	2.70%	29.94%	35.95%
4	2027-28	2.45%	1.42%	3.30%	31.64%	38.81%
5	2028-29	2.95%	1.42%	3.90%	33.10%	41.36%
6	2029-30	3.48%	1.33%	4.50%	34.02%	43.33%

**Note 1:** *The wind renewable energy component shall be met by energy produced from Wind Power Projects (WPPs) commissioned after the 31st March, 2024.*

**Note 2:** *The hydro renewable energy 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.*

**Note 3:** *The distributed renewable energy component shall be met only from the energy generated from renewable energy projects that are less than 10 MW in size and shall include solar installations under all configurations such as net metering, gross metering, etc. as notified by the Commission from time to time.*

*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 (as per the Energy Conservation Act, 2001) 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).*

*Provided further that in case of distributed renewable energy installations installed by various prosumers in the Distribution Licensee area and if the such Distribution Licensee is unable to assess the quantum of generation due to non-availability of generation data, the generated units shall be arrived in terms of energy by a multiplier of 3.5 units per day for RPO counting of the Distribution Licensee.*

**Note 4:** *The other renewable energy component may be met by energy produced from any renewable energy power project other than specified in Note 1, 2 and 3 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.*

- a) 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.*

- b) The balance excess energy consumption under wind renewable energy or hydro renewable energy component in that year, may be considered as part of other renewable energy component.*
- c) Any excess energy consumption under Other renewable energy component in a particular year, may be utilised to meet the shortfall in achievement of stipulated Wind renewable energy or Hydro renewable energy consumption.*
- d) The open access consumers or consumers with Captive Power Plants who are also designated consumers as per the Energy Conservation Act, 2001 shall fulfil their obligation as per the specified total renewable energy target irrespective of the non-fossil fuel source. The Bureau of Energy Efficiency / State Designated Agency designated by the State Government shall enforce the applicable provisions of Energy Conservation Act, 2001 including minimum share of consumption of non-fossil sources (renewable energy) by the designated consumers.*
- e) 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 Generation) Regulations, 2022 and amendments issued from time to time:  
Provided that any shortfall in specified renewable energy consumption targets shall be treated as non-compliance and consequence of default shall be as per the Regulation 9 of this Regulation.*
- f) The Tamil Nadu Green Energy Corporation (TNGEC) shall maintain data related to compliance of renewable energy utilisation by the obligated entities and submit report to Commission quarterly as per the format communicated by the Commission from time to time.”*

**(By order of the Commission)**

**Sd/- dated 21-05-2025**

**Secretary, (i/c)**

**Tamil Nadu Electricity Regulatory Commission**

## **Explanatory Statement**

1. The Commission has notified Tamil Nadu Electricity Regulatory Commission (Renewable Energy Purchase Obligation) Regulations, 2023 vide Notification No. TNERC/RPO/01/2023, dated 27-09-2023, which came into effect from 15-11-2023. The RPO Trajectory in the TNERC RPO Regulations, 2023 was fixed based on the MoP RPO Trajectory notification dated 22-07-2022. The earlier TNERC (Renewable Energy Purchase Obligation) Regulations, 2010 was repealed.

2. In the meantime, the MoP vide notification dated 20-10-2023 has notified Renewable Consumption Obligation applicable to the Designated Consumers (including Distribution Licensee) under clauses (n) and (x) of Section 14 of the Energy Conservation Act, 2001 (52 of 2001). The notification also prescribes that it shall come into force on the 1<sup>st</sup> day of April, 2024 and till such time, the RPO trajectory specified in paragraphs 5 to 14 vide MoP Order No. 9/13/2021-RCM, dated 22-07-2022 read with Corrigendum, dated 19-09-2022 shall remain in force.

3. Further, the MoP vide F.No. 09/01/2025-RCM, dated 16-04-2025 has clarified that after notification of RCO dated 20-10-2023 under Energy Conservation Act, 2001, all the earlier notifications related to RPO issued by MoP including clarification vide order No. 30/04/2018-R&R dated 01-10-2019 related to captive users have been superseded and are not applicable w.e.f 01-04-2024. The MoP has clarified that all the designated consumers, including Captive users, are required to comply with the specified RCO targets under the said notification and any deviation from such targets would be considered as non-compliance and would be liable for action as per provisions under Energy Conservation Act, 2001, as amended from time to time.

4. It is also to be noted that the Central Electricity Authority in their Reports on Resource Adequacy Plan for various States including Tamil Nadu has considered only RCO trajectory notified by MoP in their order dated 20-10-2023 to fulfill the RPO by the States.

5. In view of the above, the draft amendment is issued to the TNERC (Renewable Energy Purchase Obligation) Regulations, 2023 after due consideration of the RCO trajectory notified by the MoP vide order dated 20-10-2023 and further seeks to incorporate the revised RPO trajectory in the Tamil Nadu Electricity Regulatory Commission (Renewable Energy Purchase Obligation) Regulations, 2023.

(By order of the Commission)

Sd/- dated 21-05-2025  
Secretary (i/c)  
Tamil Nadu Electricity Regulatory Commission