

ARUNACHAL PRADESH STATE ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Draft APERC (Renewable Purchase Obligation and its compliance) Regulation (Third Amendment)2025.

THE 7th August, 2025

No. APERC/NOTIFICATION/2025 – The Ministry of Power vide notification S.O. 4617(E) dated New Delhi, the 20th October 2023 in consultation with Bureau of Energy Efficiency has specified the minimum share of consumption of non-fossil sources (renewable energy) by designated consumers as energy or feedstock and different share of consumption for different types of non-fossil sources for different designated consumers in respect of electricity distribution licensee and other designated consumers who are open access consumers or captive users to the extent of consumption of electricity from sources other than distribution licensee as a percentage of their total share of energy consumption.

In order to promote generation of Renewable Energy in the state of Arunachal Pradesh, the Arunachal Pradesh State Electricity Regulatory Commission in exercise of the powers conferred by clauses (zi), (zj), (zk), and (zo) of sub-section (2) of section 181, read with sub-sections (1) & (2) of section 91 and sub-sections (1) of section 92, of the Electricity Act, 2003 (Act No.36 of 2003) and all other powers enabling it in this behalf, hereby makes the following Regulations to amend the Renewable Power Purchase Obligation And Its Compliance Regulations – 2012 (herein referred to as the ‘Principal Regulation’).

CHAPTER I-GENERAL

1. Short title, commencement and interpretation:

- (1) These Regulations may be called the APERC (Renewable Purchase Obligation and its compliance) Regulations, 2025(Third Amendment).
- (2) These Regulations shall extend to the whole of the State of Arunachal Pradesh.
- (3) These Regulations shall come into force on the date of their publication in the State’s official Gazette.

2. Amendment of the Regulation 4 of the Principal Regulation and Renewable Purchase Obligation and its compliance and its compliance Regulation (2nd Amendment)2016.

| 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: For Arunachal Pradesh, the distributed renewable energy component shall be half of that given in the Table above and the remaining component for Distributed Renewable Energy is included in the other renewable energy sources keeping the total renewable energy same as per notification issued by Ministry of Power.

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

Note 3: 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:

Note 4: 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 (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).

Note 5: The other renewable energy component may be met by energy produced from any renewable energy power project other than specified in Note 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.

3. 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.
4. 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.
5. 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.
6. The designated consumers who are open access consumers or consumers with Captive Power Plants shall fulfil their obligation as per the specified total renewable energy target irrespective of the non-fossil fuel source.
7. 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, published in the Gazette of India, Extraordinary, Part III, Section 4, dated the 24th May, 2022:

- 8.** 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 (3) of section 26 of the said Act.
- 9.** In accordance with APERC Notification No. 8/2012 dated 11th April 2012, the Commission had designated the Arunachal Pradesh Energy Development Agency (APERDA) as the State Agency responsible for accrediting and recommending renewable energy projects for registration with the Central Agency. Further, the Commission hereby designates the State Agency to also monitor the compliance of Renewable Purchase Obligation (RPO) as per the above trajectory by obligated entities within the State and to submit quarterly compliance reports to the Commission.
- 10.** The Bureau shall maintain data related to compliance of renewable energy utilization by the designated consumer(s) and submit report to the Central Government.
- 11.** The trajectory as provided by Government of India will remain valid till FY 2029-30. Any new notification/amendments of RPO trajectory will be in line with Ministry of Power, Government of India.

By Order of the Commission

**Secretary(i/c),
APERC**