

TAMIL NADU ELECTRICITY REGULATORY COMMISSION

(Renewable Energy Purchase Obligation) Regulations 2010

Notification No. TNERC/RPO/19/1 dated 07-12-2010.

Sl. No.	Description	Summary																								
1.	Short Title and Commencement	<p>Tamil Nadu Electricity Regulatory Commission (Renewable Energy Purchase Obligation) Regulations 2010, Notification No. TNERC/RPO/19/1 dated 07-12-2010.</p> <p>(i) TNERC (RPO) (Amendment) Regulations 2011 notified vide Notification No. TNERC/RPO/19/2 dated 29-07-2011</p> <p>(ii) TNERC/ MO 4-2/E/RPO dated 15-07-2013</p> <p>To come into force on the date of their publication in the Tamil Nadu Government Gazette.</p>																								
2.	Definitions – Pooled Cost of Power Purchase	<p>Weighted average pooled price at which the distribution licensee has purchased the electricity including cost of self-generation in the previous year from all the long term energy suppliers but excluding those based on liquid fuel, purchase from traders, short term purchases and renewable energy sources subject to maximum of 75% of the preferential tariff fixed by the Commission to that category, sub-category of NCES generators.</p>																								
3.	Renewable Purchase Obligation (RPO)	<p>Every obligated entity shall purchase not less than defined minimum percentage of its consumption from renewable energy sources under the Renewable Purchase Obligation (RPO) during a year as specified below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 10%;">Year</th> <th colspan="2" style="width: 40%;">Minimum Quantum of total renewable purchase obligation in percentage (in terms of energy in kWh)</th> <th colspan="2" style="width: 40%;">Minimum quantum of Solar RPO in percentage out of the total Renewable purchase obligation mentioned in column (3). (in terms of energy in kWh)</th> </tr> <tr> <td></td> <td></td> <th style="width: 15%;">Distribution Licensee</th> <th style="width: 25%;">Captive & Open Access Consumers</th> <th style="width: 15%;">Distribution Licensee</th> <th style="width: 25%;">Captive & Open Access Consumers</th> </tr> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">2.</td> <td colspan="2" style="text-align: center;">3</td> <td colspan="2" style="text-align: center;">4</td> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2011-12</td> <td style="text-align: center;">9%</td> <td style="text-align: center;">9%</td> <td style="text-align: center;">0.05%</td> <td style="text-align: center;">0.05%</td> </tr> </tbody> </table> <p>In case the minimum quantum of power purchase, either in the form of Solar Renewable Energy Certificates (RECs) or Solar energy is not available in a particular year, the other renewable energy sources may be purchased for fulfillment of Solar RPO.</p> <p>Renewable energy purchased from the following sources shall be accounted for RPO purposes:</p> <p>(a) Distribution Licensees - Power purchased under preferential tariff, power generated from own sources and consumed in their area of supply and power purchased from NTPC Vidyut Vyapar Nigam Ltd. (NVVN) as Solar part of bundled power at specified rate.</p> <p>(b) Captive Consumers – Power wheeled and actually consumed from their own renewable energy sources without availing RECs or wheeling/banking/ waiver of electricity duty/tax benefits.</p> <p>(c) Open access consumers – Power wheeled and actually consumed from any renewable energy sources without availing RECs or wheeling/banking/ waiver of electricity duty/tax benefits.</p> <p>If RPO for the current year is not declared by the commission, RPO of previous year shall apply till any revision is effected by commission.</p> <p>RPO compliance shall be implemented for Captive and open access consumers in a phased manner, first phase sanctioned demand 2 MVA and above from commencement of Regulations, 2nd phase sanctioned demand 1MVA and above from 1-04-2012 and in 3rd Phase all irrespective of demand from 01-04-2013.</p>	Sl. No.	Year	Minimum Quantum of total renewable purchase obligation in percentage (in terms of energy in kWh)		Minimum quantum of Solar RPO in percentage out of the total Renewable purchase obligation mentioned in column (3). (in terms of energy in kWh)				Distribution Licensee	Captive & Open Access Consumers	Distribution Licensee	Captive & Open Access Consumers	1.	2.	3		4		1	2011-12	9%	9%	0.05%	0.05%
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4.	Certificates under the Regulations of the Central Commission	<ul style="list-style-type: none"> • Certificates for purchase of renewable energy issued under CERC Regulations 2010 shall be the valid instruments for discharge of RPO obligation • Separate quota earmarked for solar energy shall be fulfilled by purchase of Solar Certificates only. • Certificates purchased from Power Exchange to be deposited with State Agency as per procedure issued by Central Agency
5.	State Agency	The State Agency shall be the agency for accreditation and recommending the renewable energy projects for registration and to discharge other functions assigned by State Commission and CERC.
6.	Eligibility and Registration for Certificates	<p>Renewable generating Company shall be eligible for obtaining accreditation from the State Agency.</p> <ul style="list-style-type: none"> • It does not have any PPA for sale of electricity at preferential tariff. • Sells the electricity generated to the distribution licensee in Tamilnadu at a price not exceeding the pooled cost of power purchase (maximum of 75% of preferential tariff fixed by the Commission) or to any other licensee or an open access consumer at a mutually agreed price or through power exchange at market determined price. • Has entered in to PPA for sale of electricity at a preferential tariff shall not , in case of premature termination of agreement , be eligible for participating in REC scheme for a period of 3 years from the date of termination of agreement / till scheduled date of expiry of PPA whichever is earlier. • A grid connected CGP based on renewable energy sources shall be eligible for the entire energy generated excluding auxiliary consumption from such plant but including self consumption for participating in REC scheme subject to the condition that such CGP has not availed/propose any wheeling/banking/ waiver of electricity duty/tax benefits
7.	Consequence of Default	<ul style="list-style-type: none"> • If the obligated entity does not fulfill the RPO, the Commission may direct the obligated entity to deposit an amount with the State Agency on the basis of shortfall in units of RPO and the forbearance price. The penal charges shall be equivalent to the forbearance price multiplied by shortfall in units of RPO. • If the obligated entity fails to purchase the required percentage of power from renewable energy sources or to purchase REC shall be liable for penalty as decided by commission.