

# APERC Renewable Power Purchase Obligation (Compliance by Purchase of Renewable Energy/Renewable Energy Certificates) Regulations, 2017

## HIGHLIGHTS

Control Period	1st April 2017 onwards			
Renewable Purchase Obligation (RPO)	Year	Minimum quantum of purchase (in %) from renewable energy sources (in terms of energy equivalent in kWh)		
		Solar	Non-solar	Total
	2017-18	3	6	9
	2018-19	4	7	11
	2019-20	5	8	13
	2020-21	6	9	15
	2021-22	7	10	17
Obligated Entities	Distribution licensees, open access consumers and captive generating plants with installed capacity of 1 MW and above, synchronized with the grid.			
Ways to Meet RPO	Purchase of energy from generators or purchase of certificates from the power exchange.			
Eligibility to Meet RPO	<ul style="list-style-type: none"> <li>• RPO will be on the total consumption of electricity, excluding that from hydro sources other than mini hydel projects.</li> <li>• Electricity generated from rooftop solar PV systems under net metering will qualify to meet solar RPO.</li> <li>• Obligated entity shall install and maintain a solar generation meter, at its cost, if it counts energy generated from the rooftop solar PV plant to fulfill its RPO obligations.</li> <li>• Electricity purchased will qualify to meet RPO if the generator does not claim RECs.</li> <li>• Any generating company ineligible to qualify as captive generating plant as per Indian Electricity Rules, 2005, but having self-consumption will have to meet RPO.</li> </ul>			

Certificates	<ul style="list-style-type: none"> <li>• Obligations to purchase solar and non-solar energy can be fulfilled only by purchase of solar and non-solar certificates, respectively.</li> <li>• Obligated entities may fulfill their non-solar RPO obligations through equal number of solar RECs so long as the solar REC price is higher than that of non-solar RECs.</li> <li>• A renewable energy generator, including an eligible captive generating plant, shall be permitted to retain the certificates for offsetting its RPO in a financial year which is the same as the year of application.</li> <li>• The renewable energy generator shall not be allowed to retain certificates for offsetting RPO of its group companies as consumers.</li> </ul>
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## OTHER PROVISIONS

State Agency	AP State Load Dispatch Centre.
Effect of Default	<ul style="list-style-type: none"> <li>• In case of non-fulfillment of RPO by an obligated entity, the said entity may be asked by the Commission to deposit an amount into a separate Fund created and maintained by the State Agency.</li> <li>• The amount to be deposited shall be decided by the Commission on the basis of shortfall in RPO and the forbearance price.</li> <li>• The Fund shall be utilized to purchase certificates, or as may be decided by the Commission.</li> </ul>
Monitoring and Evaluation Framework	--
Links	<a href="http://www.aperc.gov.in/aperc1/index.php/main/index/2">http://www.aperc.gov.in/aperc1/index.php/main/index/2</a>
References	<a href="http://www.aperc.gov.in/aperc1/assets/uploads/files/1130f-1-of-2017_gaz.pdf">http://www.aperc.gov.in/aperc1/assets/uploads/files/1130f-1-of-2017_gaz.pdf</a>