

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

**(Renewable Energy Purchase Obligation and its compliance) Regulations, 2016,
Dated: 28-09-2016**

Sl. No.	Description	Summary		
1.	Operating Period	From the date of commencement of these Regulation and valid until March 31, 2020.		
2.	Renewable Purchase Obligation (RPO)	Year	Minimum Quantum of purchase in (%) from renewable energy sources (in terms of energy in kWh)	
			Solar	Non-Solar
		2016-17	1.80%	3.50%
		2017-18	3.75%	4.00%
		2018-19	5.50%	4.50%
		2019-20	6.55%	5.00%
			Total	
			5.30%	7.75%
			10.00%	11.55%
		<ol style="list-style-type: none"> 1. Any person who owns a Captive generating plant with installed capacity of 5 MW and above and consumes electricity generated from such plant for his own use; shall be subjected to minimum percentage of RPO to the extent of his consumption met through such captive source, excluding the captive power consumers who consume power from renewable energy based captive plants. 2. Any person having a contract demand of not less than 1 MVA and who consumes electricity procured from conventional fossil fuel based generation through open access shall be subjected to minimum percentage of RPO to the extent of his consumption met through such open access source. 3. The power purchases under the RPO sources already entered into by the Distribution Licensees and consented to by the Commission shall continue to be made till their present validity, even if the total purchases under such agreements exceed the percentage. 		
3.	Obligated Entities	These Regulations shall be applicable to all Distribution Licensees in the State as well as to open access consumers and captive users within the State.		
4.	Certificates	<ol style="list-style-type: none"> 1. The obligation to purchase electricity from generation based on solar as renewable energy source can be fulfilled by purchase of solar certificates only, and the obligation to purchase electricity from generation based on renewable energy other than solar can be fulfilled by purchase of non-solar certificates only. 2. The Certificates purchased by the Obligated entities from the power exchange in terms of the regulation of the Central Commission of these Regulations shall be deposited by the Obligated entities with the Commission in accordance with the detailed procedure issued by the Central Agency. 		
5.	State Agency	The Commission shall designate an agency as State Agency (JSERC) for accreditation and recommending the renewable energy projects for registration and to undertake functions under these Regulations.		
6.	Distribution Licensee	At the end of each financial year, the Distribution Licensee shall submit a detailed statement of energy procurement from renewable energy sources, duly certified by the auditors.		

7.	Captive User and Open Access Consumer	Captive and Open access Consumer(s)/ User(s) shall purchase renewable energy as a proportion of Captive User/ Open Access consumption. If the Captive user(s) and Open Access consumer(s) fails to fulfill the criteria, the shortfall of the targeted quantum would attract payment of regulatory charge as per these Regulations.
8.	Effect of Default	<ol style="list-style-type: none"> 1. The obligated entities in default shall pay, by 30th November of the Assessment Year, the RPO charge as the Commission may determine on the basis of the shortfall in units of renewable energy purchase obligation and the forbearance price decided by the Central Commission to the State Agency, which would deposit the amount into a separate fund. 2. The fund so created shall be utilised, as may be directed by the Commission, for purchase of the Certificates. 3. Where any Obligated entity fails to comply with the obligation to purchase the required percentage of power from renewable energy sources or the renewable energy certificates, it shall also be liable for penalty as may be decided by the Commission.
9.	RE pricing under REC mechanism	For the purpose of the Operating Period the effective electricity component price shall be equivalent to "Pooled Cost of Power Purchase" of the host Utility, whereas, the price of RECs shall be as discovered in the Power Exchange(s).