

KARNATAKA ELECTRICITY REGULATORY COMMISSION

**(Power Procurement from Renewable Sources by Distribution Licensee),
Regulations, 2011, Dated: 16-03-2011 with amendments Dated: 20-12-2011,
14-09-2012, 16-11-2015, 21-02-2017, 15-02-2018**

Sl. No.	Description	Summary																																																																																													
1.	Control Period	N.A.																																																																																													
2.	Applicability	<ol style="list-style-type: none"> 1. Distribution Licensees operating in the State of Karnataka 2. Any captive consumer consuming electricity generated from grid connected captive generating plant(s), including co-generation plant(s) and having a total installed capacity exceeding 5 MW within the State of Karnataka, and using fuel sources other than renewable sources; and 3. Any person having a Contract Demand exceeding 5MW with the Distribution Licensee and procuring electricity exceeding one MW through open access from generating plant(s) including co-generation plant(s) generating electricity using fuel sources other than renewable sources of energy or procuring electricity exceeding one MVV through Power Exchange. 4. Any person not having any contract for power supply with the Distribution Licensee and procuring electricity exceeding one MW through open access from generating plant(s) including co-generation plants(s) generating electricity using fuel sources other than renewable sources of energy or procuring electricity exceeding one MW through Power Exchange. 																																																																																													
3.	Renewable Purchase Obligation (RPO)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: center;">Non-Solar RPO</th> </tr> <tr> <th colspan="6" style="text-align: center;">Year Wise</th> </tr> <tr> <th style="text-align: center;">DISTRIBUTION LICENSEE</th> <th style="text-align: center;">2015-16</th> <th style="text-align: center;">2016-17</th> <th style="text-align: center;">2017-18</th> <th style="text-align: center;">2018-19</th> <th style="text-align: center;">2019-20 and onwards</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">BESCOM</td> <td style="text-align: center;">10%</td> <td style="text-align: center;">11%</td> <td style="text-align: center;">12.00%</td> <td style="text-align: center;">13.00%</td> <td rowspan="7" style="text-align: center; vertical-align: middle;">To be determined</td> </tr> <tr> <td style="text-align: center;">MESCOM</td> <td style="text-align: center;">10%</td> <td style="text-align: center;">11%</td> <td style="text-align: center;">12.00%</td> <td style="text-align: center;">13.00%</td> </tr> <tr> <td style="text-align: center;">CESC</td> <td style="text-align: center;">10%</td> <td style="text-align: center;">11%</td> <td style="text-align: center;">11.00%</td> <td style="text-align: center;">12.00%</td> </tr> <tr> <td style="text-align: center;">HESCOM</td> <td style="text-align: center;">7%</td> <td style="text-align: center;">7.5%</td> <td style="text-align: center;">8.50%</td> <td style="text-align: center;">9.50%</td> </tr> <tr> <td style="text-align: center;">GESCOM</td> <td style="text-align: center;">5.0%</td> <td style="text-align: center;">5.50%</td> <td style="text-align: center;">6.00%</td> <td style="text-align: center;">7.00%</td> </tr> <tr> <td style="text-align: center;">HRECS</td> <td style="text-align: center;">7%</td> <td style="text-align: center;">7.5%</td> <td style="text-align: center;">8.50%</td> <td style="text-align: center;">9.50%</td> </tr> <tr> <td style="text-align: center;">DEEMED LICENSEE(s)</td> <td colspan="4">RPO target shall be same as that of the ESCOM where the deemed Licensee(s) is situated.</td> </tr> <tr> <th colspan="6" style="text-align: center;">Solar RPO</th> </tr> <tr> <th colspan="6" style="text-align: center;">Year Wise</th> </tr> <tr> <th style="text-align: center;">DISTRIBUTION LICENSEE</th> <th style="text-align: center;">2015-16</th> <th style="text-align: center;">2016-17</th> <th style="text-align: center;">2017-18</th> <th style="text-align: center;">2018-19</th> <th style="text-align: center;">2019-20 and onwards</th> </tr> <tr> <td style="text-align: center;">BESCOM</td> <td style="text-align: center;">0.25%</td> <td style="text-align: center;">0.75%</td> <td style="text-align: center;">2.75%</td> <td style="text-align: center;">6.00%</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">To be determined</td> </tr> <tr> <td style="text-align: center;">MESCOM</td> <td style="text-align: center;">0.25%</td> <td style="text-align: center;">0.75%</td> <td style="text-align: center;">2.75%</td> <td style="text-align: center;">6.00%</td> </tr> <tr> <td style="text-align: center;">CESC</td> <td style="text-align: center;">0.25%</td> <td style="text-align: center;">0.75%</td> <td style="text-align: center;">2.75%</td> <td style="text-align: center;">6.00%</td> </tr> <tr> <td style="text-align: center;">HESCOM</td> <td style="text-align: center;">0.25%</td> <td style="text-align: center;">0.75%</td> <td style="text-align: center;">2.75%</td> <td style="text-align: center;">6.00%</td> </tr> </tbody> </table>	Non-Solar RPO						Year Wise						DISTRIBUTION LICENSEE	2015-16	2016-17	2017-18	2018-19	2019-20 and onwards	BESCOM	10%	11%	12.00%	13.00%	To be determined	MESCOM	10%	11%	12.00%	13.00%	CESC	10%	11%	11.00%	12.00%	HESCOM	7%	7.5%	8.50%	9.50%	GESCOM	5.0%	5.50%	6.00%	7.00%	HRECS	7%	7.5%	8.50%	9.50%	DEEMED LICENSEE(s)	RPO target shall be same as that of the ESCOM where the deemed Licensee(s) is situated.				Solar RPO						Year Wise						DISTRIBUTION LICENSEE	2015-16	2016-17	2017-18	2018-19	2019-20 and onwards	BESCOM	0.25%	0.75%	2.75%	6.00%	To be determined	MESCOM	0.25%	0.75%	2.75%	6.00%	CESC	0.25%	0.75%	2.75%	6.00%	HESCOM	0.25%	0.75%	2.75%	6.00%
Non-Solar RPO																																																																																															
Year Wise																																																																																															
DISTRIBUTION LICENSEE	2015-16	2016-17	2017-18	2018-19	2019-20 and onwards																																																																																										
BESCOM	10%	11%	12.00%	13.00%	To be determined																																																																																										
MESCOM	10%	11%	12.00%	13.00%																																																																																											
CESC	10%	11%	11.00%	12.00%																																																																																											
HESCOM	7%	7.5%	8.50%	9.50%																																																																																											
GESCOM	5.0%	5.50%	6.00%	7.00%																																																																																											
HRECS	7%	7.5%	8.50%	9.50%																																																																																											
DEEMED LICENSEE(s)	RPO target shall be same as that of the ESCOM where the deemed Licensee(s) is situated.																																																																																														
Solar RPO																																																																																															
Year Wise																																																																																															
DISTRIBUTION LICENSEE	2015-16	2016-17	2017-18	2018-19	2019-20 and onwards																																																																																										
BESCOM	0.25%	0.75%	2.75%	6.00%	To be determined																																																																																										
MESCOM	0.25%	0.75%	2.75%	6.00%																																																																																											
CESC	0.25%	0.75%	2.75%	6.00%																																																																																											
HESCOM	0.25%	0.75%	2.75%	6.00%																																																																																											

		GESCOM	0.25%	0.75%	2.75%	6.00%	
		HRECS	0.25%	0.75%	2.75%	6.00%	
		DEEMED LICENSEE(s)	0%	0.75%	2.75%	6.00%	
		<p>Any distribution licensee failing to achieve the specified Solar RPO or any part thereof, for the year 2017-18 , within the time specified but, having achieved compliance of such solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Non-Solar energy purchased beyond the specified Non-Solar RPO for the year 2017-18.</p> <ul style="list-style-type: none"> Every Grid Connected Captive consumer specified in first table above shall purchase a minimum quantity of 5 % of its consumption of energy from captive sources from renewable sources of energy 					
		Source	2015-16	2016-17	2017-18	2018-19	2019-20 and onwards
		NON-SOLAR	5.0%	5.5%	6%	7.0%	To be determined
		SOLAR	0%	0.75%	2.75%	6.00%	
		<ul style="list-style-type: none"> Every Open Access Consumer, specified in above, shall purchase a minimum quantity of its consumption through Open Access sources during a financial year from renewable sources of energy, as specified below: 					
		Source	2015-16	2016-17	2017-18	2018-19	2019-20 onwards
		NON-SOLAR	5.0%	5.5%	6%	7.0%	To be determined
		SOLAR	0%	0.75%	2.75%	6.00%	
4.	Alternative Modes of Compliance of RPO	<ol style="list-style-type: none"> Every Distribution Licensee, Captive Consumer and Open Access Consumer [herein after, referred to as the obligated entity] may purchase REC or consume electricity generated from its own Renewable Energy Power Plant (grid-connected or otherwise), to meet either partly or entirely, its RPO (specified in third column). Solar RPO of the obligated entity shall be fulfilled by purchase of Solar RECs or consumption of electricity from its own Solar Power Plant. The capacity of the Renewable Energy Power Plant owned by the obligated entity shall not be less than 250 kW. The obligated entity shall not have availed RECs in respect of the quantum of electricity consumed from its own Renewable Energy Power Plant for meeting its RPO. 					
5.	State Agency	<ol style="list-style-type: none"> The State Agency shall within three months from the date these Regulations coming into force formulate and notify procedures and Terms and Conditions for Accreditation, with prior approval of the Commission thereon, and shall formulate such procedures be generally guided by the procedures / rules stipulated by the Central Agency under CERC (Terms and Conditions for recognition and issuance of Renewable Energy Generation) Regulations, 2010. The Commission may from time to time fix the charges payable by RE Generating Companies to the State Agency for discharge of its functions under these regulations. 					

6.	Conditions for Accreditation	<ol style="list-style-type: none">1. A Generating Company opting for REC Scheme shall sell the electricity generated by it to ESCOMs of the State at the pooled cost of power purchase of the State, as notified by the Commission from time to time.2. Grid Connected Captive Power Producers (CPP) based on renewable sources of energy shall be eligible to get accredited for obtaining RE certificates for the energy generated and used for captive consumption and for surplus energy, if any, sold to the distribution licensee/s of the State at the average pooled power purchase cost notified by the Commission from time to time.
-----------	-------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------