

UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION

(Captive and Renewable Energy Generating Plants) Regulations, 2014,

Dated: 20-10-2015

Sl. No.	Description	Summary
1.	Control Period	3 Years (01-04-2015 to 31-03-2019)
2.	Applicability	These regulations shall apply to captive generation and renewable sources for generation and co-generation.
3.	CDM Benefits	<ol style="list-style-type: none"> 1. 100% of gross proceeds on account of CDM shall be retained by the project developer during the first year of commercial operation of the Generating plants. 2. During the second year of commercial operation, the share of the beneficiaries shall be 10% which shall progressively increase by 10% every year till it reaches 50%, where-after the proceeds shall be shared in equal proportion, by the Generating Company and the beneficiaries.
4.	Tariff Determination	The tariff in respect of a Generating Plant under these Regulations shall be applicable to the capacities or the units in respect to which an agreement has been reached between the parties for supply of electricity.
5.	Tariff for Renewable Energy based Generating Plants	<ol style="list-style-type: none"> 1. For any renewable energy technologies approved by MNRE other than those covered under these Regulations, the tariff may be determined by the Commission on case to case basis on receipt of an application for this purpose. 2. In case of fossil fuel based co-generation tariff may be determined by the Commission on a case to case basis.
6.	Open Access for Captive Power Plants	The plant seeking 'Open Access' within or outside the State through the grid shall be regulated under Regulations specified by the Appropriate Commissions.
7.	Sale of Power for Captive Plants	The plant may also supply electricity to a consumer who is permitted open access as per provisions of Open Access Regulations.
8.	Transmission charges and wheeling charges for captive / Other RE sources	The plant or the consumer, seeking 'open access' to the State and / or Inter State Transmission Systems and / or distribution system for carrying the electricity generated by it to the destination of use, shall pay the transmission charges, wheeling charges and such other charges for use of such facilities as determined by the Appropriate Commission(s).
9.	Surcharge and Additional Surcharge for Captive Plants / Other RE sources	A person, having established a Generating Plant shall be liable to pay surcharge and additional surcharge if it seeks open access for the transmission/wheeling of electricity from his Plant to a destination for consumption of power for his own use. In case, the power is supplied to a consumer then such consumer shall pay surcharge and the additional surcharge determined by the Commission. Surcharge and Additional Surcharge shall be over and above transmission and / or wheeling charges.
10.	Evacuation of Power	<ol style="list-style-type: none"> 1. Rooftop solar PV projects less than 5 kW evacuation of power shall be allowed at single phase connection. 2. Rooftop solar PV projects greater than and equal to 5 kW and upto 50 kW evacuation of power shall be allowed at 415V. 3. In case of existing plants, the connectivity shall be the same as existing on the date of these Regulations coming into effect. 4. The plant shall be responsible for construction of the evacuation system for connecting its plant with the substation of the Distribution Licensee or STU / any Transmission Licensee, as per the scheme approved by the Commission in PPA, of its own or through any other agency engaged for that purpose. The cost of

		<p>laying the dedicated transmission line to the sub-station, the required bays, associated terminal equipment and synchronization equipment shall be borne by the Generating Plant and such works shall be undertaken under approval and supervision of the Licensee / STU or any Transmission Licensee of the area in which the plant is located .</p> <p>5. In case the Generating Company elects to get the dedicated transmission line constructed by other than STU / Distribution Licensee, the supervision charges shall be payable to Distribution Licensee or STU or any Transmission Licensee as the case may be.</p>																																				
11.	Metering Arrangement	<p>1. The Generating Plant shall provide ABT compatible Special Energy Meters at the point of injection and point of drawl and shall comply with all metering requirements as notified by the State Transmission Utility.</p> <p>2. In case of Solar and wind based Generating Plants the entire cost on metering shall be borne by the Licensee.</p>																																				
14.	Energy Accounting and Billing	The State Load Despatch Centre shall do energy accounting and billing and the same shall be communicated to the utilities interacting with the grid as per the scheme framed by SLDC in pursuance of the provisions of UPERC Regulations.																																				
15.	Banking	<p>1. Banking of energy upto 100%, as agreed between the plant and the Distribution Licensee, shall be allowed.</p> <p>2. Withdrawal of power shall be allowed only during the period other than 17:00 hrs.to 22:00 Hrs.</p> <p>3. The plants shall provide ABT compliant Special Energy Meters and the monthly settlement of energy sales shall be done .</p> <p>4. Banking charges shall be 12.5% of the energy banked</p> <p>5. In case of grid connected solar energy based generating stations the banking charges shall be 6% of the energy banked.</p> <p>Captive Power Plants</p> <p>1. The withdrawal of banked energy, subject to deduction of banking charges of 12.5%, shall be allowed during the period other than 17:00 Hrs. to 22:00 Hrs, specified as peak hours.</p> <p>2. A maximum of 75%, as agreed between such plants and the Distribution Licensee, of the energy supplied to the Licensee during the day shall be considered as banked energy and the remaining as energy sold to the Licensee,</p> <p>3. Withdrawal of banked energy shall be subject to deduction of 12.5% of the banked energy as banking charges payable to the Licensee .</p>																																				
16.	Payment Mechanism	For payment of bills made through a letter of credit within a period of one month of presentation of bill for supplied power, a rebate of 2% shall be allowed. If the payments are made by a mode other than through a letter of credit but within a period of one month of presentation of bill, a rebate of 1% shall be allowed. In case the payment of bills for supplied power by the beneficiary (ies) is delayed beyond a period of 2 months from the date of billing, a late payment surcharge at the rate of 1.25% per month shall be levied by the Generating Company.																																				
17.	Bagasse based Generation & Cogeneration Plants	<p>Total Tariff –Bagasse New Projects commissioned during FY 2014-15 to FY 2018-19</p> <table border="1"> <thead> <tr> <th>Year of Commissioning</th> <th>FY 2014-15</th> <th>FY 2015-16</th> <th>FY 2016-17</th> <th>FY 2017-18</th> <th>FY 2018-19</th> </tr> </thead> <tbody> <tr> <td>FY 2014-15</td> <td>5.67</td> <td>5.75</td> <td>5.85</td> <td>5.97</td> <td>6.07</td> </tr> <tr> <td>FY 2015-16</td> <td>-</td> <td>5.90</td> <td>5.99</td> <td>6.09</td> <td>6.21</td> </tr> <tr> <td>FY 2016-17</td> <td>-</td> <td>-</td> <td>6.14</td> <td>6.24</td> <td>6.35</td> </tr> <tr> <td>FY 2017-18</td> <td>-</td> <td>-</td> <td>-</td> <td>6.38</td> <td>6.49</td> </tr> <tr> <td>FY 2018-19</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>6.64</td> </tr> </tbody> </table>	Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2014-15	5.67	5.75	5.85	5.97	6.07	FY 2015-16	-	5.90	5.99	6.09	6.21	FY 2016-17	-	-	6.14	6.24	6.35	FY 2017-18	-	-	-	6.38	6.49	FY 2018-19	-	-	-	-	6.64
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		The bagasse based generating plants, to generate more power beyond 50% PLF alongwith the variable cost, as applicable, shall be paid incentive as below: Incentive @ 50 paise per kWh					
18.	Biomass (rice husk based) Generation Plants	Total Tariff –Biomass Existing (rice husk based) Projects commissioned during FY 2014-15 to FY 2018-19					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	6.30	6.47	6.65	6.84	7.05
		FY 2015-16	-	6.58	6.76	6.95	7.16
		FY 2016-17	-	-	6.88	7.07	7.27
		FY 2017-18	-	-	-	7.19	7.39
		FY 2018-19	-	-	-	-	7.51
		Incentive to biomass (rice husk based) generating plants					
		More than 80% (PLF)			50 paise/kWh (Incentive)		
19.	Municipal Solid Waste based Generation Plants	Total Tariff –Municipal Solid Waste New Projects commissioned during FY 2014-15 to FY 2018-19					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	6.37	6.45	6.54	6.64	6.76
		FY 2015-16	-	6.64	6.72	6.82	6.93
		FY 2016-17	-	-	6.91	7.01	7.11
		FY 2017-18	-	-	-	7.19	7.30
		FY 2018-19	-	-	-	-	7.50
		Incentive to Municipal Solid Waste based generating plants					
		More than 70% (PLF)			50 paise/kWh (incentive)		
20.	Small Hydro based Generation Plants	Total Tariff –Old Small Hydro Plants					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2005-06 or earlier	2.36	1.39	1.43	1.46	1.49
		FY 2006-07	2.54	2.46	1.47	1.50	1.54
		FY 2007-08	2.73	2.65	2.56	1.55	1.58
		FY 2008-09	2.93	2.84	2.76	2.68	1.63
		Total Tariff –New Small Hydro Projects upto 5 MW (FY 2014-15 to FY 2018-19)					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	5.65	5.52	5.39	5.26	5.14
		FY 2015-16	-	5.84	5.71	5.58	5.45
		FY 2016-17	-	-	6.06	5.89	5.73
		FY 2017-18	-	-	-	6.25	6.11
FY 2018-19	-	-	-	-	6.47		

		Total Tariff –New Small Hydro Projects greater than 5 MW and upto 25 MW (FY 2014-15 to FY 2018-19)					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	4.98	4.85	4.72	4.59	4.47
		FY 2015-16	-	5.15	5.01	4.88	4.75
		FY 2016-17	-	-	5.32	5.18	5.05
		FY 2017-18	-	-	-	5.50	5.36
		FY 2018-19	-	-	-	-	5.68
		Incentive to small hydro based generating plants					
		Capacity	Plant Load Factor			Incentive	
		Existing Projects					
		Any Capacity	PLF above 35%			50 paise/kWh	
		New Projects					
		Upto 5 MW	PLF above 30%			50 paise/kWh	
		5 MW to 25 MW	PLF above 35%			50 paise/kWh	
21.	Solar based Generation Plants	Total Tariff – New Solar Grid Connected PV Projects					
		Year of Commissioning			Levelized Tariff for 25 Years		
		FY 2014-15			7.06		
22.	Any other RE source based generation	Total Tariff – Existing Plants any other RE source based projects					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	3.84	4.08	4.34	4.62	4.91
		Total Tariff –New Plants any other RE source based projects					
		Year of Commissioning	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
		FY 2014-15	4.26	4.54	4.82	5.13	5.46