

Rajasthan Solar Energy Policy, Dated: 08.10.2014

Sl. No.	Description	Summary
1.	Nodal Agency	Rajasthan Renewable Energy Corporation Limited (RREC)
2.	Objectives	<ol style="list-style-type: none"> 1. Developing a global hub of solar power of 25,000 MW capacity to meet energy requirements of Rajasthan and India. 2. Contributing to long term energy security of Rajasthan as well as ecological security by reduction in carbon emissions. 3. Providing a long term sustainable solution for meeting energy needs and considerably reducing dependence on depleting fossil fuel resources like coal, oil and gas. 4. Generating direct and indirect employment opportunities In all activities related to the generation of solar power. 5. Envisaging o solar centre of excellence that would work towards applied research and commercialization of nascent technologies to accelerate the march to grid parity.
3.	Grid Interactive Solar Power Projects	<ol style="list-style-type: none"> 1. Setting up of Solar Power Plants sanctioned under guidelines of MNRE / National Solar Mission (NSMJ). 2. Setting up of Solar Power Plants in Rajasthan for sale to Discoms of Rajasthan. 3. Utility Grid Power Projects for sale through RE (Solar) Certificate Mechanism. 4. Utility Grid Power Projects for Captive use / sale to 3rd Party / States other than Rajasthan through Open Access for promotion of investment in Rajasthan
4.	LT Grid Connected Solar Projects	Setting up of Rooftop PV Solar Power Plants connected to LT Grid: The State will promote development of Rooftop PV Solar Power Plants connected to LT under Net Metering Scheme as per guidelines of RERC.
5.	Decentralized and Off-Grid Solar Applications	<ol style="list-style-type: none"> 1. The State will promote setting up of solar power plant for sale of power to individuals through its own distribution system. 2. The State -will promote the use of SPV technology as power source for irrigation uses by installation of SPV Pumping Systems.
6.	Development of Solar Parks in the State	<ol style="list-style-type: none"> 1. Solar Parks by RREC RREC / SPV will formulate guidelines in respect of allotment of land and sharing of development cost by the solar power producers. 2. Development of Solar Parks by Private Sector Developers <ol style="list-style-type: none"> a) The Private Sector Solar Park Developer will submit the application to RREC for development of Solar Park along with processing fee @ Rs 5000 per Hectare + service tax subject to maximum of Rs 10 Lacs + service tax for each Solar Park. b) The Private Sector Solar Park Developers will be allowed to purchase agricultural land from Khotedar for developing Solar Park(s) in excess of ceiling limit in accordance with the provisions of Rajasthan Imposition of Ceiling on Agriculture Holding Act, 1973. c) Government land, if such land falls within the park or in its vicinity, may be allotted to Private Sector Solar Park Developers for development of Solar Park(s).

7.	Registration of Solar Power Project	Sr. No.	Capacity	Registration Fee (in Rs.)
		1.	For Project ≤ 10MW	50,000 per MW
		2.	For Projects > 10 MW and ≤ 50 MW	5 lac per project
		3.	For Projects > 50 MW and ≤ 100 MW	10 lac per project
		4.	For Projects >100 MW	30 lac per project
<p>1. Projects for which in-principle clearance has not been applied within the aforementioned time frame will have to deposit Rs 5000/MW plus applicable service tax to get themselves registered again.</p> <p>2. Any "parent" "subsidiary" or "ultimate parent company" may distribute / transfer capacity in between them maximum four times for setting up of projects at the time of in-principle clearance against one application / registration.</p> <p>3. No registration will be required for Rooftop PV solar power plant connected to LT Grid under this Policy.</p> <p>4. No prior registration with RREC will be required for participation in the bidding.</p>				
8.	Allotment/ Procurement of Land	Allotment of Government Land to Solar Park Developer/ Allotment of Government Land for a Solar Power Project		
		<p>1. The allotment of land to Solar Power Projects will be done as per the provisions of Rajasthan Land Revenue (Allotment of Land for setting up of Power Plant based on Renewable Energy Sources) Rules, 2007, as amended from time to time.</p> <p>2. RREC will recommend to the concerned District Collector for allotment of Government land only on submission of cash security deposit of Rs 5.00 lac per MW by demand draft / RTGS in favour of RREC, Jaipur In case land is not allotted, security deposit will be refunded.</p> <p>3. Any recommendation made by RREC regarding allotment of Government land to solar power produce rafter deposit of Rs 1 lac/ MW and in case where land has not yet been allotted, such solar power producer shall have to deposit additional security of Rs 4 lac / MW within a period of one month from coming into operation of this policy, otherwise the recommendation for allotment of government land shall stand withdrawn and the security deposit will be refunded.</p>		
		Sr. No.	Technology	Maximum Land which can be Allotted
		1.	SPV on Crystalline Technology	2.5 Hect./MW
		2.	SPV on Crystalline Technology with tracker	3.5 Hect./MW
		3.	SPV on Thin Film / Amorphous Technology with or without tracker	3.5 Hect./MW
4.	Solar Thermal (CSP)-Parabolic Trough/Tower/ Other Technology with and without storage	<ul style="list-style-type: none"> Up to PLF of 21%: 3.5 Hect./MW For every 1% increase in PLF, 0.15 Hect./MW additional land will be allotted 		

9.	Incentives / Facilities available to Solar Power Projects	<ol style="list-style-type: none"> 1. Water Resource Department will allocate required quantity of water from IGNP canal / the nearest available source for development of Solar Thermal Power Plants subject to the availability of water for power generation. 2. Rajasthan State Pollution Control Board with a view to encourage Solar Power plant in the state has notified solar power plant of all capacities under Green Category. 3. Pollution Control Board will also ensure expeditious disposal of consent applications within 15 days. 4. Banking will be allowed as per the RERC regulations. 																		
10.	Special Provision for approval of Mega Solar Power Projects	<ol style="list-style-type: none"> 1. In order to expedite the process of approval of Mega Solar Power Projects of capacity of 500 MW or more, such project proposals along with detailed project reports will be placed by RREC directly before SLEC (State Level Screening Committee) for its consideration. 2. Mega Solar Power Projects will also be eligible for benefits / concessions available under Rajasthan Investment Promotion Scheme. 																		
11.	Rajasthan Renewable Energy Development Fund	In cases where solar power projects are set up for sale of solar power to parties other than Discoms of Rajasthan, the Solar Power Producer shall contribute towards Rajasthan Renewable Energy Development Fund, a sum of Rs 1 lac / MW every year for the entire life-cycle of the project from the time of commissioning.																		
12.	Penalty	<p>Extension in time schedule may be granted by the RREC on case to case basis after depositing penalty amount as under plus service tax as applicable.</p> <table border="1" data-bbox="537 947 1438 1276"> <thead> <tr> <th data-bbox="537 947 678 999">Sr. No.</th> <th data-bbox="678 947 1143 999">Delay Time</th> <th data-bbox="1143 947 1438 999">Penalty Amount</th> </tr> </thead> <tbody> <tr> <td data-bbox="537 999 678 1052">1.</td> <td data-bbox="678 999 1143 1052">For delay upto 1 month</td> <td data-bbox="1143 999 1438 1052">Rs. 25,000 per MW</td> </tr> <tr> <td data-bbox="537 1052 678 1104">2.</td> <td data-bbox="678 1052 1143 1104">For delay upto 3 month</td> <td data-bbox="1143 1052 1438 1104">Rs. 50,000 per MW</td> </tr> <tr> <td data-bbox="537 1104 678 1157">3.</td> <td data-bbox="678 1104 1143 1157">For delay upto 6 month</td> <td data-bbox="1143 1104 1438 1157">Rs. 1,00,000 per MW</td> </tr> <tr> <td data-bbox="537 1157 678 1209">4.</td> <td data-bbox="678 1157 1143 1209">For delay upto 9 month</td> <td data-bbox="1143 1157 1438 1209">Rs. 1,50,000 per MW</td> </tr> <tr> <td data-bbox="537 1209 678 1276">5.</td> <td data-bbox="678 1209 1143 1276">For delay upto 15 month</td> <td data-bbox="1143 1209 1438 1276">Rs. 2,00,000 per MW</td> </tr> </tbody> </table> <p>SLEC may consider extension beyond 5 months where there is a reasonable certainty of commissioning of the project. In such cases, extended completion schedule and penalties shall be decided by SLEC on case-to-case basis.</p>	Sr. No.	Delay Time	Penalty Amount	1.	For delay upto 1 month	Rs. 25,000 per MW	2.	For delay upto 3 month	Rs. 50,000 per MW	3.	For delay upto 6 month	Rs. 1,00,000 per MW	4.	For delay upto 9 month	Rs. 1,50,000 per MW	5.	For delay upto 15 month	Rs. 2,00,000 per MW
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13.	Open Access for Third Party Sale	Open access will be granted to Solar Power Producer or beneficiary. They shall have to pay the applicable charges for open access and losses as approved by RERC / CERC from time to time.																		
14.	Forecasting and Scheduling	<ol style="list-style-type: none"> 1. The Solar energy generated will not be covered under scheduling procedure for Intro-State AST. However, the actual solar energy injected in the grid during particular time block of 15 minutes shall be post-facto considered in drawl schedule for sale of power to licensee / third party or for giving set-off against the consumption of recipient unit in case of captive use as per the relevant regulations of RERC. 2. However, total available Solar Power Plant generating capacity shall be intimated to RVPN / Discoms of Rajasthan for next day. 																		
15.	Evacuation and Grid Interfacing	<ol style="list-style-type: none"> 1. Evacuation of produced solar power shall be made through the transmission and distribution network being maintained by RVPN and Discoms respectively. 2. Connectivity at EHV substation (400. 220 & 132 kV) and Distribution 																		

		<p>Substation (33/11 kV and IT) shall be decided / approved by RVPN and Discom respectively in consultation with RREC.</p> <p>3. Minimum capacity and voltage level of solar power project getting connected to RVPN's receiving GSS shall be 5 MW at 33 kV.</p> <p>4. In case solar power projects of capacity less than 5 MW seek inter-connection at RVPN's receiving GSS. shall bear the cost of line bay instead of applicable grid connectivity charges.</p>
16.	Common Pooling Sub-Station	Solar Power Producers may construct Common Pooling Sub-Station to evacuate their generated solar power to the RVPN / Discom substation through common transmission line with separate metering system at their Common Pooling Sub-Station and main metering system at RVPN / Discom Sub-Station.
17.	Grid Connectivity	For creation of proper facility for receiving power, the solar power producer shall pay grid connectivity charges as finalized by RERC from time to time to Discoms of Rajasthan / RVPN as applicable.
18.	Reactive Power Charges	The drawl of reactive power shall be charged by RVPN as per the RERC orders, as amended from time to time.