

# Policy for Grid Connected Rooftop Solar Photovoltaic Power Plants-2016 (Net Metering Based), Jammu & Kashmir, Dated: 21.02.2017

Sl. No.	Description	Summary
1.	<b>Nodal Agency</b>	Jammu and Kashmir Energy Development Agency (JAKEDA)
2.	<b>Operative Period</b>	10-Years
3.	<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. To contribute to solar capacity addition and fulfillment of Solar targets set by the Ministry.</li> <li>2. To optimally utilize the available solar energy resource in the State.</li> <li>3. To encourage development and promotion of environment friendly solar energy generation contributing to sustainable development.</li> <li>4. To enable stakeholders in reducing greenhouse gas emissions.</li> <li>5. To attract private sector participation in solar energy sector.</li> <li>6. To build favorable environment for setting up Grid Connected Rooftop Solar Photovoltaic Power Plants.</li> <li>7. To enhance skills and create employment opportunities.</li> <li>8. To contribute to productive utilization of available rooftop spaces.</li> <li>9. To spread environmental awareness amongst the general public of J&amp;K.</li> </ol>
4.	<b>Eligibility</b>	<ol style="list-style-type: none"> <li>1. All the consumers of the State Distribution Licensee who intend to generate solar energy and set up solar PV plants on available roof-tops of Individual households, Industries, Government or Semi-Government or Local Body offices, Commercial establishments, Institutions, Residential complexes, either on their own (self-owned) or through the third party owned Rooftop PV Net Metering Model, shall be eligible with project capacity ranging from minimum 1kWp upto1000 kWp (AC side) with or without battery back-up support.</li> <li>2. Consumers may generate solar power for self-consumption and may feed excess power into the grid.</li> <li>3. Notwithstanding the provisions of this policy, the State Government Departments can undertake rooftop solar projects above 1000 kW Peak (kWp) capacity through alternative mechanisms.</li> </ol>
5.	<b>Capacity Targets for Distribution Licensee</b>	<ol style="list-style-type: none"> <li>1. Maximum cumulative capacity to be installed under this Policy shall be decided by the Government for two years and progress shall be reviewed on yearly basis.</li> <li>2. The shortfall in any year shall be carried forward to the next succeeding year provided that the cumulative capacity to be allowed at a particular distribution transformer shall not exceed the percentage of the rated capacity of the distribution transformer as specified in the JKSERC Regulations from time to time; on first-come-first serve basis.</li> </ol>
6.	<b>Installed Capacity</b>	The minimum capacity shall not be less than 1 kWp and the maximum not more than 1000 kWp (for KVA conversion to KW use a power factor of 0.9) (Specified percentage as per the JKSERC Net-Metering Regulations).
7.	<b>Net Metering</b>	<ol style="list-style-type: none"> <li>1. The distribution licensee shall allow non-discriminatory net-metering arrangement with latest and approved equipment/apparatus on first-come-first serve basis for both self-owned and third party owned Rooftop PV Systems as</li> </ol>

		<p>long as the total capacity (in kWp) does not exceed the target capacity determined.</p> <p>2. The distribution licensee shall accept the Solar PV Power for a maximum period of 25 years which is the expected life of the system at present.</p>
8.	<b>Banking Mechanism and Billing</b>	<p>1. The Energy Account Statement to be issued to consumer by Distribution Licensee for each billing cycle shall show quantum of export/ injected energy from Rooftop Solar PV System, Import/drawl of energy from Distribution Licensee in the billing period, banked energy of the previous billing cycle, net billed energy for payment by the consumer for that billing period or net banked energy carried forward to the next billing period separately.</p> <p>2. The settlement of net energy including any banked energy shall be done at the end of each settlement period.</p>
9.	<b>Electricity Duty</b>	Electricity duty shall be levied as per Government of J&K instructions amended from time to time.
10.	<b>Subsidy</b>	The consumers interested in setting up of Solar Rooftop PV Project either on their own or through the third party owned Rooftop PV Net Metering Model shall approach Department of Science & Technology, Government of J&K for grant of applicable subsidy from MNRE, GoI and the State Government as per the prevailing instructions/Policy.
11.	<b>Works Contract Tax</b>	<p>1. The Works Contract Tax would be applicable on all contracts for installation and commissioning of Solar Power Plants as specified by the J&amp;K Government, from time to time.</p> <p>2. The equipment for the solar rooftop power plant as a unit would be exempted from the Works Contract Tax. However, installation charges would be taxable.</p>
12.	<b>Solar Renewable Purchase Obligation</b>	The quantum of electricity consumed by the eligible consumer, who is not defined as obligated entity, from the rooftop solar system under net metering arrangement shall qualify towards compliance of Renewable Purchase Obligation (RPO) for the Distribution Licensee as per the Net Metering Regulations issued by JKSERC as amended from time to time.
13.	<b>Applicability of Other Charges</b>	<p>1. The Rooftop Solar System under Net-metering arrangement, whether self-owned or third party owned shall be exempted from banking and wheeling charges, losses, cross subsidy and additional surcharge etc.</p> <p>2. However the Monthly Minimum Charges (MMC) shall be applicable on the total consumption of the consumer of each billing cycle and not on the net consumption as per the provisions of JKSERC as amended from time to time.</p>
14.	<b>Renewable Energy Certificate Mechanism</b>	The issuance of renewable energy certificate shall be as per the eligibility criteria specified under Central Electricity Regulatory Commission (Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 as amended from time to time.
15.	<b>Application Fee</b>	The applicant shall pay an application fee of Rs.100 per kWp subject to a maximum of Rs.10000/- along with the application to the Distribution Licensee.
16.	<b>Penalty</b>	In case of failure to meet the requirements for net metering system, the solar power generator shall be liable to pay penalty as decided by the JKSERC from time to time.