

Uttar Pradesh Rooftop Solar Photovoltaic Power Plant Policy, 2014

Sl. No.	Description	Summary												
1.	Nodal Agency	Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA)												
2.	Objectives	<ol style="list-style-type: none"> 1. To contribute to solar capacity addition and energy security 2. To optimally utilize the available solar energy resource in the State 3. To encourage development and promotion of environment benign solar energy generation contributing to sustainable development 4. To enable stakeholders in reducing greenhouse gas emissions 5. To attract private sector participation in solar energy sector 6. To build favorable environment for setting up grid connected rooftop solar photovoltaic power plants 7. To contribute investments in manufacturing, research & development in solar energy sector 8. To enhance skills and create employment opportunities 9. To contribute to productive utilization of available sites 10. To spread environmental awareness amongst the general public of Uttar Pradesh. 												
3.	Operative Period	The policy shall come into effect from date of issuance and shall remain valid until superseded or modified till March 2017 whichever is earlier.												
4.	Implementation Plan	Rooftop Solar Photovoltaic Power Plants are proposed to be promoted under Net energy metering mechanism up to 50 KW and Net energy billing mechanism above 50 KW.												
5.	Government/Public Institutions/ Private Institutions	<ol style="list-style-type: none"> 1. The rooftop solar photovoltaic power plant shall be implemented utilizing at least 25% of the available plinth area. 2. Funds from the Government of Uttar Pradesh, may be made available for implementation of Grid connected Rooftop Solar Photovoltaic Power Plant. 3. The Government of Uttar Pradesh shall encourage the private institutions to implement rooftop solar photovoltaic power plant, of suitable capacity, on the roof of their premises/area, generate & consume the electricity for their self-consumption. 												
6.	Eligible Entities	Any person, which shall include any company or body corporate or association or body of individuals, whether incorporated or not, shall be eligible to set up rooftop solar photovoltaic power plant and approach Uttar Pradesh New and Renewable Energy Development Agency for implementation of such power plants.												
7.	Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Description</th> <th style="text-align: center;">Unit</th> <th style="text-align: center;">by FY 2016-17</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Public Institutions</td> <td style="text-align: center;">MW</td> <td style="text-align: center;">10.0</td> </tr> <tr> <td style="text-align: center;">Private Institutions</td> <td style="text-align: center;">MW</td> <td style="text-align: center;">10.0</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">MW</td> <td style="text-align: center;">20.0</td> </tr> </tbody> </table>	Description	Unit	by FY 2016-17	Public Institutions	MW	10.0	Private Institutions	MW	10.0	Total	MW	20.0
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8.	Subsidy	State Nodal Agency Uttar Pradesh New and Renewable Energy Development Agency shall facilitate in availing Government of India subsidy, if available for implementation of such plants, to both Public and Private Institutions / organisations.										
9.	Role of Nodal Agency	<ol style="list-style-type: none"> 1. Facilitation in availing Subsidy/Support 2. Empanelment of System Integrator(s) 3. Identification of Sites for Deployment of Solar Power Capacities 4. Allotment of the Solar Power Capacities 5. Support in establishing Protocols/Procedures for easy adoption of Solar Power 6. Recommend and Specify Fee and Charge 7. Declaration of Government Order 8. Support in development of Regulatory Framework 9. Approval from Empowered Committee 										
10.	Metering Arrangement	<ol style="list-style-type: none"> 1. For rooftop solar photovoltaic power generation plants with proposed connectivity with the grid at above 415 V voltage level, the type of meters and metering arrangement shall be governed by CEA (Installation and Operation of Meters) Regulations, 2006 and CEA (Installation and Operation of Meters) Amendment Regulations, 2010 and any amendment thereof unless superseded by further notified regulations by CEA. 2. For rooftop solar photovoltaic power generation plants with proposed connectivity at 415 V or below voltage level, the type of meters and metering arrangement shall be governed by CEA (Installation and Operation of Meters) Amendment, Regulations, 2013 after notification by the CEA. 										
11.	Evacuation Voltage	<p>The voltage of evacuation of electricity generated from solar power plants will be as under:</p> <table border="1" data-bbox="524 1108 1443 1381"> <thead> <tr> <th data-bbox="524 1108 906 1167">Capacity of the System</th> <th data-bbox="906 1108 1443 1167">Evacuation Voltage</th> </tr> </thead> <tbody> <tr> <td data-bbox="524 1167 906 1220">Below 5 kW</td> <td data-bbox="906 1167 1443 1220">Single Phase, Low Voltage</td> </tr> <tr> <td data-bbox="524 1220 906 1272">> 5 kW – 50 kW</td> <td data-bbox="906 1220 1443 1272">Three Phase, 415 V</td> </tr> <tr> <td data-bbox="524 1272 906 1325">> 50 kW – 2.0 MW</td> <td data-bbox="906 1272 1443 1325">6.6 kV/11 kV</td> </tr> <tr> <td data-bbox="524 1325 906 1381">> 2.0 MW – 5.0 MW</td> <td data-bbox="906 1325 1443 1381">11 kV/33 kV/66 kV (as per site conditions)</td> </tr> </tbody> </table>	Capacity of the System	Evacuation Voltage	Below 5 kW	Single Phase, Low Voltage	> 5 kW – 50 kW	Three Phase, 415 V	> 50 kW – 2.0 MW	6.6 kV/11 kV	> 2.0 MW – 5.0 MW	11 kV/33 kV/66 kV (as per site conditions)
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12.	Procedure for Interconnectivity with the Grid	<ol style="list-style-type: none"> 1. The procedure for interconnectivity of solar power plants, developed under this Policy, with the grid shall be in accordance with the provisions laid by distribution licensee and as approved by Uttar Pradesh Electricity Regulatory Commission. 2. The distribution licensee shall be required to submit the procedure(s) for interconnectivity of rooftop solar photovoltaic power plants with the grid for consideration and finalization by the Uttar Pradesh Electricity Regulatory Commission. 										
13.	Financial Arrangements	Funds will be provided by State Government in appropriate Budget head for carrying out detailed technical assessment and for deployment of solar rooftop solar photovoltaic power plants on Government owned and aided organization's of the State on annual basis.										