

6. UPNEDA to act as Nodal Agency

Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) will be the nodal agency for implementation of this policy.

6.1 Role of Nodal Agency:

The Nodal Agency will facilitate and assist the project developers and under take the following activities to achieve the objectives of the policy.

6.1.1 Registration of Solar Projects

To act as a single window to cater all type of solar Projects on behalf of the Govt of Uttar Pradesh

6.1.2 Approval of Solar Power Projects includes facilitation of Projects for competitive bidding, PPA, statutory clearances, coordination with MNRE and other central Agencies, facilitation for approval of Power evacuation Plan and allocation of Bays .

6.1.3 Bidding of Projects:

The Nodal agency will be responsible for carrying out all the tasks related to bidding process for Solar Power Projects in the state.

6.1.4 Facilitation for Government Land/Space

Facilitate allotment of suitable land/space in control of State Government or its agencies.

- Land Bank of land not suitable for agriculture and waste lands will be created by UPNEDA across the State and specifically in Bundelkhand region.
- Land Parcels of the Gram sabha/panchayat and revenue and will be resumed in favour of Department of Additional Energy Sources /UPNEDA
- Land will be provided to the State Govt. and the Central Govt. PSU's on lease for a period of 30 years.

- Land leasing will be done for these PSU's at Rs. 1 per acre per year for a period of 30 years. This land will be non transferrable.
- Land on suitable lease rent fixed by Government may be provided to private sector for for 30 years.

6.1.5 Nodal Agency for recommendation of accreditation of Solar Power Projects under REC mechanism.

6.1.6 Training

UPNEDA conducts training programme to develop skilled manpower in the field of solar energy.

6.1.7 Formulating of Subsidy Scheme available to installation of Rooftop Solar Power Plants in Residential /Government /Institutional Sector

Nodal Agency shall formulate scheme to provide for State subsidy.

7. Rooftop Solar PV Projects

State Government will facilitate installation of Solar PV Rooftop systems across the State .It will facilitate Net metering in Residential, Government/Govt owned Public Sector Institutions and all Educational institutions across the State. It proposes to establish "Solar Cities" across the State with emphasis on Solar Rooftops and other allied off-grid solar installations.

The Discom will allow Solar Rooftop capacity addition upto 75% of Distribution transformer of the area as per UPERC RSPV Regulation 2019 and amendments thereof.

In order to facilitate Solar Rooftops and net metering, a committee(Solar cell) is being established in each district under the chairmanship of Chief Development Officer of the concerned district. It consists of officers of the Discom in the district as well as district level officer of UPNEDA.

MSME and Startups will be promoted for installation of Solar Rooftops.

7.1. Government/Govt. owned Public Institutions/Educational Institutions

The Government of Uttar Pradesh shall promote deployment of rooftop solar photovoltaic plants for captive/self-consumption on the offices of the government organizations/Govt PSU/State government owned institutions under Net metering mechanism. Benefits such as banking facility and payment of surplus energy by DISCOMS under net metering scheme will be applicable to Govt offices, Govt schools, Govt colleges,

Govt Hospitals and any other Govt building notified by State Govt . Installation of Rooftop solar photovoltaic plants through third party (RESCO mode){Renewable Energy Supply Company} will be encouraged in these organizations .In this arrangement power purchase agreement between consumer and Third Party and Net-Metering interconnection agreement between consumer and electricity distribution company will be executed.

- i) Solar Rooftop Installations of total capacity 500 MW in Government Buildings and Government PSU Buildings will be targeted .
- ii) Atleast 21000 un-electrified Primary Schools across the State totalling a capacity of 40 MW will be covered with Solar Rooftop installations.
- iii) Secondary schools, Govt colleges, Technical Institutions and Universities across the State shall be covered in phased manner with Solar Rooftops..
- iv) Nagar Nigam assets will be solarised using Solar Rooftops
- v) All the public institutions such as hostels & training institutions, libraries, establishments of Indian railways, in the State, research and development organization, rest houses, holiday homes, inspection houses etc those who are owned by the government shall endeavor to install grid connected rooftop solar photovoltaic power plant and generates & consume some percentage of their annual electricity consumption from such plant. Capacity of Grid connected rooftop solar photovoltaic power plant to be installed will be as UPERC RSPV Regulations 2019 or as amended from time to time.
- vi) A revenue model is being developed whereby Nodal Agency, UPNEDA will play an active role in collection of demand for installation of Grid connected Solar Rooftop Power Plants from Government departments. UPNEDA will finalize model contract conditions, Standard PPA's and carry out competitive bidding for discovery of tariff and selection of

RESCO's for implementation of Grid connected Solar Rooftop Projects on Government buildings.

7.2.2 Solar Rooftop in Residential Sector

The Government of Uttar Pradesh shall encourage installation of suitable capacity Grid connected rooftop solar power plant in Residential buildings.

- ii) 20 cities of State will be developed as Solar cities involving covering 10 lakh residential households across the state in 5 years with Solar Rooftop installations.
- iii) Cities selected are Lucknow, Kanpur, Prayagraj, Agra, Varanasi, Ghaziabad, Meerut, Bareilly, Aligarh, Moradabad, Saharanpur, Gorakhpur, Noida, Firozabad, Jhansi, Muzaffarnagar, Mathura, Ayodhya, Azamgarh, Mirzapur.
- iv) Net Metering Facility will be given to residential consumers as per regulations as notified by Uttar Pradesh Electricity Regulatory Commission from time to time.
- v) Time Period of Installation of Residential Rooftop Solar Systems will be as follows:-

S.no	Activity	Responsibility	Maximum Time Period
1	Submission of Application	Consumer	-
2	Acknowledgment of Application	Discom/UPNEDA	1 Day
3	Site Verification and technical feasibility	Discom	7 Days
4	Installation of Rooftop Solar System	Vendor	90 Days
5	Solar and net metering testing	Discom	7 Days from Depositing of metres