
UTTAR PRADESH IS POWERING UP ITS FUTURE

Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) is leveraging efforts to develop UP's capacity in renewable energy such as solar energy, small-scale hydroelectricity and biomass-based electricity production, thereby trying to steadily increase alternate sources of energy production and meet the growing demands for UP's growth

For implementation of the state's Solar Energy Policy 2022, UPNEDA is facilitating and assisting project developers to undertake constructive steps to achieve the objectives of the policy. Some of the key projects being handled by UPNEDA in developing and promoting new sources of renewable energy in the state include:

- **Solar Power Project PPA with UPPCL**
- **Solar Power Park (Public Sector)**
- **Solar Power Project under Open Access**
- **Solar Power Park**

(Private Sector)

- **Solar Project with Storage**
- **Solar Roof Top Power Plant Installation**

Furthermore, in association with the Department of Additional Sources of Energy, Government of Uttar Pradesh, UPNEDA is rapidly developing new capacities in renewable energy sources across the state. Various capacity solar power plants are being installed for electricity generation from solar energy. Biomass-based co-generation in the state, sugar mills and rice husk based-electricity generation projects are being encouraged.

In addition to this, small-scale hydroelectric projects are being implemented in collaboration with private entrepreneurs.

Remote rural village electrification or mini-grid solar power plant plans are being implemented in unelectrified villages or in villages having problematic electricity supply. Under the 'Mukhyamantri Samagra Gram Vikas Yojana' and 'Pundit Deen Dayal Upadhyay Solar Street Light Yojana', solar streetlights and solar street light plants are being set up in villages. Under the Saubhagya Yojana in different unelectrified households, solar powerpacks are

being promoted.

In the field of agriculture, small and marginal farmers in the Terai and Purvanchal region are reaping benefits through installation of grant-based solar pumps. Scheme for establishing solar plants is being implemented to provide with clean potable water to students studying in the primary schools in rural areas along with the facility of fans in their classrooms. The schemes also propose to provide subsidised solar packs to benefit the poor rural families and to provide 8 solar streetlights at public places in panchayats.