

# Uttar Pradesh Drives Power Infrastructure Development

By **Elets News Network** - March 21, 2024

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The state of Uttar Pradesh is witnessing significant developments in its power transmission infrastructure with the launch of major projects that will boost renewable energy integration and strengthen the grid.

The Government of India and the State Government of Uttar Pradesh have approved the Power Evacuation System from 4000 MW Solar Power Generation by construction of Green Energy Corridor-II in the Bundelkhand region. Implemented by Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA), the Rs. 4,786 crore project involves constructing 20 new substations with a total transformation capacity of over 9440 MVA. Around 2172 circuit km of transmission lines will also be added to the grid under this initiative.

In another important decision, all new transmission projects above 220kV in the state will now be implemented through Tariff Based Competitive Bidding (TBCB) as decided by the State Government and **Uttar Pradesh** Electricity Regulatory Commission (UPERC). This move to tender transmission contracts under the competitive bidding process has opened up opportunities for private players to invest in UP's power transmission network.

The GEC-II project will play a vital role in harnessing the solar power potential of Bundelkhand by strengthening the associated transmission infrastructure. Meanwhile, the TBCB model for future projects is expected to bring more efficiency through competition while attracting greater private participation in modernizing UP's grid. These developments signify UP's focus on bolstering its transmission backbone to support renewable ambitions as well as overall electricity needs.