



POWER & RENEWABLE ENERGY

# UP achieves 40 MW solar power generation capacity

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The Yogi government has achieved a significant milestone by reaching a 40 MW power generation capacity through solar energy. This accomplishment has resulted in Ayodhya being recognised as a model solar city under the Uttar Pradesh Solar Energy Policy 2022. According to the policy, a solar city is defined as one where renewable energy plants can reduce the estimated total demand for conventional energy by at least 10%. Ayodhya has exceeded this benchmark, achieving double the required capacity. Ayodhya's estimated power demand is 198 MW. To meet 10% of this demand, approximately 20 MW, the solar power plant's capacity has been set at 40 MW. The installation and commissioning of the plant were completed within the scheduled timeframe. The plant was established by NTPC Green Energy Limited near the Saryu River, in the villages of Majha Rampur Halwara and Majha Sarairasi. The state government has leased 165.10 acres of land to NTPC Green Energy Limited for 30 years at a nominal rate of Rs 1 per acre per year for the solar power project. The plant, with its 40 MW capacity, will be purchased by UPPCL for 25 years at a cost-plus-determined tariff. The successful implementation of this project has led to Ayodhya being declared a model solar city.