

Green energy push in Uttar Pradesh: ₹1 Lakh crore to power 125 projects, aims for 40% renewable mix

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New Delhi: Uttar Pradesh is set to invest an estimated ₹1 lakh crore in about 125 clean energy projects, as part of its strategy to meet 40% of its energy requirements through solar and alternate sources, in line with Chief

Minister Yogi Adityanath's vision, said Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) on Wednesday.

Anupam Shukla, Director of UPNEDA, stated, "At the Global Investor Summit held in 2023, the state government secured investment proposals totaling ₹40 lakh crore, with a significant portion allocated for solar power and other clean energy projects under the 'Akshay Urja' Scheme." Currently, Uttar Pradesh generates approximately 2152 MW of solar energy, with the Bundelkhand region contributing nearly 60% of this total.

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Giving more insights, Shukla said, "Under the current investment pipeline, Sonbhadra in Eastern Uttar Pradesh will witness the setting up of an off-stream close loop pump storage project by Greenko Group generating 3660 MW of electricity at an estimated outlay of ₹17,000 crore. A 1000 MW floating solar plant on Matatila Dam in the Lalitpur district to be set up by TUSCO Ltd is likely to come up at an estimated investment of ₹6500 crore; Bundelkhand Solar Energy Limited will set up a 1200 MW Solar Power Park in the Jalaun district while ACMI Cleantech Solution Private Limited will set up two off-stream closed loop pump in Prayagraj and Meerganj area."

The Uttar Pradesh government is set to establish a 50 MW floating solar plant in Bakhira Bird Sanctuary in Eastern UP. The State District Administration and Uttar Pradesh New & Renewable Energy Development Agency (UPNEDA) is looking to set up a ground mounted or a floating solar plant in Bakhira lake area and the Lucknow Solar Power Development Corporation Limited (LSPDCL) will be conducting a feasibility study on the same.

"The state government is also looking to energise all the 1994 odd cold storages with a total storage capacity of 1.65 crore metric tonne, with solar energy. Under the Solar City program, a 40 MW solar power plant is being established on 165 acres of land in Ayodhya by NTPC. The land has been identified, and the project is underway. Part of the project has already commenced and the remaining is expected to be operational by March 2024," the UPNEDA Director added.