UTTAR PRADESH

Govt mulls ₹5,500 crore investment in green energy infrastructure

VIRENDRA SINGH RAWAT
Lucknow, 29 October

To meet the estimated energy storage requirements of 53,000 megawatt-hour (MWh) by 2035-36, the Uttar Pradesh (UP) government is mulling an investment of ₹5,500 crore to ramp up the state's green energy infrastructure.

Under the plan, Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) will equip its six thermal power plants in Anpara, Obra, Harduaganj, Panki, Parichha, and Jawaharpur with battery storage units to supply power during non-solar hours. The proposal is part of the resource adequacy plan drawn by the Uttar Pradesh Power Corporation Limited (UPPCL).

The project will meet 8 per cent of the state's projected energy demand, and provide a robust in-state source of power at peak hours, thus strengthening energy security.

"Battery storage would let us deliver green power in non-solar hours, when the state needs it most, and reduces the need to buy costly power," according to UPRVUNL Managing Director, Mayur Maheshwari.

UPRVUNL has land, switchyards, and the evacuation infrastructure for the proposed battery energy storage systems at its thermal stations to charge during off-peak hours and deliver power when demand peaks.