

# 'GBC to transform Uttar Pradesh into renewable energy powerhouse'

TIMES NEWS NETWORK

**Lucknow:** State minister for industrial and infrastructure development Nand Gopal Gupta Nandi on Monday said that the Ground Breaking Ceremony 4.0 will herald a new age for Uttar Pradesh by turning it into a powerhouse of renewable energy.

"This ceremony marks the commencement of pumped storage power (PSP) generation, propelling UP towards achieving the status of a power-surplus state. Govt's nod to eight PSP projects, with six located in Sonbhadra and two in Mirzapur and Chandauli districts, sets the stage for transformative pro-

gress," the minister said in an official statement.

PSP refers to clean, green, safe and environment-friendly project that produces high-quality, flexible, and dispatchable power. The project does not transform or damage riverine ecosystem. It has low upfront cost and power storage cost is also low.

Officials at Invest UP said that with GBC 4.0, work would kick off on eight mega projects, boasting a collective capacity of 13,250 megawatts.

"Entities like Greenko Group producing 3660 MW, Torrent Group (4150 MW), JSW Neo Energy (1200 MW), ACME Cleantech Solutions (1500 MW), Amunra Infratech

and Agritech Pvt Ltd (1620 MW) and Avaada Water Battery Pvt Ltd (1120 MW), are spearheading these initiatives, contributing to renewable energy sector's capacity in UP," an official said.

He said that in Sonbhadra, water would be sourced from Sone river while those in Mirzapur and Chandauli would utilize resources from Adwa and Musakhand dams, respectively.

"Sonbhadra, the energy epicentre of UP, will have majority of groundbreaking projects. PSP, often referred to as "water battery", stands out as an environment-friendly and sustainable energy source," he said.

Among notable PSP ventures in renewable sector is Greenko's 3600-megawatt plant in Gurar (Sonbhadra). Approved in May 2023, this off-stream closed loop pumped storage project along Sone promises to be a game-changer. The project is poised to make a transformative impact in Obra block's villages, including Gurar, Garwa, Pindari, Ranideho, Muhuna, and Baijnath.

Torrent Power has established a 1750 MW pump storage plant on Sone located in natural surroundings of Sonbhadra. It has pledged to conduct CSR activities in nearby areas to uplift socio-economic fabric of the region.

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Details of all PSP projects to be launched during GBC



Company	District	Water Source	Power Capacity (MW)	Investment
Greenko Group	Sonbhadra	Sone river	3660	₹17,180.79 cr
Torrent Power Ltd (Two projects)	Sonbhadra	Sone	4150	₹24,200 cr
JSW Neo Energy	Sonbhadra	Sone	1200	₹5,530 cr
ACME Cleantech Solution (2 projects)	Chandauli & Mirzapur	Musakhand Dam & Adwa Dam	1500	₹6,561 cr
Avaada Water Battery Pvt Ltd	Sonbhadra	Sone	1120	₹6,119 cr
Amunra Infratech & Agritech Pvt Ltd	Sonbhadra	Sone	1620	₹7,374.57 cr
Total			13,250	₹66,965.36 cr