

Adani to develop 1,250MW hydro project in UP

TIMES NEWS NETWORK

Lucknow: Adani Green Energy Limited (AGEL), India's largest renewable energy company, has received a Letter of Award (LOA) from UPPCL for a 1,250MW Pumped Hydro Storage Project in Sonbhadra. The project, with a minimum operational life of 40 years, is expected to be completed within six years.

Adani Green Energy has been actively incorporating

energy storage solutions into its portfolio, alongside its solar, wind, and hybrid energy projects.

As part of its expansion strategy, AGEL aims to add 5 GW of hydro pumped storage capacity by 2030. The company has already commenced construction of 500MW at Chitravati River (Andhra Pradesh), 1,500MW at Tarali (Maharashtra), and 1,800MW at Gandikota (Andhra Pradesh). Pumped Hydro Stora-

ge is one of the most cost-effective, scalable, and reliable technologies for energy storage. It utilizes solar energy to pump water to a higher elevation during the day, which is then released at night to generate power.

This sustainable and eco-friendly solution enhances grid stability, peak load management, and backup power supply, making it a key component of India's energy infrastructure.