

PRESS RELEASE

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POWERGRID acquires Kakinada I Transmission Limited for Green Hydrogen Infrastructure in Andhra Pradesh

Gurgaon, 30th June 2026: Power Grid Corporation of India Limited (POWERGRID), a Maharatna CPSE under Ministry of Power, Government of India, has acquired the Project Special Purpose Vehicle (SPV), **Kakinada-I Transmission Limited**, on 29th June 2026 from **PFC Consulting Limited (PFCCL)**, the Bid Process Coordinator (BPC), under Tariff Based Competitive Bidding (TBCB) for the project **“Transmission System for proposed Green Hydrogen / Green Ammonia Projects in Kakinada Area (Phase-I)”**.

The Kakinada-I Transmission Limited project comprises the establishment of a new **765/400 kV Gas Insulated Substation (GIS)** at Kakinada, Andhra Pradesh, with **3×1500 MVA transformation capacity**, along with a **240 MVar Bus Reactor** and associated works. The project scope also includes **LILO of the Vemagiri-Srikakulam 765 kV D/C transmission line** at Kakinada Substation and installation of a **±300 MVar STATCOM with 2×125 MVar MSC**. The project is an Inter-State Transmission System and is scheduled to be commissioned within **30 months** from the date of SPV acquisition. It will facilitate power supply to the proposed Green Hydrogen / Green Ammonia projects in the Kakinada region.

POWERGRID, through its various Project SPVs acquired through the tariff-based bidding route, is implementing several transmission projects on a **Build, Own, Operate and Transfer (BOOT)** basis. These projects will strengthen India's transmission infrastructure for evacuation of green energy to the national grid, thereby reducing dependence on fossil fuels and supporting the Government of India's vision of achieving **500 GW of renewable energy capacity by 2030**.

As on 31st May 2026, POWERGRID has commissioned and is operating **291 substations**, over **1,85,750 circuit kilometres of transmission lines**, and **6,30,516 MVA of transformation capacity**. Through the adoption of advanced technologies, automation, and digital solutions, POWERGRID has maintained an average transmission system availability of over **99.84%**

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