

Prime Minister to lay Foundation Stone of Talabira Thermal Power Project of NLC India Limited, under Ministry of Coal

Project worth Rs.27000 Crore Focus on Producing Electricity at a cost of Rs 3.65 per Unit

Odisha, Tamil Nadu, Kerala & Puducherry Sign Power Purchase Agreements

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In furtherance of the vision of the Prime Minister to promote setting up of Thermal Power Plants at pit-head so as to reduce cost of transportation of coal, the Ministry of Coal has planned Thermal Power Plants to be set up by coal CPSUs. Government has approved setting up of 3 x 800 MW Ultra Super Critical Thermal Power Plant at Talabira through NLCIL. NLCIL has been allotted Talabira coal mines with total reserves of 553 million tonne (MT) with 23 MT Peak rated capacity. On getting operational, this pit-head plant will generate electricity at a cost of Rs. 3.65 per unit (Rs. 2.40 fixed cost and Rs.1.25 variable cost) (approx.) which is amongst the cheapest power produced by TPPs in the country.

Prime Minister Shri Narendra Modi is slated to lay the foundation stone for NLC India Limited's (NLCIL) 2,400 MegaWatt Supercritical Thermal power plant in Sambalpur, Odisha, on February 3, 2024. The foundation stone for the Neyveli Lignite Corporation India Limited (NLCIL) Talabira Thermal power project, valued at over ₹27,000 Crore, will be laid, perfectly aligning with the vision of *Atmanirbhar Bharat*. This state-of-the-art project is positioned to provide reliable, affordable and continuous power, making a significant contribution to the nation's energy security and playing a crucial role in driving economic growth.

This pithead power station will be intricately linked to NLCIL's captive coal blocks, Talabira II and III, ensuring sustainability. The thermal power plant boasts higher efficiency, reduced carbon footprint and an impressive 10% eco-friendly biomass co-firing initiative.

Power Purchase Agreements (PPAs) have already secured the supply of 800 MW to Odisha, 1,500 MW to Tamil Nadu, 400 MW to Kerala, and 100 MW to Puducherry. The engineering, procurement and construction (EPC) contract for the Main Plant, valued at ₹18,255 crore, has been awarded to BHEL. The first 800 MW unit is expected to be commissioned in 52 months from the zero date, with subsequent units coming online at intervals of six months.

This landmark project is a substantial leap towards fortifying India's energy resilience, representing a pivotal stride in embracing sustainable and eco-friendly energy solutions. It underlines our commitment to a greener future and stands as a beacon of progress in the nation's pursuit of energy security and environmental stewardship.

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