



The National Thermal Power Corporation (NTPC) has awarded a groundbreaking project to Jakson Green, one of India's top players in the renewable and new energy sectors, to build a Methanol synthesis facility in Vindhyachal, Madhya Pradesh.

A more environmentally friendly alternative fuel, methanol can be utilised for transportation and power generation. With a production capacity of 10 tonnes per day, the subject Methanol Synthesis Plant will be a part of NTPC's Vindhyachal Thermal Power Plant (TPD).

The Methanol Production Unit uses CO₂ from thermal plant exhaust gas through a carbon capture unit and green hydrogen produced by electrolysis to convert 20 TPD CO₂ to 10 TPD Methanol through a catalytic hydrogenation process.

Jakson Green will oversee the entire design, engineering, procurement, and construction of this project on turnkey basis, in partnership with NTPC and their leading Japanese technology provider for the Methanol synthesis process

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