

Technip Energies Awarded India's Largest PEM Based Hydrogen Project by NTPC



Photo Credit: India Hydrogen

Technip Energies (PARIS:TE) has been awarded an Engineering, Procurement, Construction and Commissioning (EPCC) contract by NTPC for its Proton Exchange Membrane (PEM) Based Hydrogen Generation Plant project at Vindhyachal, Madhya Pradesh, India.

The EPCC contract covers the delivery of a 5 MW Hydrogen Generation Plant using Proton Exchange Membrane (PEM) Electrolysis technology at a Super Thermal Power station. This project is suited for a large scale green hydrogen production facility as power to Electrolyzer can be replaced with renewable electricity in the future.

NTPC is setting up this plant along with two other units - the first, a CO₂ capture facility that captures CO₂ from flue gas stream of the coal fired power plant and the second being a Methanol unit that uses the captured CO₂ and the Hydrogen through PEM Electrolyzer being supplied by Technip Energies to convert it into green Methanol.

Davendra Kumar, Senior Vice President India Business Unit at Technip Energies commented: "We are pleased to have been awarded this PEM based hydrogen project by NTPC. This award illustrates our commitment to Energy Transition and our strong project management capabilities in carbon-free energies. It is an honor to be part of one of the first ever PEM based hydrogen project in India of this scale in the country, marking a significant step towards decarbonization of the Indian energy sector."

Technip Energies is ready to lead the hydrogen wave in both decarbonized and carbon-free applications. With our 50-year track record in the sector, we are leveraging our expertise,

proprietary technologies, wide-ranging partnerships and execution excellence to accelerate the energy transition and our commitment to a low-carbon society.

About Technip Energies

Technip Energies is a leading Engineering & Technology company for the energy transition, with leadership positions in Liquefied Natural Gas (LNG), hydrogen and ethylene as well as growing market positions in blue and green hydrogen, sustainable chemistry and CO2 management. The company benefits from its robust project delivery model supported by extensive technology, products and services offering.

Operating in 34 countries, our 15,000 people are fully committed to bringing our client's innovative projects to life, breaking boundaries to accelerate the energy transition for a better tomorrow.

Technip Energies is listed on Euronext Paris with American depositary receipts ("ADRs"). For further information: www.technipenergies.com.