



Technip Energies and GE Gas Power Awarded FEED Study for Teesside Power, Carbon Capture and Compression Project in the UK

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- *Technip Energies and GE Gas Power will develop a front-end engineering design (FEED) study for a 'first of a kind' large amine-based post combustion carbon capture at scale solution to integrate with a proposed H-Class natural gas fired power plant at Teesside, England*
- *Following completion of the FEED study, bp will invite Technip Energies and GE Gas Power to bid for the EPC contract to construct the power station and carbon capture facility*
- *GE Gas Power will provide proven expertise in natural gas combined cycle plant engineering, operability, and plant integration while Technip Energies will focus on carbon capture and compression plant using Shell's Cansolv carbon capture technology*

PARIS--(BUSINESS WIRE)--Dec. 15, 2021-- Technip Energies (Paris:TE) (ISIN:NL0014559478), leader of a consortium with GE Gas Power (NYSE:GE), has been selected by bp, on behalf of its partners, to perform a Front-End Engineering Design (FEED) study for the Net Zero Teesside (NZE) Power project and the Northern Endurance Partnership's (NEP) carbon compression infrastructure in Teesside, UK.

Located in the UK's Teesside region, the Net Zero Teesside project comprises industrial, power and hydrogen businesses which aim to decarbonize their operations and become UK's first decarbonized cluster.

This FEED study covers design and technical solutions development for NZE Power's proposed 860MW power station and carbon capture facility. The Technip Energies and GE Gas Power consortium will use Shell Cansolv CO₂ capture technology with a planned capture capacity of 2 mtpa⁽¹⁾ and will be supported by Balfour Beatty for the construction. The scope also includes NEP's planned 4 mtpa Teesside high pressure CO₂ compression and export facilities.

The companies will work together to develop a detailed plan for integrating amine-based carbon capture technologies at scale with a highly efficient natural gas combined cycle plant, powered by an advanced GE 9HA.02 gas turbine. This FEED study – a detailed blueprint and operating business guide - will explore gas and steam turbine equipment enhancements to improve the capture process whilst seeking to minimize the impact to plant output and performance and preserve the value that a gas turbine brings to the grid.

Net Zero Teesside Power will be one of the world's first commercial scale gas fired power station with carbon capture and will share the CO₂ transportation and storage infrastructure being developed by the Northern Endurance Partnership.

Arnaud Pieton, CEO of Technip Energies, commented: *"We are honoured to have been selected, along with GE Gas Power, our consortium partner, to work on Net-Zero Teesside Power, a flagship carbon capture project in the UK energy sector. Led by Technip Energies, the consortium will be supported by Shell Catalysts & Technologies, provider of the licensed Cansolv CO₂ capture technology and Balfour Beatty, our UK construction partner. Our capabilities in carbon capture projects and technology integration, combined with GE Gas Power's expertise in natural gas combined cycle plant engineering, operability, and plant integration, will support bp's goal of developing one of the first decarbonised industrial clusters in the world. This project perfectly illustrates that cross-industries collaboration is central to reaching net-zero targets."*

Martin O'Neill, VP Strategy at GE Gas Power, added: *"GE views FEED studies for CCUS projects as a crucial first step in gas plants' journey towards decarbonisation and we are looking forward to collaborating with bp on such an important effort: capturing and reducing carbon emissions at scale in the UK. GE continues to advance our gas power technologies toward zero-carbon power generation, and part of this evolution includes building upon our experience in the carbon capture space to support carbon abatement for the combined cycle power plants of the future. Through the collaboration with Technip Energies, we'll develop a roadmap aimed at supporting bp's goal of developing one of the first decarbonised industrial clusters in the world."*

Stephen Tarr, Chief Executive Officer of Balfour Beatty's Major Projects and Highways business, said: *"Today represents a significant milestone in the decarbonisation of the UK. One that further demonstrates how, together, we are harnessing the spirit of collaboration to help shape the ambitions that will help us tackle the climate change challenge. Whilst there is inevitably still more to be done, alongside the consortium partners, we are forging a path towards the sustainable infrastructure of the future; putting our foot to the pedal as we work to build back smarter, greener and faster."*

(1) mtpa : million tons per annum

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") traded over-the-counter in the United States.

For further information: www.technipenergies.com.

About GE Gas Power

GE Gas Power is a world leader in natural gas power technology, services, and solutions. Through relentless innovation and continuous partnership with our customers, we are providing more advanced, cleaner and efficient power that people depend on today and building the energy technologies of the future. With the world's largest installed base of gas turbines and more than 670 million operating hours across GE's installed fleet, we offer advanced technology and a level of experience that's unmatched in the industry to build, operate, and maintain leading gas power plants. For more information, please visit www.ge.com/power/gas and follow GE's gas power businesses on Twitter and LinkedIn.

Important Information for Investors and Security holders

Forward-Looking Statement

This release contains "forward-looking statements" as defined in Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended. Forward-looking statements usually relate to future events and anticipated revenues, earnings, cash flows or other aspects of Technip Energies' operations or operating results. Forward-looking statements are often identified by the words "believe," "expect," "anticipate," "plan," "intend," "foresee," "should," "would," "could," "may," "estimate," "outlook," and similar expressions, including the negative thereof. The absence of these words, however, does not mean that the statements are not forward-looking. These forward-looking statements are based on Technip Energies' current expectations, beliefs and assumptions concerning future developments and business conditions and their potential effect on Technip Energies. While Technip Energies believes that these forward-looking statements are reasonable as and when made, there can be no assurance that future developments affecting Technip Energies will be those that Technip Energies anticipates. All of Technip Energies' forward-looking statements involve risks and uncertainties (some of which are significant or beyond Technip Energies' control) and assumptions that could cause actual results to differ materially from Technip Energies' historical experience and Technip Energies' present expectations or projections. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those set forth in the forward-looking statements.

For information regarding known material factors that could cause actual results to differ from projected results, please see Technip Energies' risk factors set forth in Technip Energies' filings with the U.S. Securities and Exchange Commission, which include amendment no. 4 to Technip Energies' registration statement on Form F-1 filed on February 11, 2021.

Forward-looking statements involve inherent risks and uncertainties and speak only as of the date they are made. Technip Energies undertakes no duty to and will not necessarily update any of the forward-looking statements in light of new information or future events, except to the extent required by applicable law.

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