

Press release

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Everllence to Supply Compressor Technology for Thailand's First CCS Project

Radial barrel compressors to enable capture and storage of 1 million tons of CO₂ per year

Everllence has been awarded a contract to supply two RB compressor skids for Thailand's first Carbon Capture and Storage (CCS) Project. The units will support PTT Exploration and Production Public Company Limited (PTTEP) in capturing and store up to 1 million tons of CO₂ per year at the Arthit gas field in the Gulf of Thailand.

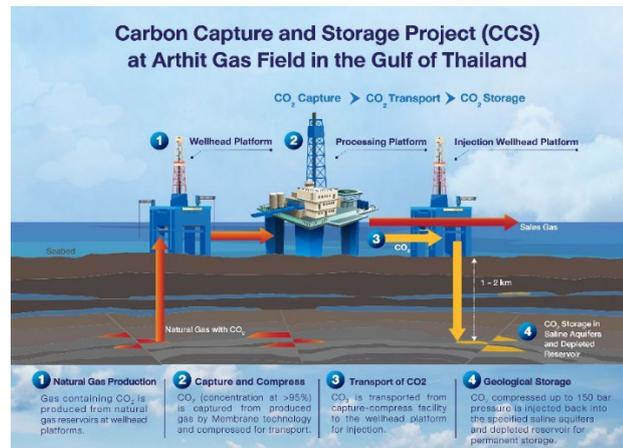
PTTEP's investment at Arthit represents Thailand's first large-scale use of CCS technology and has been recognized as a flagship greenhouse-gas reduction initiative under the Nationally Determined Contribution (NDC) Action Plan on Mitigation 2021-2030.

Daniel Schmidli, Head of Sales Industries SEA at Everllence, stated: "We are proud to contribute to Thailand's first CCS project and to support PTTEP in this pivotal step towards the country's decarbonization ambitions. CO₂ capture and storage is becoming an indispensable lever for reducing emissions in gas production. With our compressor technology, we bring proven expertise and robust performance to a project that sets an important precedent for the region."

Luntharima Somchit, Sales and Business Development Manager at Everllence Thailand, added: "For a project of this importance, close collaboration with the customer and a strong local presence are essential. We have worked closely with PTTEP throughout the project development phase, coordinating customer interfaces and aligning technical and operational requirements. This local involvement will remain central as the project moves into execution and operation."

Everllence's scope of supply comprises two compressor trains based on RB barrel-type compressors for CO₂ handling and reinjection. Both units will be driven by gas turbines from Solar Turbines and delivered as closely integrated solution. In addition, a comprehensive dynamic process simulation will be provided, enabling the compressor systems to operate at their full potential in terms of process efficiency. The equipment will be installed offshore at the Arthit field, with storage operations scheduled to begin in 2028.

Markus Hons, Branch Manager Thailand at Everllence, explained: “Radial barrel compressors are designed to deliver high efficiency and reliability in demanding offshore environments. For the Arthit project, we provide a tailored configuration that supports stable long-term CO₂ compression while allowing seamless integration into PTTEP’s existing infrastructure. We are delighted to contribute our expertise to such a milestone initiative and to support Thailand in achieving its national CO₂ reduction goals.”



Two Everllence compressor skids will be deployed at Thailand’s first CCS project. © PTTEP



Four radial barrel compressors from Everllence will handle CO₂ compression for capture and re-injection. © Everllence

Everllence (formerly MAN Energy Solutions) is a leading provider of propulsion, decarbonization and efficiency solutions for shipping, the energy economy and industry. True to our motto – ‘Moving big things to zero’ – we help key industries in the global economy to reduce hard-to-abate emissions. Our technologies have a measurable impact on the success of the global energy transition. Headquartered in Germany, Everllence employs some 15,000 people at over 140 sites globally. Our after-sales brand, Everllence PrimeServ, also supports our customers through its worldwide service-center network.