Siemens to supply turnkey power plant to Thailand

- Market entry with first two H-class gas turbines in Thailand
- Fifth large power plant project in consortium with Marubeni in the country
- Total order volume about 550 million U.S. dollar

Siemens, together with its Japanese consortium partner Marubeni Corporation, has received an order for the delivery of a turnkey combined cycle power plant to Thailand. Purchaser is the state-owned utility Electricity Generating Authority of Thailand (EGAT). The gas-fired power plant South Bangkok consists of two units and will feature two H-class gas turbines for the first time in the country. After commissioning in 2019 the power plant with an electrical output of around 1,200 megawatts is expected to power 1.5 million Thai households. The combined order volume for Siemens and Marubeni is approximately 550 million U.S. dollar (the equivalent of approximately 500 million Euro).

“This marks not only the fifth order from EGAT for the two consortium partners for a power plant in Thailand but is also the first time that Siemens will supply its largest and most efficient gas turbine to the country,” said Willi Meixner, CEO of the Siemens Power and Gas Division. “We have been able to offer a power plant solution with optimized levelized cost of electricity for the customer’s specific requirements. Siemens is looking forward to executing this project successfully and to continue its partnership with EGAT and Marubeni.”

Siemens will deliver the key components consisting of two H-class gas turbines, two generators and two steam turbines. Also included in the scope of supply are two heat recovery steam generators engineered by NEM and the control system. The consortium partner Marubeni is responsible for civil and erection works, cooling...
tower, high voltage gas insulated switchyard and some balance of plant equipment.

The combined cycle power unit South Bangkok situated 20 kilometers south of Bangkok in the Mueang district is part of the Thai government’s Project Development Plan. The goal of this program is to provide a safe, affordable and environmentally friendly solution for the growing energy demand in the country. Additionally, Thailand is depending more on imported Liquified Natural Gas (LNG). Therefore the need of highly efficient power plants is gaining momentum.

Siemens and Marubeni Corporation already have built Chana 1, Bang Pakong 5, Chana 2 and Wang Noi 4 combined cycle projects for EGAT in the last 10 years.

**H-class gas turbines for South Bangkok power plant**

Siemens will supply two of its most efficient gas turbines as key components to the power plant South Bangkok, Thailand.
This press release and a press picture are available at www.siemens.com/press/PR2017010144PGEN

More information about the Power and Gas Division is available at www.siemens.com/about/en/businesses/power-and-gas.htm

More Information about the SGT5-8000H gas turbine is available at www.siemens.com/energy/sgt5-8000h

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Further information is available on the Internet at www.siemens.com.