

Press release

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Siemens Energy to Supply Industrial Gas Turbine for Power Plant in Chiba

- First SGT-800 gas turbine order in Japan for a new chemical power plant in Chiba Prefecture
- Supports Japan's transitional efforts and shift towards a low-carbon energy economy
- Paves the way for the use of gas turbines for cogeneration and other applications

As Japan looks to gradually phase out the use of inefficient coal-fired thermal power generation plants and make the transition towards low-carbon energy production, EPC customer JGC Japan Corporation is leading by example with the first order for an SGT-800 gas turbine in the country from Siemens Energy. The order was secured with Siemens Energy for the industrial gas turbine and its related components to be installed for a power plant that JGC will build for Sumitomo Chemical in Chiba Works of Ichihara City in Chiba.

The full scope of supply will consist of the SGT-800 gas turbine, a generator and turbine controls, with the performance test completion of the plant planned for 2023. This inaugural SGT-800 order intake is an important positioning for Siemens Energy to penetrate Japan's cogeneration market, and to be regarded as a clean, viable alternative with low carbon emissions - a departure from the traditional coal-fueled plants. It also underscores Siemens Energy's commitment to the Japanese market with local offices and experts supporting the country's energy transition efforts.

For Sumitomo Chemical, the plan to redirect its resources to this new facility from the previous fossil fuel plant - to be closed down soon – signifies its best intention to reduce carbon emissions by more than 240,000 tons annually, which is equivalent to about 20% of carbon emissions produced by Chiba Works.

Siemens Energy K.K. President & CEO Mr. Yasuhiko Otsuki said this milestone achievement is a significant step towards expanding the sales of gas turbines for cogeneration plants and similar

operations in Japan, and that Siemens Energy will provide the full support on project execution to commercial operation.

“The SGT-800 gas turbine is a best-in-class gas turbine with a proven track record. To date, about 400 units have been ordered and installed in plants worldwide. We are pleased to receive this first SGT-800 order in Japan that, once operational, will help contribute to the reduction of carbon emissions by our customers,” said Mr Otsuki.

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This press release and press pictures are available at <https://press.siemens-energy.com/global/en/pressrelease/siemens-energy-supply-industrial-gas-turbine-power-plant-chiba>

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