

Press release

Houston, January 29, 2021

Siemens Energy commissions low-emissions compressor trains for Canadian gas plant

- Commissioning of one feed and one sales gas train and one refrigeration compression train complete for the Pipestone Processing Facility.
- Siemens Energy will provide tailored maintenance services to Keyera Partnership for the gas turbine installation.

Siemens Energy recently completed the commissioning of one feed and sales gas train and one refrigeration compression train for the Pipestone Processing Facility in Grand Prairie, Alberta, Canada. The Pipestone Processing Facility is owned by Keyera Partnership, a subsidiary of Keyera Corp.

The feed and sales gas train features two high-efficiency DATUM centrifugal compressors and gearbox, driven by a 40-megawatt SGT-750 industrial gas turbine. The refrigeration train consists of a gear box and an electric motor-driven DATUM compressor with a variable frequency drive. The project is the first application of this generation of gas turbine for a gas processing plant in North America.

The dry-low emissions (DLE) combustion system of the SGT-750 turbine offers world-class emission performance and fuel flexibility over a wide load range. The turbine can achieve single-digit NO_x emission levels down to a 20% load. The compression train also includes a waste heat recovery unit, which will enhance processing efficiency and further contribute to reducing the plant's carbon footprint.

The facility has a total sour gas processing capacity of 200 million cubic feet per day (with acid injection capabilities), along with 24,000 barrels per day of raw condensate processing capacity and associated water disposal facilities.

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A flexible long-term service contract is in place between Siemens Energy and Keyera Partnership. As part of the agreement, Siemens Energy will provide tailored maintenance services to Keyera Partnership for the SGT-750 installation.

“The fact that Siemens Energy was selected for both compression trains with a long-term service contract is a testament to confidence not only in the technical capabilities of our equipment but also in our ability to ensure smooth, on-time delivery and execution,” said Patrice Laporte, Head of North America Industrial Applications Products for Siemens Energy. “The high efficiency of the DATUM compressors, coupled with the low-emissions profile and industry-leading fuel efficiency of the SGT-750 gas turbine, will enable the Pipestone facility to ensure compliance with applicable Canadian regulations and achieve a lower carbon footprint relative to other processing facilities of comparable size.”



Above: Siemens Energy recently completed the commissioning of one feed and sales gas train and one refrigeration compression train for the Pipestone Processing Facility in Grand Prairie, Alberta, Canada.

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This press release and a press picture are available at www.siemens-energy.com/press

For further information on the **SGT-750 gas turbine**, please see <http://bit.ly/38B6XSx>

For further information on **centrifugal compressors**, visit <http://bit.ly/3sLE6TY>

For further information on **service programs**, visit <http://bit.ly/3ivJAqB>

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