SIEMENS

Press

Houston, January 10, 2019

Encana selects Siemens to provide rotating equipment for Pipestone Processing Facility

- **First North American gas processing plant application for Siemens SGT-750 turbine**

Siemens was recently selected to provide one feed and sales gas train and one refrigeration compression train for Encana's Pipestone Processing Facility in Grand Prairie, Alberta, Canada. Designed to accommodate future capacity expansion, the Pipestone Processing Facility will provide Encana with 19,000 barrels per day of net raw condensate processing capacity plus 170 million cubic feet per day of net inlet natural gas processing capacity. Keyera will own the Pipestone Processing Facility and provide processing services to Encana. The Facility will have total processing capacity of 200 million cubic feet per day and is expected to start up in 2021.

The first train will consist of a Siemens SGT-750 gas turbine driving two Dresser-Rand DATUM compressors for feed and sales gas compression, combined with a Siemens waste heat recovery unit for process heat. The second train will consist of a Siemens electric motor-driven DATUM compressor for refrigeration compression with Siemens variable frequency drive.

"Siemens state-of-the-art SGT-750 gas turbine is the only twin-shaft engine in its power class with industry-leading fuel efficiency and one of the lowest emission profiles," said Patrice Laporte, Vice President, Oil & Gas for Siemens America. "The train configuration achieved by coupling the SGT-750 with the highly efficient DATUM compressors provides an excellent solution for the Encana's Pipestone gas compression service."

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The SGT-750 turbine has a proven track record of satisfied customers in both power generation and mechanical drive applications and is becoming an increasingly popular choice among facility operators. In 2015, Siemens supplied three pipeline compressor trains driven by SGT-750 gas turbines to Central America-based Fermaca for its El Encino – La Laguna pipeline project. In 2017, China's largest acrylic producer, Zhejiang Satellite Energy Co., selected Siemens to provide an SGT-750 gas turbine to drive two Siemens STC-SH single-shaft compressors for Phase II of its propylene dehydration plant.

"We're providing all of the equipment for these two compression trains from one source, which lends testament to Encana's ongoing confidence in our equipment and Siemens' capability to offer a one-stop solution to our customers," said Matthew Chinn, Executive Vice President New Equipment Solutions for Siemens Oil and Gas. "Further to this, our solution is less capital intensive, due to the excellent attributes of the SGT-750 turbine's lower life cycle costs compared to competing turbines in the industry."

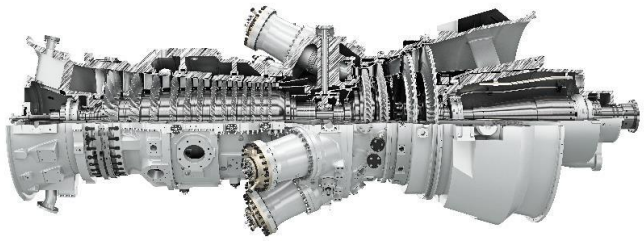
With maximized uptime and a low environmental emission footprint, the SGT-750 offers customers a lightweight industrial gas turbine designed and developed to incorporate the size and weight advantages of an aeroderivative gas turbine while maintaining the robustness, flexibility, and longevity of traditional heavy-duty industrial gas turbines.

The DATUM compressor line is known for its efficiency, reliability, and ease of maintenance which makes these compressors ideally suited for the un-spared feed / sales gas and refrigeration compression applications. In 2015, Encana purchased 10 DATUM compression trains for its Cutbank Ridge Program, designed for the long-term development of natural gas resources in Northeast British Columbia.

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Above: *Siemens' SGT-750 turbine offers customers lower life cycle costs compared to competing turbines in the industry.*

This press release and press picture are available at
www.siemens.com/press/PR2019010121PGEN

For further information on the **SGT-750 gas turbine,** please see
https://sie.ag/2ORY764

For further information on the **DATUM compressors,** please see
http://bit.ly/2Ms5zbz

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