



News Release

FOR IMMEDIATE RELEASE

Quadrogen Power Systems Completes Delta Project to Convert Landfill Gas into Biomethane

New Renewable Natural Gas supply will set stage for FortisBC pilot program

Delta, B.C. – November 27, 2020: Quadrogen Power Systems, Inc. (“Quadrogen”) has completed the installation of its innovative biomethane (also known as Renewable Natural Gas, or RNG) generation project utilizing landfill gas from the Vancouver Landfill in Delta, British Columbia. FortisBC has received approval from the British Columbia Utilities Commission to purchase up to 60,000 gigajoules annually of the produced RNG for injection into its natural gas infrastructure, enough energy to meet the needs of approximately 700 residential homes in the province.

“The successful commissioning of Quadrogen’s biomethane project to process landfill gas from municipal waste into RNG, meeting FortisBC pipeline specifications, is a significant milestone. It demonstrates the integrity and commitment of our team, project partners and sponsors in delivering world-class, high performance gas clean-up and upgrading solutions,” said Alakh Prasad, President and CEO of Quadrogen.

FortisBC will transport the RNG from the project site in Delta by tanker truck, creating a “virtual pipeline” to test the logistics of moving Renewable Gas by truck. FortisBC will be partnering with an independent transport company, Certaurus, who will transport the RNG around 17 kilometres from the Delta project site to an existing FortisBC natural gas pressure regulation station in Richmond. Injecting RNG at the pressure regulation station eliminates the need to install any new permanent infrastructure.

“This is an exciting opportunity to pilot a commercial transportation application for RNG,” said Doug Stout, Vice-President of Market Development with FortisBC. “This paves the way to deliver this carbon neutral energy to or from any area of the province that is not currently accessible through existing natural gas infrastructure.”

Increasing RNG supply is pivotal in reaching FortisBC’s 30BY30 target, an ambitious goal to reduce its customers’ greenhouse gas emissions by 30 per cent by 2030. By 2030, FortisBC hopes to have 15 per cent of its total natural gas supply produced from renewable sources.

“Transitioning to a future where energy is derived from carbon-neutral sources will require foresight and creativity,” said the Honourable Mélanie Joly, Minister of Economic Development and Official Languages, and Minister responsible for Western Economic Diversification Canada. “Projects like this are prime examples of the benefits of companies like Quadrogen collaborating with government to deliver promising new technologies.”

The Natural Gas Innovation Fund (NGIF) has invested \$265,532 towards Quadrogen’s project. “NGIF was excited to support Quadrogen in its work to advance RNG development. The ability to clean up landfill gas and upgrade it into a renewable energy that can be used in natural gas infrastructure is extremely valuable for utilities such as FortisBC,” said John Adams, Managing Director with NGIF. “Renewable gases will enhance the natural gas delivery industry’s role in Canada’s clean energy future.”

Quadrogen and its project partners are grateful for the commitment and contribution efforts of its private and government funding partners including Western Economic Diversification Canada, NGIF, OnQuest Inc. (a subsidiary of Primoris Services Corporation based out of Dallas, Texas), and BC Bioenergy Network.

About Quadrogen:

Quadrogen Power Systems, Inc. of Burnaby, British Columbia, Canada is a privately held clean-tech company that designs, builds, and installs cost effective, high performance gas clean-up and upgrading systems for the industrial and renewable energy sector. Since its inception in 2007, the company has experienced significant growth and has been ranked 3rd by Business in Vancouver's (BiV) 2020 "Top 100 Fastest-Growing Companies in BC". Quadrogen provides engineered solutions using its proprietary technologies to create valuable products, from biogas, industrial waste gas, and syngas. Quadrogen's novel technologies provide lowest cost of ownership by offering market leading performance while improving system reliability for mission-critical applications.

About FortisBC:

FortisBC Energy Inc. is a regulated utility focused on providing safe and reliable energy, including natural gas, propane and thermal energy solutions. FortisBC Energy Inc. employs more than 1,800 British Columbians and serves approximately 1,008,400 customers in 135 B.C. communities. FortisBC Energy Inc. owns and operates approximately 49,000 kilometres of natural gas transmission and distribution pipelines. FortisBC Energy Inc. is a subsidiary of Fortis Inc., a leader in the North American regulated electric and gas utility industry. FortisBC uses the FortisBC name and logo under license from Fortis Inc. For further information visit www.fortisinc.com.

About the Natural Gas Innovation Fund:

NGIF is an industry-led, industry-funded, granting organization created by the Canadian Gas Association that seeks to accelerate cleantech innovation in the production, pipeline transmission, and end-use of natural gas. In doing so, we aim to improve the environmental and economic performance of all in the sector. Our belief is that affordable, reliable, environmentally sound natural gas is a foundational fuel for Canada's long-term well-being.

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