

Taurus Canada RNG awarded \$10 million integrated RNG, carbon sequestration project

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Taurus Canada Renewable Natural Gas (RNG) Corp. on Feb. 12 announced the company has been awarded \$10 million in funding through the Government of Alberta's Technology Innovation and Emissions Reduction (TIER) program to construct a fully integrated anaerobic digestion and carbon sequestration facility that will produce natural gas (RNG) exclusively from livestock manure in partnership with KCL Cattle Company and Kasko Cattle Co.

The announcement was made at a press conference at Kasko Farms Headquarters on Feb. 12 attended by Honourable Grant Hunter, Minister of Environment and Protected Areas, Government of Alberta; Nathan Neudorf, MLA for Lethbridge-East; Kelly Ogle, Board Chair, Emissions Reduction Alberta; Phillip Abrary, Chairman & CEO, Taurus RNG; and, Ryan Kasko, CEO, Kasko Cattle Company.

At the press conference, Alberta's government announced it is investing \$28 million from the industry-funded Technology Innovation and Emissions Reduction (TIER) program to support six new technology projects designed to reduce costs, improve efficiency, and lower environmental impacts. The funding will be delivered through Emissions Reduction Alberta's Industrial Transformation Challenge.

"We are incredibly appreciative of this support from the Government of Alberta through Emissions Reduction Alberta. Their financial support, together with our capital commitment, will allow us to proceed with a pioneering, fully-integrated Renewable Energy and Carbon Capture and Sequestration Project in the heart of Alberta's cattle farming region. In partnership with KCL Cattle Company and Kasko Cattle Co., this first-of-its-kind project will pave the way to establishing global leadership in renewable energy and sustainable farming practices," said Phillip Abrary, Chairman and CEO of Taurus Canada Renewable Natural Gas Corp.

"We're increasing energy production and protecting the environment at the same time. The world wants our energy, and these technologies can help us deliver while lowering emissions and keeping our industries competitive for decades to come. We're investing in made-in-Alberta projects because nobody innovates faster and better than Albertans," said Honourable Grant Hunter, Minister of Environment and Protected Areas.

“Alberta was built by and continues to be built by innovators. It is because of these efforts we are the economic engine of Canada and global demand continues to grow for our responsibly produced energy,” said Brian Jean, Minister of Energy and Minerals.

Through this innovative renewable energy production partnership with Kasko Cattle and KCL Cattle Company, Taurus RNG will utilize their deep process expertise in advanced anaerobic digestion, using a natural decomposition process to break down the manure and produce bio-methane, and avoiding it from escaping into the atmosphere. The result of the process is drop-in clean energy - Renewable Natural Gas (RNG) - which will be injected directly into the natural gas pipeline.

The facility will transform 130,000 metric tons of manure per year into 360,000 GJ of RNG (and a nutrient-rich digestate that serves as a sustainable fertilizer) while simultaneously capturing and sequestering biogenic CO₂. The RNG from the Taurus RNG facility will generate enough energy to power 4500 homes, and it's estimated the fossil fuel displaced will result in the reduction of emissions equivalent to removing 3,800 cars from the road.

“This anaerobic digestion and carbon sequestration facility represents a breakthrough in agricultural technology, turning a waste stream into a valuable resource, enhancing sustainable farming and redefining the value of feedlot manure for cattle operations,” said Abrary.

The facility will officially break ground this summer and it is estimated the construction will be completed and the facility will be fully operational by January 2028.