

Anax Power to Install 1MW Anax Turboexpander (ATE) to Generate Clean Power in Calgary, AB

Wharton, NJ – Anax Power (www.anaxpower.com), whose proprietary technology generates clean power from natural gas, without combustion, has signed a letter of intent with ATCO Gas (ATCO), an Alberta-based natural gas distributor, to install the Anax Turboexpander (ATE) at the South Glenmore Park Gate Station outside Calgary as part of a one-year pilot study for ATCO. The system will add 1MW clean energy capacity and is expected to be operational by the Summer of 2023.

This project will be the first commercial installation of the ATE in Canada, and it represents one of the only natural gas turboexpander projects on North American pipelines in the past decade.

The ATE uses the pressure and flow of natural gas moving through pipelines to spin a turbine and generate clean power. Furthermore, the system uses waste heat in the pressure letdown process, which may allow the ATE to offset existing scope 1 emissions on site.

Expanding the ATE system to other ATCO sites throughout the province has the potential to reduce emissions from the natural gas industry.

The project is being funded in part by the Government of Alberta through Emissions Reduction Alberta (ERA) as a part of their 2020 Natural Gas Challenge.

"ATCO and ERA have been incredible supporters in bringing this clean energy technology to Alberta. The South Glenmore project is an exciting first step for Anax to contribute to emission reductions in Canada's natural gas industry and affirms Anax's commitment to Alberta." said Joe Longo, Anax's CEO.

"ATCO is committed to reducing our emissions while ensuring that our customers have access to safe, reliable, affordable, and sustainable energy as we enable the transition to a net-zero emissions future," said Patrick Bain, Director, Hydrogen Projects and Technology Development. "Importantly, this means long-term thinking by exploring new and innovative energy solutions and technologies, which is why we're looking forward to participating in this one-year pilot study on our natural gas distribution system."

Anax Power is a New Jersey-based clean energy technology company that builds, markets, and develops projects around the 500kW Anax Turboexpander. Anax is headquartered in Wharton, New Jersey, one of the state's economic opportunity zones.

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