



MICROTURBINES

SC600 dual mode micro-turbines provide 1.2MW for Alaska

Horizon Power Systems and Chenega Energy, two of Capstone's North American distributors, have worked together to secure an order for two SC600 dual mode microturbines for powerplant serving an oilfield project in Alaska. The new plant is expected to be commissioned in September 2015, reports WIP.

Capstone Turbine Corporation, one of the world's leading clean technology manufacturer of microturbine energy systems, has received an order for two C600 dual mode microturbines to power a facility and onsite equipment at an oil field project in Alaska.

Horizon Power Systems and Chenega Energy, two of Capstone's North American distributors, worked together to secure the order and develop an ideal power plant for the project. The plant is expected to be commissioned in September 2015.

Two natural-gas-fired C600 dual mode microturbines, designed specifically for high humidity environments, will be installed at an onshore oil & gas production site in Alaska to provide primary power for operating the oil facility and onsite equipment.

Capstone microturbines were chosen in lieu of traditional diesel engine generator sets for their high reliability, low emissions, low maintenance and low noise.

The joint effort between Horizon Power Systems and Chenega Energy underscores the strength and high level of collaboration between Capstone distribution partners.

The development of a new project can take several months or even years. Phases of the project, such as engineering, can take place in a different part of the world



Capstone microturbines in a wastewater treatment plant.

than the installation itself. Providing a seamless experience across Capstone's distribution network is an integral part of this process and ensures the best possible experience and outcome for the end use customer, reports the company.

"The conversion to natural gas is a much cleaner and more efficient solution than traditional diesel engines," Sam Henry, President of Horizon Power Systems comments.

"Combined with the scalability of micro-turbines, this allows for the facility's power plant to expand incrementally, as the volume of production is expected to increase over time," he adds.

According to the U.S. Energy Information Administration (EIA), natural gas accounts for over half of Alaska's electricity generation. Though with natural gas production volumes exceeding local demand, about three-fourths of the natural gas withdrawn



is used at production sites.

"We continue to see the Oil and Gas industry in this Arctic climate embrace the Capstone technology," said Greg Porter, President of Chenega Energy, LLC.

"Our Capstone microturbines surpass the very strict air emission requirements and need no lubricating oil, grease or coolants. This reduces the need for spill-containment and used oil remediation. They are a very straightforward and reliable solution in an industry which often needs to move very quickly," he concludes.

Capstone Turbine Corporation is a leading producer of low-emission microturbine systems and was the first to market commercially viable microturbine energy products. Capstone Turbine has shipped over 8,500 Capstone Microturbine systems to customers worldwide.



C600

WIP

Internet link

www.capstoneturbine.com