



Capstone C800 microturbine at Canadian gas processing facility.

Location
Alberta, Canada

Commissioned
July 2014

Application
Gas processing plant

Fuel
High pressure natural gas

Technology
C800 Capstone microturbine

“Since installation, the package has run flawlessly. It received its annual air filter maintenance after 8,000 hours while still maintaining continuous operation of the facility.”

– Bo Hensley, Corporate Oil and Gas Account Manager, Horizon Power Systems

Redundancy delivers flawless runtime

Outage free maintenance

Built-in redundancy with Capstone microturbines means a Canadian producer can eliminate unnecessary power shutdowns as a cost of doing business.

A natural gas C800 (800-kilowatt) microturbine, comprised of four 200kW Capstone units provided by Horizon Power Systems, powers nearly all equipment in an expanded section of a gas processing facility. When maintenance is underway on one microturbine, the remaining three provide all power needed, eliminating plant shutdowns for maintenance.

The Canadian plant’s continuous operation is what on-shore and off-shore producers strive for, but can be difficult to achieve.

“The facility is able to operate with three of the four C200’s. This arrangement provides the site with built-in redundancy because an extra microturbine is always available,” said Bo Hensley, corporate oil and gas account manager for Horizon Power Systems. “Since installation, the package has run flawlessly. It received its annual air filter maintenance after 8,000 hours while still maintaining continuous operation of the facility.”

- **Flawless operation** since commissioning
- **Powers** nearly all onsite equipment
- **Built-in redundancy;** extra microturbine always available
- **Uninterrupted operation** during annual filter change at 8,000 hours

