

Projects

JOB NAME	Cogeneration Facility
LOCATION	Empress, AB
ROLE	Mechanical Contractor
CLIENT	Midstream Company
START DATE	October, 2021
COMPLETION DATE	May, 2022
VALUE	\$9,500,000



This project involved the mechanical and structural construction of a cogeneration facility to supply the customers existing NGL Extraction facility with up to 45 megawatts of electrical power. This will reduce overall operating costs and will contribute to annual GHG reductions through the utilization of waste heat and the low emission power that is generated.

Our scope of work included:

- Installation and assembly of a LM6000 Gas Turbine Generator and its auxiliary equipment including:
 - Installation & grouting of turbine and generator skids
 - Installation and alignment of the turbine and generator onto the skids
 - Installation of GT bypass stack and waste heat recovery unit
 - Gas Turbine Generator commissioning and start-up support
- Prefabrication and installation of off-module piping and structural steel
- Installation of 6 equipment modules and 6 piperack modules
- Installation of balance of plant equipment
- Offsite fabrication and installation of structural steel for pipe supports, stairs, platforms, etc