

Calgary Airport Calgary, Alberta

1500 kW
Natural Gas

Fast Facts:

Location: Calgary, Alberta

Generating Capacity: 1500 kW

Gas Type: Natural Gas



About the Site:

An ambitious overhaul of one of Canada's key air transport hubs is featuring four 2G natural gas-fired CHP cogeneration modules, each producing up to 355 kW/h of continuous electricity and up to 475 kW each of thermal energy at more than 88% efficiency. The project, which is the single largest expansion ever undertaken at the airport, is incorporating sustainable design principles into a new International concourse, balancing the goals of creating more space, reducing energy consumption and minimizing environmental impact.

Four 2G CHP cogeneration units supplied by 2G are incorporated into the new terminal, to supply electricity and heat. The four 2G patruus 380 high-efficiency cogeneration modules each produce continuously 355 kW/h of electricity and additional thermal energy, which will be delivered to the building in the form of hot water. The modules are complete solutions including sophisticated CHP controls, heat recovery technology, advanced gas train, sound enclosure with space ventilation and special silencers.



www.2G-Energy.com
sales.us@2-g.com
904-579-3217