

Power Generation

Kirkland Lake 30MW Peaker Plant

Client:

Northland Power Incorporated

Engineer

Gryphon International Engineering Ltd.

Location

Kirkland Lake, Ontario, Canada

Project Details:

Aecon Industrial was the Engineering, Procurement, and Construction, (EPC), contractor for the construction of a 30MW Peaker Plant at the existing Kirkland Lake Power Corporation Generating Plant. The new plant consists of 1 natural gas fueled GE LM 2500+ Gas Turbine Generator package in simple cycle. The new plant is part of the existing plant's gross output of power but is intended to be a stand-alone Peaking Plant.

Aecon Industrial's construction scope included civil, mechanical, piping, electrical, and controls installations. Aecon was also responsible for the design engineering, procurement of Balance of Plant equipment, start-up, pre-commissioning, commissioning support and testing services.

The project was completed in July 2004, one full month ahead of schedule.



AECON