



HALTON HILLS 683MW COMBINED-CYCLE GENERATING STATION

CLIENT - TransCanada Energy

LOCATION - Halton Hills, Ontario, Canada

COMPLETED - 2010

DESCRIPTION

Matrix NAC was awarded, as a joint venture, the engineering, procurement, and construction of the Halton Hills Generating Station. Matrix provided complete design, construction, and construction management for the entire project, including setting owner furnished major equipment, subcontract management (aboveground electrical and piping, and specialty items), and start-up and commissioning.

Matrix took a green-field construction approach to maximize use of vendor fabricated skids and pre-assembly work in non-congested areas, minimizing peak workforce and craft personnel density in the power island area.

Since 2014, the Halton Hills Generating Station has contributed to the Provincial commitment to reduce coal-fired generation.

PRINCIPAL FEATURES

- Complete plant design
- Installed owner furnished power island:
 - (2) Siemens STG6-PACX-500F Combustion Turbine Generators (CTG)
 - (2) Alstom Heat Recovery Steam Generators (HRSG) & Alstom
 - Steam Turbine Generator (STG)
 - SPX Complete thirty (30) Cell Air Cooled Condenser
- Furnished and installed BOP equipment
- Designed and installed of high voltage substation
- Procured and installed balance-of-plant (BOP) equipment and materials

FOR MORE INFORMATION:

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