



Hydro ECI inc.

Electricity, Control-protection, Instrumentation

Project description

Project	Vernon Units 5-8
Owner	Trans-Canada Northeast
Location	Vermont, USA
Turbine(s)	4 Kaplan type Saxo de 4.5 MW each
Turbines manufacturer	Litostroj Hydro
Auxiliaries (per turbine)	1 speed governor 1 voltage regulator 1 hydraulic power supply 1 lifting unit 1 cooling system 1 ventilation system
Turbine's operating modes	Local Manual / Local Automatic / Remote Automatic
Turbine's loading modes	Power
Control PLC	GE 90-30
Operator interface	Maple Systems Touchscreens
Equipements and services provided	Phase and neutral cabinets. Medium voltage switchgear equipment. Turbines - generator control and protection panels. Control system design and programming. Installation supervision. Commissioning.