



Hydro ECI inc.

Electricity, Control-protection, Instrumentation

Project description

Project	Madawaska
Owner	Edmunston Energy
Location	New-Brunswick, Canada
Turbine(s)	1 Kaplan double adjustment of 4.2 MW
Turbines manufacturer	Norcan Hydraulics Turbines
Auxiliaries (per turbine)	1 speed governor 1 voltage regulator 1 hydraulic power unit 1 lifting unit 1 cooling system 2 intake gates
Turbine's operating modes	Automatic / Manual / Test
Turbine's loading modes	Position / Water Level
Control PLC	Schneider M340
Equipements and services provided	Phase and neutral cabinets. Medium voltage switchgear equipment. Turbines - generator control and protection panels. Line control and protection panel. Speed governor PLC-TG. Control system design and programming. Commissioning.