



Hydro ECI inc.

Electricity, Control-protection, Instrumentation

Project description

Project	Magpie
Owner	HydroMéga
Location	Québec, Canada
Turbine(s)	3 Kaplan type Saxo of 12.6 MW each
Turbines manufacturer	Litostroj Hydro
Auxiliaries (per turbine)	1 speed governor 1 voltage regulator 1 hydraulic power unit 1 lifting unit 1 cooling system
Turbine's operating modes	Automatic / Manual / Test
Turbine's loading modes	Power / Water Level
Intake	1 rubber dam 3 intake gates
Rubber dam's operating modes	Automatic / Manual
Rubber dam's control mode	Pressure
Control PLC	Schneider Momentum
Operator interface	Wonderware Intouch
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.