



Bayside Power Courtenay Bay Power Plant Unit #3 Repowering

Location: Courtenay Bay Plant, Saint John, New Brunswick, CA

Client: ICS - State / Bayside Power

Gryphon Contact: Jim Noordermeer

Project Summary The project comprised the addition of a single 170 MW gas turbine generating Unit #6 complete with heat recovery steam generator (HRSG) to provide steam to the existing Unit #3 100 MW steam turbine generator. The project also included electrical systems upgrade and installation of a new distributed control system.

Project Services Gryphon provided the following services:

- Engineering and design to integrate the hardware of all Unit #3 control and instrumentation with the new distributed control system.
- Electrical engineering for the modifications to the plant 4.16 kV tie-bus, interlocking schemes, and protection to interconnect Unit 6 auxiliary board with the existing plant. Design for the Unit 6 turbine hall building services.



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