

### Bayside Power – Combined Heat and Power Plant

**LOCATION:** St. John's, Canada

**SYSTEM/TECHNOLOGY:** ABB Advant, ABB GT 24 and BBC steam turbine

**SERVICES:** Commissioning, Project management, Documentation, Basic-engineering and pre-engineering, Detail engineering

**INDUSTRY BRANCH/TYPE OF PLANT:** Power Generation, Power plants

**CLIENT:** ABB Alstom

**PROJECT SIZE:** EUR 500,000

#### Project description

The Bayside Power project is a retrofit for the existing plant in order to convert the from oil to gas fuel, at the same time as increasing output and efficiency. A new GT24 (180 MW) and a new waste heat boiler were installed, and the output of the combined heat and power plant was increased to 280 MW in total.

#### INP services

- Engineering of the DCS system as well as the steam and turbine regulator
- Software engineering including the corresponding operating pictures
- Engineering of the wiring and cabling documents
- Carrying out the FAT
- Providing installation supervision and commissioning personnel on-site
- Global Mobility: Management of international fiscal and registrative requirements

#### POINTS OF CONTACT



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