

## INP Reference

### Son Reus II – Gas and Steam Power Plant

**LOCATION:** Son Reus, Mallorca, Spain

**SYSTEM/TECHNOLOGY:** ABB Advant AC 160 and AC 450, OS 500

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

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

**CLIENT:** SIEMENS

**PROJECT SIZE:** EUR 600,000

#### 200 MW Gas and steam power plant

- Fuel: Diesel
- Gas turbine 2xGE Frame 6FA, each 74MW
- Steam turbine ST8 with 78MW

#### Project description

When the Balearic power grid was nearing collapse in 2003, the local energy provider GESA, a subsidiary of ENDESA decided to build a gas and steam power plant on Mallorca, with a capacity of about 220MW.

#### INP services

- Hardware engineering for steam turbine regulation and controls
- Hardware engineering for the turbine monitoring enclosure
- Controls enclosure manufacture
- Commissioning of regulator and controls for the turbine
- Commissioning of auxiliary devices for turbine protection
- Commissioning of vacuum system and condenser

#### POINTS OF CONTACT



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