INP Reference

Tung Hsiao – Combined Heat and Power Plant

LOCATION: Taiwan

SYSTEM/TECHNOLOGY: ABB Advant, ABB Procontrol P13

SERVICES: Commissioning, Basic-engineering and pre-engineering, Installation supervision

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

CLIENT: ABB / Alstom

PROJECT SIZE: EUR 200,000

Tasks

The ABB Advant instrumentation and control system was used as part of the retrofit of the three GT11 gas turbines in block 3 of the Tung Hsiao combined heat and power plant, each with 86 MW.

Project description

For the upgrade of Procontrol-P13 computers for two gas and heavy oil-fired combination blocks, INP International Projects modified the existing control system software of three gas turbines, one steam turbine, the water and steam circuit as well as the fuel preparation systems, and also independently carried out the conversion of the control systems and recommissioning, including optimization of the control function.

INP services

- Engineering of the control systems and the gas turbine controllers
- Software engineering including the corresponding operating sheets
- Hardware engineering for the complete system
- Carrying out the FAT in the customer's test facility
- Commissioning

POINTS OF CONTACT



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