

ENERGIA MOLISE POWER PLANT CCGT PLANT

Project description

Energia is a private Italian utility company. Energia has decided to invest in building an 800 MW power plant in Termoli by means of the project financing structure.

Energia has selected Jacobs and DONG Energy as owner's engineers to perform consultancy for Energia Molise Power Plant.

Energia and Jacobs/DONG Energy handle project execution from project bid phase (selection of the EPC Contractor) throughout detailed design, construction and commissioning phase.

The plant is constructed by a consortium consisting of Vatech from Austria and Technip from Italy. Notice to Proceed was granted to the consortium in December 2003 and PAC is expected in April 2006.

Main plant data

2 General Electric gas turbines 9FA

2 NE-CCT HRSG:

- Natural circulation
- HP: 274 t/h at 128 bar
- IP/RH: 313 t/h at 30 bar
- LP: 41 t/h at 3.8 bar
- Stack damper
- SCR provision

Siemens steam turbine 285MWe

Cooling towers

Gas-insulated sub-station

Services provided by DONG Energy comprise:

- Acting as full scope owner's engineer together with Italian Partner Jacobs.
- Assisting the owner in negotiation and finalisation of EPC Contract documents.
- Assisting the owner in completion of LTSA Service Agreement for gas turbines.
- Engineering document review.
- Expediting and QA activities.
- Site construction supervision.
- Commissioning supervision.
- Punch list management.



DONG Energy A/S Generation
Kraftværksvej 53
DK-7000 Fredericia
Tel. +45 79 23 33 33
www.dongenergy.com

ref20eng

DONG
energy