

Tjeldbergodden gas power plant**Type of work**

Verification of plant technical concept, engineering, investment and operation cost, supplier contracts, partner contracts as well as environmental and operation permit issues. The work was executed in close cooperation with Statoil.

Concept description

850 MWe Combined Cycle gas fired power station, with two power lines based on "proven technology", e.g. with F-class gas turbines. The plant concept was developed by Duke/Fluor-Daniel (Also with contribution from Lurgi, Topsøe, Costain and Reinertsen). Site preparations for later erection of CO₂ separation plant were included.

Client

Haltenkraft DA
 Project Cost: app. 0,4 MNOK
 Project duration: March 2006

Nebb Engineering delivery

Evaluation of:

- Main process and utility systems
- Equipment selection
- Operation and maintenance philosophy
- Layout and arrangement
- Safety and reliability assessments
- Environmental accounts
- Investment and operation cost

Sweco Grøner AS performed the work related to the contracts with suppliers and partners.