

PROJECT

Cooling Water Naturkraft Gas Power Plant (420MW)



LOCATION

Kårstø, Norway

END USER

Naturkraft, Norway

CONTRACTOR

Siemens Germany

CONSULTANT

ABB Offshore Systems AS

DESCRIPTION

Future Pipe Industries B.V. is the turnkey contractor for fiberglass reinforced coolingwater pipe systems. For this project we have made use of fiberglass reinforced epoxy (GRE) and fiberglass reinforced vinylester (GRVE) pipe systems.

PIPE SYSTEM

Several pipe systems have been supplied ranging from 25mm to 2000mm. Included in the scope are conductive (aboveground) and non-conductive (underground) lines from 6 up to and including 10 bar.

The main cooling water system is capable of transporting 9 m³/sec.

SCOPE

- Engineering
- Manufacture of Pipes, fittings and flanges
- Prefabrication of pipe spools
- Installation
- Commissioning

THE FPI ADVANTAGE

The excellent resistance of GRE and GRVE to seawater, low weight and the low installation cost are the main arguments to use this material for both the onshore facilities as well as the topsides facilities on the floating barge.