

JOB DESCRIPTION



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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Title: | HVDC Converter Engineer - Equipment |
| Location: | Flexible, in parts at project office Oslo and other locations, in part at suppliers', available to travel, possibly at site during commissioning. |
| Closest superior / reporting | HVDC Manager |

Main objectives

NorthConnect is a project set up to develop, consent, build, own and operate an HVDC electrical interconnector between Peterhead in Scotland and Sima in Norway. The 665km long, 1400MW interconnector will provide an electricity transmission link allowing the two nations to exchange power and increase use of renewable energy. The intention is for the HVDC interconnector to be operational by 2023.

The HVDC Converter Engineer – Equipment is a member of the project team who supports the HVDC Manager in a number of areas, including:

- technical specification of HVDC Converter equipment
- evaluation of HVDC Converter tenders
- preparation of converter final contract specifications

Qualifications and experience

Formal education:

- College or university degree in Electrical Engineering

Professional experience:

Required

- Expert knowledge of VSC HVDC converter equipment
- Excellent understanding of planning and engineering process for HVDC projects
- Over 10 years' experience in HVDC transmission systems
- Ability to operate from a base in Europe
- Experience acting for purchasers of VSC HVDC systems
- Experience in specification, tender evaluation and negotiation of complete HVDC systems
- Internationally recognised as a professional engineer.

Advantageous

- Post graduate qualifications in project management and/or business
- Employment on HVDC projects in the Norway or the UK
- Experience as HVDC Commissioning Engineer
- Close involvement with Cigre Study Committee B4

Further knowledge:

- Able to demonstrate high standards in writing technical documents in English

Personal skills:

- Structural approach and goal oriented
- Proven success as a team player
- Excellent Communication skills in English, both oral and reporting.
- Communication in a Scandinavian language is advantageous but not a requirement