

Internship (obligatory/free) / Bachelor / Master (m/w/d)

HVDC and offshore transmission

Description

- Perform transmission grid analysis, grid modelling and simulation in tools like DigSilent/PSSE or similar.
- Support in the analysis of renewable energies (especially offshore wind) and corresponding models
- Contribute to the future grid concepts and development of renewable energies and transmission grids
- Develop, analyze and benchmark different offshore wind connection concepts.
- Participation in the simulation of the HVDC connections and network analysis (losses, voltage, frequency...)
- Support for the integration of new concepts (e.g. storage, energy mix...) in the offshore environment.
- Remote engagement possible

Profile

- You are currently studying successfully at a university with specialization in energy/power systems and bring basic knowledge in the field of electricity grids
- Good academic performance
- Preferably first experiences with tools like e.g. DigSilent/Netomac/Neplan/PSSE
- Proficient in English, other languages welcome
- Initiative - ability to learn - ability to analyze - orientation towards results – team spirit – motivation

About WindGrid

WindGrid will be a reliable partner to proactively build offshore grid infrastructure and renewable energy developers that are looking for solutions which will allow them to securely connect and integrate their offshore energy projects into onshore electricity networks. By maximizing our experience and know-how and co-investing in international offshore grid infrastructure, WindGrid will make a fundamental contribution to accelerating the energy transition.

Contact

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