



ELECTRICAL ENGINEER

ELECTRICAL ENGINEER TO MODEL & ANALYSE THE DANISH POWER SYSTEMS

Energinet.dk has head office near Fredericia and a turnover of more than 9 billion DDK.

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The mission: "As the owner of the overall infrastructure, Energinet.dk maintains the security of supply and ensures the smooth operation of the market for electricity and gas".

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Are you interested in analysing the Danish electricity transmission grid? Do you know how to solve complex, theoretical problems? If 'yes', you could be the new electrical engineer in the modelling and analysis team of Energinet.dk. Specialising in energy and power technology, mathematical modelling as well as economics and market theory, they develop and use calculation tools for power system and market analyses.

As electrical engineer you will be responsible for analysing the electricity transmission grid. Your most important task will be to make grid analyses of dynamic and stationary issues. You will also help to develop and maintain models for stationary and dynamic analysis and increase the use of their main programs in the rest of the organisation. Energinet.dk has many tools at their disposal; the most important one being Digsilent's PowerFactory.

You will liaise with other departments in the organisation and have professional contact with colleagues with transmission system operators in the Nordic Countries (Nordel) and Europe (the UCTE and ETSO). You will also

have the chance to participate in development projects together with Danish and foreign universities and research institutions.

You have a master's degree in engineering, possibly with electricity supply as your specialty, and perhaps you also have a PhD. Experience with analysis of power systems or modelling of electrical machinery and HVDC is an advantage. Whichever background you have it is important that you like working with advanced theories and have strong analytical skills.

You work systematically and have well-developed critical faculties, and with your open and proactive approach you work well with different groups of staff. You are also able to explain complex problems clearly and lucidly.

If you have any questions about the job, you are welcome to contact Peter Thyssen at +45 75 19 19 38 or cell phone +45 20 93 37 34. Please send your application marked EE0109 to job@frontpeople.dk.

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