

Security and Operations Engineer CORESO - European Regional Coordination Service Centre (M/F)

1 What we do

Coreso is an independent company where engineers from several nationalities work together to check and improve the Security of Electricity Supply level in Western Europe.

We are a Regional Coordination Service Centre and thus we provide our shareholders (Electricity Transmission System Operators representing more than 40% of EU's population) with services of coordination with regards to the forecast and operation of electricity flows.

2 Workplace

Avenue de Cortenbergh 71, B-1000, Brussels.

3 Job description

Coreso is seeking professionals with an interest and/or expertise in grid security, grid operations and grid stability for the Regional Coordination Service Centre.

Elia, the Belgian Transmission System Operator, and its counterparts in France (RTE), Great Britain (National Grid), Italy (Terna) and Germany (50Hertz Transmission for northern and eastern Germany) have set up Coreso to retain, develop and enhance grid-security expertise and to make that expertise available for the respective control centres of each national transmission system operator involved with the initiative. Coreso is located in Brussels.

Together with the national system operators, which still plays a crucial role in ensuring that the grid operates securely within their own control areas, Coreso conducts grid-security analyses for the whole of Western Europe using data supplied by all system operators. Coreso is responsible for conducting studies to assess how the various individual national grids interact and for risk-management strategies. Coreso – the first Regional Control Service Centre in Europe – represents an added value for the System Operators involved in terms of grid security.

As a Security and Coordination Engineer, you will be responsible for:

- monitoring grid security at regional European level and assisting the participating Transmission System Operators' National Control Centres: this involves conducting grid-security analyses for the whole of Western Europe and forwarding the outcomes to partner countries' National Control Centres on a daily basis;
- evaluating grid reliability on an ongoing basis (you must have a thorough understanding of all aspects of how power grids function and be familiar with the relevant computational programs);
- preventing disruption and blackouts, working in partnership with National Control Centres;
- anticipating overloads on the various national grids and working with colleagues in other countries to identify solutions to enhance security on the European grid;

- advising on the feasibility of international energy transmission actions when working closely with colleagues in the various national control centres;
- helping to develop Coreso and ensuring that it functions as efficiently as possible;
- playing an active role in the company's other key European-level projects: your conclusions and observations in this regard will be crucial to the various National Control Centres helping to ensure that the grid continues to operate safely.

4 Prerequisites

- You have a Master in engineering in the fields of electricity, electromechanical engineering or electronics.
- Experience in the electricity sector or in grid operation is an advantage.
- You are fluent in English and at least in another language amongst French, Dutch, German or Italian.
- In this position you will be jointly responsible for ensuring grid security in Europe. As such, you must be willing to work varied hours, including evenings, nights and weekends (shift work around the clock, 365 days a year).
- You remain calm under pressure and are able to identify solutions in high-pressure situations.
- You have a sharp and analytical mind and are able to make clear and accurate decisions.
- You are able to communicate confidently with colleagues, including those in other countries.

5 Interested?

Applications should be sent to the Elia Group – HR Selection & Recruitment, Boulevard de l'Empereur 20, B-1000 Brussels, or by e-mail to jobs@elia.be

For further information, please contact Sofie Goemaere: sofie.goemaere@elia.be .