

Security and Coordination Engineer

Job description

1 General context

Coreso's Security and Coordination Engineers play a key role in the operational activities and in the further development: working in a shift system they ensure the operational services, while 25% of their work time is freed up for additional activities contributing to the development of new initiatives, tools and processes. These additional activities are performed in small teams. The Security and Coordination Engineers are supported in their activities by Operation Engineers (operational aspects) and Project Engineers (project aspects). You will be part of the Operations department reporting to Coreso's COO.

2 Job content

As Security and Coordination Engineer, you execute a shift-based function, within an operational team of more than 20 colleagues.

Within this framework your task will be to ensure operational services on a regional level such as:

- Monitoring and assessing the security of the electrical system in a regional context;
- Providing and coordinating appropriate actions with the concerned TSOs to ensure system security
- Ensuring operational security based services in the context of regional market initiatives (market coupling activities, capacity assessment,...)

In addition to the shift work, you will be involved in the development of new initiatives and contributing expertise in projects, tools and processes.

3 Prerequisites

- You hold a Master degree (or equivalent);
- You have professional experience at a TSO in system operations or operational planning, or related field
- You are able to analyse complex problems and situations, capable to integrate different views, and to propose adequate solutions;
- You are a real team player and sufficiently stress resistant;
- You are able to communicate confidently in English and can speak at least one of the following languages: French, Dutch, German or Italian; additional language training will be offered by Coreso;
- You are interested to work in a changing environment with challenging activities to contribute to Coreso's development (projects; operational tools and services,...)
- You will be based in Brussels.

4 Conditions

Appropriate conditions have been developed for the Coreso employees. A complete benefit package is proposed including company car. You will work in a dynamic and international environment that will ensure a very valuable career step for you, including for your TSO when bringing back your experience after a few years.

5 About Coreso

In the context of the opening of the electricity market and the integration of (massive) renewable energy sources, a secure operation of the European electricity system will continue to represent a truly international challenge.

Founded in 2008, Coreso encompasses nine European operators, which are also its shareholders (Elia in Belgium, Eirgrid in Ireland, 50hertz in Germany, National Grid in the UK, REE in Spain, REN in Portugal, RTE in France, SONI in Northern Ireland, Terna in Italy).

Coreso provides services to secure energy transmission for over 55% of the population of the European Union. Located in Brussels, about fifty engineers, seconded from their companies, combine their expertise 24 hours a day, 7 days a week to anticipate the operation both in the short term and the long term.

The mission of CORESO is to proactively support TSOs to ensure security of supply on a European regional basis. Coreso focuses its coordination activities and thus provides the highest added value from a year ahead until Intraday (few hours before real time). Coreso, as the other RSCs, is a service provider of nationally regulated TSOs. Since 2017, System Operation Guideline (European Commission) defined recommendations regarding RSCs activities.

Within the European context of progressing market mechanisms, continuous growth of renewable energy, ambitious grid development and further harmonization, new coordination challenges are numerous. Coreso aims to be at the first row in building up, together with all partners, the adequate coordinated operational processes to cope with these game changers.

Therefore, the corresponding operational human expertise is essential.