

# Grid Expert

## for Transmission Capacity Auction Office in the CEE Region

### JOB DESCRIPTION

#### Contact

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**Selection procedure:** Interview of preselected candidates with auditors

#### Administrative Information

**Job Title:** Grid Expert

**Working Language** English

**Conditions:** To be agreed with selected candidate

**Location:** Auction Office headquarter, Freising (near Munich), Germany  
Travelling through Europe will be necessary

**Date for employment:** to be agreed with the candidate, June 2007 preferred

**Deadline for application:** 27 April 2007

The application should consists of CV and application letter in English

#### Context

According to Regulation 1228/2003/EC and the affiliated Guidelines a coordinated market-based, transparent and non-discriminating mechanism should be developed in order to allocate cross-border transmission capacity among market participants. Considering the special role of Transmission System Operators (TSOs),, e.g. according to Directive 2005/89/EC concerning measures to safeguard security of electricity supply and infrastructure investment, any further development of congestion management has to respect TSOs' fundamental duty: the secure operation of European electric power system.

In order to get more precise physical representation of particular transactions' impact on load flows on interconnection tie-lines and following the Central Eastern Europe (CEE) regulators' request to investigate a load flow based cross-border transmission capacity allocation scheme, the TSOs intend to investigate and implement load flow based explicit coordinated auctions (Physical Transmission Right (PTR) auctions).

For this purpose a group of several TSOs within the CEE region agreed to establish a common auction office for CEE-Regions (CEE-AO) in Freising / Germany. This CEE-AO should act on behalf of the TSO-shareholders when allocating a cross-border capacity and providing settlement of such service.

## **Main tasks**

- Maintenance and development (improvement) of common grid model
- General IT services
- In house development of auction related software
- Prototyping of software
- Analysing of load flow data
- Conduct training and knowledge exchange with colleagues
- Reporting

## **Profile**

- a MSc in electrical Engineering with recent involvement in grid analysis, calculations and coordination. MSc in other field is also possible, but needs to be complemented by actual work experience on related issues;
- knowledge of all aspects of energy supply
- knowledge of energy market
- Analysis, judgement and problem solving
- Good inter-personal skills
- Good oral and written communication skills
- Understanding of commercial issues
- The ability to learn "on the job", in addition to formal training
- The ability to work successfully as part of a team
- Innovative thinker

## **Experience required**

- At least five years relevant experience covering the energy market;
- Experience as an IT expert in a public, consultancy, or academic environment;

## **Language**

- Professional fluency in English. Good language skills in any other Central-Eastern-European languages will be an asset.