

## Working Student/ Internship

### Stellenangebot bei Elia Grid International GmbH

Diese Anzeige veröffentlichen wir im englischen Original, da die Position sehr gute Englischkenntnisse verlangt.

## Working Student or Intern (f/m) for Transmission System Grid Studies and Data Evaluation

Arbeitsort: **Berlin (am Hauptbahnhof)**

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### Elia Grid International GmbH, Berlin

Elia Grid International GmbH (EGI) is a subsidiary of the Elia Group, one of the leading TSO groups in Europe. It is a wholly owned subsidiary of Elia, the TSO in Belgium with 1200 employees, and 50Hertz, the TSO in northeastern Germany with 1000 employees. EGI provides services in the power grid industry in the field of consultancy (e.g., Asset Management, System and Grid Integration of Renewable Energy, System Operation and Planning), as well as in the field of Owner's Engineering (Project Development, Project Management, EPC, and Investment Support). At the Headquarters we are offering to the next possibility the vacancy: Working Student or Intern (f/m) for Transmission System Grid Studies and Data Evaluation.

**Looking for international experience with regards to renewable energy integration & power system planning? Apply now!**

#### Your tasks:

- Performing grid calculations: steady-state power flow simulations, dynamic calculations, optimal power flow, developing optimization and automation algorithms (tools may be Integral, DIGSILENT PowerFactory, Siemens PSS®E, etc.);
- Performing energy market modelling: generation dispatch simulation, energy storage and renewable modelling, generation adequacy Simulation;
- Data management, extracting data from databases, collecting data from publicly available sources, processing data using formulas, filters and codes. Preparing analysis results with graphs and tables using Microsoft Excel, Matlab, R, Python and other database and programming languages;
- Preparing presentations: Having the ability to digest information and compose a storyline, organize information in a logical and concise manner, prepare visual cues using Microsoft PowerPoint;
- Literature/ market research: Collecting information and preparing summaries about a specific technical topic, and/or situation in a foreign market.

#### Candidates should:

- Be a student in an advance stage of your study in Electrical Engineering or Industrial Engineering with a focus on power systems or in the field of electrical engineering, or any other comparable field of study;
- Have an in-depth understanding in energy engineering or similar professional fields, ideally with a study focus in renewable energy;
- Have the basic knowledge of power load flow calculation program, ideally DIGSILENT PowerFactory, Integral, Siemens PSS®E;
- Have a high analytical ability combined with a systematic working approach, as well as a high level of self-organisation and reliability;
- Be highly motivated, be a good communicator, creative, and be a team player;
- Have an advanced level of English (C1) and good German (B2) language skills;
- Have MS-Office experience.

Elia Grid International gives people with handicap a fair chance.

#### We will provide you with:

- Interesting, challenging tasks in a friendly and international environment;
- The opportunity to take over responsibility and to show your strength quickly;
- The chance to get valuable professional experience during your studies;
- The opportunity to get to know a company of the energy industry closely;
- A fair compensation and a nice working place in the Berlin office close to the central station.

#### Your application:

We are looking forward for your complete application including your earliest date of entry and an indication which of the above mentioned fields you are interested in. Applications are possible in German or English language. Please apply online [here](#) by January 27th, 2019 latest.

The 50Hertz Human Resources Department supports this Elia Grid International recruiting project with its services.

Elia Grid International GmbH

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[www.eliagrid-int.com](http://www.eliagrid-int.com)