

We are a young, up-and-coming technical university in the heart of Lusatia, which uses scientific expertise to develop practical solutions for shaping major future topics and transformation processes worldwide.

We would like to strengthen our team at the Department of Decentralized Energy Systems and Electrical Grids at BTU Cottbus-Senftenberg and are therefore looking for a new team member as soon as possible.

**Student assistant job**  
**Up to 19 hours /week, immediately, temporary**

**About:**

The energy and power-grid sector is undergoing a fundamental transformation driven by decarbonization, digitalization, and decentralization. Modern energy systems integrate renewables, storage, and flexible consumers while maintaining grid stability and reliability. Advanced analytics, automation, and smart-grid technologies play a key role in managing increasingly complex grids. Research in this field focuses on improving efficiency, resilience, and sustainability across all system levels. Students working in this domain gain insights into cutting-edge energy technologies and support the development of future-ready grid solutions.

**Your tasks:**

- Support for scientific research in currently relevant topics in the field of energy and grids
- Data acquisition and processing for relevant topics in the fields of grids, renewable energies and energy storages
- Independent creation of short presentations and documentation of research

**Requirements:**

- Currently enrolled in a university degree program at BTU in a field relevant to the job (Power Engineering, Energietechnik und Energiewirtschaft, Elektrotechnik or similar)
- Good to very good academic performance (grades)
- Initial basic knowledge of the energy supply system and its operating components, especially in the area of distribution and transmission grids
- Basic knowledge of Microsoft Office applications, especially Excel and PowerPoint; experience with AI tools is optional
- Interest in scientific and methodical research work
- Very good English skills, both spoken and written (at least B2 level)



**Offer:**

- Opportunity to actively participate in future-oriented energy topics
- Opportunity to gain initial experience in the field of energy and grids
- Flexible working hours and a modern workplace space
- Comprehensive further education and health services
- and more

For further information, please contact Prof. Dr.-Ing. Kaveh Malekian Boroujeni:  
email: [malekian@b-tu.de](mailto:malekian@b-tu.de)

BTU Cottbus-Senftenberg is committed to equal opportunities and diversity and strives for a balanced gender ratio in all employee groups. Applicants with severe disabilities and those with equivalent status will be given priority if equally qualified.

**Your application:**

Please send your application with the following:

- Motivation letter
- CV
- Grade overview and other graduation certificates
- Optional: Reference contacts from previous, relevant jobs and positions

Please send your complete application documents in PDF format exclusively by email to:

**Brandenburg University of Technology Cottbus-Senftenberg**  
**Chair of Decentralized Energy Systems and Electrical Grids**  
**Prof. Dr.-Ing. Kaveh Malekian Boroujeni**  
**Siemens-Halske-Ring 13**  
**03046 Cottbus**  
**[malekian@b-tu.de](mailto:malekian@b-tu.de)**