



Business R&D Intern (f/m/d)

At Hitachi Energy our purpose is advancing a sustainable energy future for all. We bring power to our homes, schools, hospitals and factories. Join us and work with fantastic people, while learning and developing yourself on projects that have a real impact to our communities and society. Bring your passion, bring your energy, and be part of a global team that appreciates a simple truth: Diversity + Collaboration = Great Innovation

Hitachi Energy Surge Arresters are found in a fast growing number of applications worldwide. In our R&D department in Wettingen, we are developing the next generation of surge protection technology and products for a stronger, safer and greener power grid. We are currently offering outstanding students the chance to join our multidisciplinary team of researchers in the field of electrical engineering, design and testing. In the frame of a six-month internship scheduled to start in September 2022, you will be able to put theory into practice by contributing to one of our innovation projects.

Our flexible work practices help you optimize personal and business performance while creating an environment where all employees can develop their skills and grow.

Your responsibilities

- Contribute to current research projects focusing on electrical designs and testing of surge arresters and their components
- Develop and propose new designs starting from state of the art and knowledge of dielectric and field-grading materials
- Prepare and run design calculations using standard and non-standard calculation tools
- Contribute to develop appropriate test methods to validate the technical assumptions together with our HV lab
- Contribute to manufacture prototypes construction
- Evaluate and document findings and present test results to the team

Your background

- Currently pursuing a degree in Electrical Engineering or a related discipline (official enrollment is essential)
- Strong knowledge in electrical engineering design and software tools such as COMSOL
- Previous experience in design and maintenance of electromechanical devices is a plus
- Experience in laboratory work and know-how in experimental methods
- Enthusiastic, self-motivated mindset and ability to work independently

Fluent command of English, both written and spoken (German language is a plus)

More about us

Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all. We serve customers in the utility, industry and infrastructure sectors with innovative solutions and services across the value chain. Together with customers and partners, we pioneer technologies and enable the digital transformation required to accelerate the energy transition towards a carbon-neutral future. We are advancing the world's energy system to become more sustainable, flexible and secure whilst balancing social, environmental and economic value. Hitachi Energy has a proven track record and unparalleled installed base in more than 140 countries. Headquartered in Switzerland, we employ around 38,000 people in 90 countries and generate business volumes of approximately \$10 billion USD. www.hitachienergy.com

Interested in joining our team? If so, we look forward to receiving your full application (motivation letter, CV, references) only via our online careers tool.

Hitachi Energy Switzerland Ltd.
Sonia Canelada Granizo
Talent Acquisition

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