



Research Scientist in Power Electronics

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

General information:

Innovation is the heart of Hitachi Energy and our research centers are the backbone. Join us if you have outstanding scientific or technical expertise as well as drive and passion. Through your research projects you will become part of company-wide community that will shape and help you to develop your career into a technical or managerial leader. Prior knowledge about power systems is welcome, but it is not a requirement. For our research center in Sweden, we are looking for a research scientist with expertise in the area of Power Electronics. You will work in dynamic, motivated, and creative teams with a wide range of experience and competence and with access to highly advanced laboratory facilities

Responsibilities:

- Identify technical requirements and drive innovation within the area of future sustainable energy
- Develop and provide solutions for technical challenges in R&D projects
- Conduct laboratory tests, analyze data, and improve/optimize to demonstrate feasibility of new concepts
- Lead R&D projects or work-packages with a structured working style, target-oriented strategy, and effective leadership
- Create ideas and proposals for R&D projects within the domain of energy systems
- Interact and actively communicate with team members, customers, suppliers, as well as collaborators in partner companies and universities
- Deliver results in the form of software, hardware, technical reports, patent applications, scientific papers, and presentations
- Build a network in the company and actively share your knowledge and expertise

Your background:

- You have a PhD in Electrical Engineering specializing in power electronics, or a comparable master's degree combined working experience
- Experience of PE converter/controller design, and hardware implementation
- It is beneficial if you have knowledge and experience using multiple technical disciplines in specialized areas such as (not limited to) energy storage, electrical vehicle solution, reliability analysis, machine-learning
- We consider it to be an advantage if you have previous experience of leading R&D projects
- You have a curious mindset and can easily adapt to new challenges.
- You have excellent communication skills and team player attitude Fluency in English, both written and spoken

More About Us

Are you ready for a new exciting challenge? Welcome to apply. (more job posting on web coming soon)

Recruiting Manager Nan Chen, nan.chen@hitachienergy.com will answer your questions about the position. Union representatives – Sveriges Ingenjörer: Bo Westman, +46 107-38 38 04, Unionen: Karin Boholm, +46 107-38 65 85, Ledarna: Christer Fridlund, +46 107-38 29 12. Other questions can be directed to Talent Acquisition Partner, Sofia Lindblom, sofia.lindblom@hitachienergy.com

Basic Info

Location	Vasteras, Vastmanland County, Sweden
Job type	Full time
Experience	Experienced
Job function	Engineering & Science
Contract	Regular
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