

# Step into the future of Power Technology today

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 117,000 people.

## Collaborative R&D Engineer Lab Technician Västerås

Do you want be involved starting up a new test lab from scratch? And do you want meet new challenges on a recurring basis where one testing rarely is like the previous one? You will at times test according to existing standards, but oftentimes you will need to develop new, tailor-made testing methods and measuring techniques.

Are you familiar with modern, programmable, high-resolution oscilloscopes and graphical programming tools, such as LabView? And are you creative and able to think outside the box? Can you work independently, as well as collaborate with others, and initiate actions to solve problems? Search for Job-ID NB50444988.

## Creative R&D Engineer Power Electronics Västerås

Would you like to make good use of your analytical skills and your understanding of both technology and business? With good knowledge of power electronic converters, their topologies, control and interaction with the power grid, you will help us develop the design and control of novel power electronics systems for grid applications in FACTS.

Do you have experience from power system design and analysis, power electronics design and control, and/or application of Control Theory to power converter systems? Are you creative and can work independently, as well as collaborate with others? Search for Job-ID NB50431507.

## R&D Engineer Power Electronic Converter Design Västerås

Do you want to be a part of R&D projects in early phases of the development process? As our new R&D Engineer within Electronic Power Design, a focus area for FACTS, you will primarily be involved in the conceptual stages, but also all the way to production – in collaboration with other ABB units where the production is performed. You will work with design of power electronic converters and valves, cooling issues and semiconductor devices in various development projects. You will also plan and participate in testing in our new power electronics lab.

Do you have an MSc or a PhD in Power Engineering, Power Electronics or Mechanical engineering? Can you think outside the box? Are you equally comfortable working independently as collaborating with others? If the answer is yes, search for Job-ID NB50431524.

## R&D Engineer Control Systems with initiative Västerås

Would you like to focus on concept development and architectural overview of control systems, rather than on detail implementation issues? As our new R&D Engineer Control Systems, you will mostly be involved in the early stages of our R&D projects to develop the hardware and software architecture for our new products, but you will often watch over the whole process – until the product is delivered. You will also work with the modularization of software and hardware to maximize standardisation and re-usage.

Can you initiate actions for problem solving? Are you open and interested in meeting people from various cultural backgrounds? Search for Job-ID NB50431519.

## Responsible R&D Engineer Test Leader Västerås

Do you want to create an all-new test lab? Our new test lab is to be built from scratch and by joining us now, you will be involved from the very start – planning and designing the lab you will take charge of. In this position, you will also be the head responsible for quality and maintenance of the lab equipment. And as Test Leader, you will be involved in each and every phase of planning, organizing and performing high power testing.

Do you have experience of high power testing of electrical equipment? Are you familiar with safety procedures in a power lab environment? Search for Job-ID NB50444985.

## Driven R&D Engineer IP Process and Strategy Västerås

Do you want to be involved in a crucial part of the R&D process within grid-connected power electronics? You will help us step up our Intellectual Property activities substantially to foster innovation. Initially, you will develop and implement an IP strategy for FACTS R&D. You will also act as Review Manager and Reviewer of invention disclosures and patents. You will have the chance to combine the IP work with technical work in R&D projects and – part of your time – coordinate IP training and IP tools at FACTS.

Do you have a solid background in Power Engineering/Power Electronics, a good understanding of FACTS devices – especially voltage source converters? Do you have experience of working with patents and interest in IP strategy? Then search for Job-ID NB50431525.

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