

Senior High Voltage Specialist

We are seeking a highly qualified and experienced Senior High Voltage (HV) Specialist to join our innovative team. The successful candidate will be instrumental in the design, development, and optimization of high voltage systems, components, and subsystems for our clients within our owner's engineering team. A strong grasp of high voltage engineering principles and standards, coupled with exceptional problem-solving skills, is essential. Commitment to safety and adherence to industry standards is a must.

Qualifications:

- **Education:** Bachelor's, Master's, or PhD in Electrical Engineering.
- **Experience:** Minimum of 4 years in high voltage engineering. Proficiency in relevant calculation and simulation tools for HV engineering design, such as ETAP, PSCAD, DigSILENT PowerFactory, or similar software.

Key Responsibilities:

- Conduct conceptual and detailed design for complete HV substations and medium voltage (MV) collector networks.
- Optimize costs and revenues for hybrid power plants, incorporating wind, photovoltaic (PV), Power-to-X (PtX), battery energy storage systems (BESS), and other renewable energy sources and loads.
- Size and select HV/MV components, including switchgear, transformers, circuit breakers, cables, protection systems, and earthing solutions.
- Demonstrate a solid understanding of procurement processes and engage effectively in OEM negotiations.
- Develop control topology for HV substations, including Remote Terminal Units (RTUs) and Supervisory Control and Data Acquisition (SCADA) systems.
- Ensure the delivery of robust HV system designs that comply with local regulation and industry standards by conducting insulation coordination, lightning protection, protection, energization, load flow, and short-circuit studies.
- Work with system voltage ranges of 10-400 kV.

What we offer

This position offers a unique opportunity to leverage your expertise in a challenging environment that values innovation and excellence. You will join a team that consists of some of the best minds in the industry. If you are ready to make a significant impact in the field of high voltage engineering, we encourage you to apply.

Apply

Does this sound like your next challenge?

To apply, please send your CV and application via our [website](#).

If you have any questions for us, you are more than welcome to contact our Director HR & Administration, Jan Konstantin Rosenby, at +45 2014 6468. We review candidates on an ongoing basis, so please don't hesitate to get in touch.

We are SCADA International

We are an energy powerhouse committed to supporting our customers across their entire value chain. From planning and designing to implementing and managing their portfolios of assets, we empower our clients to achieve their vision of a sustainable future.

When joining SCADA International, you join a dynamic company with vast experience in power regulation and control, data monitoring, grid modeling, and consulting within renewable energy. Our team includes employees in business units located in Denmark, Germany, Poland, Romania, Spain, Portugal, the US, and Ukraine, reflecting our multicultural organization and diverse expertise.

We are committed to ensuring the well-being and safety of our employees, as they are the backbone of our operations. Working with us, you will become part of a friendly environment with +240 innovative and bright colleagues.