

Electrical Engineer - High Voltage

Deadline:
18-08-2026

Are you searching for a place to work where you can truly make a difference and have a leading role in our continued expansion? A role where you will have the trust as well as the responsibilities to play a key role in shaping the way we work? Within a team that is the pillar for all developmental work within our division, driving innovation and setting the standard for all upcoming projects? Then this is your chance to not just show what you're made of, but also to join a world leader within renewables energy that have no intention to slow down the green energy transition.

Contact data:
Jesper Rytke

Location:
Denmark , DK - Esbjerg, DK -
Copenhagen, PL - Gdynia

Your position

We offer you an interesting and challenging job in an international organization, where we strive to provide innovative and creative solutions. You will get the unique opportunity to work in an environment characterized by dedication, passion, and ambition.

At Semco Maritime you will be joining our dedicated Product Line Team in our Renewables Division whose mission is to develop solutions for Offshore Substations engineered and constructed together with our close partners. Our goal is to standardize solutions while maintaining flexibility to align client needs with supplier capabilities. Offshore substation industrialisation is the key enabler for the green transition worldwide, and as such, your product solutions will need to reflect that. We have the largest project portfolio within offshore substations worldwide, so you will join a well-established company in growth and work with a team of changers.

"We are world-leading within offshore substations, and we have a strong focus on both AC and DC connections, as well as advanced floating technologies. Our Offshore Wind markets include Europe, Asia, and the USA, which means that you can expect to be involved in projects worldwide!" - Director, Product Line Management, Jannick Elmbæk Olsen.

Your tasks & responsibilities

As our new Electrical Engineer for High Voltage, you will be responsible for development, implementation, and maintenance of the products and solutions offerings for our offshore substation product line.

Your tasks will include but are not limited to:

- HV/MV product and solutions development and maintenance in line with future market requirements
- Proposal development based on the architecture framework and the client's requirements
- Working closely with our Tender team focusing on our customers Employer Requirements and Semco Maritimes own modular architecture
- Maintain knowledge on market demand and implement product improvements and requirements for product line to fit future projects
- Coordinate and secure strategic supply chain together with Procurement, including cost-out activities
- Develop and maintain the product roadmap with input on new technologies from the supply chain, organization, and the market
- Provide supervision and guidance to the development and execution teams

The successful candidate will be expected to form strong working relationships with the other existing teams e.g., in sales, tender, project management, construction, and most importantly, our in-house engineering organisation.

Your profile & qualifications

You are an experienced HV professional with a product development mindset, preferably coming from either an OEM or from an engineering organisation. Your collaborative spirit

and commercial acumen will thrive in our international setting. In addition, you are a proactive team player with a continuous improvement mindset, analytical prowess, and a solution-oriented approach.

To succeed in this position, we expect that you:

- Have experience with design, procurement and construction of the high voltage and medium voltage systems, such as electrical distribution, power transformers and GIS switchgear.
- Are familiar with industrial layout design, routing, 3D modelling, structural and weight estimation of high voltage components, preferably on Offshore Substations
- Have experience with interface management across systems
- Possess excellent communication skills in English

As a person you are a natural team player and collaborator who enjoy working across many business areas. You have a strong drive and desire to continually develop high quality solutions in a dynamic environment. Furthermore, you have strong analytical and problem-solving skills to come up with efficient ways to solve obstacles.

You are born curious and have a positive mindset.

The position is full time and your work location can be either at our office in Copenhagen, Esbjerg or Gdynia. You should expect up to 10-30 travel days annually.

If you have any questions, you are welcome to contact Head of Solution Engineering, PLM – Jesper S. Rytke +45 2721 9705.

We conduct our interviews on an ongoing basis, so if you are interested, you must submit your application as soon as possible via the link on the page.

Welcome to Semco Maritime

At Semco Maritime, we create change. For people. For projects. And for the global energy sector. With us, you will join a community of over 2,300 of the most dedicated thinkers and doers in the energy industry who are driving real change and making their own personal mark on the global energy landscape.

While everyone knows *why* the energy transition is vital, we are concerned with the journey. *How* to get there. By providing the answers needed to make change real.

Because we believe that global energy ambitions can only be realized through hard work and clever pragmatic solutions. This is what we do. This is what we invite you to participate in.

Safety is at the core of everything we do, and we are committed to protecting our people, partners, and the planet as we work towards a sustainable energy future.

So yes, working for us will change the energy sector – and may well change you too.

We know that our people are our greatest strength. We strive to build an inclusive workplace where everyone can be themselves, contribute their perspectives, and feel part of the team. We welcome applicants from all backgrounds and believe that diverse teams help us find better solutions and move the energy transition forward.

Care to join the movement?

Change. With us.