

Mechanical Engineer - Offshore Substations

Join our team and help shape the future of renewable energy!

We are looking for a highly skilled and motivated **Mechanical Engineer** to strengthen our Mechanical team. In this role, you will be a key contributor to the design and development of mechanical systems for offshore substations in the renewable energy sector. Your expertise will ensure safe, efficient, and reliable operations in challenging offshore environments.

Your Role at Semco Maritime

You will become part of our **Renewables Division**, which boasts one of the largest offshore substation project portfolios worldwide. Working alongside experienced professionals, you will contribute to innovative solutions that drive the global energy transition.

Key Responsibilities

As our new Mechanical Engineer, you will primarily work on **EPCI (Engineering, Procurement, Construction, and Installation)** contracts for offshore substation projects. Your responsibilities will include:

- **Design & Engineering:** Develop innovative mechanical designs and solutions in collaboration with interdisciplinary teams.
- **System Integration:** Ensure seamless integration of mechanical systems with electrical, structural, and control systems.
- **Compliance & Standards:** Guarantee adherence to industry standards, codes, and safety regulations throughout all phases.
- **Documentation & Reporting:** Prepare technical documentation, drawings, and reports to communicate design concepts and maintain accurate project records.
- **Budget & Quality Control:** Manage cost, hours, and quality for mechanical systems within assigned projects.
- **Stakeholder Coordination:** Align technical solutions with internal and external stakeholders, including clients and suppliers.
- **Continuous Improvement:** Drive process optimization, participate in lessons learned, and contribute to engineering standards development.

Your tasks will include but are not limited to:

- Produce and manage design solutions and procurement documentation.
- Coordinate troubleshooting with clients, suppliers, and project disciplines.
- Facilitate client workshops and meetings to align scope and technical solutions.
- Clarify client requirements during tender and project phases.
- Oversee and sign off on FAT (Factory Acceptance Tests) and SAT (Site Acceptance Tests).
- Participate in concept development and optimization of technical solutions.

Your profile

Although titled **Mechanical Engineer**, this role involves working with **multi-disciplinary systems** such as diesel generator and fuel systems, requiring knowledge across mechanical, electrical, and control disciplines. Success in this role depends on strong collaboration and teamwork.

We expect that you:

- Hold a **Bachelor's or Master's degree** in Mechanical Engineering, Marine Engineering, or similar.
- Have experience in **EPC project execution**.
- Preferably have experience with **diesel generator systems** and offshore projects.
- Are familiar with industry standards such as **DNV, IEC, and ISO**.
- Possess strong communication and teamwork skills.
- Demonstrate attention to detail with a focus on **quality and safety**.

Why Join Semco Maritime?

We offer an exciting and challenging position in an international organization committed to delivering innovative and sustainable solutions globally. You will work in an environment defined by **dedication, passion, and ambition**, with opportunities to make a real impact on the renewable energy revolution.

Location: Kielecka 2, 81-303 Gdynia, Poland

We conduct interviews on an ongoing basis, so please submit your application as soon as possible via the link on the page.

For questions, contact **Rafid Kajo, Manager of Mechanical Team**, at +45 7916 6867 or +45 3016 6613.

Join us and help power a sustainable future!