

Electrical Systems Engineer

La Rochelle (Lagord), France

Join Genevos – Powering the Future of Clean Maritime Energy

At Genevos, we are on a mission to decarbonize the maritime sector. Our cutting-edge fuel cell technologies replace polluting combustion systems with clean, high-efficiency energy solutions, helping the shipping industry move decisively toward net-zero emissions.

We design and industrialize modular power systems that convert alternative fuels such as hydrogen, LNG, and methanol into electricity with exceptional efficiency and dramatically reduced emissions. Joining Genevos means contributing to innovative technology that makes a real-world environmental impact.

Why Work with Us

Genevos is a fast-growing, mission-driven company where ownership, creativity, and collaboration define our culture. You'll work alongside passionate engineers, technologists, problem-solvers, administrators, and leaders tackling high-impact challenges that advance sustainable maritime transport.

If you're motivated by innovation, energized by responsibility, and eager to contribute to meaningful environmental progress, you'll thrive at Genevos.

The Role

We are seeking an experienced Electrical Systems Engineer who will lead the design and engineering of electrical power and control systems of Genevos' new fuel cell module developments for high power ship installations. Reporting directly to the Technical Manager, the role includes:

- Designing and modelling electrical system architecture of multi-stack fuel cell modules and fuel cell systems.
- Detailed design of the electrical systems installation through to detailed electrical drawings in accordance with system requirements and regulations;
- Specification and procurement of components, working closely with key manufacturers and suppliers.
- Participating in the product industrialisation process through design for manufacturing, with continuous optimisation of products and services to maintain Genevos' competitive advantage;
- Preparation of reports and documents related to tasks (e.g. design reports, electrical BOMs, circuit diagrams, etc.)

Qualifications & Experience

- Minimum of 2 years' professional experience in electrical systems integration engineering
- Education: Master's degree in Electrical Engineering or equivalent;
- Experience in electrical systems engineering, particularly in the design, prototyping and industrialisation of transmission systems;
- Experience in high-voltage and high-power systems;
- Proven ability to support projects from design to completion;

- Ability to participate in technical meetings in English and French.

Personal Skills Required:

- High autonomy, rigor, and strong team spirit, with the ability to set priorities and manage time effectively.
- Results-driven with a focus on continuous improvement.
- Strong organizational skills and ability to handle multiple tasks simultaneously.
- Excellent interpersonal skills and strong professional ethics.

Additional Information

- Location: Lagord, Charentes-Maritimes, 15 minutes from La Rochelle by bike.
- Contract: Permanent, full-time (open-ended).
- Salary: from 38 000 Euros
- Start date: ASAP.

How to Apply

Send your CV and cover letter to careers@genevos.com. Only qualified applications will be considered. Applications are confidential. Refer to our [privacy policy](#) for details.