

Electrical Technologist

Dartmouth, NS | Full Time | Technology

We are a turnkey supplier of integrated tidal energy generation systems and are seeking an Ocean Technologist to join our team in Dartmouth, Nova Scotia. The Ocean Technologist will be responsible for the operations and maintenance of all project-related equipment including electrical and mechanical diagnostics, maintenance, and installation activities.

Reporting to the Operations Manager and interfacing with the UK engineering team, the Ocean Technologist will be responsible for installation activities, including, but not limited to the platform control systems (Siemens), instrumentation and communication systems and interactions with the environmental and marine life equipment monitoring. You will ensure the reliable operation of tidal energy platform(s) and arrays, monitor the performance, and provide advice on potential enhancements to the operations teams.

Knowledge and Skills

As the ideal candidate you will have a diploma in Oceans Technology/MED A1 Certificate, SVOP /Shortage Range VHF License or equivalent experience combined with practical, in-field experience with installing and commissioning and deploying devices in the marine environment. You will possess a high level of IT literacy and engineering skills.

- Installing, commissioning, and deploying devices in the marine environment (testing, troubleshooting, and calibrating electro-mechanical and electronic devices).
- Understanding the impact of the physical marine environment (temperature, salinity, bio-fouling issues, currents, pressure, etc.) on telemetry, energy flow, data transmission and device performance.
- Operating devices and understanding the marine/environmental properties being monitored.

- Planning and managing projects and field missions, collect and analyze data and prepare technical reports.
- Receiving basic seamanship skills and the appropriate safety training to work either at sea or in a land-based industrial setting.

If you are interested in working in a fast paced and dynamic environment in the Tidal Energy industry and you have a “can do attitude” we want to hear from you.

If interested, please email us your resume to careers@sustainablemarine.com