



Electrical Design Engineer (Edinburgh)

Company: Nova Innovation

Location: Edinburgh, UK

(Due to expansion, we are also advertising for a Mechanical Design Engineer and Project Engineer. We welcome applicants with a combination of skills from these job descriptions).

If you would like to apply, please email your CV **with a tailored covering letter** to applications@novainnovation.com, explaining why you think you would be suited to this position, your reasons for applying and other pertinent information e.g. available start date, relocation/visa status.

Applications without a covering letter will not be read.

For the Subject field in your email, please use: **Job application: 22008 Electrical Design Engineer.**

Summary

Nova Innovation is recruiting for an Electrical Design Engineer with 5-10 years' experience to join our talented and energetic team working at the forefront of the tidal energy industry.

The Role

The Electrical Design Engineer will complement the existing skills within our Electrical Engineering team. The successful candidate will work on turbine and array design from concept, through to turbine operation.

Responsibilities

Primary responsibilities of this job will include:

- Electrical design and build of tidal turbines
- Analysis of operating data
- Modelling of control systems
- Responsibility for electrical works including HSE in this area
- General electrical or electronic design and documentation
- Occasional travel to site, supplier, and client meetings
- Other engineering and company duties required by the business

Attributes

We would expect applicants to have the following attributes:

- Experience in design and implementation of electrical systems
- Ability to take responsibility for the management and delivery of all electrical operations, including compliance with all health and safety policies
- Ability to work with external contractors
- Ability to produce design, operations, HSE and servicing documentation



- Good problem solving and innovative skills
- Self-motivation and capable of meeting deadlines
- Positive personality with a 'can-do' attitude
- Flexible and able to thrive in a dynamic environment

Examples of other beneficial experience include:

- Familiarity with CAD systems
- Experience within the solar, wind or marine renewable industry
- Cross-discipline knowledge e.g., hydraulic, mechanical, industrial control systems
- A keen interest in the renewable energy sector

Background to Nova Innovation

Nova Innovation is a world-leading tidal energy company delivering a proven technology with global potential. We design, build, and operate tidal energy turbines and have offices in Scotland, Ireland, Wales, Canada, and Belgium.

Nova has a strong track record for growth and delivery including deploying the world's first offshore tidal array in Shetland, Scotland in 2016; successfully building the world's first baseload tidal power station in partnership with Tesla in 2018; and winning our first international projects in Canada in 2020.

With a full order book, Nova is looking for an Electrical Design Engineer to help drive the continued development of Nova's tidal technology and scale-up of the business.

Conditions, remuneration and benefits

The position can either be part-time or full time depending on the candidate and/or level of experience.

Competitive salary is negotiable depending on experience. We also offer a pension scheme with an employer matching contribution up to maximum of 5% of salary.

Annual holidays are 25 days per annum plus 8 public holidays (with a pro rata adjustment for part-time roles).