



RFC Power's mission is to accelerate the world's transition to low carbon energy by reducing the cost of energy storage. We are a VC-backed spinout from Imperial College London focussed on developing the world's lowest cost flow battery.

RFC Power is looking for motivated scientists and engineers to join a growing London based team developing the next generation of grid scale energy storage solutions. Backgrounds in areas such as product design, reactor design, systems design and integration, electrochemical technology, and cell and stack manufacture, are all relevant.

FLOW BATTERY ENGINEER

About the role

The role will involve the design and evaluation of flow battery cells, stacks and systems. The candidate will be part of a small, dynamic team and will have a big impact on the understanding & development of a technology which can disrupt the global energy storage market.

Job Description

The Flow Battery Engineer will lead the RFC flow battery engineering programme, working with Engineering and Research staff to design, build and test flow battery systems. Key responsibilities and activities will include:

- Undertake design studies of cells, stack and systems
- Design, conduct and analyse experiments in support of the RFC development programme
- Supervise junior engineering staff as required
- Liase with suppliers, customers and external partners as required
- Produce technical reports and present these to key stakeholders
- Maintain an awareness of competitor positions and the state-of-the-art in the field of flow battery engineering
- Make recommendations to ensure arising IP is protected

Person Specification

Essential requirements:

- PhD or equivalent experience in an engineering discipline or a field of applied electrochemistry.
- Good knowledge of engineering simulation tools and methods, with experience of applying them to solve problems.
- Experience of designing, undertaking and analysing laboratory experiments.
- Experience of presenting technical data to a range of stakeholders in both written and oral form.



Desirable requirements:

- Two or more years industrial experience in a field of technology development relevant to flow batteries
- Experience in the design of electrochemical cells, stacks and/or systems
- Experience in undertaking experimental studies of electrochemical cells, stacks or systems

Skills and Abilities:

- Ability to analyse scientific articles, patents and experimental data
- Ability to lead both design work and the design and analysis of experiments
- Creative approach to problem-solving
- Excellent communication skills
- Ability to organise prioritise own work in response to deadlines
- Ability to work safely within an appropriate risk assessment framework

Personal Attributes:

- Desire to be part of the solution enabling the transition to low carbon energy
- Willingness to work as part of a team and to be open-minded and cooperative
- Highly self-motivated
- Disciplined with regard to confidentiality, safety, and security at all times
- Willingness to undertake any necessary training for the role
- Willingness to travel both within the United Kingdom and abroad

Location

This is a permanent, full time role based at the Translation and Innovation Hub (i-Hub) at Imperial College's White City campus.

Diversity Statement

We believe that diversity makes us stronger and look to employ people with different ideas, styles and skillsets. We're committed to recruiting, promoting and rewarding our people solely based on their ability to contribute to RFC's goals, without regard to their sex, race, disability, religion, national origin, ethnicity, sexual orientation, age or marital status.

Get in touch

If you would like to be part of the RFC Power team and have the requisite skills and experience **please send a CV and cover letter to info@rfcpower.com**. No recruiters please, direct enquiries only.