

# Computational Fluid Dynamics



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At AFC Energy we are developing a fuel cell based technology that will revolutionise the production of power for large scale stationary applications.

We currently have an exciting opportunity for an experienced CFD engineer to work as part of our systems design team.

## Role Definition

- Work within our design team to optimize current system configuration and operation.
- Support development on second and third generation product design.

## Essential

- Comprehensive professional experience in flow modeling of complex systems
- A thorough understanding of the fundamentals of fluid mechanics and heat transfer through the implementation of design principles
- A good level of understanding of CFD methods and tools
- Hands on approach to problem solving

## Desirable

- Masters degree in Mechanical, Aerospace or Chemical Engineering
- PhD in CFD or related discipline
- Background in COMSOL modeling
- An understanding of Material Science
- An up to date understanding of manufacturing methods and fabrication techniques
- A strong interest in the clean tech energy sector

## Individual

- A solid team-player, capable of communicating concepts clearly and concisely in written and verbal form
- Thrive on technical challenges and be adept at solving complex problems in a multi-disciplinary working environment
- Be confident to suggest and initiate new ideas
- Have the right to work in the UK without restriction

## Remuneration

The candidate will receive a competitive salary and benefits package, which includes medical and life insurance.