

## **Energy Yield Assessment Engineer**

### **London or Dublin**

#### **About the company**

Greensolver, one of the leading third-party providers of services to the renewable energy sector, (since 2008), manages wind and solar power assets for its clients (mainly investment funds) in Europe.

Independent since 2013 following an MBO, Greensolver is ramping up its development through an organic growth (new clients) and external growth strategy (acquisition and partnerships).

Greensolver offers a wide range of solutions covering construction, technical, administrative, accounting and financial operations of wind and solar plants and advises investors on the acquisition or sale of assets.

#### **Job description**

Contract: permanent

We are currently seeking an Energy Yield Assessment Engineer – the position could be either based in Dublin or London. The Energy Yield Assessment Engineer will:

- Conduct due diligence analysis with regards to wind resource, energy yield, project capacities, turbine/solar layout and suitability of sites for proposed wind/solar sites, notably in new markets.
- Wind farm turbine layout design (Onshore and Offshore) and solar farm design.
- Design of optimal site-specific measurement campaigns for wind and solar sites, including cost/benefit assessments of different technologies.
- Analysis and reporting of site measurements including meteorological masts, SoDAR and LiDAR.
- Overseeing the collection and quality control of meteorological data to ensure maximum data coverage.
- Production of wind/solar resource and Energy Production Estimates with the highest possible accuracy. These are delivered in accordance with required project timelines.
- Reviewing third party reports and providing analysis on these.
- Management and review of third party energy production reports, ensuring optimal service from suppliers.
- Liaising with turbine suppliers regarding turbine suitability and solar equipment suppliers regarding technology options.
- Communication of site-specific energy production and site condition risks to project teams.
- Reviewing of data, energy production reports and site conditions reports for potential acquisition sites.
- Represent Greensolver at trade shows and with other client facing duties

## **Skills and experience**

- This role requires a minimum of 3-5 years of pre-construction Wind Analysis experience, preferably across a range of markets;
- Wind analysis and project design experience essential; solar experience an advantage.
- Operational wind farm analysis experience an advantage.
- Experience working for a lenders' advisor, OEM supplier, developer, or operator of wind and/or solar projects.
- Excellent communication skills, a strong mathematical and analysis background, and the ability to communicate technical issues to non-technical colleagues are essential.
- Highly analytical with attention to detail and ability to exercise engineering judgement.
- Programming/software development experience an advantage.
- Advanced Microsoft Office skills required.
- Experience in the use of WAsP, WindFarmer and AWS Openwind. PVsyst or other related solar resource assessment software is an advantage.
- Experience with CFD wind flow models an advantage.
- Fluency in English. Other languages are an advantage.
- Graduate with an honours engineering or physical science degree as a minimum.
- Willingness to travel internationally a requirement.
- Full clean driving licence

**Start date:** As soon as possible

**Location:** Dublin or London office

**Contact:** [hr@greensolver.net](mailto:hr@greensolver.net)

**Website:** [www.greensolver.net](http://www.greensolver.net)