

Energy Yield Assessment and DD Engineer

Paris

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 and DD Engineer – the position should preferably be based in Paris. The Energy Yield Assessment and DD 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. Solar farm design is a plus.
- Liaising with turbine suppliers regarding turbine suitability and solar equipment suppliers regarding technology options.
- Analysis and reporting of site measurements including meteorological masts, SODAR and LiDAR as well as production data.
- Production of internal wind/solar resource and Energy Production Estimates with the highest possible accuracy. These are delivered in accordance with required project timelines. Applicable for pre and post-construction yield analysis.
- Reviewing third party reports and providing analysis on these.
- Reviewing of data, energy production reports and site conditions reports for potential acquisition sites.
- Performance review of wind farms in operations
- Review of contracts linked to the sites (EPC, O&M, Grid connection agreements, PPA...) is a plus
- Participate in DD process and sometimes lead the relationship with the clients

Skills and experience

- This role requires a minimum of 5 years of pre-construction Yield Analysis experience, preferably across a range of markets;

- Wind analysis and project design experience essential; solar experience is an advantage.
- Operational wind farm analysis experience is 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 is an advantage.
- Advanced Microsoft Office skills required.
- Experience in the use of WAsP, WindFarmer and AWS Openwind.
- Experience with CFD wind flow models is an advantage.
- Fluency in English and French. Other languages are an advantage.
- Graduate with an honours engineering or physical science degree as a minimum.
- Driving licence

Start date: As soon as possible

Location: Paris office

Contact: hr@greensolver.net

Website: www.greensolver.net