



Wind Project Engineer

再生可能エネルギー発電事業/wind farm layout design

Job Information

Recruiter

Sheffield Green K.K.

Hiring Company

再生可能エネルギー発電事業者

Job ID

1559995

Industry

Petrochemical, Energy

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 8.5 million yen

Refreshed

September 30th, 2025 12:22

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Basic

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

- ・ Wind resource assessments and wind farm layout design for wind farms
- ・ Met mast and RSD location identification considering constraints, timing and layout issues
- ・ Wind farm value engineering and commercial optimization
- ・ Mast and RSD deployment, data analysis and management for development and operating projects
- ・ Management of 3rd party advisors for wind energy engineering
- ・ Site visits, terrain assessments, met mast and RSD inspections and supervision of installation

- Leading technical contracting discussions
 - Prepare technical schedules for contracts
 - Train and mentor new wind and site engineers
 - Technical review of potential sites and leading feasibility reports (Onshore and Offshore) Provide input into developing standard best practice procedure
 - Manage wind and site technical due diligence
 - Advise and direct the land and permits team to assist in ensure land acquisition in compliance with energy assessments and layouts, rapid creation of multiple layout iterations take into account new constraints as uncovered
 - Ensure all project development constraints are appropriately identified and mapped to aid layout development and optimization
 - Ensure project information including land, surveys etc. is collated and referenced against consistent benchmarks
 - Work closely with development, investment, construction teams etc. in order to ensure optimization of the projects from a techno-economic perspective.
 - Performance analysis, energy budgeting and energy generation reconciliation analysis of operating wind farms
 - Power curve verification test preparation, planning and management based on contractual arrangements.
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Required Skills

- Minimum 5 years' experience of engineer or assessment in wind power plant business.
 - Minimum of 5 years of business experience in onshore or offshore wind is a plus.
 - Wind software experience Windographer, Openwind, GIS softwares, MS office etc
 - Strong interpersonal and communication skills.
 - Leadership, communication, and problem-solving skills. Proactive and can-do attitude.
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Company Description