

Job Details

Job Title	Lead Electrical Design Manager – Offshore
Business Unit	Iberdrola Renewables Japan
Location	Japan (Tokyo)
Number of Immediate Subordinates	0 to 10
Number of Subordinates	0 to 50
BUSINESS LINE MANAGER	Electrical Department Manager

Main Purpose of Job

The Lead Electrical Design Manager is a key role within the Offshore Renewables Business, focussing on the delivery of large-scale offshore wind projects in Japan and the Asia region.

Belonging to the Project Services team and reporting to the Electrical Design Manager, the Lead Electrical Design Manager will be responsible for implementing robust and cost effective engineering strategies and plans, tendering, negotiation and managing offshore supply, installation and maintenance contracts, planning and implementing delivery sites and logistics, complying with company and business engineering standards and technical acceptance criteria, and ensuring quality, best practices and excellent health, safety and environment performance are applied.

This position also reports to Country Manager for Iberdrola Renewable Japan's corporate activities and for project activities since the Country Manager acts as a Project Lead for all projects in Japan.

Iberdrola Renewables Japan was established in December 2020 as a part of the Iberdrola group. We are currently developing offshore windfarm.

With over 170 years of history, Iberdrola is a global energy leader, the number-one producer of wind power, and one of the world's biggest electricity utilities by market capitalisation. The group supplies energy to almost 100 million people in dozens of countries including Spain, the United Kingdom (ScottishPower), the United States (AVANGRID), Brazil (Neoenergia), Mexico, Australia (Infigen), Germany, Portugal, Italy and France.

Accountability Statements

- Provide key electrical engineering advice, assessment and recommendations to ensure delivery of an offshore win project within time, to budget and quality following industry best practice and observing the maximum respect for Health, Safety and the Environment to ensure regulatory and legal compliance;
- Ensure that appropriate lessons learnt are captured and transmitted within the organization;
- Act as the electrical design authority and focal point between packages and project management team(s) in an offshore wind project;
- Ensure a safe and robust electrical system design with consideration of energy yield, CAPEX and OPEX factors;
- Manage and implement the technical requirements of the local grid operator and ensuring Grid Code Compliance of each project;
- Manage consultants or suppliers in undertaking electrical system studies and other technical electrical input to the project including provision of required input data from TSOs and other packages;
- Ensure Grid Code compliance of the wind farm and wider electrical system, Ensure the required electrical system studies are carried out to demonstrate compliance. Coordinate the review and approval of all electrical designs, inputs and studies;
- Report abreast of technical, market and regulatory rule changes related to engineering aspects and installation of projects that may impact the company's business in Japan to

Country Manager.

Skills, Knowledge & Experience

- At least 8 years work experience in engineering and construction projects in onshore wind, offshore wind or electricity industry.
- Knowledge of Japan Electricity Business Act who can explain to Europe countries
- Knowledge and experience in the high voltage electrical engineering field, especially in electrical design management.
- Educated to degree level in a relevant engineering discipline
- Good communication and interpersonal skills. Ability to influence and develop key engineering decisions.
- Excellent report writing, presentation skills and ability to summarize key parameters and drivers impacting the package.
- Sounds planning and analysis skills with the ability to look forward and see / anticipate problems and thereafter plan and implements mitigating solutions to negate the effect of such problems.
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Minimum Criteria (mandatory)

Criteria	Essential/Desirable
<ul style="list-style-type: none"> • Japanese(native) / English (Business Level) 	Essential
<ul style="list-style-type: none"> • IT literate with the ability to operate MS Office systems and other IT based project management software. 	Essential
<ul style="list-style-type: none"> • Experience of electrical engineering design management Associated with high-voltage electricity transmission and grid connection 	Essential