

Technical Specialist

Job Information

Recruiter
JAC International Co., Ltd.

Hiring Company
BESS Developer

Job ID
1621459

Industry
Other

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
8 million yen ~ Negotiable, based on experience

Refreshed
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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

The BESS Technical Specialist will be responsible for overseeing the technical design, performance, and operational readiness of Battery Energy Storage System (BESS) projects. This role requires a strong understanding of energy storage technologies, system architecture, control and monitoring systems, and lifecycle asset performance.

The successful candidate will work closely with project development, engineering, project delivery, and commercial teams to ensure projects are designed, constructed, and operated safely, efficiently, and in compliance with regulatory and contractual requirements. The role offers the opportunity to contribute to large-scale energy infrastructure projects that support grid reliability and the energy transition.

Key Responsibilities
Technical Design & System Optimization
Develop and maintain technical standards, design requirements, and operating strategies for energy storage projects.
Review and optimize system designs, including storage technologies, balance-of-plant equipment, monitoring systems, control systems, and grid integration solutions.
Evaluate technical performance and identify opportunities to improve operational efficiency, reliability, and asset value.

Support technical due diligence, design reviews, and performance assessments throughout the project lifecycle.
Project Delivery Support
Collaborate with project development, engineering, procurement, and construction teams to support successful project execution.
Provide technical guidance during design, procurement, construction, commissioning, and handover phases.
Review technical documentation, equipment specifications, and contractor deliverables to ensure compliance with project requirements.
Support commissioning, testing, and operational readiness activities.
Cross-Functional Collaboration
Work closely with engineering, operations, commercial, finance, and business development teams to align technical strategies with business objectives.
Support performance optimization initiatives and contribute technical expertise to decision-making processes.
Assist in identifying and mitigating technical risks that may impact project performance, timelines, or commercial outcomes.
Regulatory Compliance & Reporting
Ensure technical compliance with applicable regulations, grid codes, industry standards, and contractual obligations.
Coordinate technical submissions, compliance documentation, and reporting requirements with relevant stakeholders.
Maintain accurate technical records and support audits, inspections, and regulatory reviews when required.
Performance Monitoring & Management Reporting
Monitor system performance, reliability, and operational metrics.
Analyze operational data and identify opportunities for continuous improvement.
Prepare technical reports, presentations, and performance updates for senior management and key stakeholders.
Provide recommendations on optimization strategies, risk mitigation measures, and long-term asset performance improvements.
Key Accountabilities
Ensure technical integrity and performance of energy storage assets.
Support safe, efficient, and compliant project delivery and operations.
Drive continuous improvement in system design and operational performance.
Manage technical risks and recommend mitigation strategies.
Facilitate effective coordination among internal and external stakeholders.
Contribute to the successful deployment and operation of complex energy infrastructure projects.

Employee Benefits:
Health Insurance Employees' Pension Employment Insurance Industrial Injury Insurance

Required Skills

Qualifications:
1. Bachelor's degree in electrical engineering, energy management, or related field. Advanced degree is preferred.
2. Minimum of 5 years of experience in BESS industry.
3. Technical knowledge of battery energy storage technologies, including lithium-ion batteries, control systems, and balance of plant components.
4. Extensive knowledge of Japanese BESS industry
5. Strong communication and interpersonal skills, with the ability to collaborate effectively across diverse teams and stakeholders.
6. Fluency in English is mandatory, and Fluency in Japanese is preferred.

Company Description

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