

Job Description: Project Engineer

Company Overview

esVolta, LP is a leading developer, owner, and operator of utility-scale energy storage projects across North America. We are at the forefront of the fast-growing battery energy storage market, and our projects are helping to transition the nation's electric grid to a cleaner and more reliable future. Our storage projects provide major utilities with a multitude of important services including reliable fast-ramping capacity, energy and ancillary grid services including renewable energy integration support.

esVolta is independently owned, with sponsorship including by RBP Partners (a NY-based private equity investor) and Powin Energy Corporation (a top US-based battery system manufacturer and integrator). We are among the largest participants in the US energy storage sector, with about 900 MWh of projects in operation, under construction, and in advanced development under contract with utilities and other power buyers. We are headquartered in Aliso Viejo, California, with employees situated in multiple regions across the U.S. Our diverse management team has many decades of experience in the renewable energy, utility and independent power sectors.

Culture

At esVolta, every employee makes an impact to the company's growth and profitability, every day. We have a fast-paced, high-performance and team-oriented culture. We value quality of life and flexibility for our employees and strive to help our team members achieve their career goals.

Apply here today to start an extraordinary career.

Job Description

esVolta seeks motivated and energetic candidates to join our team as a Project Engineer to support the construction of several sequential utility-scale battery energy storage projects from late-stage development through commissioning.

The Project Engineer will report to the company's Director of Engineering. The Project Engineer will support the Project Manager and Construction Manager during project execution throughout electrical design, construction permitting and procurement, and all construction and commissioning activities culminating with turnover to Asset Management (Operations).

Key Responsibilities

- Assist management team in completing engineering projects by organizing and overseeing project engineering activities during pre-construction and construction.
- Support project objectives by reviewing project engineering proposals and design documents and conferring with engineering management and project manager during pre-construction and construction.
- Responsible for maintaining an engineering issues log, RFI log and submittal log during project execution, and identifying project responsibilities and assigning personnel to tasks with definitive due dates.

- Responsible for reviewing all product and project design specifications by studying product/major material design, customer requirements, and performance standards and ensuring compliance with company design standards.
- Collaborate with project manager and construction manager on project schedule by studying execution plan and schedule to insure feasibility with engineering activities and specifications.
- Responsible for reviewing manufacturers' specifications to determine extent of scope for multiple disciplines of the project, and ensuring design documentation and construction documentation are consistent.
- Responsible for reviewing and recommending engineering expenditures to management for approval during project execution.
- Participate in regular project team meetings to ensure specific engineering requirements are being met on a timely basis.
- Responsible for preparing project engineering status reports on a weekly basis by collecting, analyzing, and summarizing information and recommending actions.
- Responsible for insuring project design is in compliance with federal, state and local regulations.
- Complete technical studies and prepare cost estimates as directed.
- Maintain project engineering budgets and collaborate with project manager on overall project budget.
- Track performance and analyze the completion of key goals during project execution. Maintain production logs for work put in place for future reference for project engineering lessons learned.
- Support the inventory and inspection process as major materials arrive to site: inspection, offload, receiving, and storage.

Quality Assurance

- Responsible for verifying that project execution during construction agrees with all IFC design drawings.
- Assists third party/IE partners in confirming product performance by meeting with them during site visits and overseeing tests.
- Document control including management of all IFC and Redlined esVolta prints, manufacturer and as-built drawings.
- Support the final inspections and punch list process with contractors, vendors, independent engineers and management.

Safety

- Assist project management and HSE team in developing and executing site specific safety program and activities.
- Monitor and review trade partner work plans and activities for safety concerns.
- Participate in and contribute to project planning and hazard analysis.
- Maintains safe and clean working environment by enforcing procedures, rules, and regulations.
- Maintain operational knowledge of construction safety, OSHA, ANSI, NFPA, and other applicable standards, regulations, laws, and procedures.

- Serve as resource for safety issues or concerns for all project team members.

Skills and Qualifications

- 5 years experience in power delivery, substation, transmission line, interconnect, renewable energy or energy storage preferred.
- ABET accredited bachelor's degree in Electrical Engineering or related field. EIT Certification preferred.
- Familiarity with applicable standards including IBC, NFPA 855, CEC, CFC, IEEE, NEMA, NEC, OSHA, and UL.
- Familiarity with battery energy storage design and technical standards preferred.
- Strong proficiency with Microsoft Word and Excel, Primavera, Microsoft Project, and Smartsheets.
- Superior communication and presentation skills, both written and verbal.
- Outstanding interpersonal skills, including an ability to maintain calm and effective exchanges by all parties during stressful situations, and executive level reporting that ensures timely action and decision making in time-pressured scenarios.
- Willingness to be remotely based and ability to travel or relocate to other project sites.

Please apply at careers@esvolta.com

esVolta is an Equal Opportunity employer.