



Position Description

Title: Director of Engineering

Location: Burlington, VT

About Encore Renewable Energy

Encore is a leading integrated clean energy company headquartered in Burlington, Vermont, focused on the development of sustainable, cost-effective and high return commercial and industrial-scale solar PV systems and 21st century solutions for the redevelopment of underutilized property. Since the Company's formation in 2009, Encore has established itself as a leader in the VT solar market having been involved in the development of over 16MW across more than 40 community-scale solar projects, with an additional 15MW expected in 2017. The Company is in the process of building from its leadership position in VT to expand into other highly attractive markets across the east coast of the U.S., and is targeting key hires to expand its team to allow it to meet its strategic objectives.

Director of Engineering Position

Encore Renewable Energy is currently seeking a highly motivated individual with the skills, experience and aptitude to serve as Director of Engineering. The successful candidate will work with our Development Team in support of the firm's rapidly growing renewable energy project development, construction and management practice.

Overview

The Director of Engineering will be responsible for leading all of the Company's various engineering related activities associated with the design and development of commercial and industrial scale solar projects. This is a high-skill level position, requiring an experienced and talented professional who can fit in well with the Encore culture of productivity, growth, and performance driven by our values. The Director of Engineering will report to the Chief Development Officer.

Encore is a dynamic, high-growth entrepreneurial company which requires a high degree of self-motivation, team orientation and an eager willingness of all team members to contribute to the firm's success across activities that fall directly within the scope of their position description as well as those that are further afield.



Responsibilities

- Evaluate existing buildings and ground-mount sites to determine feasibility of solar installations
- Design PV system including equipment specification, energy optimization, shading analysis, and interconnection configuration
- Generate single line diagrams, prepare interconnection applications and interface with utilities through approval processes
- Provide energy production estimates using PV Syst or equivalent software
- Assemble system drawings in AutoCAD and interface with contractors using various other file formats including GIS and GPS software
- Preparation of Bill of Materials for projects to include equipment from system design
- Coordination with local jurisdictions and utilities to confirm compliance with applicable codes and interconnection standards
- Generation of commissioning and operations and maintenance packages, including as-built drawings
- Evaluate energy storage and microgrid solutions to deploy with solar installations
- Research and keep Company current with new technologies and regulatory conditions including building codes, fire codes, utility requirements, vendor qualifications, industry best practices, safety standards, and relevant standards development
- Solicit RFP's with equipment vendors and contractors for system procurement and installation
- Provide administrative and logistical support to the team as needed
- Special projects as needed, including some business writing

Requirements

- Bachelor's and/or Master's in Engineering
- 3+ years experience in system engineering of photovoltaic or other construction projects
- Strong competence with AutoCad, PVsyst, HelioScope software
- Good working knowledge of standard utility process for interconnection approval and design requirements
- Knowledge of various applicable codes such as the NEC and IBC
- Knowledge of solar panel, racking and inverter technologies and manufacturers
- Experience with medium voltage power electronics
- Professional Engineering certification in VT and other Northeast states preferred but not required
- NABCEP Certification or PMP a plus but not required
- Demonstrated expertise with geospatial tools including ArcGIS and Google Earth
- Experience working in collaboration with and contributing to a development team
- Proficiency with Microsoft Office Suite



- Excellent written and verbal communication skills
- Diligent, detailed oriented, and dynamic. Able to self-organize priorities, set and work to deadlines, often with limited direct oversight
- A high degree of emotional intelligence
- Team player - willingness to pitch in across the organization

About Working at Encore

Our team is our single greatest asset and that which we are most proud of. Encore team members share a single mission – building the clean energy economy of the future in a responsible manner that creates high quality jobs and enhances the communities in which our projects operate.

We invest heavily in our team – here are a few of the benefits we offer:

- Attractive compensation
- 401k profit sharing
- Complete, high quality medical benefits that include flex time options for child and family care and extended maternity and paternity leave
- Work-life balance focused paid-time off policy
- Continuing education and tuition assistance

Encore is unequivocally committed to the principles of equal employment.