



TerraForm Power is a diversified owner of clean power generation assets in developed markets. This includes solar and wind assets located in the U.S., Canada and other developed markets.

TerraForm Power owns and operates over 500 hundred wind and solar clean energy power installations representing a total portfolio of 2,607 MW in renewable energy.

With a diversified and high quality, renewable energy portfolio, TerraForm Power is ideally positioned to capitalize on the growth in renewable power generation. We focus on serving the needs of utility, commercial and residential customers while delivering the returns that investors expect.

SENIOR DIRECTOR ENGINEERING, WIND, SOLAR AND STORAGE

Location: New York, NY

Reporting to the Senior Vice President Operations, the Senior Director Engineering is accountable for the safe execution of all work performed by the Engineering Team. An active member and advocate of TERP's HSSE managed systems

Responsibilities

- Accountable for the development of the annual engineering plan and preparation of monthly and quarterly reports relative to the Plan. Provide detail variance explanations and corrective action plans. Work with Wind and Solar Operations, Finance and other TERP departments as required to complete same
- Responsible for the day-to-day management of the Engineering, System Control and Procurement teams. Provide Engineering guidance and leadership to staff and internal stakeholders
- Focus on operational metrics and optimization tools necessary for TERP and its stakeholders to evaluate real-time performance of wind, solar and storage operating assets
- Develop, implement, and improve analytical methods and tools for evaluating asset performance
- Perform technical optimization analyses of TERP assets and collaborate with Operations on designing and implementing cost effective plans
- Assist and provide expertise in asset performance reporting, optimization and automation strategies
- Review and approve wind, solar and storage system designs and develop performance models
- Oversee and or support major capital projects and commissioning as assigned
- Manage and improve processes for monitoring and reporting performance and weather data from operating wind, solar and energy storage plants
- Prepare engineering fatal flaw analysis for potential performance improvement projects
- Demonstrated commercial savvy with respect to asset optimization and performance
- Demonstrated ability to negotiate and manage EPC and consulting contracts projects
- Lead technical "trouble shooting" and recommend corrective actions of complex operating problems
- Lead the procurement function for all TERP operating wind, solar and energy storage assets
- Provide a work environment which will lead to team member satisfaction and professional growth
- Maintain strong and regular alignment of all team activities and maintain open collaborative relationships with operating staff and stakeholders

Requirements

- Strong analytical and technical as well as problem-solving skills
- Strong financial acumen and ability to comprehend complex project financial models
- Knowledge in standards and legislation regarding energy initiatives
- Knowledge of renewable energy operations and best practices
- Knowledge of industry safety standards and best practices
- Experience managing a multi-faceted internal team
- Experience working with external partners and managing consultants and contractors
- Knowledge of government energy initiatives preferred

Qualifications

- Minimum ten (10) years of work experience within the wind, solar and storage industry.



- Bachelor's Degree in Engineering, preference for additional business education
- Experience with Wind, PV and Energy Storage system design and construction
- Advanced knowledge of performance modeling packages including PVsyst
- Experience with renewable energy SCADA systems and remote communications
- Working knowledge of FERC and NERC requirements, and issues regarding operating compliance and system control

All interested candidates should apply in confidence to Human Resources at: recruiting@terraform.com. **PLEASE CLEARLY INDICATE "SENIOR DIRECTOR ENGINEERING" IN THE EMAIL SUBJECT LINE.**

Terraform Power would like to thank all applicants but only those selected for an interview will be contacted.

In addition to providing a climate for professional growth, TerraForm offers competitive salary, a comprehensive benefits program and a company matched 401(k) savings plan. TerraForm is an equal employment/affirmative action employer. If you need accommodation for any part of the employment process because of a medical condition or disability, please send an e-mail to recruiting@terraform.com.