



TerraForm Power owns and operates a best-in-class renewable power portfolio of solar and wind assets located primarily in the United States, totaling more than 2,600 megawatts of installed capacity. TerraForm Power's goal is to acquire operating solar and wind assets in North America and Western Europe. TerraForm Power is listed on the Nasdaq stock exchange (Nasdaq:TERP). It is sponsored by Brookfield Asset Management, a leading global alternative asset manager with more than US\$285 billion of assets under management.

SENIOR DIRECTOR WIND OPERATIONS PERFORMANCE AND OPTIMIZATION

Location: New York, NY

Position Overview:

Reporting to the Senior Vice President Operations, the Senior Director Wind Operations Performance and Optimization will be accountable for monitoring, trending and assessing the performance data of the wind turbine fleet and initiate the lead root cause analysis to determine the reasons for under performance. The objective is to increase the reliability of the wind fleet and to achieve optimum power curve performance. This role will work with TERP Engineering to identify and assess accretive new technologies for the fleet. The Senior Director will be responsible for ultimate business cases to justify the feasibility and economics of the optimization initiatives and corrective actions.

Responsibilities:

- Accountable for the development of the Wind Operations Performance and Optimization Plan and preparation of monthly and quarterly reports relative to the Wind Operations Performance and Optimization Plan.
- Demonstrated commitment and participation in developing an accident free work environment.
- Demonstrated understanding and commitment of a Safe Work Management and Environment System.
- Demonstrated understanding of environmental aspects with respect to wind generation.
- Demonstrated understanding of the major components and systems that contribute to top wind generation
- Responsible for the indentation and initial technical and economic assessment of complementary technologies to increase project value and returns.
- Responsible for leading root cause analysis for asset underperformance and collaborating with TERP Engineering to identify, justify and recommend strategies to address.
- Ensure data quality across all data acquisition systems, monitoring and SCADA systems to ensure accurate performance data.
- Manage and oversee third-party reporting, including asset performance reports and Independent Engineering reports
- Provide input on forecasted generation for annual operating plan
- Validate and support improvement of lost energy calculation methods
- Provide expertise to support development and acquisitions efforts
- Produce daily, monthly, annual, and other internal reports as needed
- Work collaboratively with the Regional Wind Operations Manager to support their responsibilities to ensure all work performed on TERP wind assets is performed with a high regard for Safety and the Environment consistent with good utility practices.
- Develop & manage budgets, financial and engineering models, contracts, and stakeholder.

Requirements:

- Strong analytical and technical as well as problem-solving skills
- Demonstrated ability to perform under high pressure and dynamic work environment managing multiple project deliverables.
- Research proven ways for new technology to enhance performance
- Proven experience with Optimal Performance Wind Portfolios
- Demonstrated ability to assimilate technical and commercial information and translate that into appropriate business assessments
- Excellent understanding of SCADA data and energy production methods



- Knowledge of data mining, troubleshooting and reporting
- Ability to work effectively as a member of a multidisciplinary team and to manage multiple concurrent projects
- Strong verbal and written communication skills and planning, prioritizing and organizing abilities
- Experience with PVSyst, openWind, WindFarmer, or other energy modeling software
- Proficient with Microsoft applications
- A strong personal commitment to continuous improvement

Qualifications:

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, Aerospace or Business,
- MBA preferable
- Ten years or more work experience in the wind industry
- Experience with Electrical Sub Station and the Bulk Power System protocols and industry standards
- Knowledge of multi-state and federal government regulatory requirements related to wind development and operation
- Knowledge of sources and utilization of publicly available weather data sets
- Proficient knowledge of general wind farm planning, construction and operation requirements
- Hands-on experience in SCADA software
- General knowledge of computer networks

All interested candidates should apply in confidence to Human Resources at: recruiting@terraform.com.

PLEASE CLEARLY INDICATE "SENIOR DIRECTOR WIND OPERATIONS PERFORMANCE AND OPTIMIZATION" 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.

