



## **Senior Engineer / Manager - Transmission & Interconnection**

### **About Tyr Energy Development Renewables, LLC**

Tyr Energy Development Renewables, LLC ("TED Renewables") is a wholly owned affiliate of Tyr Energy. Tyr Energy represents the North American cornerstone of the ITOCHU Corporation global electric power strategy, focused on clean and renewable generation and technology solutions.

TED Renewables is active in the development and commercialization of renewable electric power facilities. Through ITOCHU affiliates we provide comprehensive management and oversight services to power generation and electric utility companies.

### **Position Description**

TED Renewables is seeking a Senior Engineer/Manager - Transmission & Interconnection to join our new and rapidly growing renewable energy development company. The primary focus of this role is supporting all transmission and interconnection activities to support the greenfield development of grid-scale solar and battery storage projects. This position will report directly to the VP of Transmission & Interconnection.

### **Duties and responsibilities:**

- Perform power flow studies for generator additions/retirements and reliability planning, to evaluate the impact of proposed generation and retirements on the transmission system.
- Working closely with the development team, perform siting analysis for new generation in all regions and identify potential risks for the new requests.
- Prepare interconnection applications complying with each individual region's requirements.
- Lead the interface and negotiations with various ISOs and Transmission Owners as studies are delivered, reviewed, and ultimately culminating in the signing of the interconnection agreement.
- Participate in regional meetings and keep abreast of market developments and any ongoing changes to the generation interconnection process, transmission planning and queue reform.
- Familiarity with PROMOD software is a plus to perform market pricing analysis, congestion, and curtailment evaluation and LMP basis risk analysis.
- Track key transmission upgrades and constraints in target markets.
- Participate in regular update meetings with grid-scale team.

### **Qualifications/Requirements**

- Bachelor's or Master's in Electrical Engineering

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- At least 3 years work experience in renewable or thermal energy development, or transmission planning with an emphasis on generator interconnection studies.
- Strategic thinker who can bring a data-driven and technical approach to senior management discussions related to achieving success in competitive markets.
- Knowledge of MISO, PJM, NYISO, ERCOT, and SPP Transmission Planning Process and Generator Interconnection Procedures study methodologies.
- Transmission planning experience at a utility, ISO/RTO, developer, or independent power producer is preferred.
- Ability to use proficiently Siemens PSS/E, PowerGEM TARA or other powerflow software.
- Ability to use PROMOD market simulation software.
- Knowledge of regulatory and market issues specific to transmission.
- Excellent communication (oral and written) and organizational skills.
- Thorough attention to detail.
- Demonstrated ability to balance competing priorities and manage multiple projects
- Ability to work in a collaborative environment.

**Interested candidates**

Please email a resumé to [careers@tedrenewables.com](mailto:careers@tedrenewables.com). Email subject should read "Senior Engineer / Manager - Transmission & Interconnection".

Salary will be commensurate with experience and abilities. Our selection ultimately depends on finding the right person to join the team. All offers of employment are contingent upon the successful completion of a background check, a pre-employment drug screening, references, and verification of legal right to work in the U.S.

TED Renewables is an Equal Opportunity Employer. TED Renewables maintains a company-wide commitment to compliance with the law. Our officers and other employees are committed to high ethical standards, regardless of culture, education, or background. We also advise our suppliers, customers, and other interested stakeholders on the values and expectations our Company holds in our business relationships.

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