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 Summary

The Transmission Manager plays a pivotal role in driving the commercial and technical transmission strategy for utility-scale generation and energy storage assets. Responsible for managing projects throughout their full lifecycle, from early-stage site selection and queue entry to Interconnection Agreement execution and commercial operations, the Transmission Manager will conduct power flow and production cost modeling, manage ISO/RTO and Transmission Owner relationships, mitigate queue and curtailment risks, and support project financial modeling.

Key Responsibilities

- Perform power flow analysis for generator additions, retirements, and reliability planning to evaluate system impacts and deliverability (ERIS vs. NRIS).
- Work closely with the site identification and greenfield development team to conduct siting analysis across target regions, identifying transmission capacity, headroom, and potential injection constraints.
- Prepare, review, and submit regional interconnection applications in full compliance with ISO/RTO requirements and queue rules.
- Lead technical discussions, study reviews, and negotiations with ISOs/RTOs and Transmission Owners (TOs), guiding projects through queue milestones to executed Interconnection Agreements (IAs).
- Model and evaluate Network Upgrade costs (Direct Assignment vs. Network Upgrades), Affected System costs, and financial security requirements (letters of credit / cash deposits) to support project financing and milestone decisions.
- Lead regular alignment updates with the grid-scale development team to ensure transmission strategy and study timelines align with overall project milestones and land acquisition targets.
- Provide technical and transmission expertise during Power Purchase Agreement (PPA) negotiations, defining deliverability expectations and curtailment risk provisions.
- Monitor transmission upgrades, regional constraints, and queue reforms. Actively participate in RTO/ISO stakeholder meetings to anticipate risks, identify policy opportunities, and advocate for developer interests.

Qualifications & Requirements

7500 College Boulevard, Suite 400
Overland Park, KS 66210
913.754.5800 (main)
www.tedrenewables.com

- Bachelor's degree in electrical engineering, Power Systems, or a related technical discipline (Master's degree or Professional Engineer (PE) license preferred).
- 5+ years of direct experience in transmission planning, generator interconnection, or grid integration within utility-scale generation development, a Transmission Owner, or an ISO/RTO.

Technical & Functional Skills

- Proven expertise in power flow and production cost modeling software (e.g., PSSE, TARA, PROMOD).
- Deep technical knowledge of ISO/RTO tariff structures, queue rules, and interconnection procedures (PJM, MISO, ERCOT, SPP, CAISO, or NYISO/ISO-NE).
- Solid understanding of inverter-based resource (IBR) grid dynamics, Electromagnetic Transient (EMT) study requirements, and NERC reliability standards (FAC, PRC, VAR).
- Experience evaluating Network Upgrade cost allocation, security deposits, and Affected System dynamics.
- Strong commercial acumen with the ability to translate complex technical/transmission constraints into financial risk metrics for business leadership.
- Exceptional communication and negotiation skills for representing the company before ISOs, Transmission Owners, and regulatory working groups.
- Ability to manage multiple projects simultaneously across diverse regional electricity markets.

Compensation & Benefits

- Salary will be commensurate with experience and abilities.
- Eligible to participate in TED's benefits programs, including 401k, life, health, disability, dental and vision insurance.
- Annual bonus potential.

Interested Candidates
Please email cover letter and resumé to careers@tedrenewables.com. Email subject should read "Manager - Transmission".

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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