



Senior Power Systems Engineer

January 2022

About Telos Energy

At Telos Energy we're here to solve the industry's toughest challenges related to renewable integration. As a premier power systems analytics and engineering firm, we specialize in wind, solar, batteries, and high renewable power grids. Using highly detailed grid models and technology, we help our clients navigate a fast-changing, complex industry in order to accelerate their clean energy and emerging technology goals. Our team combines a deep understanding of energy economics, electrical engineering, and grid simulation expertise with an extensive network across the industry and the globe.

Every day we get to work on a wide variety of projects to help our clients. We are collaborative and nimble, and we are here to make a positive impact for our clients and the world. If you have power modeling experience and you are excited to learn and grow as we continue to grow, we want to hear from you.

Position Summary

Telos Energy is growing and looking for power systems engineers with a passion for entrepreneurship and renewables, and a strong desire to learn and grow both technically and commercially. This is a unique opportunity to join a nimble, highly technical team with a mission to make a cleaner, more efficient, and more reliable power grid.

This role is responsible for leading and conducting detailed power systems studies for a variety of engineering projects and clients centered around renewable energy technology. This position considers remote/flexible work arrangements.

Essential Responsibilities

- Conduct engineering analyses and apply simulation models of power systems and equipment using commercial software tools as well as custom in-house tools;
- Provide expert advisory services to renewable energy system developers, system operators, and utilities across North America;
- Document analyses with client-facing reports, diagrams, and/or slide decks;
- Lead and support client engagements through teleconference and/or in-person discussions and email correspondence from the proposal development through final deliverables.

Required Qualifications

- Bachelors of Engineering; Electrical or Power Systems Engineering preferred; Masters or Graduate studies a plus.
- Excellent written and verbal communications evidencing clear, logical sequences of thought

- Strong understanding of power systems fundamentals and analytical methods, including AC power flow and stability, control systems, power electronics
- Ability to self-study to learn new concepts and methods
- Unrestricted work authorization in the United States

Desired Qualifications

- At least 3 years of industry experience
- Steady-state power flow analysis and AC contingency analysis with commercial tools (PSSE, MUST, TARA, PowerWorld, etc)
- Dynamic positive-sequence simulations with commercial tools (PSSE, PSLF, TSAT, PowerWorld, etc)
- Electromagnetic Transient simulation with commercial tools (PSCAD, EMTP, ATP, MATLAB) is preferred
- Computer programming in Python or MATLAB for analysis or running APIs
- Other commercial software experience is a plus (CAPE, ASPEN, Cyme, OpenDSS, Synergi, etc)

Position is open until filled. To apply, please send a resume and cover letter to teloscareers@gmail.com

Telos Energy provides competitive salary and benefits, flexible working arrangements, and remote work options.

Telos Energy believes that diversity, equity and belonging in our workplace makes us and our work stronger. We are proud to be an equal opportunity employer and encourage candidates with diverse backgrounds to apply for open positions. Telos Energy considers all qualified applicants for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

