

United States Jobs Expertini®

Transmission Systems Manager, Grid Analytics

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Company: Amazon Data Services, Inc.

Location: Sammamish

Category: other-general

Amazon Web Services (AWS) is a comprehensive, evolving, and growing business unit within Amazon.com which provides cloud services. Since early 2006, AWS has provided a highly reliable, scalable, low-cost infrastructure platform that powers hundreds of thousands of businesses in 190 countries around the world. The AWS Cloud spans 99 Availability Zones within 31 geographic regions around the world, with more regions being added every year. If you are interested in a career working in a high growth, fast-paced and Customer focused work environment then AWS may be the right fit for you.

The AWS Energy Team works across AMER to supply reliable and carbon free energy to our data centers. The team is seeking a results-orientated individual to join as a Transmission Systems Manager. In this role you will lead transmission planning activities that allow AWS to identify sites for renewable energy projects and power supply opportunities for existing and future AWS data centers. This role provides an opportunity for a technically minded individual to further advance their career within the clean energy sector.

As a Transmission Systems Manager you will manage a portfolio of power flow analysis, due diligence and transmission studies using industry tools and in partnership with engineering consultants. The successful candidate will possess strong project management and communication skills and an ability to collaborate with cross-functional teams (Energy, Legal, Finance, Supply Strategy, Real Estate and Capacity Planning) on reporting status, issues, opportunities and key risks across a portfolio of power projects.

Key job responsibilities

- Develop, maintain and influence transmission planning and generation interconnection models to incorporate Amazon's growth plans
- Support effective business decision making across renewable energy, load capacity planning and deployment by managing and aggregating datasets and key performance indicators from multiple sources to provide a single source of truth on status, cost, capacity, key dates, and contractual terms management across a portfolio of energy projects
- Partner with internal teams (Energy, Procurement, Operations, Field Engineering) and external stakeholders (Utilities, RTOs) to identify and mitigate transmission constraints
- Run in-house power flow transmission studies to explore non-wires alternative solutions such as Battery storage to rapidly decarbonize data center energy use
- Support technical due diligence assessments on power connection options, to assess costs, timelines and key risks for proposed power projects
- Facilitate internal and external meetings by managing agendas, facilitating scheduling, owning meeting minutes, and follow through on action items
- Support management of consultants via Master Service Agreements, Work Orders and other contractual documents relating to projects

We are open to hiring candidates to work out of one of the following locations:

Seattle, WA, USA

BASIC QUALIFICATIONS

- 3+ years of technical infrastructure management experience
- Knowledge of best practices and emerging technologies, related to infrastructure (i.e. network, data center, hardware, software)
- Experience with varying scenarios of infrastructure builds

PREFERRED QUALIFICATIONS

- 3-5 years Transmission planning and Generation Interconnection studies for utility planning or with power generation developer

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Our compensation reflects the cost of labor across several US geographic markets. The base pay for this position ranges from \$87,000/year in our lowest geographic market up to \$197,700/year in our highest geographic market. Pay is based on a number of factors including market location and may vary depending on job-related knowledge, skills, and experience. Amazon is a total compensation company. Dependent on the position offered, equity, sign-on payments, and other forms of compensation may be provided as part of a total compensation package, in addition to a full range of medical, financial, and/or other benefits. For more information, please visit <https://www.aboutamazon.com/workplace/employee-benefits>. Applicants should apply via our internal or external career site.

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