

Energy Markets Data Team – Energy Analyst

Newton Energy Group | Seattle, WA; Boston, MA; or remote

To Apply: send resume / CV directly to the hiring manager at ischomer@negll.com

Overview / Who We are

Newton Energy Group (NEG) is developing a new generation of energy market modeling tools by combining advanced analytics with high performance computing technology. NEG's mission is to deliver this new technology to a wide range of industry stakeholders. NEG staff is dedicated to achieving this mission by synthesizing its expertise in computer science with decades of experience in the analysis of energy markets design & operation, energy economics, and regulatory policy.

NEG is eager to support its expanding business by seeking a new member for its Data Team, which produces and maintains the data models used by NEG's best-in-class power system simulation engine. As part of a small team of experts, the candidate will have the opportunity to tap into the decades of knowledge and experience from senior staff to grow their own knowledge and abilities. NEG offers an extremely flexible hybrid/remote work environment to empower its employees to produce excellent results in harmony with their other roles in life. NEG is pleased to offer generous 401(k) contribution matching, health insurance with premium reimbursement, and paid family leave.

Responsibilities / Your Impact

- Build, test, and analyze data models for U.S. and European power markets
- Develop automated processes to ensure data quality from source to product
- Become an expert in one or more U.S. power markets
- Support client efforts with case diagnosis and expert advice on power markets modeling
- Identify and research new data sources and tools to propel the quality of NEG's models

Required Qualifications / Your Background

- Undergraduate degree in Engineering, Computer Science, Data Science, or similar field
- A knack for good software and the habits that produce it
- Excellent analytical skills in response to open-ended questions
- Fluency in Python or similar programming language
- Ability to work efficiently on multiple, non-overlapping tasks with minimal supervision
- Confidence in presenting technical content to both colleagues and clients
- Passion for the renewable energy transition

Preferred Qualifications

- Knowledge of U.S. power market operations and planning
- M.S. or Ph.D. in engineering / computer science with focus on power systems
- Familiarity with data science packages (pandas, numpy, or R)
- Working knowledge of Git and PyCharm
- Experience with optimization