



## **Tabors Caramanis Rudkevich is hiring**

### **Senior Analyst, Energy Analysis and Modeling**

**Position Type: Full Time**

**Location: Boston or remote (US eastern time zone)**

RElytix is on a mission to accelerate the transition to renewable energy. We develop unique data that encourages investment and reduces risks for all types of electric power assets, including renewable (wind, solar, storage, hydro), thermal (coal, gas, nuclear), and high voltage transmission. We deliver our data through a cloud-based platform to leading players in the U.S. power market that include corporate energy purchasers, energy investors, and developers of renewable energy projects.

We are looking for talented people who want to make a difference – both for our planet’s clean energy future, and for our team. As a fast-growing startup, RElytix offers rich opportunities for each team member to contribute, to learn, and to advance professionally. You will be mentored and trained by our senior team, including thought leaders in the power market. We are looking for rising start to work with a tight-knit team, either in our Boston (Newton) office or remotely.

Your day-to-day work will engage you and challenge you. You will be an integral part of our multi-functional collaborative team. Your work will be highly varied – from researching the latest trends in renewable energy, to performing quantitative analysis of power grid data, to developing requirements for our engineering team.

RElytix is part of TCR, an engineering and economic consultancy that has played a pivotal role in shaping energy policy through client work and thought leadership for over 30 years. TCR’s expert knowledge of the power market – including physics, economics, and policy -- has been encapsulated in RElytix.

#### **The Role**

Our Senior Analyst of Energy Analyst and Modeling plays a key role in developing our differentiated data and models. You will track trends in the US power market and apply your knowledge in quantitative analysis. You will build the models that we use to deliver accurate and granular insights to our clients. You will help us delight our customers by serving as an expert on the market, and on what you have built. And as part of a tight-knit startup, you will work extensively with our technical and customer-facing teams.

Specific responsibilities include:

- Monitor the energy market – track trends in areas such as renewable energy, battery storage, distributed generation, grid modernization, retirement of conventional generation, and energy policy
- Analyze external sources of data on the US power grid, spanning environmental, financial, and operational metrics. Work with the engineering team to source and automate the ingestion of emerging datasets



- Develop models and forecasts of the US electric grid, leveraging in-house tools and the expertise of our senior team. Own the models you build and manage model evolution over time
- Collaborate with technical teams to develop tools for automating model updates
- Plan and execute benchmarking to test the accuracy of your models, and to improve future modelling
- Collaborate with our senior team and clients to develop future market evolution scenarios
- Serve as a subject matter expert to explain market models and forecasts to clients
- Collaborate with client success teams in addressing client questions and requests

#### Required qualifications

- Bachelor's and/or Master's in a quantitative field
- At least 2 years of full-time professional work experience
- Quantitative & analytical skills, with 2+ years of relevant work experience in a quantitative analysis
- Energy market knowledge, with 2+ years of experience in one or more of these areas: policy & regulation, renewable energy, energy storage, traditional power generation and transmission development
- Strong interest in becoming a power industry expert
- Familiarity with commercial platforms for data analysis and visualization, such as Tableau, PowerBI, Spotfire
- Proficiency with SQL
- Proficiency with Python, R, C++, Matlab or other similar programming languages.
- Ability to work effectively in a fast-paced, dynamic environment

#### Preferred qualifications

- Experience with power modeling software, including ENELYTIX, PLEXOS, ProMOD, Gridview, Aurora, GE MAPS, Dayzer, etc.
- Experience building models and forecasts

We will consider candidates who require sponsorship.

**About TCR.** Tabors Caramanis Rudkevich (<https://www.tcr-us.com>) is an engineering economics consulting group that provides consulting, simulation modelling and litigation support on a range of electric market and natural gas market design, market operation and asset valuation issues at both the federal and state level. TCR provides consulting services to a wide range of clients including generation and transmission companies, Independent System Operators (ISOs), distribution utilities, energy policy makers and regulators, efficiency program administrators, environmental groups and consumer advocates.

**Equal Opportunity statement.** TCR is an Equal Opportunity Employer. We are committed to ensuring no discrimination on the basis of age, disability, sex, race, religion or belief, gender reassignment, marriage/civil partnership, pregnancy/maternity, or sexual orientation. We welcome all applications from a wide range of candidates, and selection for roles will be based on individual merit alone.