

Sustainable Energy Advantage, LLC

Renewable Energy Market & Policy Analyst: Modeling Emphasis



It's time. Technology, economic, policy and climate drivers are converging to drive a rapidly expanding clean & renewable energy landscape, and [Sustainable Energy Advantage \(SEA\)](#) is right in the middle of it. In our realm, new opportunities are arising almost daily. Our widely respected and growing renewable energy consulting / advisory firm provides our exceptionally broad and varied client base with expertise, analysis, insights, and tools to succeed. We're adding to our exceptional team to meet the opportunities head-on.

If you crave variety, possess a well-rounded skill set, analytical mind and (for most roles) great quantitative skills, and want to do something you can be passionate about, **keep reading.** Join a tight-knit and motivated team of about 20 professionals in a collegial environment that thrives on passion with a shared sense of purpose (and humor). *Be widely respected and never bored.*

Whether its offshore or land-based wind, solar, energy storage, enabling the power of community action, or helping diverse groups of stakeholders with different interests find viable solutions to complex clean energy interdisciplinary problems, at Sustainable Energy Advantage, we're working every day on a wide variety of projects with a common theme: rapid and well-informed deployment of renewable energy resources.

OPPORTUNITY: SEA is seeking an experienced energy/renewable energy professional with a proven track record to fill the position described below:

Experienced Renewable Energy Market & Policy Analyst: Modeling Emphasis.

- Senior Analyst; 2 – 4 years with undergraduate degree, or 1 - 3 years, with a relevant master's degree. Only applicants with relevant renewable energy sector / electricity market experience and quantitative modeling skills will be considered.
- Skills & Experience:
 - Superior quantitative modeling skills (especially, but not limited to, MS Excel), plus good written and oral communication skills.
 - Specifically, experience working with large datasets, optimization models, time series analysis and/ or automating process flows is a plus.
- Specific Subject Matter Expertise:
 - Renewable energy markets and technologies, wholesale electricity markets, financial analysis, and/ or energy policy analysis.
 - Programming and/or data science expertise a plus. Specifically, MATLAB, Python, Excel VBA programming and/or database expertise a plus.
 - Battery dispatch modeling and/or electric system Production Cost Modeling experience a plus.
 - Engineering, economics, STEM or interdisciplinary background with a quantitative focus.
- Primary Roles & Responsibilities: To be deployed across SEA's Market Analytics and Battery Storage practice areas, to work on SEA's market leading [Renewable Energy Market Outlook \(REMO\)](#) fundamentals analysis, and a range of consulting projects involving quantitative modeling related to clean energy technologies spanning distributed solar, land-based and offshore wind,

hydroelectric and energy storage; and subjects ranging from wholesale market models to retail rate impacts. May also contribute to SEA's [Eyes & Ears](#) renewable energy regulatory, legislative and policy tracking and analysis service.

COMPANY: Founded 24 years ago as one of the nation's first exclusively renewable energy consulting and advisory practices, [Sustainable Energy Advantage, LLC](#) (www.seadvantage.com) is a successful and growing company positioned as an objective and independent market analyst supporting an impressive and diverse client roster. SEA is the preeminent renewable energy market expert in the Northeast U.S. and is recognized nationally as a leader in shaping and supporting the rapidly expanding field of renewable energy. SEA applies interdisciplinary market, policy, financial and strategic analysis to help a wide range of clients – spanning some of the world's largest energy firms to small and nimble startups, government agencies to municipalities - develop thriving renewable energy businesses, new projects, effective policies, and critical market infrastructure, and surmount challenges with cutting-edge solutions. Through our practice areas (Market Analytics, Policy Analytics, Wholesale Market Services, Distributed Renewables, Energy Storage, Offshore Wind, Financial Modeling and Advisory Services, Strategic Support, Training, Market Entry & Best Practice Studies, Regulatory Support, Stakeholder Engagement & Process Support) we:

- ✓ Help state governments study, develop, implement, shape, or improve the innovative policies, programs, systems, and procurements stimulating and supporting clean energy.
- ✓ Enable 'market-facing' private sector energy firms (power plant developers, owners, investors, utilities load-serving entities and intermediaries across the renewable energy spectrum) and their industry associations to achieve their goals across all renewable energy technologies.
- ✓ Empower NGOs to make a difference and municipalities, large energy end-users, community choice aggregators, and their advisors to implement clean energy goals most effectively.

Complementing and enabling SEA's consulting and advisory practice are its industry leading subscription services covering the Northeast U.S. markets, which:

- ✓ Deliver best-in class market fundamentals analyses to provide our subscribers with analytical staples – what they'd like to do for themselves, but we can do better and more cost-effectively, allowing them to develop well-founded market views and take decisive action in the face of uncertainty; and
- ✓ Provide objective regulatory, legislative and policy tracking and analysis, as a best-in class bolt-on government affairs and market intel function, allowing our subscribers to stay 'in the know' and operate lean, mean and effective.

SEA leverages its capabilities through extensive collaboration with industry leaders, creating a presence surpassing its size. Hear what our clients have to say about us by reading testimonials at the bottom of the [REMO](#) and [Eyes & Ears](#) home pages.

Are you SEA material?

SEA seeks motivated, enthusiastic, and self-directed renewable energy professionals with exceptional quantitative and policy analysis skills to join the team. Energetic and highly motivated individuals must be capable of both supporting and managing colleagues and projects, as well as serving the needs of a diverse set of clients and tasks. The positions represent an opportunity for exposure to a wide range of topics and market participants actively shaping and growing the renewable energy industry with the potential for significant responsibility and career advancement. Above all, the successful candidate will be able to thrive in a team-oriented atmosphere which leaves no room for office politics, demonstrate the flexibility necessitated by a small entrepreneurial organization, and conduct themselves in a manner that respects and preserves SEA's trusted industry relationships and hard-earned reputation. Are you SEA material? Read [here](#) for more about SEA's culture.

LOCATION: Framingham, MA. As we navigate the post-pandemic landscape, most of our staff is working three days a week in the office (Tuesday-Thursday). Ideally the candidate is available to be based at and able to travel to our HQ, although in special circumstances (you best be a star) we will explore even more flexible work arrangements, as necessary. Lastly, we are considering establishing a presence in the PJM Footprint, and a working location elsewhere will be considered for the right person and role.

COMPENSATION: Compensation (base salary, plus bonus target) will be commensurate with experience, and include ample opportunities for advancement based on performance – limited only by applicant’s capabilities and ambitions. Benefits package includes health insurance, unlimited paid time off, long-term disability coverage. 401K with guaranteed company contribution. An employee-paid dental program is also available.

TO APPLY: Qualified applicants are asked to forward a cover letter* and resume via e-mail to: great-jobs@seadvantage.com. Please note the position that you wish to be considered for in the subject line (e.g., Renewable Energy Market & Policy Analyst: Modeling Emphasis).

*A thoughtful **cover letter is required** for SEA to consider your resume.

Sustainable Energy Advantage, LLC is an affirmative action-equal opportunity employer, and strives to build and advance a diverse team. SEA is committed to an inclusive work environment and supporting a talented workforce of diverse backgrounds and identities. All qualified applicants will be considered on merit, without regard to race, religion, sex, national origin, age, marital status, disability or medical condition (including pregnancy), veteran status, sexual orientation, gender identity or expression, or any other basis prohibited by law.