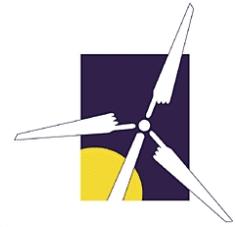


# Sustainable Energy Advantage, LLC

## Job Description & Requirements



**POSITION:** Experienced Renewable Energy Market & Policy Modeler/Analyst

**DATE POSTED:** 2019

**COMPANY:** Founded in 1998, [Sustainable Energy Advantage, LLC \(www.seadvantage.com\)](http://www.seadvantage.com) (SEA) is a small, successful and growing renewable energy consulting and advisory firm recognized regionally and nationally as a leader in shaping and supporting the rapidly-expanding field of renewable energy. SEA specializes in interdisciplinary market, policy, financial and strategic analysis to help a wide range of clients develop thriving renewable energy businesses, new projects, effective policies, and critical market infrastructure. SEA focuses exclusively on developing opportunities for all forms of renewable energy in wholesale and retail electricity markets. Our diverse clientele of private sector energy firms, governments, regulated utilities, non-profits and large energy users relies on SEA's independent, objective analysis to develop and implement effective and actionable solutions to the industry's cutting-edge challenges. SEA leverages its capabilities through extensive collaboration with industry leaders, creating a presence surpassing its size. We mix enthusiastic, smart, motivated, creative and curious individuals from a variety of backgrounds and disciplines into a tight-knit team with a shared sense of purpose (and humor). Join our team of experts and make a difference.

**JOB DESCRIPTION:** Starting in early 2019 SEA is seeking an experienced, self-directed renewable energy analyst and market modeler with exceptional Excel-based modeling skills, policy analysis, research, and writing skills, and an understanding of renewable energy markets, policies and technologies, to join our team. The enthusiastic, dedicated individual must be capable of helping the management and senior staff of a thriving consulting practice in supporting the needs of a diverse set of clients and tasks. This position represents an opportunity for exposure to a wide range of topics and stakeholders active in shaping and growing the renewable energy industry. This is a full-time position, with responsibilities commencing promptly upon selection of the most qualified candidate. While we expect that qualified applicants are likely to have three to eight years of experience, only applicants with at least 2 years of relevant electricity sector modeling experience will be considered.

Above all, the qualified candidate will have an interest in, and ability to, undertake the wide range of research, analytic and writing tasks necessary to meet the evolving needs of this entrepreneurial organization, and will do so in a respectful manner that preserves the trusted industry relationships developed and maintained by SEA staff. Responsibilities will be focused on quantitative market and financial analysis but also will involve policy research, analysis and writing. Responsibilities may include, but will not be limited to:

- Using and improving established Excel-based models, and developing new ones, to assess the potential impact of renewable energy policy initiatives;
- Conducting detailed and rigorous spreadsheet analysis, utilizing SEA's existing modeling tools, as well as adapting, improving, evolving and creating spreadsheet models of renewable energy markets, projects, and policies;
- Spreadsheet (Excel) or Access database population, management and development;

- Conducting financial analyses and due diligence, including the use, development, evaluation and enhancement of pro forma financial models for a range of renewable energy technologies;
- Performing detailed research and analyses on a wide range of renewable energy-related policy and business activities;
- Maintaining a current understanding of, and interpreting, regional energy policy initiatives and proposals;
- Conducting interdisciplinary policy, legislative, regulatory research and analysis, and market research and analysis regarding renewable energy development activities in a wide range of states;
- Researching and writing about current policy, legislative, regulatory and project-specific events in the renewable energy industry for SEA's tracking and analysis services;
- Developing strong relationships with industry participants that increase the quality and efficiency of work;
- Working effectively both with colleagues and independently, as needed;
- Participating in industry working groups and associations.

Title and Compensation (base salary, plus bonus) is negotiable and will be commensurate with experience, with opportunities for advancement based on performance limited only by applicant's capabilities and ambitions. Benefits include health insurance, long-term disability and simple IRA with employer match.

**LOCATION:** Framingham, Massachusetts.

**DESIRED SKILLS & EXPERIENCE:**

Experience in the electricity industry, either public-, private- or non-profit sector, is required. Demonstrated familiarity and experience with renewable energy issues is a must. The ideal candidate will have at least 2 years of experience in energy analysis, policy, marketing, trading, finance, or power plant development. The successful candidate will be able to demonstrate comfort with performing analyses and discussing concepts related to one or more of the following: economics, finance, accounting, engineering and environmental sciences. A masters' degree in a related discipline is preferred.

**Minimum Qualifications**

- A demonstrated interest in, and commitment to, electricity markets and renewable energy; and the ability to balance this passion for the subject matter with objectivity in all business analyses, activities and communications;
- Demonstrated performance as a team player;
- Demonstrated high level of proficiency with large MS Excel energy, policy and financial modeling spreadsheets;
- Excel based VBA or programing skills adaptable to Excel based VBA;
- Expertise with at least one of the ISO-NE, NYISO & PJM wholesale electricity and capacity markets;
- Strong organizational skills and attention to detail;
- Ability to multi-task (manage and track multiple detailed projects at the same time) and complete tasks efficiently;

- Must be an efficient, inquisitive and skilled researcher, adept at mining a variety of resources (online, phone and otherwise) for information and identifying and summarizing the important concepts in material reviewed;
- Maturity and professionalism to deal directly with SEA's clients;
- Excellent verbal communication and interpersonal skills;
- Above average competence with MS Word, PowerPoint required; MS Access a plus;
- Outstanding analytical and problem-solving skills;
- Commitment to documenting work and sources for ease of use by others;
- A motivated self-starter; must work productively and efficiently both in a team environment and individually under intermittent supervision;
- Must be interested in taking on new and potentially unfamiliar topics; the successful candidate will demonstrate a history of taking on increasing responsibilities;
- Willingness to do what it takes to get a broad range of projects done in a small business environment.

The ideal candidate will demonstrate additional expertise or experience in one or more of the following areas:

- Completed at least basic wholesale market training in one of the northeast Regional Transmission Organizations;
- Excellent written communication skills, including ability to communicate with crisp and concise, objective analytical writing style;
- Analysis of energy storage technology, economics, and market rules;
- Renewable energy transaction financing;
- Report, research, writing and presentation;
- Electricity system production cost simulation modeling;
- Due diligence;
- GIS or Web site design and programming experience; and,
- Electric transmission, offshore wind or solar industry experience.

**TO APPLY:** Qualified applicants are encouraged to forward a cover letter, resume, plus at least two references, via e-mail to [greatjobs@seadvantage.com](mailto:greatjobs@seadvantage.com). Submissions without a cover letter will not be considered. Please use the subject line: Renewable Energy Market & Policy Modeler.

Sustainable Energy Advantage, LLC is an affirmative action-equal opportunity employer.