Optimal ENERGY *Integrated Energy Resources*

RESEARCH ANALYST / SENIOR RESEARCH ANALYST

About Optimal Energy Inc.

Optimal Energy — an environmental consulting firm with expertise in the energy space — is looking to fill an **Analyst or Senior Analyst** position. Optimal Energy provides strategic planning, program, and portfolio development; implementation, evaluation, and verification support; and technical research in the fields of energy efficiency and renewable energy. Optimal Energy's clients include utilities, efficiency program administrators, commercial and industrial businesses, government, and non-profit organizations.

Job Description

The Analyst will provide technical services in support of our efforts to build a compelling economic case for energy efficiency and renewable energy. They will research and analyze energy-efficient and renewable energy technologies, programs, and evaluations to support strategic planning and implementation efforts. Areas of focus will likely include, but are not limited to: emerging efficiency technologies, distributed energy resources, strategic electrification, active demand response, energy storage, cutting-edge electricity grid technologies such as smart metering infrastructure, and novel financing and billing tools. Other job responsibilities can and will emerge as the Analyst develops areas of expertise and capabilities.

Job Responsibilities

- Research and analyze energy-efficient and renewable energy technology costs, energy savings, and market conditions
- Research and analyze policies that promote energy efficiency and renewable energy
- Learn and improve upon Optimal Energy's spreadsheet-based tools, which are used to analyze energy efficiency technologies, programs, and efficiency portfolios
- Improve data quality and process automation using excel, as well as data management and analysis tools as experience grows. For example, database systems (e.g. the SQL family) and data analysis tools such as R & Python may be explored.
- Analyze the efficiency and renewable energy potential and associated economic impacts available from specific geographic areas
- Perform economic analysis, including cost-benefit analysis, of energy resources
- Research and summarize non-energy impacts of sustainable energy policies, and explore the potential for cross-industry promotion of synergistic policies
- Assist with producing deliverables such as written reports, presentations, charts, and figures

Job Qualifications

- Background or degree in economics, energy, computer science, or engineering; Master's degree or equivalent experience preferred
- Strong analytical skills with the ability to identify, collect, organize, analyze, and disseminate information with attention to detail and accuracy

- Advanced data management and analysis skills, including Excel (knowledge of VBA a plus), statistics, computer programming (programming experience, especially with R, a plus), and data management tools and principles
- Strong writing and presentation skills
- Ability to manage complex tasks with competing priorities and time requirements
- Ability to work independently and be proactive about initiating and completing tasks
- Comfortable in a small office environment with substantial interaction with co-workers
- Demonstrated experience and/or interest in energy efficiency or renewable energy
- Prior work experience a plus

What We Offer

- Excellent opportunity for advancement and competitive salaries, commensurate with experience
- Generous retirement plan; excellent health and dental insurance with premiums covered in full in first year; employer-funded Health Savings Account; annual fitness benefit
- High quality work environment in a sustainably constructed office building built from repurposed shipping containers
- A growing, close-knit team of environmental analysts and consultants, with regular team outings around the city

To Apply

Submit a cover letter and resume to info@optenergy.com

Optimal Energy, Inc., is an Equal Opportunity / Affirmative Action company, committed to diversity and inclusion in hiring, employment, and operations. We encourage applications from people who are or have been historically underrepresented in the clean energy economy.