



JOB POSTING

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| <u>Job Title:</u> | Senior Energy Analyst/Energy Engineer |
| <u>Primary Work Location:</u> | Emeryville, CA with travel to Northern and Southern California |
| <u>Supervisor:</u> | Director of West Coast Operations |
| <u>FLSA Classification:</u> | Exempt |
| <u>Projected Salary Range:</u> | Competitive, commensurate with experience |

Overview: Association for Energy Affordability (AEA) is a rapidly growing non-profit energy services and training organization which is dedicated to achieving energy efficiency in buildings in order to foster and maintain affordable and healthy housing and communities. Energy consulting services are completed through AEA's participation in a variety of federal, state, and local energy efficiency initiatives. AEA is a national organization, with over 25 years of industry experience and has been operating a West Coast office for over seven years. For more information about AEA, see <http://www.aea.us.org>.

Position Summary: AEA West is seeking a Senior Energy Analysts/Energy Engineers to join our tight-knit, talented team of "Energy Geeks." The candidate must have at least three years of experience performing energy audits, energy modeling, and assisting property owners through complex retrofit projects. If you are passionate about energy conservation and renewable energy, you love buildings, and you're seeking to learn from an experienced organization in a hands-on environment, this is the place for you.

The Energy Analyst will independently conduct energy audits of multifamily and commercial buildings, providing engineering analysis at both the project and program levels, designing and managing retrofit projects, performing green building assessments, and conducting a variety of technology and market assessments. The Energy Analyst engages in data collection, building diagnostics, research, data analysis, energy modeling and report production as needed to complete a range of project types. He or she is expected to be a self-starter, an independent problem solver, and a strong team-player. This position requires statewide travel, but most of the work will be concentrated in the Southern California territory.

Responsibilities: The Senior Energy Analyst/Energy Engineer may be responsible for:

- Conducting energy audits and in-field energy assessments, on-site diagnostics, field data collection and analysis
- Performing energy modeling and building simulations
- Preparing energy and green building assessment reports based on analytic findings which include detailed equipment specifications and cost savings analysis
- Energy efficiency program implementation
- Conducting technical peer review

- Performing LEED, Green Point Rated and HERS consulting services
- Performing commissioning and retro-commissioning studies
- Performing renewable energy feasibility assessments
- Conducting trainings both internally and publically on energy efficiency technologies, energy auditing principles, and energy efficient building operations
- Working on national projects to help develop industry standards and guidelines

These job responsibilities may be revised over time to ensure the functional responsiveness of the Senior Energy Analyst/Energy Engineer to AEA and Federal and California State program requirements.

Minimum Qualifications:

- Bachelor’s Degree in engineering, architecture, environmental science, construction management or other sustainability related focus, with a demonstrated interest in energy conservation and building science preferred
- Knowledge of building systems including lighting technologies, building envelope, mechanical systems and combustion science

Additional Qualifications Desired:

- Basic knowledge and understanding of Title 24 and other building codes
- Familiarity with local, state and federal incentive and rebate programs
- Ability to perform cost savings analyses and fuel data analyses.
- Sound technical writing skills and experience
- Home Energy Rating Systems (HERS and HERS II) rater certification preferred.
- Building Performance Institute (BPI) certification preferred.
- Experience with the use of energy modeling software a plus, i.e., EnergyPro, TREAT, eQUEST, DOE2 programs.
- Proficiency in Microsoft software, including Excel but also Word, Outlook, and PowerPoint.

EEO Non-Discrimination and ADA Reasonable Accommodation Statement:

Applicants are considered for all positions without regard to race, color, creed, religion, age, national origin, alienage or citizenship status, gender, sexual orientation, gender identity, marital or partnership status, disability, military status, veteran status, or predisposing genetic characteristics. AEA does not discriminate on the basis of physical or mental disability where the essential functions of the job can be reasonably accommodated. Determinations on requests for reasonable accommodation will be made on a case-by-case basis. For more information on the physical requirements of this position and/or if you need reasonable accommodation for any part of the application and hiring process, please notify the agency at 212-279-3902 Ext-8265 or mpatterson@aea.us.org.

TO APPLY: Please submit resume with cover letter, Attn: Mary Patterson, by email: mpatterson@aea.us.org or fax: 718-292-1280.

~ Minorities and women are encouraged to apply ~