



## JOB POSTING

<u>Job Title:</u>	<b>Senior Energy Engineer</b>
<u>Primary Work Location:</u>	New York City (Bronx, NY office)
<u>FLSA Classification:</u>	Exempt
<u>Projected Salary Range:</u>	Competitive, commensurate with experience

**Overview:** Association for Energy Affordability (AEA) is a non-profit energy services and training organization 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 to improve existing buildings and support high performance new construction projects. AEA is a national organization, with over 25 years of industry experience. For more information about AEA, see <http://www.aea.us.org>.

**Position Summary:** AEA is seeking a Senior Energy Engineer to join our diverse, talented team of energy professionals. The Senior Energy Engineer will provide a wide range of energy technical services to AEA customers for both new and existing buildings. In addition, the individual will provide technical oversight and support to staff and clients. This is a leadership position requiring at least five years of energy efficiency engineering experience. If you are a hardworking and productive professional, passionate about energy conservation and renewable energy, you love buildings, and want to work with an experienced organization in a multi-faceted, hands-on environment, this is the place for you.

**Responsibilities:** The Senior Energy Engineer may be responsible for the following:

- **Energy Efficiency Technical Services**

- Conducting energy audits, and in-field energy assessments, on-site diagnostics, analyses and reports
- Performing energy modeling and building simulations
- Preparing energy assessment reports based on analytic findings which include detailed work scopes and cost savings analyses
- Developing specifications for heating and mechanical system upgrades
- Performing energy consulting services for Enterprise Green Communities, Passive House, LEED, or NYSERDA new construction projects
- Performing commissioning and retro-commissioning studies for high performance new construction projects or existing buildings (LL87)
- Performing renewable energy feasibility assessments
- Conducting training for staff and external customers on energy efficiency technologies, energy auditing principles, and energy efficient building operations
- Working on research and demonstration projects to advance strategic electrification or other initiatives
- Working on national projects to help develop industry standards and guidelines

• **Other Key Responsibilities:**

- Provide leadership, mentoring, support, and training, as assigned, to advance the professional growth and development of AEA energy engineers and energy technicians/analysts, and strengthen the capacity of AEA partners and clients to benefit from energy efficiency services we provide.
- Maintain contact with AEA clients and perform quality assurance activities to ensure the consistent high quality of AEA work products and services, to assess and increase customer satisfaction, and to expand our business opportunities with existing clients.
- Contribute to achievement of AEA revenue targets by leading or supporting assigned projects, ensuring they are appropriately staffed, by personally maintaining a high level of productivity and billable hours, and supporting high performance expectations of technical staff.
- Participate in AEA initiatives to acquire and engage new customers by making presentations at energy efficiency educational events, developing and delivering technical sales presentations and proposals to customers, identifying new business opportunities, participating in long-range planning for new or existing lines of business, developing relationships with new clients and strategic market actors, and contributing to special projects as required.

These job responsibilities may be revised over time to ensure the functional responsiveness of the Senior Energy Engineer to AEA and requirements of programs we implement or support.

**Minimum Qualifications:**

- A Master's degree or professional license in engineering, energy management, architecture, environmental science, construction management or other sustainability-related focus, with a demonstrated interest in energy conservation and knowledge of building science. (A Bachelor's degree in one of these fields with extensive, documented, relevant technical experience may substitute for this requirement.)
- Advanced engineering, building commissioning, or energy efficiency related credentials (e.g., P.E., CPHC/D, EBCP, CBCP, MFBA, CEM, LEED AP, or similar.)
- Knowledge of multifamily building systems including lighting technologies, building envelope, mechanical systems and combustion science
- 5+ years' experience performing energy audits and energy modeling, preparing energy efficiency reports, developing heating and ventilation system upgrade specifications, and assisting property owners through complex retrofit and new construction projects.
- Working knowledge of eQUEST, Ea-Quip, TREAT, PHPP, and/or similar software
- Demonstrated ability to produce required analysis, Energy Efficiency and Retro-Commissioning reports for compliance with NYC' Local Laws related to energy efficiency
- Basic knowledge and understanding of New York building codes and energy-related ASHRAE standards
- Ability to perform cost savings analyses and fuel data analyses.
- Strong written and verbal communication skills in English, including technical report and specification writing
- Excellent interpersonal skills with both customers and co-workers
- Demonstrated coaching and mentoring skills working with staff at a variety of expertise levels
- Proven track record attracting, serving and retaining high-level clients
- Ability to present in front of a group of people
- Proficiency in Microsoft software, including Excel, Word, Outlook, and PowerPoint.

- Demonstrated commitment to innovation and lifelong learning.
- Travel required, primarily in the greater New York City area.

**Additional Qualifications Desired:**

- Familiarity with local, state and federal government and utility incentive and rebate programs

**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 [aberesford@aea.us.org](mailto:aberesford@aea.us.org).

TO APPLY: Please submit resume with cover letter, Attn: Amy Beresford, by email: [aberesford@aea.us.org](mailto:aberesford@aea.us.org) or fax: 718-292-1280.

***~ Minorities and women are encouraged to apply ~***