



February 22, 2019

Project Engineer, Energy + Sustainability

Taitem Engineering has an opportunity for a project engineer with experience in building energy modeling. Taitem is a progressive consulting firm based in Ithaca, New York. Founded in 1989, Taitem was recently named one of Central New York's best places to work by CNY Business Journal. Taitem is a mission-driven B-Corporation, known for its high-quality work in designing and supporting sustainable, high-performing buildings. "Taitem" stands for "technology as if the earth mattered," reflecting the firm's commitment to the environment. Flexible schedules, family-friendly policies, and support for excellence make Taitem a life-sustaining place to work.

Specific responsibilities of the Project Engineer include:

- Create energy models to simulate building performance according to owner needs and incentive program guidance; generate parametric runs to iterate different design strategies.
- Confirm technical viability of proposed energy conservation measures to achieve the anticipated savings; review of baseline conditions, ECM savings, calculations, worksopes, M&V approach/plans, capital cost estimates, operating parameters, engineering drawings, and project submittals.
- Consult with project stakeholders about energy systems and strategies that include HVAC, lighting, building skin features, etc. for new construction buildings using an integrated design approach.
- Prepare information requests to address and assist in resolving deficiencies for clients and consultants.
- Collaborate with a multidisciplinary engineering team to achieve professional results and standards.
- Keep up-to-date with technology trends and changes in this rapidly evolving market.
- Interact with senior-level facilities personnel and conduct meetings with the project teams

The Ideal Candidate

The ideal candidate is based in or is willing to relocate to the Ithaca, New York area, has at least two years of experience in building energy modeling using eQUEST and other energy modeling software packages, and is knowledgeable about HVAC systems.

Qualifications

- engineering degree or equivalent
- knowledge of multifamily, commercial, and industrial building energy systems



- knowledge of HVAC design in built environment
- energy modeling (such as eQUEST, HAP, Trane Trace or EnergyPlus)
- proven analytical and technical skills, with experience in statistical analysis, such as regression analysis
- other building-energy/carbon mitigation related experience, such as capital modification feasibility studies; measurement and verification of energy savings; energy auditing
- proficiency in MS Windows and Office, particularly Excel
- strong oral and written communication skills
- ability to work well with all levels of management, staff, and external contacts
- impeccable attention to detail
- desire to grow with and contribute to the growth of our company

Compensation: The recruiting range for this position is competitive and depends on the skills and experience of the applicant. This is a full-time benefits-eligible position. Benefits include medical and dental insurance, paid time off, professional development funds, and an employee assistance program.

How to apply: Please submit your letter of interest and resume at <https://www.fitzii.com/apply/38324>

Taitem Engineering is committed to creating a diverse workplace and encourages applications from women and people of color.

Taitem Engineering, PC is an equal opportunity employer and will not discriminate against any employee or applicant on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, veteran status, or any classification protected by federal, state, or local law.

Visa sponsorship is not available for this position.