



Updated May 21, 2026

Lead Engineer

Position Summary

We are seeking an experienced Lead Energy Engineer to join our team in Woodbridge, N.J. The ideal candidate will be responsible for leading projects from auditing through implementation. They will come with 7+ years of relevant experience and strong technical competence.

Essential Job Functions

- Lead and execute ASHRAE Level I–III energy audits.
- Conduct on-site inspections, data collection, and measurement & verification.
- Develop detailed engineering analyses and ECM calculations.
- Provide design support and review technical drawings.
- Coordinate project activities with clients and contractors.
- Prepare technical reports, proposals, and documentation.
- Mentor junior engineers.

Qualifications

- Bachelor's or master's degree in relevant engineering field.
- Minimum 5 years of experience.
- Certified Energy Manager (CEM) is required.
- Must reside in New Jersey.
- Valid NJ driver's license.
- Strong knowledge of building mechanical, electrical and controls' systems and energy codes.

Knowledge, Skills and Abilities

- Experience using AutoCAD to assist in the production of site plan drawings.
- Knowledge of eQuest, EnergyPlus or Open Studio software is a plus.
- Proficient in using Microsoft 365 including Word, Excel, Outlook, Project and other management software.

Physical Demands of the Job

The physical demands described here represent those that an employee must meet to perform the essential functions of this job successfully.

- While performing the duties of this job, the employee is occasionally required to stand; sit, walk, climb, balance, stoop, kneel, crouch or crawl; use hands to finger, grasp, or feel objects; reach with hands and arms; push or pull; talk and hear; use repetitive motions.
- The employee is frequently required to lift and/or move up to 20 pounds and occasionally lift and/or move up to 25 pounds.
- The employee must have visual acuity to perform activities such as preparing and analyzing data and figures, transcribing, viewing a computer terminal, and extensive reading and visual inspections of site plans.

Work Environment

While performing the duties of this job, the employee is subject to the following work environment:

- The employee is subject to both inside and outside environmental conditions.
- The employee is subject to hazards such as proximity to moving mechanical parts, moving vehicles, and electrical current.

Equal Employment Opportunity (EEO)

TSE is an equal-opportunity employer committed to diversity and inclusion in the workplace. TSE prohibits discrimination and harassment of any kind based on age, race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, age, marital status, gender, gender identity or expression, veteran status, or any other protected characteristic as outlined by federal, state, or local laws. This policy applies to all employment practices within our organization, including hiring, recruiting, promotion, termination, layoff, recall, leave of absence, compensation, benefits, training, and apprenticeship. TSE makes hiring decisions based solely on qualifications, merit, and business needs at the time. Please read through our EEO Policy for more information. TSE is committed to working with and providing reasonable accommodation to applicants with physical and mental disabilities. TSE is a drug-free workplace.

Screening

TSE makes offers of employment contingent upon (1) successful completion of a routine background investigation and reference check, (2) drug testing, and (3) Act 34 Child Abuse clearance.

Benefits

- Medical, vision, dental insurance and more.
- 401(k) and company match.
- Company-provided life insurance.
- Health Savings Account (HSA).
- Education reimbursement program with management approval.
- Annual paid time off.
- Observance of 8 Federal Holidays.
- Opportunities for advancement and development.

If interested in applying for this position, please send your resume to HR@TriSEnergy.com.