

Principal / Senior Energy Engineer

Compensation: \$100K or above commensurate with experience

Principal /Senior Energy Engineer to support our growing Energy Engineering Group in current energy efficiency projects.

Are you a licensed professional engineer with an electrical or mechanical engineering degree and at least five years of experience?

Typical assignments will include facility mechanical and lighting system evaluations, energy audits to identify energy conservation project opportunities, and feasibility studies. Some travel is required to perform detailed studies and feasibility analyses.

Key Responsibilities:

- An in-depth combination of analytical and investigative skills.
- Will investigate current facility operations and identify methods, technologies and process changes which may be implemented to reduce energy costs.
- Requires experience with facility heating, cooling, ventilation and lighting systems.
- Requires expertise encompassing processes including steam systems, compressed air systems, boiler and chiller plants and industrial processes.
- Requires the ability to readily recognize inefficient systems and be familiar with the newest technologies for retrofit.

Basic/Required Qualifications:

- BS in Mechanical Engineering, Industrial Engineering, Electrical Engineering or related engineering degree.
 - Electrical or Mechanical Engineer or similar degree and background in energy auditing and energy efficiency studies and recommendations.
- Certified Energy Manager, Certified Lighting Efficiency Professional, LEED Accreditation and/or Certified Energy Auditor desired.
- 10+yrs experience completing facility energy audits with knowledge in both HVAC and lighting principles
- Ability to recognize, identify, assess and produce detailed calculations for energy conservation projects (ECPs).
- Calculations to include operational and maintenance savings as well as the cost for implementation of the proposed ECP.

Preferred Qualifications:

- PE licensure
- Adept with the building simulation software including TRANE Trace and TRANE System Analyzer.

Interested candidates please apply on our website: www.mactec.com/careers

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