



About Us

SEA seeks proven Energy Management Professionals to work full-time on-site as Resource Managers (RM). Established in 1988, SEA is a consulting engineering firm specializing in energy efficiency for existing facilities. Led by a team of internationally acclaimed engineers, SEA offers an entrepreneurial environment that embraces initiative, innovation, and results. We challenge the brightest and most creative individuals in the energy services industry. Our charter consists of three equally critical objectives: Serve our Clients, Fulfill our People, and Manage our Business

Responsibilities

This position performs a wide spectrum of energy engineering functions working on various energy management projects in support of our nationwide REM program. The primary areas of focus will be:

Develop and support energy and water resilience projects, including utility rate and billing analysis, and identify opportunities for UESCs, ESPCs, and PPAs.

- Create and implement energy and water policies, including project requirements and design reviews.
- Implement the UEM program, including identifying UEMs, coordinating training, and supporting Installation Energy Managers.
- Develop and expand microgrids, metering, and control systems.
- Promote energy-efficient behaviors through smart grid projects and culture change initiatives.
- Create and implement communication campaigns and feedback mechanisms for energy behavior changes.
- Gather feedback for improvements and develop training materials on energy best practices.
- Identify and recommend projects for third-party financed alternative fuel sites using state or federal programs.
- Review investment grade audits, LCCA, and support ESPCs, UESCs, and PPAs by tracking task order completion and M&V.
- Apply for utility incentives on Energy Efficiency projects.
- Gather AMI data, perform Quality Control checks, and verify field meter components.
- Analyze building/equipment performance with data logging devices and recommend corrective actions.
- Identify low-cost/no-cost energy efficiencies and provide recommendations.
- Support facility repair and construction activities, including design review comments and project management.
- Conduct feasibility analysis for energy, water, and resource efficiency projects.
- Perform Measurement and Verification (M&V) of savings.
- Facilitate alternative financing projects and promote supply-side cost reduction.
- Enhance O&M efficiency and utilize new renewable energy technologies.
- Identify and manage energy savings projects, including ESPC, UESC, and ECIP projects.

Qualifications

- An active Certified Energy Manager (CEM) is REQUIRED. The REM must possess at minimum, one of the following:
- 4 year engineering degree (preferably in mechanical or electrical engineering) from an accredited institution and/or Professional Engineering License with a minimum of 5 years of experience in energy management
- An Environmental Science, Business or related degree from an accredited institution with a minimum of 8 years' experience in energy management
- 2-year technical degree from an accredited institution with a minimum of 10 years experience in energy management
- Non-degreed with a minimum of 12 years' experience in energy management
- *U.S. citizenship is required as well as obtaining secret clearance

Skills

- Ability to work with Microsoft programs such as Word, Excel, Access, Microsoft Project, PowerPoint, and energy analysis programs such as Trane Trace, HAP, E-Quest, etc.