

Job Description

Job Title:	Energy Consultant/Engineer III	Reports To:	Discipline Director Mid-Atlantic Environmental Services
Department/ Group:	Environmental Services Mid-Atlantic	Job Category:	Professional
Duty Location	Washington, DC	Travel Required	Yes, and primarily local
Rate:	Commensurate with experience	Position Type:	Part-time, As Needed
URL:	http://www.peercpc.com/Careers/careers.html		
Applications Accepted By:			

Fax or E-mail:

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 E: jobs@peercpc.com

Mail:

PEER Consultants, P.C.
 Attn: Human Resources

Subject Line: Energy Consultant/Engineer III

Job Description:
Position Summary:

The Energy Consultant identifies, advocates for and advises on energy efficiency improvements in new construction and existing industrial, commercial and multi-family buildings and facilities. Participates in the delivery of cost-effective energy efficiency solutions to commercial buildings, while contributing to a mission-driven, creative, enjoyable and stimulating work environment.

The Energy Consultant must have a minimum of 5 years of experience in energy efficiency (energy savings calculations from HVAC, lighting, envelope upgrades, etc.; building energy auditing; and HVAC design). The Energy Consultant will be fully competent in conventional subject matter, will independently perform most assignments with supervision needed only when dealing with unusual issues, and may manage a small team. The Energy Consultant may also participate in the electrical/mechanical, energy efficiency, solar and or wind elements of various infrastructure and facility design projects.

Principal Duties & Responsibilities:

- Provide Energy Conservation Services:
 - Works with wide range of customers, including business owners, architects, engineers, vendors, trade allies and other relevant players to promote the installation of cost-effective efficiency improvements in customers' future and existing buildings/facilities and to creatively overcome barriers to installation.
 - Provides appropriate levels of support that encourage participation in energy efficiency services. Performs basic energy and financial analyses, analyzes fuel and utility bills, estimates savings and costs, screens measures and provides technical assistance and upgrade recommendations for customers. Educates and provides an analysis of energy use; reviews plans and specifications for energy efficiency measures.
 - Adopts and applies knowledge in work with customers regarding new building technologies, process improvements, and substantial energy efficiency opportunities that are presented to staff. Builds and maintains relationships with customer decision makers and implementation staff to develop project energy savings goals. Works with engineering staff and customers to determine and present estimated energy savings and appropriate incentives. Manages customer expectations, capably persuades customers to make investments in energy efficiency, and inspects installed measures.

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- Provides and models exemplary customer service both internally and externally to the organization.
- Supports the coordination of activities with other staff within PEER and the client organization as is necessary to accomplish organizational goals and objectives.
- Quantify energy consumption to establish baselines (federal requirements, IECC etc.) for energy use or need.
- Provide technical analysis/review for energy projects, providing, as well, project risk assessment when necessary and may manage a complete task by his/her own.
- Perform building “walk-through” to verify and/or identify energy conservation measures (architectural, mechanical, electrical, etc.) in commercial, institutional, and industrial facilities.
- Subject matter expert in the use of simulations & analysis software (s) and spreadsheets to accurately represent energy analysis.
- Prepare reports containing energy analysis results or recommendations for energy cost savings.
- May assist in preparing proposals including project schedules.
- Maintain professional relationships with clients, clients’ personnel and develop new business relationships.
- Actively participate in professional associations including making presentations at conferences or meetings.
- Other duties as assigned may include but are not limited to providing design support for infrastructure and facility design projects and evaluating engineering designs to identify measures to lower costs and /or improve function.

Knowledge, Education & Experience: *(Minimum education, experience, technical and communication skill levels and licenses/certificates normally required to perform the duties of this position)*

- Bachelor’s Degree in Mechanical Engineering, Electrical Engineering, Energy Engineering or a related field from an accredited college or university and a minimum of 5 – 7 years of relevant experience is required
- Minimum 5 years of experience in energy efficiency (energy savings calculations from HVAC, lighting, envelope upgrades, etc.; building energy auditing; and HVAC design) is required.
- Knowledge of building systems commissioning, HVAC design, energy efficiency technologies, green building, high-performance design, and electrify everything is required.
- ASHRAE certification, CEM or CEA accreditation (or equivalent) preferred.
- EIT accreditation is preferred, and PE is a plus.
- Certified Associate in Project Management or higher certification (PMI) is desired.
- Up-to-date knowledge of computers, tablets and current software tools including Microsoft Office, building energy modeling tools, and database software required.
- Strong oral and written communications skills and demonstrated report writing and presentation ability is required.
- Being team-oriented, hands-on, highly skilled, adaptive, and client-focused is required.
- Demonstrated ability to be organized, detail-oriented, accurate, and able to track progress to ensure timely involvement in multiple projects of moderate size and complexity and associated tasks and competing priorities in a dynamic and fast paced environment.
- Demonstrated success in handling multiple, concurrent projects and building long-term customer relationships.
- Mobile phone, driver’s license, and a personal vehicle are required (computer, tablet and or other devices supplied based on project requirements and job-related mileage reimbursed).
- Record of COVID-19 vaccination and booster is required.
- Residency in the District of Columbia is preferred.

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Working Conditions: *(Typical working conditions associated with this type of work and environmental hazards, if any, that may be encountered in performing the duties of this position.)*

External: Travel typically consists of travel to project site or client offices. Non-local travel is typically less than a week in duration. Work may be performed at the project site with exposure various weather conditions and perhaps construction activities, and the use of personal protective equipment (PPE) is required.

Internal: Work is normally performed in a climate-controlled office environment, where exposure to conditions of extreme heat/cold, poor ventilation, fumes, and gases is very limited and the noise level is moderate and includes sounds and normal office equipment (computers, telephones, etc.). No known environmental hazards are encountered in normal performance of internal job duties.

Physical Demands: *(The physical effort generally associated with this position.)*

Work may involve lifting and carrying, over short distances, packages, documents, laptop computers, and other equipment weighing less than 50 pounds. Field work generally involves standing and walking, but most office duties may be performed from a seated position.

PEER Consultants, P.C. is an equal opportunity employer, committed to diversity in the workforce. We encourage all qualified applicants to apply.