

## Job Description

Job Title:	Energy Consultant/Engineer (I or II)	Reports To:	Ricardo A. Martinez
Department/ Group:	Mid-Atlantic Environmental or Advisory Services	Job Category:	Professional
Duty Location	Washington, DC	Travel Required	Yes, and primarily local
Rate:	Dependent on experience	Position Type:	Full-time
URL:	<a href="http://www.peercpc.com/Careers/careers.html">http://www.peercpc.com/Careers/careers.html</a>		

### Applications Accepted By:

#### Fax or E-mail:

F: 202.478.2050

E: [jobs@peercpc.com](mailto:jobs@peercpc.com)

#### Mail:

PEER Consultants, P.C.

Attn: Human Resources

**Subject Line:** Energy Consultant/Engineer (I or II)

### Job Description:

#### Position Summary:

The Energy Consultant will identify, advocate for and advise on energy efficiency improvements in new construction and existing industrial, commercial and multi-family buildings and facilities. The consultant may participate in the design of solar, wind, water systems. This consultant is competent in conventional subject matter, receiving instructions on complex features, and assistance on unusual problems. The work is generally independent or collaborative in nature and may include working with entry level scientists, engineers or technicians.

#### Principal Duties & Responsibilities:

- Under supervision, may provide:
  - *Energy Efficiency services including but not limited to:*
    - Calculating potential for energy savings for market opportunities, new construction, retrofit projects, government buildings, and commercial and institutional buildings.
    - Identifying opportunities to improve the operation and maintenance of building or process systems.
    - Quantifying energy consumption to establish baselines (federal requirements, IECC etc.) for energy use or need.
    - Providing technical analysis/review of energy projects and, when needed, risk assessments.
    - Performing commercial, institutional, and industrial building “walk-throughs” and identifying energy efficiency measures (architectural, mechanical, electrical, etc.) and opportunities to replace fossil fuel powered equipment with electric powered equipment.
    - Preparing audit reports containing energy analysis results or recommendations for energy cost savings.
  - *Design services including but not limited to:*
    - Assisting in the design of solar or wind systems, evaluating them and/or identifying measures to improve their function.
    - Assisting in the design of the mechanical/electrical components of water/wastewater facilities.
- Assist as needed in preparing proposals including draft project schedules.
- Maintain professional relationships with clients, clients’ personnel and develop new business relationships.

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- Actively participate in professional organizations including making presentations at meetings or conferences.
- Other duties as assigned.

**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 up to 4 years of relevant experience is required (Master of Science counts as two years of experience).
- Ability to successfully work on multiple, concurrent projects is required.
- Being and organized, detail oriented and a team player is required.
- Up-to-date knowledge of computers, tablets and current software tools including Microsoft Office is required, knowledge of building energy modeling tools, and database software is a plus.
- Good oral and written communications skills are required and demonstrated report writing and presentation ability is a plus.
- EIT accreditation is preferred.
- Knowledge of building systems commissioning, HVAC design, energy efficiency technologies, green building, high-performance design, and #electrifyeverything is preferred.
- Energy audit, report writing, and energy analysis experience is a plus.
- Experience in energy conservation measures such as air infiltration reduction, HVAC upgrades, motors, lighting, building shell/envelope, appliances, refrigeration, and replacement of fossil fuel powered equipment with electric alternatives, is a plus.
- Electrical/Mechanical design experience on renewable energy of water projects is a plus.
- 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 may be required.

**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.***