Green Jobs: Survey of the Energy Industry

Relevant Trends, Opportunities, Projections & Resources

Presented by the Association of Energy Engineers

Profile of Respondents
Survey Results
Policy & Trends
Salary & Experience Levels
Job Titles & Resources
Green Jobs: Survey of the Energy Industry

The Association of Energy Engineers (AEE), a nonprofit professional society of over 9,500 members, issued a survey to its members to determine the need for Green Jobs, Energy Industry Potential and Salary Data. The results represented are based on 978 responses and are outlined in this report. AEE was founded in 1977 and its mission is “to promote the scientific and educational interests of those engaged in the energy industry and to foster action for sustainable development.”

Profile of Respondents

- Eighty-seven percent (87%) have graduated from a four-year accredited college.
- Thirty-nine percent (39%) have a post-graduate degree from an accredited college.
- Thirty-seven percent (37%) are registered Professional Engineers (P.E.s) or Architects.
- Seventy-nine percent (79%) are Certified in one or more of the following categories:

1. Certified Energy Manager (CEM®)
2. Energy Manager in Training (EMIT®)
3. Certified Sustainable Development Professional (CSDP®)
4. Certified Green Building Engineer (GBE®)
5. Business Energy Professional (BEP®)
6. Certified Lighting Efficiency Professional (CLEP®)
7. Certified Power Quality Professional (CPQ®)
8. Certified Building Commissioning Professional (CBCP®)
9. Distributed Generation Certified Professional (DGCP®)
10. Certified Measurement and Verification Professional (CMVP)
11. Certified Demand-Side Measurement Professional (CDSM®)
12. Certified Cogeneration Professional (CCP®)
13. Certified Energy Procurement Professional (CEP®)
14. Certified Indoor Air Quality Professional in Training (CIAQT®)
15. Certified Testing, Adjusting Balancing Professional (CTAB®)
16. Certified Geo-Exchange Designer (CGD®)
17. Certified Carbon Reduction Manager (CRM®)
Section One: Green Jobs

There is a growing demand for energy efficiency, green collar and renewable energy professionals in light of the following trends:

1. Survey Results

   • Forty-one percent (41%) of the energy professionals who were surveyed plan to retire in the next ten years.
   • Seventy-two percent (72%) of energy professionals indicate a heightened shortage of qualified professionals in the energy efficiency and renewable energy fields in the next five years.
   • Seventy percent (70%) of energy professionals indicate a need for national and state training for "Green Jobs" to address job shortages that are impairing growth in green industries, such as energy efficient buildings and construction, renewables, electric power, smart grid, energy efficient vehicles and biofuels development.

2. The American Recovery and Reinvestment Act of 2009 (ARRA) will fund:

   A) Energy Efficiency

   • $3.1 billion for State Energy Programs which will encourage states to improve building energy improvement and retrofits.
   • $5 billion for weatherization of low income housing.
   • $4.5 billion for Green Federal Buildings.
   • $3.6 billion for the Department of Defense for energy efficient projects and facilities upgrade.
   • $3.2 billion for Energy Efficiency and Conservation Block Grants to help state and local governments implement energy efficiency.
   • $500 million dollars for job training, and programs to prepare individuals for careers in energy efficiency and renewable energy.

According to the Alliance to Save Energy, the energy efficiency measures will create 100,000 or more new energy jobs in the next two years. www.ase.org
B) Solar Energy

The American Recovery and Reinvestment Act contains provisions for:

- **Renewable Energy Grant Program:** Offers Department of Energy grants equal to thirty percent (30%) of the cost of solar projects started in the next two years, including large-scale utility projects. This is a critical alternative to solar tax credits that are not functioning as Congress intended in the current economic climate.
- **Loan Guarantee Program:** Creates a new, streamlined loan guarantee program to support financing of renewable energy systems, including solar energy technology.
- **Manufacturing Investment Credit:** Creates a thirty percent (30%) investment tax credit for facilities engaged in the manufacture of renewable energy property or equipment.

According to the Solar Energy Industries Association a total of 119,000 jobs over the next two years will be created for solar panel installation, manufacturing components and solar power plant construction. [www.seia.org](http://www.seia.org)

C) Smart Grid/Advanced Battery/Energy Efficiency:

- $30 billion will be provided for such initiatives as a new, smart power grid, advanced battery technology, and energy efficiency measures. According to the fact sheet, 500,000 energy jobs will be created. *Source: Fact Sheet of Speaker Nancy Pelosi – Wall Street Journal*

D) Growing Energy Market

- The revenue for the energy management services market in North America in 2008 was $20.35 billion (USD) and is projected to double to over $40 billion (USD) by 2013 due to favorable new government legislations and increased knowledge about the benefits of energy management. *Source: Frost & Sullivan*
**Section Two: Salary Survey**

The information in this section is based on the salary survey conducted by the Association of Energy Engineers.

1. **Salary**
The salary is for full time employment and excludes bonus, overtime and fees from secondary employment. Salaries are effective as of January 1, 2009:

   ![Salary Distribution Graph]

   *Average salary was approximately: $95,864.75 USD*

2. **Bonus** - Bonuses received in by respondents:

   ![Bonus Distribution Graph]

   *Average additional income – bonus was approximately: $10,187.63 (USD)
3. Years of Experience of Energy Professionals

<table>
<thead>
<tr>
<th>Years</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5 Years</td>
<td>11%</td>
</tr>
<tr>
<td>6-10 Years</td>
<td>7%</td>
</tr>
<tr>
<td>11-15 Years</td>
<td>7%</td>
</tr>
<tr>
<td>16-20 Years</td>
<td>14%</td>
</tr>
<tr>
<td>21-25 Years</td>
<td>19%</td>
</tr>
<tr>
<td>26-30 Years</td>
<td>20%</td>
</tr>
<tr>
<td>31-35 Years</td>
<td>12%</td>
</tr>
<tr>
<td>Over 36 Years</td>
<td>10%</td>
</tr>
</tbody>
</table>

4. Locations of Employment

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>28%</td>
</tr>
<tr>
<td>Mid-Atlantic and Southeast</td>
<td>21%</td>
</tr>
<tr>
<td>Northern Mid-West</td>
<td>18%</td>
</tr>
<tr>
<td>Southern Mid-West</td>
<td>18%</td>
</tr>
<tr>
<td>West and Pacific Northwest</td>
<td>15%</td>
</tr>
</tbody>
</table>

Section Three: Employment Opportunities & Papers

The Association of Energy Engineers maintains a career web site detailing energy, green, sustainable and power positions and jobs available as well as a resume databank with individuals seeking employment. Details are indicated at [http://www.aeecenter.org/jobs](http://www.aeecenter.org/jobs)

There is also access to an energy industry dictionary of terms, free access to energy – green white papers, industry news portal, as well as professional reference books. [www.energyvortex.com](http://www.energyvortex.com)

Section Four: Training Opportunities

The Association of Energy Engineers offers a variety of professional training and re-training programs including:

- Training Seminars, Conferences & Industry Networking (Energy, Sustainability, Energy Auditing, Power, Green Facilities, Certification Programs)
  - [www.aeecenter.org/realtime](http://www.aeecenter.org/realtime) (Online training seminars)
  - [https://www.aeecenter.org/seminars/calendar.htm](https://www.aeecenter.org/seminars/calendar.htm) (Live seminar training)
  - [www.aeecenter.org/shows](http://www.aeecenter.org/shows) (Energy Industry Conferences & Networking Events)
Training Partnerships:
The Association of Energy Engineers is currently working with a cross-section of accredited institutions, organizations and Universities to over additional energy management, green, sustainable, renewables and industry training programs. Featured programs include:

UC DAVIS EXTENSION

The Association of Energy Engineers (AEE) has a Memorandum of Understanding with UC Davis University Extension (UCDE) to advance the knowledge and professionalism in the field of energy management. As an adjunct to the Certified Energy Manager (CEM®) and Business Energy Professional (BEP®) program AEE pleased to be an official sponsor of the U.C. Davis University Energy Resource Management Certificate program. This initiative aims at enhancing student's involvement and increases their role in the growing energy management discipline. The course will serve as a solid foundation for students to move towards obtaining their CEM or BEP Certification. For more information on the U.C. Davis certificate program CLICK HERE. UC Davis Extension is the professional and continuing education branch of UC Davis and is a link to the many resources students can only get from the University of California.

WILLIS COLLEGE OF BUSINESS AND TECHNOLOGY

The Clean Energy & Renewable Energy Project Feasibility Analysis Training Series. AEE is adding a series of nine courses focusing on Clean Energy/Renewable Energy Project Feasibility Analysis to its 24/7 Online Seminar Program via training partnership with Willis College. Included in each of these courses is an in-depth overview of relevant technologies and projects, system costs, implementation savings, and design considerations, as well as theory on using related tools to conduct a project feasibility analysis. To learn more about these courses click here.

AEE has teamed up with the University of Wisconsin -Madison Engineering Professional Development Department to offer Fundamentals of Lighting Efficiency training seminar on a real-time, online basis. Presented in a series of six two-hour time modules, this program is designed to provide comprehensive professional training in the design and application of energy-effective lighting systems, with emphasis on: Evaluating lighting systems through effective audits, Achieving energy-effective lighting systems with high regard to lighting quality and occupants, Examining the latest lighting products for your applications, Performing lighting calculations to obtain proper light levels, Evaluating and implementing effective lighting control strategies, Reviewing environmental impacts of lighting efficiency projects, Calculating and documenting savings achieved through lighting improvements, Assuring compliance with building energy codes, and Implementing effective lighting maintenance practices. For more information on this programs, please refer to online training here.
AEE Partners the Green Building Engineer Certification (GBE™) Program with US EPA ENERGY STAR Challenge. AEE's participation in the ENERGY STAR Challenge – Build a Better World 10% at a Time is a natural extension of AEE's efforts to encourage its members to reduce energy usage in buildings by 10% or more. AEE is committed to provide training and certification opportunities to help the profession meet the ENERGY STAR Challenge ahead. To find a Professional Engineer (P.E.) and/or GBE, please refer to EPA’s online directory: http://www.energystar.gov/index.cfm?fuseaction=PE_DIRECTORY

U.S. Green Building Council

The Association of Energy Engineers is a qualified education provider under the U.S. Green Building Council educational program and its programs are featured in the GREENBUILD 365 course catalogue. Whether you are a design, construction or real estate professional, an educator or student, or a LEED AP, Greenbuild365's rich variety of educational offerings will inform your journey from novice to expert and beyond. Information on a broad range of green building topics is available in formats tailored to your knowledge level and preferred learning style, whether you're looking for in-person interaction, online courses you can take in the comfort of your own home, or do-it-yourself research through an extensive online media library.

The Georgia Tech Enterprise Innovation Institute works with Georgia enterprises to help them compete nationally and internationally. By calling on the resources of Georgia Tech – one of the world’s leading engineering, technology and research universities – our team can keep you current with the leading research, methods, technology and more in your industry. The Certified Energy Manager (CEM) Program is recognized by the Georgia Tech Enterprise Innovation Institute and they have several faculty on staff with CEM Certification.
### Section Five: Green Jobs, Energy Jobs & Titles

There are many currently many “green collar” jobs which exist in the current marketplace. The job titles listed below are typical energy, sustainable, green, environmental and industry jobs based on the actual survey responses of AEE members and participants of AEE programs. These are some of the hot growth areas for professional entering or transitioning into the energy – green field.

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Manager/Executive</td>
<td>Application Engineer/Technician</td>
</tr>
<tr>
<td>Account Manager – Building Automation Systems Sales</td>
<td>Architect</td>
</tr>
<tr>
<td>Advisor for Management and Energy Agency Energy and Environmental Manager</td>
<td>Auditor</td>
</tr>
<tr>
<td>Application Engineer/Technician</td>
<td>Automated Controls Technician</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Column B</th>
<th>Column C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Automation Systems Engineer</td>
<td>Building Services Engineer</td>
</tr>
<tr>
<td>Building Consultant/Engineer</td>
<td>Business Development Manager</td>
</tr>
<tr>
<td>Building Control Specialist</td>
<td>Business Services Engineer</td>
</tr>
<tr>
<td>Building Energy Engineer</td>
<td>Business Unit Energy Services</td>
</tr>
<tr>
<td>Building Energy Analyst</td>
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<table>
<thead>
<tr>
<th>Column C</th>
<th>Column D</th>
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</thead>
<tbody>
<tr>
<td>Campus Energy Manager</td>
<td>Commercial Energy Management Consultant</td>
</tr>
<tr>
<td>Carbon Consultant</td>
<td>Commercial Commissioning Manager</td>
</tr>
<tr>
<td>Carbon Reduction Manager</td>
<td>Commercial Commissioning Engineer</td>
</tr>
<tr>
<td>Central Plant Engineering Manager</td>
<td>Commissioning Technician</td>
</tr>
<tr>
<td>Certified Energy Manager</td>
<td>Commercial/Industrial Services Manager</td>
</tr>
<tr>
<td>Certified Geothermal Designer</td>
<td>Compressed Air Specialist</td>
</tr>
<tr>
<td>Chief of Energy Engineering</td>
<td>Conservation Engineer</td>
</tr>
<tr>
<td>Certified Energy Auditor</td>
<td>Conservation Program Engineer</td>
</tr>
<tr>
<td>Chief Operations and Maintenance</td>
<td>Construction Manager</td>
</tr>
<tr>
<td>Chiller Team Manager</td>
<td>Construction Manager/Designer</td>
</tr>
<tr>
<td>Civil Engineer</td>
<td>Construction Project Manager</td>
</tr>
<tr>
<td>Climate Change Consultant</td>
<td>Construction Services Manager</td>
</tr>
<tr>
<td>Climate Initiative Program Director</td>
<td>Construction/Facilities Manager</td>
</tr>
<tr>
<td>Cogeneration Manager</td>
<td>Consultant</td>
</tr>
<tr>
<td>Command Utility Energy Engineer</td>
<td>Consulting Engineer</td>
</tr>
<tr>
<td>Commercial Engineering Manager</td>
<td>Controls and Commissioning Manager</td>
</tr>
<tr>
<td>Commercial and Industrial Energy Services Engineer</td>
<td>Controls and Energy</td>
</tr>
<tr>
<td></td>
<td>Controls Engineer</td>
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</tbody>
</table>
Controls Manager  
Controls Specialist  
Coordinator of Environmental Services  
Coordinator of Infrastructure  
Coordinator of Energy Management  
Coordinator of Residential Energy Programs  
Corporate Director Engineering and Construction  
Corporate Director of Energy Management  
Corporate Director of Energy and Environmental Services  
Corporate Director Plant Operations  
Corporate Energy Coordinator  
Corporate Energy Director  
Corporate Energy Management Leader  
Corporate Energy Manager  
Corporate Facilities/Energy manager  
Corporate Facilities Manager  
Corporate Facilities Engineer  
Corporate Manager of Building Operations  
Corporate Project Manager  
Corporate Utilities Manager  

Design Engineer  
Design Build/Energy Engineer  
Design Manager  
Design/Energy Engineer  
Development Engineer  
Distributed Energy Manager  
Distribution Standards Engineer  
Demand-Side Management Coordinator  
Demand-Side Management Engineer  
Demand-Side Management P&E Specialist  
Demand-Side Management Program Consultant  

Electric Engineering Officer  
Electric Meter Relay Technician  
Electric Utility Analyst  
Electric Utility Project Coordinator  
Electrical & Energy Manager  
Electrical & Instrument Engineer  
Electrical and Controls Engineer  
Electrical and Mechanical Engineer  
Electrical Consultant Engineer  
Electrical Coordinator  
Electrical Design Engineer  
Electrical Designer  
Electrical and Automation Engineer  
Electrical Engineer  
Energy Engineer  
Energy Manager  
Energy & Sustainability Program Manager  
Energy & Commissioning Engineer  
Energy & Environment Engineer  
Energy & Environmental Consultant  
Energy & Environmental Manager  
Energy & Sustainability Solutions Specialist  
Energy & Utilities Manager  
Energy & Water Resource Planner  
Energy Advisor  
Energy Analyst  
Energy Auditor  
Energy Balance Engineering  
Energy Conservation Advisor  
Energy Conservation Analyst  
Energy Conservation Consultant  
Energy Conservation Coordinator  
Energy Conservation Engineer  
Energy Conservation Manager  
Energy Conservation Program Manager
<table>
<thead>
<tr>
<th>Energy Conservation Technical Specialist</th>
<th>Energy Services Coordinator</th>
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<tbody>
<tr>
<td>Energy Coordinator</td>
<td>Energy Services Program Consultant</td>
</tr>
<tr>
<td>Energy Education Specialist</td>
<td>Energy Services Project Developer</td>
</tr>
<tr>
<td>Energy Efficiency Program</td>
<td>Energy Services Project Manager</td>
</tr>
<tr>
<td>Director/Engineer</td>
<td>Energy Services Representative</td>
</tr>
<tr>
<td>Energy Efficiency Consultant</td>
<td>Energy Services Specialist</td>
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<tr>
<td>Energy Efficiency Coordinator</td>
<td>Energy Services Supervisor</td>
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<tr>
<td>Energy Efficiency Engineer</td>
<td>Energy Solutions Analyst</td>
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<tr>
<td>Energy Efficiency Program Manager</td>
<td>Energy Solutions Consultant</td>
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<tr>
<td>Energy Efficiency Specialist</td>
<td>Energy Solutions Manager</td>
</tr>
<tr>
<td>Energy Efficiency Technician Instructor</td>
<td>Energy Specialist</td>
</tr>
<tr>
<td>Energy Facility Manager</td>
<td>Energy Supply Manager</td>
</tr>
<tr>
<td>Energy Information Manager</td>
<td>Energy Systems Engineer</td>
</tr>
<tr>
<td>Energy Management Analyst</td>
<td>Energy Technician</td>
</tr>
<tr>
<td>Energy Management Consultant</td>
<td>Energy Trader</td>
</tr>
<tr>
<td>Energy Management Engineer</td>
<td>Energy/Environmental Consultant</td>
</tr>
<tr>
<td>Energy Management Quality Consultant</td>
<td>Energy/Mechanical Manager</td>
</tr>
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<td>Energy Management Representative</td>
<td>Energy/Resource Conservation Program Manager</td>
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<td>Energy Management Specialist</td>
<td>Energy/Utilities Engineer</td>
</tr>
<tr>
<td>Energy Management/Environmental System Consultant</td>
<td>Energy/Utilities Manager</td>
</tr>
<tr>
<td>System Consultant</td>
<td>Engineer</td>
</tr>
<tr>
<td>Energy Manager</td>
<td>Engineering &amp; Environmental Services Engineer</td>
</tr>
<tr>
<td>Energy Performance Analyst</td>
<td>Engineering Analyst</td>
</tr>
<tr>
<td>Energy Plant Manager</td>
<td>Engineering and Design Supervisor</td>
</tr>
<tr>
<td>Energy Procurement Manager</td>
<td>Engineering Consultant</td>
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<tr>
<td>Energy Program Coordinator</td>
<td>Engineering Development Director</td>
</tr>
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<td>Energy Program Engineer</td>
<td>Engineering Director</td>
</tr>
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<td>Energy Program Manager</td>
<td>Engineering Manager</td>
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<tr>
<td>Energy Program Specialist</td>
<td>Engineering Specialist</td>
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<tr>
<td>Energy Programming Technician</td>
<td>Engineering Technician</td>
</tr>
<tr>
<td>Energy Project Development</td>
<td>Engineer – Load Management</td>
</tr>
<tr>
<td>Energy Project Engineer</td>
<td>Environmental Health, Safety &amp; Security Manager</td>
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<tr>
<td>Energy Project Manager</td>
<td>Environmental Solutions Manager</td>
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<tr>
<td>Energy Projects Specialist</td>
<td>Environmental &amp; Utilities Manager</td>
</tr>
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<td>Energy Resource Conservation Specialist</td>
<td>Environmental &amp; Energy Manager</td>
</tr>
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<td>Energy Resource Manager</td>
<td>Environmental Consultant</td>
</tr>
<tr>
<td>Energy Sales Consultant</td>
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<tr>
<td>Energy Scientist</td>
<td>Environmental Engineer</td>
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<tr>
<td>Energy Service Engineer</td>
<td>Environmental Health &amp; Safety Mgr.</td>
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<td>Energy Service Manager</td>
<td>Environmental Manager</td>
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<td>Energy Service Specialist</td>
<td>Environmental Program Manager</td>
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<tr>
<td>Energy Services Account Executive</td>
<td>Environmental Project Manager</td>
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<tr>
<td>Energy Services Advisor</td>
<td>Environmental Specialist</td>
</tr>
<tr>
<td>Energy Services Analyst</td>
<td>Equipment Engineer</td>
</tr>
</tbody>
</table>
Facilities & Compliance Analyst
Facilities & Maintenance Manager
Facilities and Construction Manager
Facilities Consultant
Facilities Coordinator
Facilities Design & Construction Supervisor
Facilities Design Engineer
Facilities Electrical Engineer
Facilities Electrical Systems Coordinator
Facilities Energy Engineer
Facilities Engineer
Facilities Environmental Manager
Facilities HVAC Engineer
Facilities Manager
Facilities Operations Manager
Facilities Performance Analyst
Facilities Plant Engineer
Facilities Project Manager
Facilities Systems Specialist
Facility Energy Conservation Manager
Field Engineer
Fuel Analyst

Gas & Energy Coordinator
Gas Management Service Analyst
Gas Supply & Technology Engineer
General Engineer
Geo-Exchange Designer
Geothermal Operations Manager
Geothermal Designer
Global Commodity Manager-Energy
Global Director Energy & Sustainability Services
Global Energy & Climate Change Program
Global Energy Director
Global Energy Manager
Global Energy Program Manager
Global Energy Solutions Manager
Global Environmental Engineer
Global Energy Manager
Green Building Engineer
Greenhouse Gas Lead Assessor

Health and Safety Manager
Health, Safety, and Environmental Manager
HVAC Design Engineer
HVAC Designer
HVAC Engineer
HVAC Facilities Manager
HVAC Services Manager
HVAC Systems Engineer
HVAC Technician
Hydro Geologist

Indoor Environmental Consultant
Industrial Engineer
Industrial Gas Engineer
Infrastructure Engineer
Installation Energy Manager
Installation Manager
Intelligent Building Specialist
LEED AP  Lighting Design Specialist
LEED Performance Assurance Engineer  Lighting Engineer
Lighting Consultant  Load Analyst

Maintenance Engineer  Mechanical Designer
Maintenance Manager  Mechanical Engineer
Maintenance Planner  Mechanical Operations Manager
Manager of Energy Initiatives  Mechanical Project Engineer
Measurement & Verification Engineer  Mechanical Systems Engineer
Measurement & Verification Specialist  Mechanical Utilities Engineer
Mechanical Design Engineer

National Energy Manager  National Energy Solutions Specialist
National Energy Services Manager

Operations & Energy Manager  Operations Engineer
Operations & Maintenance Engineer  Operations Manager
Operations Analyst

Performance Assurance Consultant  Power Plant Manager
Performance Assurance Engineer  Power Quality Engineer
Performance Assurance Specialist  Power Quality Specialist
Performance Contract Engineer  Power Resources Manager
Performance Contracting Energy Engineer  Power Systems Engineer
Performance Engineer  Power Utilization Engineer
Performance Manager  Power, Energy & Environmental Market Manager
Plant Engineer  Procurement Analyst
Plant Manager  Procurement Manager (Electric & Gas)
Pollution Prevention Engineer  Product Manager
Power Application Engineer  Product Manager – Energy
Power Management Applications Engineer  Production Engineer
Power Optimization Engineer  Professional Engineer
Program Analyst
Program Director
Program Director - Energy
Program Manager
Program Manager – Corporate Energy Services
Program Manager – Energy Services
Program Manager – Renewable Energy Project Analyst
Project Coordinator
Project Development Engineer

Project Developer
Project Director
Project Energy Engineer
Project Energy Manager
Project Engineer
Project Manager
Purchasing Director
Purchasing Manager
Purchasing Specialist

Quality Control Manager

Quality Engineer

Refrigeration Engineer
Reliability Engineer
Renewable Energy Business Manager
Renewable Energy Consultant

Resource Conservation Engineer
Resource Conservation Manager
Resource Efficiency Manager
Retro-commissioning Engineer

Safety & Environmental Coordinator
Shipboard Resource Efficiency Manager
Smart Grid Engineer
Solar Energy Engineer
Solar Energy Systems Designer
Solution Design Specialist
Solution Development Engineer
Staff Engineer
Staff Research Engineer
State Energy Manager
Storm water Planning & Engineer
Supervisor
Strategic Energy Analyst
Surveillance Coordinator, Work Control

Sustainable Development Professional
Sustainability Coordinator
Sustainability Engineer
Sustainability Leader
Sustainability Manager
Sustainable Building Analyst
Sustainable Building Technologist
Sustainable Design Specialist
Sustainable Development Coordinator
Sustainable Solutions Engineer
System Applications Engineer
System Control Operator
Systems Analyst
Systems Engineer

Technical Advisor
Technical Analyst
Technical Consultant
Technical Director
Technical Engineer

Technical Facilities Assistant
Technical Manager
Technical Solutions Engineer
Technical Specialist
Test and Balance Engineer
Utilities and Energy Director
Utilities Engineer
Utilities Manager

Utility Analyst
Utility Conservation Representative

Waste Reduction Consultant
Wastewater Engineer
Water & Energy Management Specialist
Wind Power Engineer

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