

## Digest of Green Reports and Studies

<b>Title</b>	<b><i>2009 Green Jobs: Survey of the Energy Industry</i></b>
<b>Author</b>	None
<b>Organization</b>	Association of Energy Engineers
<b>Author Contact</b>	None
<b>Publication Type</b>	Report – Results from Original Survey
<b>Publication Date</b>	2009
<b># of Pages</b>	15 pp
<b>URL</b>	<a href="http://www.aeecenter.org/shows/PDFs/Survey-GreenEnergyIndustry.pdf">http://www.aeecenter.org/shows/PDFs/Survey-GreenEnergyIndustry.pdf</a>
<b>Summary</b>	<p>This report presents the results of a survey conducted by the Association of Energy Engineers in 2009. The survey is based on data from 978 respondents, all of whom are members of the Association of Energy Engineers. The results are broken into 5 sections:</p> <ul style="list-style-type: none"> <li>• Green Job Survey Results</li> <li>• Salary Survey</li> <li>• Employment Opportunities and Papers</li> <li>• Training Opportunities</li> <li>• Green Jobs, Energy Jobs, and Titles</li> </ul> <p>The report also includes a detailed list of green collar jobs.</p>
<b>Key Findings</b>	<ul style="list-style-type: none"> <li>• “According to the Alliance to Save Energy (ASE), the energy efficiency measures (by the American Recovery and Reinvestment Act (ARRA) will create 100,000 or more new energy jobs in the next two years.”</li> <li>• According to those surveyed, the average salary in the energy industry is \$95,864.75, and the average bonus was \$10,187.63</li> <li>• The survey found that the area with the most employment for energy professionals is the Northeast with 28% of the jobs.</li> </ul>
<b>Recommendations</b>	None
<b>Definition of “Green”</b>	None
<b>Methodology</b>	Survey (978 respondents),
<b>Data Sources Cited</b>	None
<b>Report Geography</b>	United States
<b>Green Occupations Cited</b>	<ul style="list-style-type: none"> <li>• Account Manager/Executive</li> <li>• Account Manager – Building</li> <li>• Automation Systems Sales</li> <li>• Advisor for Management and Energy</li> <li>• Agency Energy and Environmental Manager</li> <li>• Application Engineer/Technician</li> <li>• Architect</li> <li>• Auditor</li> <li>• Automated Controls Technician</li> <li>• Building Automation Systems Engineer</li> <li>• Building Consultant/Engineer</li> <li>• Building Control Specialist</li> <li>• Building Energy Engineer</li> <li>• Building Energy Analyst</li> <li>• Building Services Engineer</li> <li>• Business Development Manager</li> <li>• Business Services Engineer</li> <li>• Business Unit Energy Services</li> <li>• Campus Energy Manager</li> <li>• Carbon Consultant</li> <li>• Carbon Reduction Manager</li> <li>• Central Plant Engineering Manager</li> <li>• Certified Energy Manager</li> <li>• Certified Geothermal Designer</li> <li>• Chief of Energy Engineering</li> <li>• Certified Energy Auditor</li> <li>• Chief Operations and Maintenance</li> <li>• Chiller Team Manager</li> </ul>

- Civil Engineer
- Climate Change Consultant
- Climate Initiative Program Director
- Cogeneration Manager
- Command Utility Energy Engineer
- Commercial Engineering Manager
- Commercial and Industrial Energy
- Services Engineer
- Commercial Energy Management
- Consultant
- Commissioning Manager
- Commissioning Engineer
- Commissioning Technician
- Commercial/Industrial Services Manager
- Compressed Air Specialist
- Conservation Engineer
- Conservation Program Engineer
- Construction Manager
- Construction Manager/Designer
- Construction Project Manager
- Construction Services Manager
- Construction/Facilities Manager
- Consultant
- Consulting Engineer
- Controls and Commissioning Manager
- Controls and Energy
- Controls Engineer
- 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
- Energy Conservation Technical
- Specialist
- Energy Coordinator
- Energy Education Specialist
- Energy Efficiency Program
- Director/Engineer
- Energy Efficiency Consultant
- Energy Efficiency Coordinator
- Energy Efficiency Engineer
- Energy Efficiency Program Manager
- Energy Efficiency Specialist
- Energy Efficiency Technician Instructor
- Energy Facility Manager
- Energy Information Manager
- Energy Management Analyst
- Energy Management Consultant
- Energy Management Engineer
- Energy Management Quality Consultant
- Energy Management Representative
- Energy Management Specialist
- Energy Management/Environmental
- System Consultant

- Energy Manager
- Energy Performance Analyst
- Energy Plant Manager
- Energy Procurement Manager
- Energy Program Coordinator
- Energy Program Engineer
- Energy Program Manager
- Energy Program Specialist
- Energy Programming Technician
- Energy Project Development
- Energy Project Engineer
- Energy Project Manager
- Energy Projects Specialist
- Energy Resource Conservation Specialist
- Energy Resource Manager
- Energy Sales Consultant
- Energy Scientist
- Energy Service Engineer
- Energy Service Manager
- Energy Service Specialist
- Energy Services Account Executive
- Energy Services Advisor
- Energy Services Analyst
- Energy Services Coordinator
- Energy Services Program Consultant
- Energy Services Project Developer
- Energy Services Project Manager
- Energy Services Representative
- Energy Services Specialist
- Energy Services Supervisor
- Energy Solutions Analyst
- Energy Solutions Consultant
- Energy Solutions Manager
- Energy Specialist
- Energy Supply Manager
- Energy Systems Engineer
- Energy Technician
- Energy Trader
- Energy/Environmental Consultant
- Energy/Mechanical Manager
- Energy/Resource Conservation Program Manager
- Energy/Utilities Engineer
- Energy/Utilities Manager
- Engineer
- Engineering & Environmental Services
- Engineering Analyst
- Engineering and Design Supervisor
- Engineering Consultant
- Engineering Development Director
- Engineering Director
- Engineering Manager
- Engineering Specialist
- Engineering Technician
- Engineer – Load Management
- Environmental Health, Safety & Security Manager
- Environmental Solutions Manager
- Environmental & Utilities Manager
- Environmental & Energy Manager
- Environmental Consultant

- Environmental Director
- Environmental Engineer
- Environmental Health & Safety Mgr.
- Environmental Manager
- Environmental Program Manager
- Environmental Project Manager
- Environmental Specialist
- Equipment Engineer
- 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
- Global Director – Energy & Plant
- 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
- LEED Performance Assurance Engineer
- Lighting Consultant
- Lighting Design Specialist
- Lighting Engineer
- Load Analyst
- Maintenance Engineer
- Maintenance Manager
- Maintenance Planner
- Manager of Energy Initiatives
- Measurement & Verification Engineer
- Measurement & Verification Specialist
- Mechanical Design Engineer
- Mechanical Designer
- Mechanical Engineer
- Mechanical Operations Manager
- Mechanical Project Engineer
- Mechanical Systems Engineer
- Mechanical Utilities Engineer
- National Energy Manager
- National Energy Services Manager
- National Energy Solutions Specialist
- Operations & Energy Manager
- Operations & Maintenance Engineer
- Operations Analyst
- Operations Engineer
- Operations Manager
- Performance Assurance Consultant
- Performance Assurance Engineer
- Performance Assurance Specialist
- Performance Contract Engineer
- Performance Contracting Energy  
Engineer
- Performance Engineer
- Performance Manager
- Plant Engineer
- Plant Manager
- Pollution Prevention Engineer
- Power Application Engineer
- Power Management Applications  
Engineer
- Power Optimization Engineer
- Power Plant Manager
- Power Quality Engineer
- Power Quality Specialist
- Power Resources Manager
- Power Systems Engineer
- Power Utilization Engineer
- Power, Energy & Environmental Market  
Manager
- Procurement Analyst
- Procurement Manager (Electric & Gas)
- Product Manager
- Product Manager – Energy

- Production 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

	<ul style="list-style-type: none"> <li>• Technical Consultant</li> <li>• Technical Director</li> <li>• Technical Engineer</li> <li>• Technical Facilities Assistant</li> <li>• Technical Manager</li> <li>• Technical Solutions Engineer</li> <li>• Technical Specialist</li> <li>• Test and Balance Engineer</li> <li>• Utilities and Energy Director</li> <li>• Utilities Engineer</li> <li>• Utilities Manager</li> <li>• Utility Analyst</li> <li>• Utility Conservation Representative</li> <li>• Waste Reduction Consultant</li> <li>• Wastewater Engineer</li> <li>• Water &amp; Energy Management Specialist</li> <li>• Wind Power Engineer</li> </ul>
<b>Green Industries Cited</b>	Energy industry
<b>Keywords</b>	Energy efficiency; State energy programs.
<b>Legislation Cited</b>	American Recovery and Reinvestment Act (ARRA),
<b>Bibliography (Y/N)</b>	N
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*NOTE: This Digest is provided for information purposes only. Employment Development Department does not necessarily endorse any of these reports or publications.*