

Get into Energy Careers

GET INTO ELECTRIC POWER



More than six million Americans work in energy careers that power our country and our lives. They transform things like natural gas, coal, uranium, water, sun and wind into energy. This essential work requires a multitude of competencies and expertise from a skilled, diverse workforce.

One in every 20 jobs in America depends on the electric power industry. Each job directly provided by the electric power industry supports an additional 1.7 jobs throughout U.S. communities.

ELECTRIC POWER EMPLOYERS SEEK THOSE TO SUPPORT TRADITIONAL INFRASTRUCTURE AND DRIVE NEXT-GENERATION INNOVATION.

- The electric power industry is the most capital-intensive industry in the United States, investing more than \$120 billion per year to build smarter, cleaner, and more resilient energy infrastructure.
- Innovators are needed for critical thinking about new ways to produce, capture, store, and preserve energy.
- Utilities, one of the most visible and essential components of the energy sector, expect to fill 215,000 positions over the next three years.
- The demand for a workforce to drive the future of renewable energy has never been greater. Over the past 10 years, more than half of new electricity generation capacity was wind and solar.
- There is a growing need for a workforce to support the infrastructure of operation for electric vehicles and energy storage.
- Engineers and operations professionals are needed to ensure the nation's sophisticated energy grid is protected from natural events—such as severe storms—and by malicious events, such as cyber and physical attacks.

BENEFITS OF CAREERS IN THE ELECTRIC POWER INDUSTRY

- Strong compensation, the median annual compensation for electric power employees is \$75,000—almost double the national median
- Comprehensive health care coverage and retirement savings plans
- Career options for those with college degrees and those who prefer to learn on-the-job
- Advancement opportunities, including into leadership roles
- Opportunity to serve the local community
- Career stability, as employees typically work in the industry on average for more than 15 years, in careers that support their families and anchor them in their communities

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For more information, visit [GetIntoEnergy.com](https://www.getintoenergy.com)

WHAT KINDS OF JOBS EXIST IN THE ELECTRIC POWER INDUSTRY?

| SKILLED TRADES | ENGINEERING & TECHNICAL OPERATIONS | BUSINESS & PROFESSIONAL POSITIONS |
|---|-------------------------------------|-----------------------------------|
| Line Workers | Electrical Engineers | Accountants |
| Substation Technicians | Mechanical Engineers | Safety and Health Professionals |
| Electricians | Civil Engineers | Human Resource Professionals |
| Fleet Mechanics | Chemical Engineers | DE&I Specialists |
| Construction Managers | Computer Engineers | Lawyers |
| Generation, Transmission and Distribution Operators | Industrial Engineers | Communications Specialists |
| Distribution Automation Technicians | Electric Vehicle Program Managers | Real Estate Professionals |
| Renewable Energy Technicians | Environmental Managers | Customer Service Agents |
| Surveyors | Robotic Process Animation Designers | Procurement Specialists |
| Project Design Technicians | IT and Cyber Security Specialists | Materials Handlers |
| Welders | Plant Operators | Account Executives |

GET STARTED IN AN ELECTRIC POWER CAREER

There are many paths to a rewarding electric power career. Formal training in engineering, accounting, math, construction principles and communications can be helpful.

Additionally, energy career paths begin with:

- Certificate programs for skilled trades positions at local community colleges
- Industry apprenticeships that offer earn and learn opportunities

Today, the electric power industry continues to focus on new ways to produce and deliver clean energy. Jobs that will be of critical importance tomorrow, do not even exist today.

Thank you to the Edison Electric Institute and National Rural Electric Cooperative Association for sharing data about electric energy careers.



For more information, visit [GetIntoEnergy.com](https://www.getintoenergy.com)



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