

GET INTO ENERGY CAREER PATHWAYS



**START
HERE**

**HIGH SCHOOL
DIPLOMA OR GED**

Lineworkers: Putting STEM to Work™

EARN CREDENTIALS:

- National Career Readiness Certificate
- Energy Employability Skills Certificate
- Industry Fundamentals Certificate
- Lineworker Boot Camp (for Credit)

LEARN MORE / EARN MORE

Pass Pre-Employment Tests and Become a
LINE HELPER

EDUCATIONAL OPPORTUNITIES FOR ADVANCEMENT

- Apprenticeship (for College Credit)**
- Experience in Position

1-5 YEARS*

APPRENTICE
(\$33,000)

- Associate's Degree
- Long-Term On-the-Job Training

3-6 YEARS*

LINEWORKER
(\$57,000)

- Long-Term On-the-Job Training
- Experience in Position

6-8 YEARS*

SENIOR-LEVEL CREW LEADER
(\$79,000)

- Bachelor's Degree
- Long-Term On-the-Job Training

8+ YEARS*

SUPERVISOR
(\$85,000)

STEM = Science, Technology, Engineering, and Math

* Dependent on company requirements



LINE WORKER: What will you do?

What competencies will you need? (built on energy foundational competencies—incremental as career advances)

Note: Most utilities use a pre-employment test—to pass you will need math, communications, problem solving, and mechanical reasoning skills.

STARTING OFF AS A LINE HELPER:

- Provide assistance to line crew by providing tools and equipment
- Make work area safe
- Drive equipment to job site

- Teamwork
- Be comfortable with heights
- Able to drive heavy commercial vehicles
- Able to lift 75 lbs
- Listen and follow directions
- Come to work on time

APPRENTICESHIP TRAINING COMPONENTS:

- Alternating Current / Direct Current
- Pole climbing
- Stringing cable
- Installing transformers and other pole top equipment

- Apply knowledge learned during training to work environment

LINEWORKER:

- Install equipment on poles
- Climb poles
- Identify defective devices such as fuses, switches, and wires
- Lay underground cable
- Inspect and test power lines

- Define how the various parts of systems interact (e.g., parts of the distribution systems) and diagnose the effect on the system of changes or malfunctions in its parts
- Solve problems involving limited options by applying common sense understandings such as selecting the correct cutting tool or proper gauge of wire for a job
- Listen to and understand customer needs
- Be able to stand for long periods of time
- Understand mechanical relationships in practical situations such as understanding leverage, how pulleys work, and the direction gear arrangements turn
- Visualize length, width, thickness, height, or depth and the differences among shapes, widths, or lengths

SENIOR-LEVEL CREW LEADERS:

- Supervise crew members
- Determine schedules and work activities
- Check for unsafe work conditions
- Communicate with customers
- Install equipment on poles
- Climb poles
- Identify defective devices such as fuses, switches, & wires
- Lay underground cable
- Inspect and test power lines

- Handle customer concerns and issues
- Assign priority or sequence to the steps for completing a job
- Coordinate several competing activities for efficient use of time and material
- Adapt work procedures or priorities in response to changing or unforeseen requirements or conditions

SUPERVISOR:

- Schedule and oversee work of line crews
- Review crew member performance and provide feedback

- Financial management
- Computer skills for report preparation
- People management



ENERGY INDUSTRY COMPETENCY MODEL



Energy industry careers offer:

- Excellent salaries
- Job growth & stability
- Great benefits
- Opportunities for advancement
- Community service

Where can I find training?

Go to the Get Into Energy web site at www.getintoenergy.com/careers.php and check "Training Programs and Work-Based Training."

Where can I find a job?

Go to the Get Into Energy web site at www.getintoenergy.com/careers.php and check "Featured Employers."