

# Career Pathway Spotlight: Discover a Career as a Wind Technician

Discover your career path in the energy industry and learn where your interests will take you. Explore the meaningful work in which you can immerse yourself, set your sights on what you can learn and the increasing responsibilities that can be yours. See how you will be challenged and what will you accomplish.

**START HERE**

**HIGH SCHOOL  
DIPLOMA OR GED**

## **BENEFICIAL CREDENTIALS**

- 2-year Degree Electrical-Mechanical Training
- BZEE Wind Technician Certification(s)
- Lockout-Tagout Certification

## **LEARN MORE/EARN MORE**

### **Educational Opportunities for Advancement**

**AVERAGE EARNING POTENTIAL:  
\$40,490 - \$83,580 PER YEAR\***

**0-2  
YEARS\***

**ENTRY-LEVEL  
WIND TECHNICIAN**

- On-the-job training

**1-3  
YEARS\***

**WIND TECHNICIAN**

- 2-Year Electrical-Mechanical Degree
- On-the-job training

**2-4  
YEARS\***

**LEAD WIND  
TECHNICIAN**

- Wind Technician Certification
- Experience in the position

**5+  
YEARS\***

**WIND TURBINE  
PLANT MANAGER**

- Bachelor's Degree or Associate Degree plus experience
- Experience in the position



\*Compensation averages should be used as a guide. There are numerous factors that impact actual compensation. These estimates do not include over-time, which can be a sizeable addition to base pay. Years of service and training recommendations should also be used as a guide. Company requirements vary.

Note: Some energy companies may require pre-employment testing. Please check the job requirements. This may include a physical abilities test.



# Become a Wind Technician



## STARTING OFF AS AN ENTRY-LEVEL WIND TECHNICIAN:

### What will you do?

- Demonstrate a passion for working safely
- Under direct supervision, perform maintenance, repair, and operational activities on wind turbine generators
- Assist in troubleshooting wind turbines in a faulted state
- Effectively communicate with all members of the team
- Conduct oneself in a professional manner ensuring all policies and procedures are adhered to

### What knowledge/skills/abilities will you need?

- Ability to climb wind turbine towers 300 feet in height
- Comfortable working at heights, lifting 50 lbs. above head, and meeting the weight requirement of safety gear
- Strong computer skills and familiarity with Microsoft Office suite
- Ability to work in outdoor environments

## WIND TECHNICIAN:

### What will you do?

- Perform scheduled maintenance of wind turbines
- Troubleshoot mechanical, hydraulic, or electrical malfunctions
- Climb multiple wind towers on a daily basis
- Utilize SCADA to support required work
- Perform data collection and prepare reports
- Perform QA/QC inspections

### What knowledge/skills/abilities will you need?

- A proficient understanding of wind power related systems, including, but not limited to, pneumatics, hydraulics, gearboxes, electrical, mechanical, and power plant systems
- Ability to read, interpret and understand drawings and schematics
- Good interpersonal skills
- Strong attention to detail
- Proven problem solving and time management skills
- Able to optimally collaborate

## LEAD WIND TECHNICIAN\*:

### What will you do?

- Be responsible for daily operations and maintenance of wind turbines
- Train and instruct Tech I and Tech II employees on-site
- Climb multiple wind towers on a daily basis
- Inspect, troubleshoot, or repair turbine equipment
- Perform routine maintenance on wind turbines
- Test electrical, mechanical, and hydraulic systems

\*At some companies this is an entry-level position

## What knowledge/skills/abilities will you need?

- Demonstrate safety as a top priority
- Ability to professionally interact with customers and coworkers
- Demonstrate expert level skills
- Ability to be a mentor
- Be able to work in a wide range of climates

## WIND TURBINE PLANT MANAGER:

### What will you do?

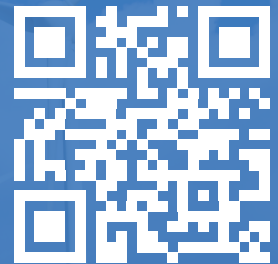
- Manage/supervise contractors and employees
- Establish a high standard of safety for the site
- Manage approved projects and oversee project completion.
- Provide guidance and oversight in troubleshooting and repairing turbine platforms
- Perform audits of maintenance activities
- Identify and develop site procedures, site policies, technician training needs, safety programs, and work practices

## What knowledge/skills/abilities will you need?

- Bachelor's Degree in Electrical or Mechanical Engineering and experience
- Project management/supervisory skills
- Excellent communication, organization & time management skills
- Proficiency in SCADA systems and Microsoft Office suite
- Ability to climb wind turbine towers 300 feet in height

## ENERGY INDUSTRY CAREERS OFFER:

- Excellent salaries
- Opportunities for advancement
- Job growth & stability
- Professional development and training
- Great benefits



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