

Wind Turbine Technician

Climb 250 feet up a tower and fix the machine at the top. One of the fastest growing jobs in the country, and not for anyone afraid of heights.

TYPICAL PAY

\$64,120

a year, full time

PAY RANGE

\$49k to \$92k

starting to experienced

TIME TO QUALIFY

up to 2 years

after high school

DEMAND

Very high

job outlook

LICENCE NEEDED

No

anyone can do it

WHERE YOU WORK

**Wind farms, turbine nacelles
hundreds of feet up, service truck...**

How you get there

- 1 High school diploma or equivalent** Grade 12
Physics, math and shop class. Get comfortable at height and in confined spaces before you commit to this.
- 2 Wind energy technology program** 1 to 2 years
A one-year certificate or two-year associate degree at a technical or community college, covering electrical systems, hydraulics, mechanical drives and safety.
- 3 Safety and rescue training** 1 to 2 weeks
Tower climbing, fall protection, first aid and rescuing an injured coworker from inside a turbine. Usually the employer runs it.
- 4 First job on a site** 1 to 3 years
Scheduled maintenance on a fleet of turbines, working in a pair, learning the fault codes and the machines.
- 5 Lead, travel or specialize** 3 to 8 years
Site lead, traveling repair crew, blade technician, commissioning technician, or offshore.

Pros and cons

- + A year of training to nearly \$50,000, with little or no debt
- + Projected to grow rapidly, with employers actively short of people
- + Work outdoors with a view nobody else at your school has
- Heights, confined spaces and high voltage, every single day
- Jobs are in rural wind country, not in cities
- On-call nights and weather that cancels your plans

Optional boosts

High-voltage and electrical training. Blade repair. Commissioning. Offshore certification.

Where these numbers come from

My Next Move: Wind Turbine Service Technicians (49-9081.00)
American Clean Power Association: industry and jobs figures
Texas State Technical College, which runs a wind energy technology program
Apprenticeship.gov, the federal apprenticeship finder

Numbers checked September 2026. Pay figures are typical full-time annual amounts in United States dollars, based on Bureau of Labor Statistics wage data and published pay scales. They vary by state, employer and experience. Tuition is for in-state students at public schools unless the card says otherwise. Sources, links and the click-through version: <https://career.help/us/careers/wind-turbine-technician>

Good to know

Wind and solar are a fifth of the power supply

The clean power industry group reports that wind and solar together supply about 19% of United States electricity, and that the sector directly employs more than 437,000 people across all 50 states. Tho...

The ladder is the commute

Most turbines are climbed from the inside on a vertical ladder, with a fall arrest system and often a climb-assist winch. Some have a small service lift, many do not. Either way, you are carrying your tools up wi...



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