

Wind Turbine Service Technicians

49-9081.00



Description: Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Field Service Technician, Renewable Energy Technician, Service Technician

Job Zone

Title: 3 - Medium Preparation Needed

Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

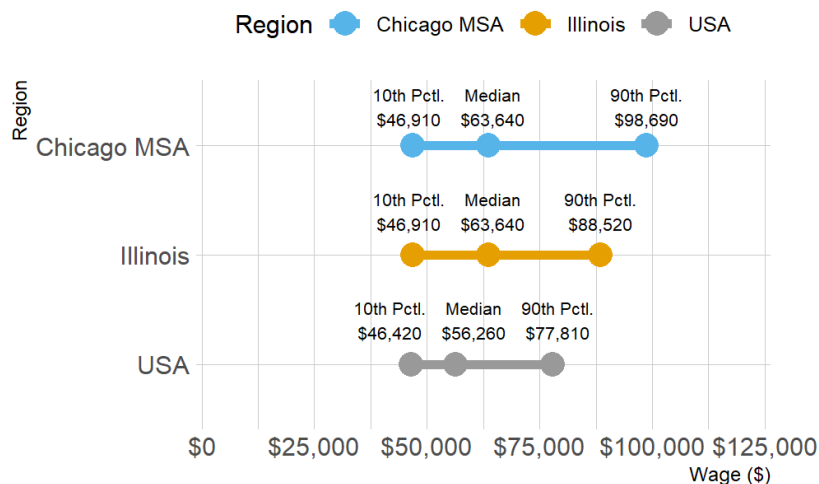
Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: Small Wind Associate

Hot Technologies: Microsoft Office Suite, SAP business and customer relations management software, Supervisory control and data acquisition SCADA software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	200	0.67	\$63,640
Illinois	350	0.86	\$63,640
USA	10,100	—	\$56,260



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Troubleshoot or repair mechanical, hydraulic, or electrical malfunctions related to variable pitch systems, variable speed control systems, converter systems, or related components.	Daily	95
Perform routine maintenance on wind turbine equipment, underground transmission systems, wind fields substations, or fiber optic sensing and control systems.	Daily	92
Diagnose problems involving wind turbine generators or control systems.	Daily	91
Test electrical components of wind systems with devices, such as voltage testers, multimeters, oscilloscopes, infrared testers, or fiber optic equipment.	Daily	91
Climb wind turbine towers to inspect, maintain, or repair equipment.	Several times daily	90