

CARPENTERS

Energy Efficiency Projects: Install insulation sealing to prevent air leakage, install reflective insulation, install heat pump units, and modify structural frameworks for solar panels/HVAC systems

Renewable Power Generation: Create foundational support for ground-mounted solar systems, install frames and racking structures for solar arrays, install PV module connecting hardware

Wind Energy: Set up foundations including monopiles for offshore wind projects, foundation pedestals and cages

Energy Storage: Install concrete pads for batteries with precision leveling



TRAINING & LICENSING

No state license required

Required Knowledge: building and energy codes, LEED standards, solar-specific tools, basic electricity for PV integration

Maine Training Providers:

- Maine Adult Education Providers
- Maine Career & Technical Education
- Maine Community College System
- 13 Registered Apprenticeship programs, and counting
- Union Training: Carpenters Local 349 and 352 via North Atlantic States Carpenters Training Fund
- Construction Industry Associations

Typical Training: Few months to 1 year through community college, technical school, or on-the-job training

CERTIFICATIONS

Core Certifications

- OSHA 10
- Driver's License
- NCCER Certification

Clean Energy Certifications

- **LEED Green Associate:** Green building principles (15 continuing education hrs/2 yrs)
- **Passive House Tradesperson:** Energy-efficient building design principles
- **BPI Certifications:** Building Science Principles, Total Building Performance

DEMAND	
METRIC	MAINE
Total Employment (2022)	7,679
Clean Energy Employment (2022)	126
Annual Openings	573
Projected Growth (2022-2032)	43.9%
Projected CE Jobs Added	293
WAGES	
10TH PERCENTILE	\$44,530 (vs. \$31,620 all occupations)
MEDIAN	\$54,920 (15% above state average; exceeds living wage)
90TH PERCENTILE	\$67,240

Learn more at
[MAINECLEANENERGYJOBS.COM](https://www.maineCleanEnergyJobs.com)