

MAINE CLEAN ENERGY

JOBS NETWORK

PLUMBERS, PIPEFITTERS, & STEAMFITTERS

Energy-Efficient Systems: Install/maintain heat pump water heaters, solar thermal water heaters, low-flow toilets/faucets

Hot Water Distribution: Install insulation on pipes to reduce heat loss

Renewable Integration: Integrate solar thermal, geothermal energy, heat pump hot water heaters into plumbing systems

Tankless Water Heater Expertise: Calculate fuel demand, evaluate gas/electrical supply infrastructure, perform precise wall-mounted installations

Advanced Technologies: Work with monitoring and control systems, read data, integrate IoT devices, make energy-efficient recommendations

Material Selection: Expertise in durable, low-impact, advanced materials



TRAINING & LICENSING

Required State Licensing (4 levels)

- **Trainee Plumber:** Entry level
- **Journeyman-in-Training:** Requires community college/CTE program completion
- **Journeyman Plumber:** 2 years/4,000 hours OR 2,000 hours as Journeyman-in-Training
- **Master Plumber:** Minimum 6,000 hours (2 pathways)

Maine Training Providers:

- Maine Career & Technical Education
- Maine Community College System
- 8 Registered Apprenticeship programs
- Union Training: UA Local 716 (5-year program for Journeyman license)
- Employer-sponsored programs
- Construction Industry Associations

Note: Classroom instruction not commonly required (except for Journeyman-in-Training)

CERTIFICATIONS

Core Certifications

- OSHA 10
- Driver's License
- NCCER

Clean Energy Certifications

- **LEED Green Associate:** Green building principles
- **Solar Heating Installer (SHI):** NABCEP certification for solar heating plumbing components (1 year experience + exam)
- **Energy Efficiency Practitioner (EEP™):** Entry-level energy efficiency best practices (AEE; requires degree/experience + training + exam)

DEMAND

METRIC	MAINE
Total Employment (2022)	2,668
Clean Energy Employment (2022)	293
Annual Openings	219
Projected Growth (2022-2032)	14% (CE)
Projected CE Jobs Added	539

WAGES

10TH PERCENTILE	\$41,500 (vs. \$31,620 all occupations)
MEDIAN	\$61,580 (29% above state average; exceeds living wage for 2 child families)
90TH PERCENTILE	\$75,410



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