

MAINE CLEAN ENERGY

JOBS NETWORK

HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS

Energy Efficiency: Install/maintain high-efficiency HVAC systems, heat pumps, solar-powered HVAC, geothermal systems

Heat Pump Expertise: Install mini-split heat pumps, upgrade circuitry, handle complex control systems vs. standard HVAC

Advanced Technologies: Work with eco-friendly refrigerants (EPA 608 required), smart technology integration, IoT devices, digital diagnostics

Energy Auditing: Conduct audits, identify inefficiencies, consult on cleaner heating and cooling solutions

Geothermal Systems: Understand loop types, piping networks, thermodynamics, heat transfer, diverse equipment



TRAINING & LICENSING

Specialized licenses required (for oil, propane, natural gas work; \$50-\$200, 2-year terms)

No specific heat pump license required

Maine Training Providers:

- Maine Adult Education Providers
- Maine Career & Technical Education
- Maine Community College System (5 campuses across Maine)
- MEMA Technical Education Center
- Northeast Technical Institute
- 8 Registered Apprenticeship programs
- Union Training: UA Local 716 (5-year program)
- Efficiency Maine-approved programs
- Construction Industry Associations

CERTIFICATIONS

Core Certifications

- OSHA 10
- Driver's License
- EPA 608 for refrigerant handling
- HAZMAT
- Certified EST
- NCCER

Clean Energy Certifications

- **Efficiency Maine Heat Pump Installer:** 40-hour program, required for rebates/financing (9 providers statewide)
- **LEED Green Associate:** Green building principles
- **NATE Professional:** Low-GWP refrigerants, ground source heat pump, efficiency analysis
- **ESCO Specialty:** System performance, heat load analysis, energy auditing

DEMAND

METRIC	MAINE
Total Employment (2022)	2,168
Clean Energy Employment (2022)	1,061 (49%)
Annual Openings	175
Projected Growth (2022-2032)	3.6% (CE)
Projected CE Jobs Added	1,738

WAGES

10TH PERCENTILE	\$40,930 (vs. \$31,620 all occupations)
MEDIAN	\$57,160 (20% above state average; exceeds living wage for 1 child families)
90TH PERCENTILE	\$73,980



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