



GOVERNOR'S Energy Office

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Maine's Climate and Clean Energy Targets:

**REDUCE
GREENHOUSE
GAS EMISSIONS**

45%

BELOW 1990 LEVELS
BY 2030

80%

BELOW 1990 LEVELS
BY 2050

**TRANSITION TO
CLEAN ENERGY**

80%

RENEWABLE BY 2030

100%

CLEAN BY 2040

**ACHIEVE CARBON
NEUTRALITY**

2045

**CREATE CLEAN
ENERGY JOBS**

30,000

BY 2030

Maine Energy Policy Requirements

• Renewable Portfolio Standard



- 80% of electricity delivered in Maine to be renewable by 2030
- Supports hydroelectric, biomass, tidal, waste-to-energy, wind, and solar
- Targeted support for new and existing resources including solar, wind, biomass, hydro, and wood-fired CHP

• Offshore Wind



- Goal of 3,000 megawatts from the Gulf of Maine by 2040
- GEO to establish procurement schedule and process with stakeholder input

• Energy Storage



- Goal of 400 megawatts by 2030
- GEO to develop procurement program for up to 200 megawatts

• Solar



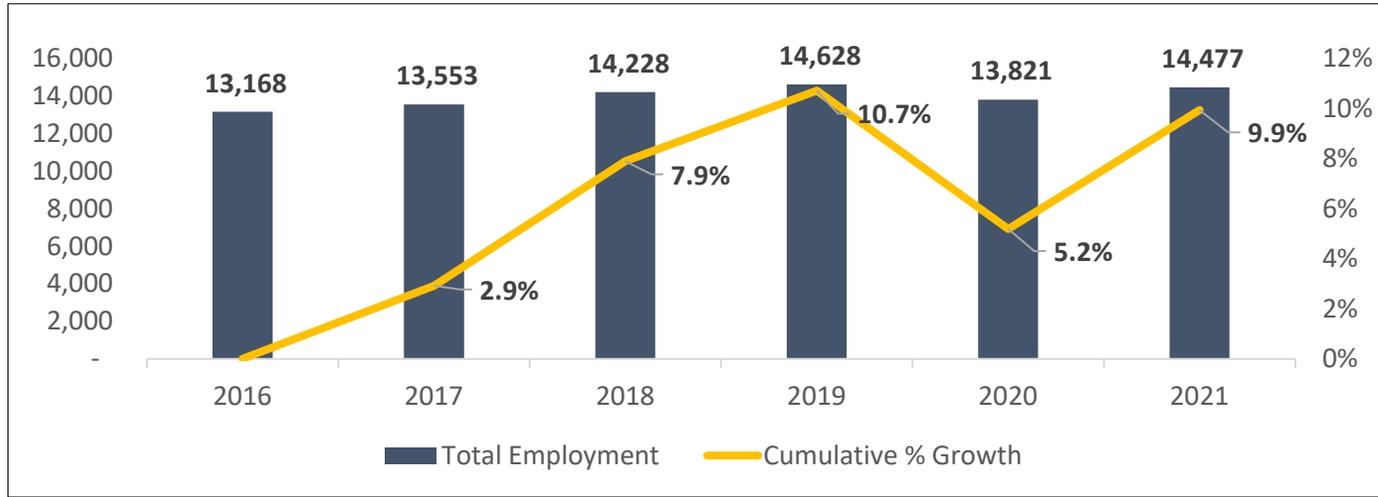
- Goal of 750 megawatts of distributed generation
- GEO to implement distributed solar and storage program
- Targeted procurement for solar on contaminated lands

• Electrification

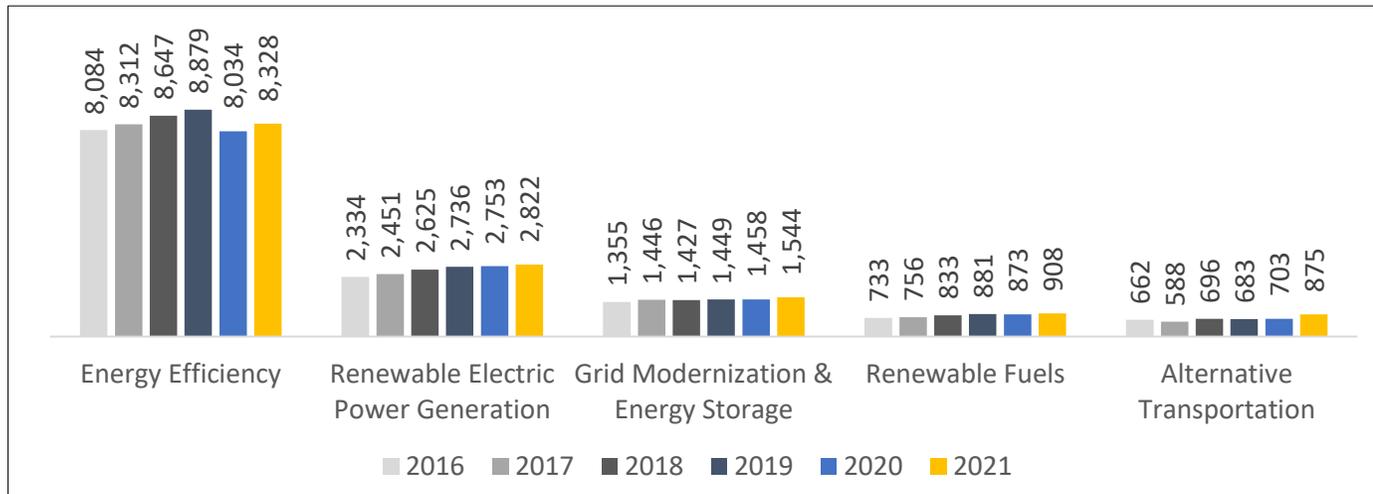


- Oil dependence reduction
- Electrification of heating and transportation to achieve emissions reduction requirements

Clean Energy Workforce



14,477
**Clean Energy
 Workers in 2021**



5%
+656 jobs
**Job Growth from
 2020 - 2021**



Clean Energy Workforce Development

Supported by funding from the **Maine Jobs & Recovery Plan**, Maine is investing in diverse set of workforce programs supporting the energy transition:

- **No-cost workforce training courses** in heat pump installation, weatherization, solar installation, and EV service & repair at Maine's Community College System
- **Apprenticeship and pre-apprenticeship** opportunities in clean energy careers through Maine AFL-CIO, Associated General Contractors of Maine, Portland Adult Education, ReVision Energy, and more
- **Program and equipment upgrades** to train high school and community college students on EV and other clean energy technology service and repair
- **Clean energy internships** for Maine college students and residents, including wraparound support services



In April, First Lady Jill Biden visited Southern Maine Community College to highlight the college's workforce training programs and the state's investment in free community college.

Photos: SMCC (Top), Portland Press Herald (Bottom)



A scenic landscape of a lake and forested hills under a cloudy sky. The foreground shows a large body of water surrounded by dense green forests. In the background, more hills and a distant coastline are visible under a sky filled with soft, white clouds. A large, semi-transparent white box with a thin orange border is centered in the upper half of the image, containing the text.

Thank You

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