

A FOUR-YEAR PLAN FOR CLIMATE ACTION



MAINE

WON'T WAIT

DECEMBER 2020

MAINE CLIMATE COUNCIL



A Hotter Future Is Certain, Climate Panel Warns. But How Hot Is Up to Us.

- Nations have delayed curbing emissions for so long that global warming will inevitably intensify over the next 30 years, a major U.N. report found.
- There is a short window to avoid the most harrowing future, the report said. Doing so would require a coordinated international effort starting immediately.



David Swanson/Pantare





WHAT IS THE MAINE CLIMATE COUNCIL?

Maine Climate Council

The **39-member Maine Climate Council**, an assembly of scientists, industry leaders, bipartisan local and state officials, is responsible for **developing Climate Action Plans** for Maine every four years.

Six working groups comprised of 230+ volunteer members recommend strategies to the Council.

An expert **Scientific and Technical Subcommittee** is responsible for identifying the impacts of climate change in Maine.



CLIMATE COUNCIL GOALS



12.01.20
Climate Action Plan
Delivered



ACHIEVE STATE
CARBON NEUTRALITY BY
2045

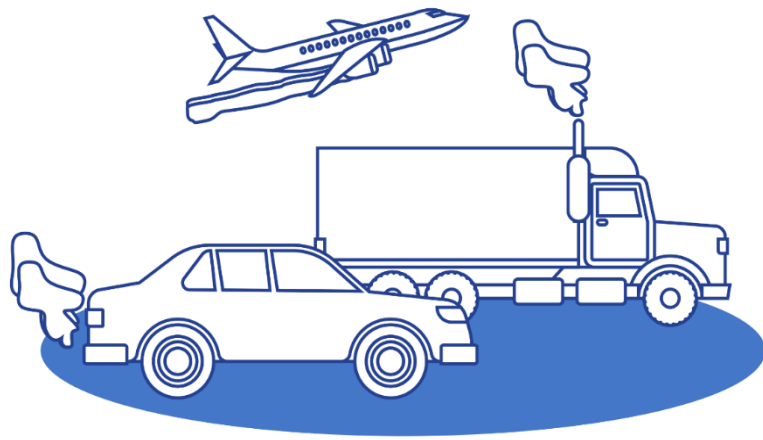
REDUCE MAINE'S GREENHOUSE GAS EMISSIONS
BY TARGETS OUTLINED IN STATE LAW

45%
BELOW 1990 LEVELS
BY 2030

80%
BELOW 1990 LEVELS
BY 2050



ENSURE MAINE PEOPLE, INDUSTRIES, AND COMMUNITIES
ARE RESILIENT TO THE IMPACTS OF CLIMATE CHANGE.



54%



19%



11%



9%



7%

TRANSPORTATION • RESIDENTIAL • COMMERCIAL • INDUSTRIAL • ELECTRIC POWER

Data source: Maine Department of Environmental Protection 8th Biennial Greenhouse Gas Emissions Report

In Maine, most greenhouse emissions come from transportation, followed by residential and commercial buildings, industrial sources, and then electricity.

Maine's Climate Action Strategies



A. Embrace the Future of Transportation in Maine



D. Grow Maine's Clean Energy Economy and Good Jobs



G. Invest in Climate-Ready Infrastructure



B. Modernize Maine's Buildings



E. Protect Maine's Environment and Working Lands and Waters, Increase Carbon Sequestration



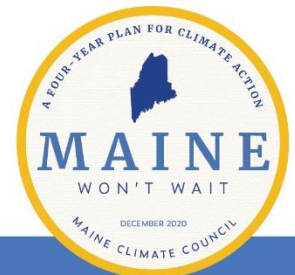
H. Engage People and Communities in Climate Impacts and Program Opportunities

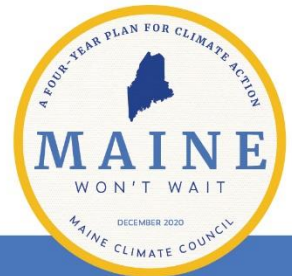


C. Reduce Carbon Emissions the Energy and Industrial Sectors through Clean Energy Innovation



F. Build Healthy and Resilient Communities





MAINE WON'T WAIT TRACKING DASHBOARD

Tracking numerical progress toward *Maine Won't Wait* goals is critical for informing the public about whether our climate policies are having the intended effects, and for evaluating whether evidence-based adjustments, enhancements or replacements to policies are needed in pursuit of near-term and long-term climate objectives.

This dashboard tracks 9 initial numerical targets, based on an outline included in *Maine Won't Wait*. It will expand to include other key *Maine Won't Wait* metrics as updated data becomes available, new programs are established, and state and federal climate investments are realized. The dashboard will be updated regularly, with an online version coming in 2022.



5,577

Electric & Hybrid
Vehicles

+90% since 2019
Goal: 219,000 by 2030



265

Public EV Charging
Stations

+62%
since 2019



\$11.55

Per Capita
on Public Transit

Updated Figure for
2021



40,000

New Heat Pumps
since 2019

Goal: 100,000 new
by 2025



2,043

Homes Weatherized in
2021

Goal: 17,500
by 2025



NEW

Community Climate
Resilience Plans

Goal: 100 Communities
by 2023



Path to **80%**
Clean Energy by
2030

Maine will Reach
45% in 2021



30,000
Clean Energy Jobs
by 2030

Maine had 14,000
in 2019



30%
Land Conservation
by 2030

State at 20.1%
in 2021

Greenhouse Gas Emissions

The Maine Department of Environmental Protection is preparing the next biennial greenhouse gas emissions inventory update for release in early 2022. This inventory will include gross and net emissions estimates for the first time. Emissions data will be added to this dashboard in the future to track Maine's goal of achieving carbon neutrality by 2045 and progress toward statutory targets of reducing emissions by 45% by 2030 and 80% by 2050.

Energy Efficiency & Buildings

Goal: 100,000 new heat pumps by 2025

- Reduce avg home oil consumption by 270-540 gallons per year.
- More than 80,000 installed since 2019, 140k+ total in Maine

Energy Codes

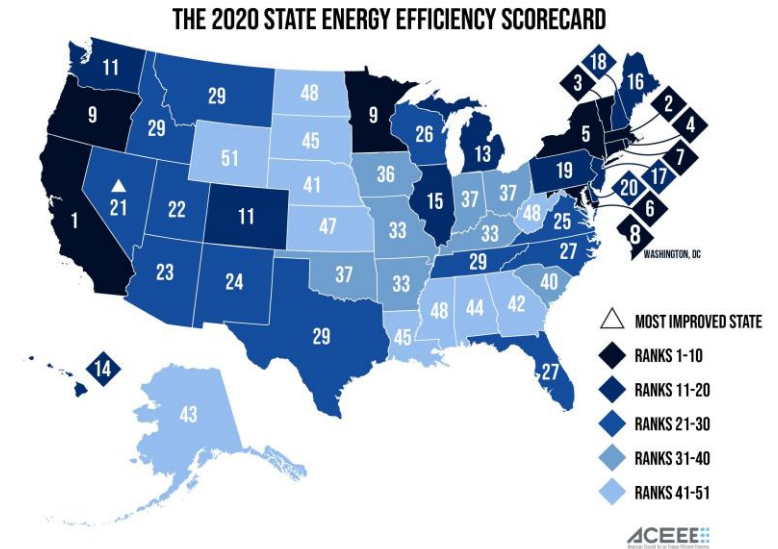
- MUBEC: International Energy Conservation Code updated to 2015; 2021 code as stretch code

Goal: 30,000 Clean Energy Jobs by 2030

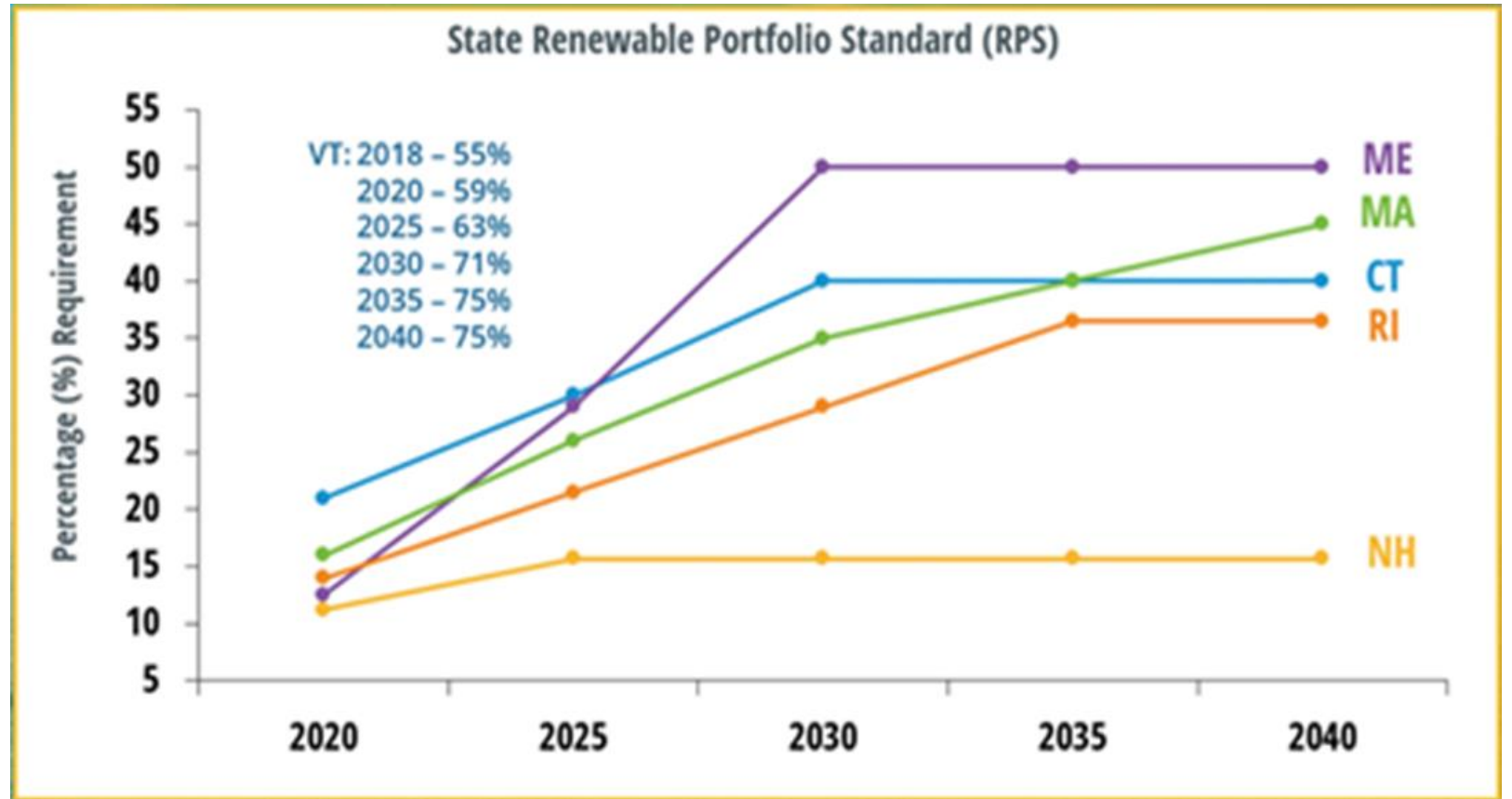
- Clean Energy Partnership Program Launched
- Grants and programs for workforce training & innovation

New Legislation & Funding:

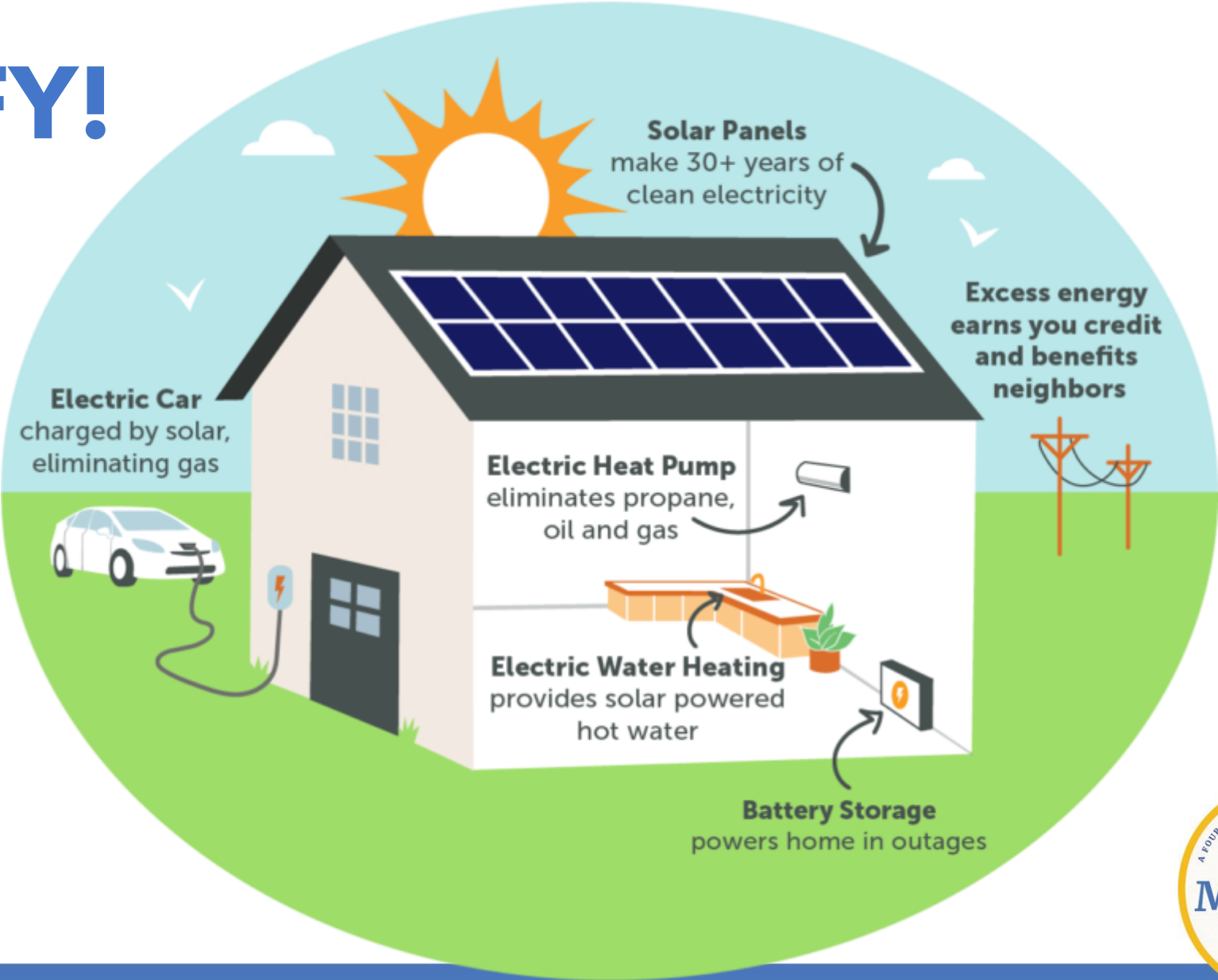
- Commercial Property Assessed Clean Energy (CPACE)
- Appliance Energy and Water Standards
- Clean Energy Accelerator - Efficiency Maine loans
- Maine Jobs & Recovery Funding - \$50M Efficiency, \$50M for Affordable Housing, \$70M for water systems/adaptation
- Federal Bipartisan Infrastructure Law & Inflation Reduction Act: Additional funding, tax credits, and more!



In 2019 Maine increased its renewable portfolio standard for electricity to 80% by 2030 with a goal of 100% by 2050



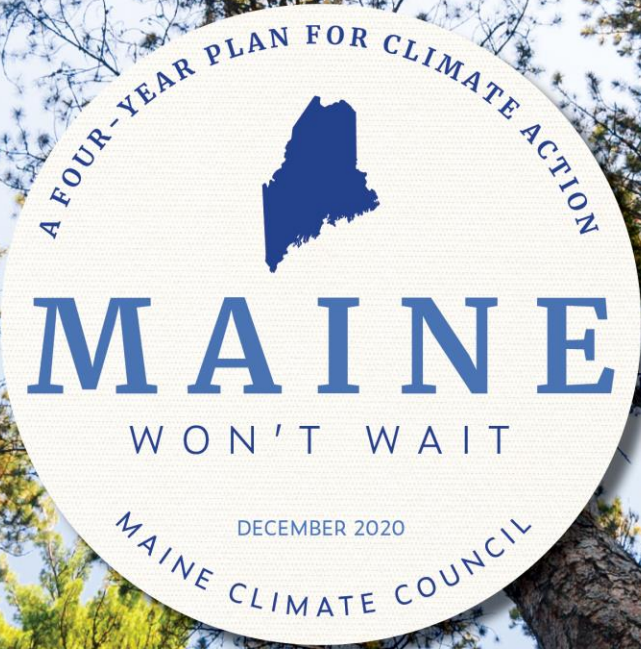
ELECTRIFY!



Inspiring Climate Action for Maine

#MaineWontWait





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