

Climate Pollution Reduction Grants Program: Implementation Grants

**Reducing Emissions in Maine's Buildings & Transportation Systems:
Accelerating Climate Progress Equitably throughout a Rural State**

COVER PAGE

APPLICANT INFORMATION

Organization: State of Maine, Governor's Office of Policy Innovation and the Future

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TYPE OF APPLICATION



Individual Applicant



Lead Applicant for a Coalition

FUNDING REQUESTED: \$49,990,142

APPLICATION TITLE: Reducing Emissions in Maine's Buildings & Transportation Systems: Accelerating Climate Progress Equitably throughout a Rural State

BRIEF DESCRIPTION OF GHG MEASURES:

Measure 1: Public schools and municipal buildings serving low-income and disadvantaged communities in Maine will be able to apply for funding through the Community Resilience Partnership and Green Schools Program for energy efficiency, clean energy and decarbonization measures to reduce GHG emissions.

Measure 2: Efficiency Maine Trust will expand incentives and consumer education for light-duty electric vehicle (EV) purchase and operation by low-moderate income households and communities.

Measure 3: Efficiency Maine Trust will pilot Medium- and Heavy- Duty zero-emissions vehicle rebates, covering up to the incremental cost of purchase of the electric vehicle and supporting associated infrastructure. Transportation emissions are nearly half of Maine's emissions, and to date, no registered trucks are electric.

Measure 4: Extend the State's rural workforce commuting pilot program with electric vehicles by expanding a successful pilot through Maine Department of Transportation.

SECTORS:



Industry



Commercial and Residential Buildings



Electricity Generation



Agriculture/Natural and Working Lands



Transportation



Waste and Materials Management



Other (please describe)

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

Estimated cumulative GHG reductions for 2025-2030 (in metric tons): 153,557 mtCO_{2e}

Estimated cumulative GHG reductions from 2025-2050 (in metric tons): 616,579 mtCO_{2e}

LOCATIONS: State of Maine

Maine is participating in two coalition applications that include technologies in measure 1 from this application. Different geographies within Maine will be targeted with each awarded application. Individual projects will be awarded through competitive applications or vouchers. A unique identifier will be assigned, based on geolocation for stationary projects. This will ensure that no two projects receive funds from different CPRG awards for the same measures in the same geography if the State of Maine is awarded funds through both this application and a coalition application.

APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) REFERENCES

PCAP Lead Organization(s): Governor’s Office of Policy Innovation and the Future

PCAP Title(s): Accelerating Maine’s Climate and Energy Action

PCAP Website link(s) (if applicable): <https://www.maine.gov/future/climate/climate-pollution-reduction-grant>

List of GHG reduction measures and PCAP page reference for each measure:

Measure	PCAP Title(s) and Page Numbers
1. <u>Measure 1: Clean Energy, Energy Efficiency, and HVAC Improvements in Maine Public Schools and Municipal Buildings.</u>	State of Maine Priority Climate Action Plan, Page 25
2. <u>Measure 2: Expand incentives and consumer education for light-duty electric vehicle (EV) purchases by low-moderate income households and communities.</u>	State of Maine Priority Climate Action Plan, Page 24
3. <u>Measure 3: Pilot Medium- and Heavy-Duty Zero-Emissions Vehicle purchase and operation in key geographic hubs.</u>	State of Maine Priority Climate Action Plan, Page 24
4. <u>Measure 4: Extend the State’s rural workforce commuting pilot program with electric vehicles.</u>	State of Maine Priority Climate Action Plan, Page 24