

Maine Transactive Energy Pilot

Lowering energy costs, reducing pollution, and improving Maine's grid

BACKGROUND

- Maine's electric grid is stressed and **electricity is increasingly expensive**.
- During heat waves and cold spells, **the grid is strained** by increased electricity consumption for heating and cooling.
- In the spring and fall, there can be a **surplus of low-cost wind and solar power** that goes unused because demand is low.

The Maine Transactive Energy Pilot uses existing equipment, like water heaters, heat pumps, air conditioners, EVs, and batteries, to manage grid stress and surplus solar and wind power in a way that is less expensive than new power plants, transmission lines, and substations.

Join this two-year study to lower energy costs, reduce pollution, and improve Maine's grid.

INCENTIVES

Enroll your responsive energy devices to earn incentives and support the grid without giving up control over your devices.

Unlike traditional demand response programs, in this pilot, *you* choose how your device responds to grid needs, not the utility. Express your choices with our easy-to-use mobile app. Use the app once and forget about it, or use the app every day – it's up to you.

Based on your choices, your device will make small adjustments when the grid is stressed. You'll be paid a modest incentive for these adjustments.

Don't worry you always have control – ***you can pause participation or change your choices at any time.***

ELIGIBLE DEVICES



MTEP currently supports:

- Heat pumps and air conditioners
- Home storage batteries
- Electric vehicles
- Heat pump water heaters

We are always qualifying different devices. Contact us to learn if your exact make and model is eligible.

ENROLLMENT & INSTALLATION

After you enroll on our website, we'll contact you to discuss participation and arrange for the professional installation of the enabling equipment, at no cost.



Scan to visit our website
and learn more



MTEP.POSTROADFOUNDATION.ORG

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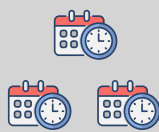



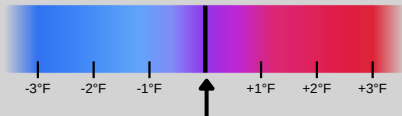
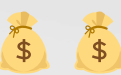










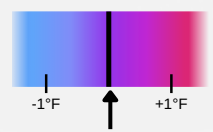
Incentives & Device Adjustments

INCENTIVE PAYMENTS

- **One-time:** \$200 as a thank you for joining the study
- **Annual Participation:** \$100 per participant for participating in the study
- **Variable Grid:** up to about \$900/year per device, for value to the grid. Based on device type, device size, responsiveness choice, and grid conditions.

Expected Device Behavior During Adjustments & Estimated Variable Grid Incentives

Responsiveness Choice

	Incentives per year	Adjustments per year	Electric Vehicle Charging Rate	Home Storage Battery State of Charge Range	Water Heater Water Heating Rate	Heat Pump / Air Conditioner Temperature Range
High		 10 to 20	 up to \$400/yr	 20% to 100% up to \$900/yr	 up to \$200/yr	 up to \$300/yr
Medium		 5 to 10	 up to \$250/yr	 40%-100% up to \$600/yr	 up to \$120/yr	 up to \$200/yr
Low		 3 to 4	 up to \$100/yr	 60%-100% up to \$300/yr	 up to \$60/yr	 up to \$100/yr