

Implementation of LD 1724 - Beneficial Electrification Plan

Update to the Efficiency Maine Trust Board

December 20, 2023

(for discussion)

Today's focus is the Beneficial Electrification Plan required under LD 1724

2. Plan for promoting beneficial electrification for end uses of energy. The trust shall develop a 3-year beneficial electrification plan for end uses of energy as part of the trust's triennial plan in accordance with section 10104, subsection 4 and provide annual updates to the plan in accordance with section 10104, subsection 6. In developing its beneficial electrification plan for end uses, the trust shall consult with relevant departments and agencies.

Recent updates on Beneficial Electrification Policy Act implementation have emphasized the Ch. 3 rulemaking

- August Board meeting: High-level overview of LD 1724 in update on First Session of the 131st Legislature
- October Board meeting: Brief update on planned rulemaking to amend Chapter 3 of the Trust's rules
- November Board meeting: Update on the Chapter 3 rulemaking; draft amendments to Chapter 3 included in the Board packet
- December 19: Public hearing on Chapter 3 rulemaking POSTPONED due to storm impact

Beneficial electrification measures proposed for consideration

- Whole-home/building heat pumps
- Variable refrigerant flow (VRF) systems
- Heat pump water heaters
- Electric vehicles (EVs)
 - Light duty
 - Medium- and heavy-duty, including school and transit buses
- Electric lawn equipment
- Electric bikes
- Electric forklifts

Determining reliable reduction in electric rates

To determine if a measure reliably reduces electricity rates the Trust requires the following information:

- Electricity usage (kWh)
- Electricity rates
- Peak impact (summer kW) on the Transmission & Distribution system
- Incentive amount
- Measure life

Next steps for the development of the Interim Beneficial Electrification Plan

- Today: Introduce measures proposed for consideration in the Interim Beneficial Electrification Plan and solicit input
- January: Prepare draft analysis; consult with relevant departments and agencies
- January Board meeting: Present draft analysis, including projected adoption rates and associated budgets, and solicit input
- February Board meeting: Present final plan for Board review
- March 1: Annual update filing
- Triennial Plan VI: Update and expand the Beneficial Electrification Plan

END