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First Draft 2025 Energy Efficiency Plan Update

June 20, 2024

Timeline Update



June	
06/04/24	June Equity Working Group Meeting
06/05/24 (Wed)	1st Draft of 2025 Annual Plan Narrative Due to EEC
06/20/24 (Thu)	EEC Meeting
06/27/24 (Thu)	Technical Working Group Meeting
06/28/24 (Fri)	First Draft Annual Plan Narrative Stakeholder Comment Period Ends
July	
TBD	July Equity Working Group Meeting
07/03/24 (Wed)	First Draft 2024 Annual Numbers due to EEC, including 1 st draft of TRM
07/18/24 (Thu)	EEC Meeting
07/21/24 (Sun)	Comments due from EEC/Stakeholders on Draft Plan Numbers and BC Model
07/25/24 (Thu)	Technical Working Group Meeting
August	
TBD	August Equity Working Group Meeting
08/05/24 (Mon)	Second Draft of 2025 Annual EE Plan due to EEC (Narrative and Numbers)
08/15/24 (Thu)	EEC Meeting
08/22/24 (Thu)	Technical Working Group Meeting
08/23/24 (Fri)	Second Draft 2025 Annual Plan Stakeholder Comment Period Ends
September	
TBD	Draft of EWG Report
09/06/24 (Fri)	Final Draft 2025 annual plan sent to EEC (Narrative and Numbers)
09/06/24 (Fri)	Final Draft BC Model for Annual Plan Sent to EEC
09/12/24 (Thu)	EEC Meeting
09/26/24 (Thu)	EEC Meeting
09/27/24 (Fri)	Technical Working Group Meeting
October	
10/01/24 (Tue)	2025 Plan Filed with PUC
10/17/24 (Thu)	EEC Meeting
10/18/24 (Fri)	File TRM with PUC
10/18/24 (Fri)	Final TRM to EEC



Justifications

- 6.6 Cost of Energy Supply
- Compliance with LCP Framework
- Principles of Program Design
- Portfolio v. Program Level

Program Level Justifications

- Numbers under review

Programs with Costs Higher than Cost of Supply



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Program	Electric Cost of Supply Minus Cost of Energy Efficiency	Gas Cost of Supply Minus Cost of Energy Efficiency
EnergyWise Single Family	-\$15,469,672	-\$794,603
EnergyWise Multifamily	-\$114,336	
Home Energy Reports	-\$553,440	
IE Single Family	-\$5,154,763	-\$2,658,030
IE Multifamily	-\$1,094,433	-\$485,081
Small Business Direct Install	-\$404,051	

Workforce Development



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Building Capacity for CAPS

Upskill Electricians and EE Workers

Recruit/Upskill HVAC Contractors

Train Facilities Staff

Training for Codes & Standards

Build a Pipeline of Workers



Non-Profit Outreach & Collaboration

- Central Falls
- HEZ
- Remove Barriers to Participation

Justice 40 Communities

- Measure Participation

Marketing Strategies

- Multilingual Channels

Metrics

Residential



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Pre-Weatherization Barriers

- Improved Data
- PCAP Grant

Income Eligible Weatherization

- Appliance Delivery
- Inter-Agency Referrals

Multifamily

- Lead Vendor Performance Incentive
- Landlord Outreach
- BlocPower

HVAC

- Tiered Incentives
- Collaboration with CHRI
- Contractor Training



New Approaches

- Mid-Stream Food Service
- Expand Small Business Measures

Focus on Initiatives

- Small Business Main Streets
- Building Analytics Program

Program Refinement

- New Construction Process Evaluation
- Lighting Market
- Electric Resistance Heat

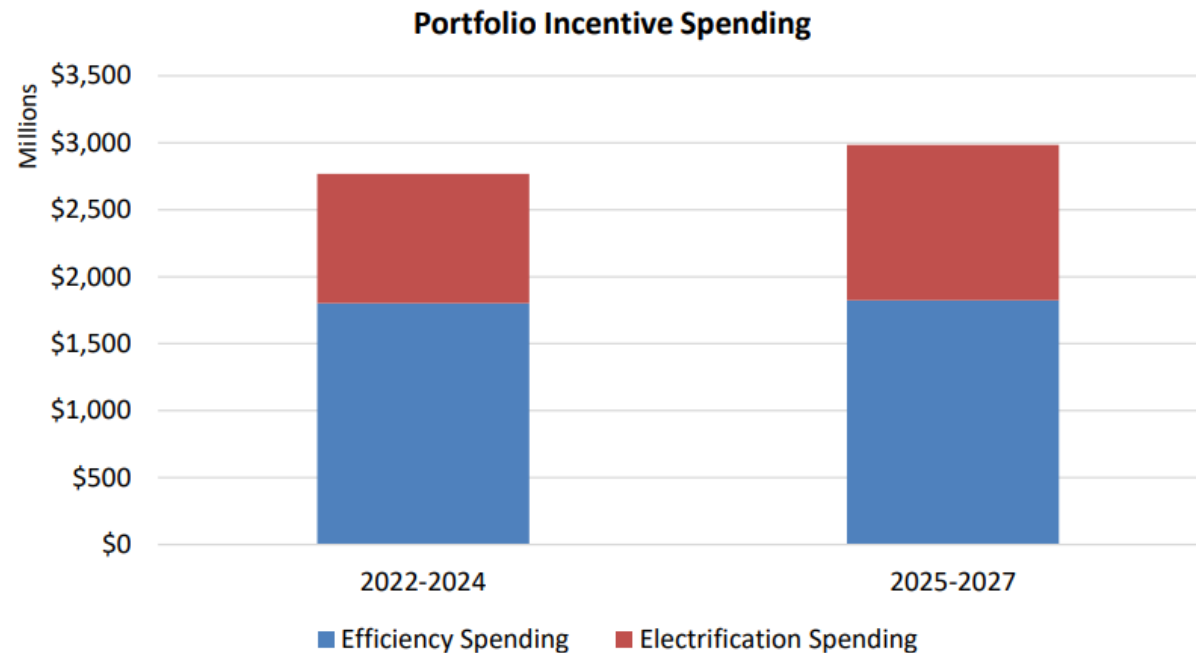


MA Midterm Modifications for 2024

- Residential: Proposed budget modifications from +1% to +22% depending on utility
 - Due to electrification
 - Income Eligible: Proposed budget modification of +6%
 - Due to electrification
- C&I: Proposed budget modifications from -19% to -49%
 - Part due to electrification, part due to lagging traditional EE programs

EFFICIENCY VS ELECTRIFICATION

- ▶ Efficiency incentive spending near identical to previous plan while electrification incentive spending up 20%



Residential budgets are way up, but energy savings down



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RESIDENTIAL OVERVIEW

Residential Sector (Planned)	2022-2024	2025-2027	% Change
Budget	\$1,847,129,621	\$2,801,300,436	52%
Incentives	\$1,443,761,045	\$2,106,436,707	46%
Total Benefits	\$4,173,231,042	\$7,322,972,796	75%
Lifetime Net Savings (MMBtus)	119,541,437	112,562,930	-6%
GHG Emissions Reductions (Annual Metric Tons CO2e)	471,300	690,227	46%

C&I budgets and savings drastically reduced

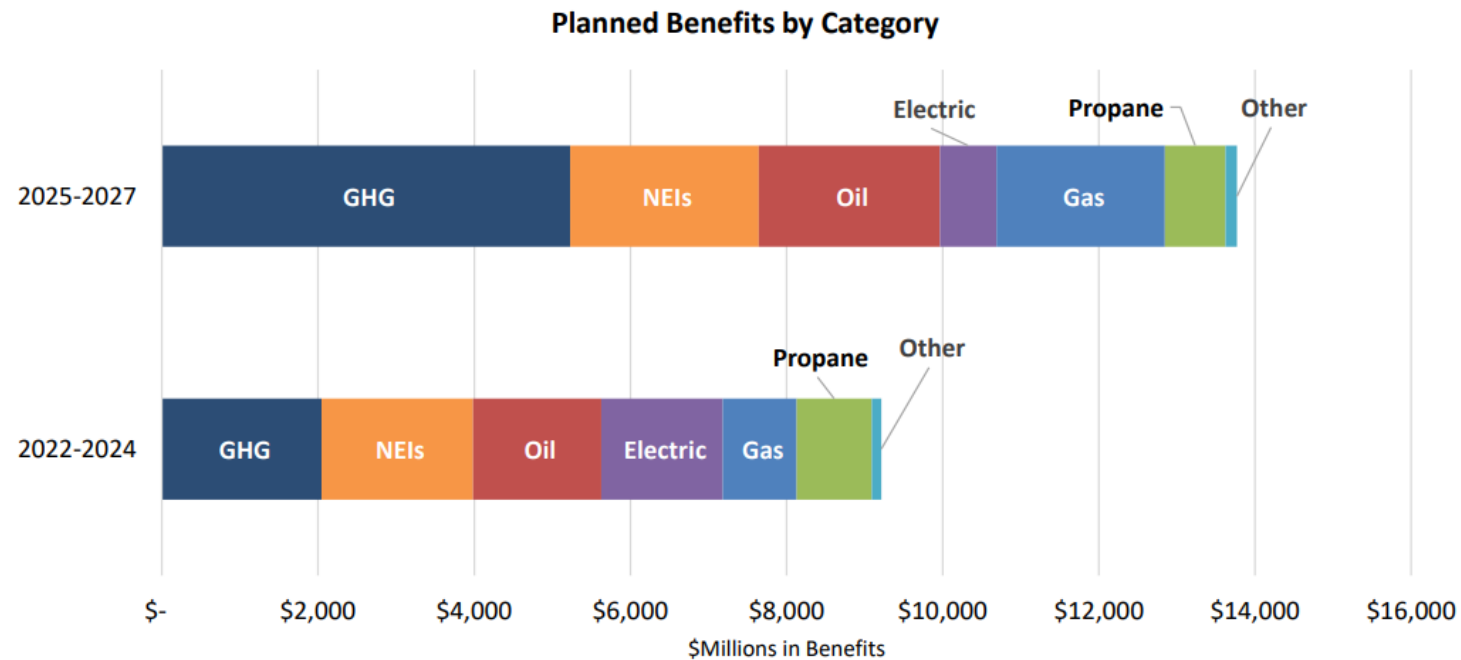
C&I SUMMARY

C&I Sector (Planned)	2022-2024 Plan	2025-2027 Plan	% Change
Budget	\$1,509,669,795	\$1,245,413,463	-18%
Incentives	\$1,231,609,813	\$726,719,113	-41%
Total Benefits	\$3,613,054,098	\$3,790,918,184	5%
Lifetime MWh	8,490,966	4,653,513	-45%
Lifetime Therms	304,470,070	253,632,185	-17%
GHG Emissions Reductions (Annual Metric Tons CO2e)	288,589	244,383	-15%

Majority of benefits from GHG and NEI; Electric small

SUMMARY OF BENEFITS COMPARED TO PREVIOUS PLAN BY SOURCE

- ▶ More benefits from oil, propane, and natural gas savings, less from electric savings



GHG = The social cost of carbon benefits from Green House Gas emissions reductions
NEIs = Non-energy impacts

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