



STATE OF RHODE ISLAND

ENERGY EFFICIENCY & RESOURCE MANAGEMENT COUNCIL

CONSULTANT TEAM

On the Horizon: 2022 and Beyond

Presented By: EERMC Consultant Team

Date: November 8, 2021





Continuing the Conversation

- Council priorities for 2023 Plan
- Policy Recommendations (annual report)
- Deep Dives at Council Meetings
- Agenda for 2022 retreat(s)
- EERMC/PUC Conversation(s) in 2022

We want to be clear that the content of these conversations can include 2023 Plan considerations as well as longer term industry trends, Councilor priorities, emerging areas of focus, etc.

Note: Recent topics covered in these contexts are summarized in Appendices



Council's Long-Term Priority Areas?

Priority #1:

Priority #2:

Priority #3:



Industry Trends in Rhode Island

Potential Discussion Topics

- Equity
 - EWG continuation & member engagement
 - Equity commitment tracking, reporting
 - Poor program performance in IE and MF
- Decarbonization
 - Decarbonization as a metric for program success, i.e. MA
 - Natural Gas Appliances & Infrastructure Lock In
- Sale of National Grid to PPL
- Other Council areas of interest



Equity: Equity Working Group Engagement

Call for continued engagement was a clear takeaway from October Council presentation on equity working group (EWG)

Information requests to National Grid from EERMC and OER both seeking further clarity on EWG engagement moving forward

Important to see equity as an ongoing process, not 'one and done'

- Supports emphasis on tracking and reporting expectations on next slide

Must increase integration of equity with all program activities

- Short sections and appendices do not reflect serious efforts to center equity in Plan
- Generalized, high-level statements must be supported by detailed activities tailored to achieve equitable outcomes and implement EWG commitments



Equity: Commitment Tracking & Reporting

Equity Working Group (EWG) **recommendations** were captured in EE Plan along with high-level **proposed enhancements** and **determinations of success**

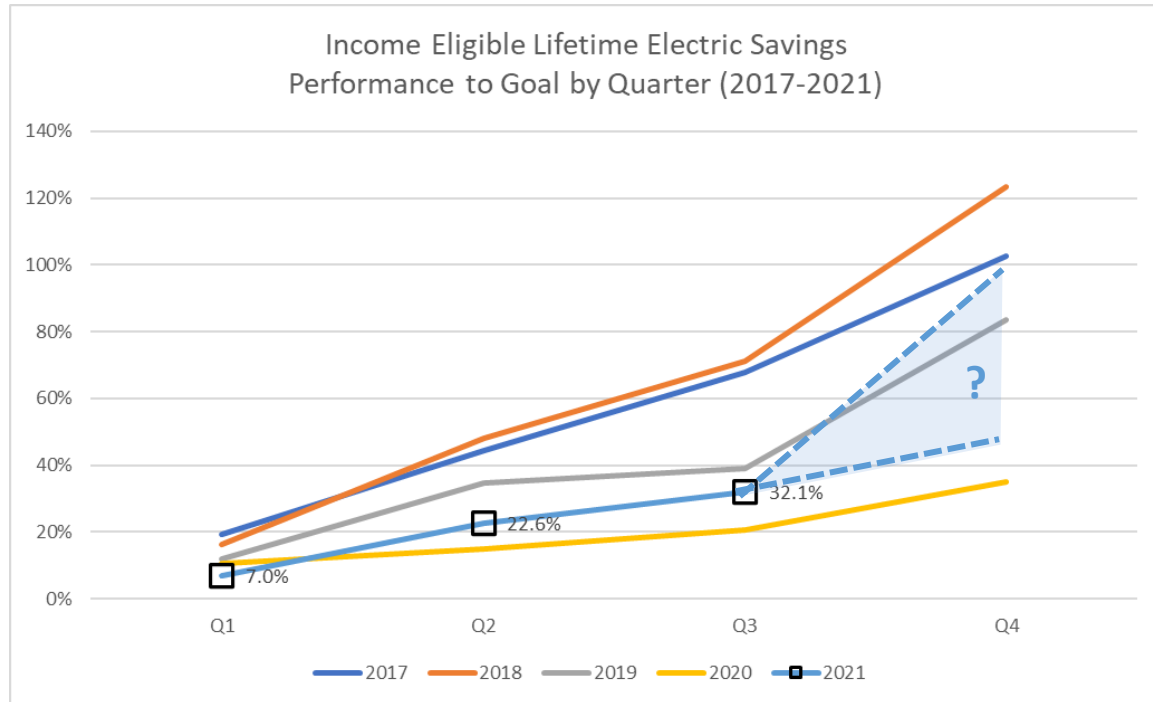
Unfortunately, many enhancements were **high-level, continuations** of current practice, or **not fully responsive** to the EWG's recommendations

Similarly, determinations of success were often **vague**, and/or described a number to consider without elaborating on how **data would be gathered & reported**, or what **level of achievement** would be considered "success"

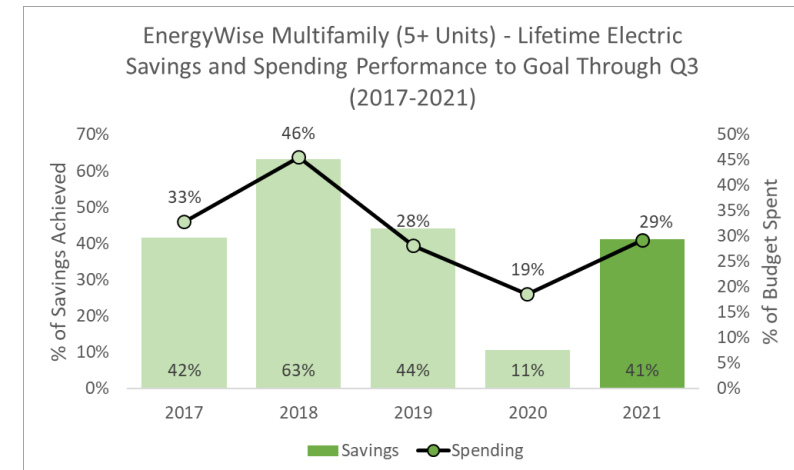
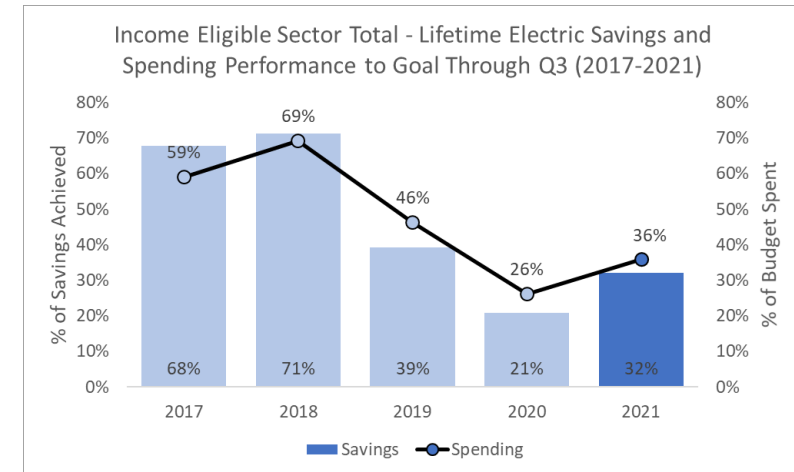
What tracking & reporting enhancements would the Council like to see here?



Equity: IES & MF Program Performance



Note: Year-end forecast range is illustrative and not based on data





Decarbonization: MA Climate Act

Act Creating A Next-Generation Roadmap For Massachusetts Climate Policy (MA Climate Act) made changes to MA Global Warming Solutions Act (GWSA)

Requires Secretary of Energy and Environmental Affairs (EEA) to set a CO₂ reduction goal for the EE Plans' necessary contribution to meeting GHG goals adopted under the GWSA

Goals are set for, and measured at the end of, each three-year plan period

Table 1: Greenhouse Gas Emissions Reduction Goal

| | 2022–2024 Joint Statewide Energy Efficiency Plan (electric) | 2022–2024 Joint Statewide Gas Efficiency Plan (gas) |
|--|--|--|
| Emissions Reductions in metric tons of CO ₂ e | 504,000 | 341,000 |

Source: <https://www.mass.gov/doc/greenhouse-gas-emissions-reduction-goal-for-mass-save/download>

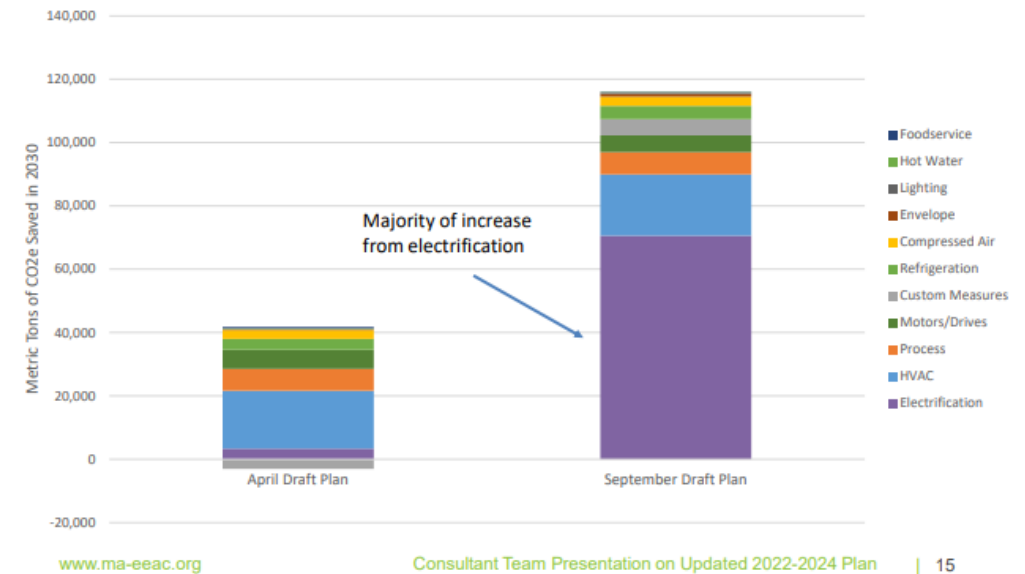


Decarbonization: MA Program Redesign

Heavy emphasis on electrification!

- Climate Act passed after Climate Road Map was already established, which set a goal of electrifying space heating in 1 Million homes and 300-400 million sq.ft. of commercial space by 2030
- EEA's goal recommends that measures that increase the use of natural gas for space heating, including those associated with CHP, be eliminated from the program
- EEA's goal also recommended that incentives for all fossil fuel measures be phased out of the programs

2022-2024 C&I ELECTRIC GHG SAVINGS GOALS BY END USE



Note – April Draft was *prior* to development of EEA's GHG goal

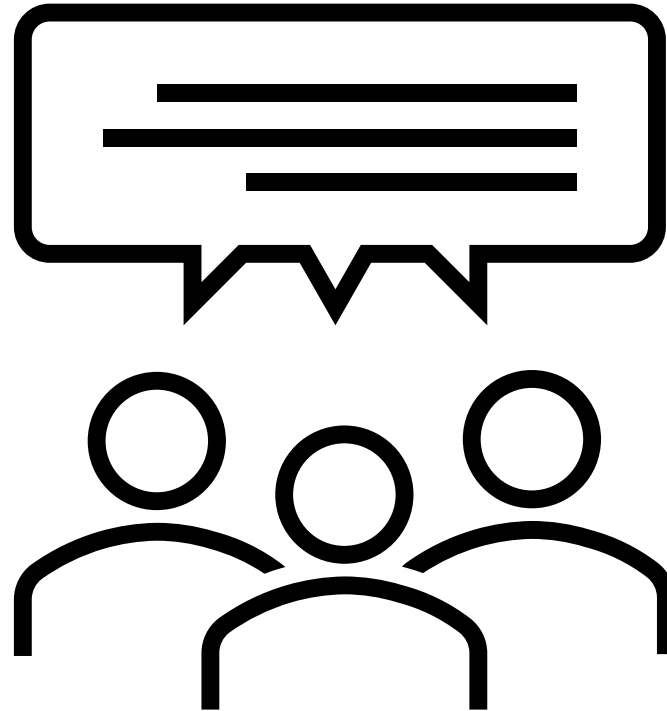


National Grid Sale to PPL

- Still moving through regulatory process:
 - Settlement Discussions: December 8th-10th, 2021
 - Public Hearings: December 13th-17th, 2021
 - Decision Target Date: February 25th, 2022
- Transition implementation timeline still TBD
- Likely several impacts on efficiency programs:
 - Council may want to monitor EE transitions if/when sale approved
 - EM&V may need increased resources from reduced MA leverage
 - Sector strategy and implementation teams may also need increased resources, particularly in areas where utility staff previously worked on similar initiatives in both MA and RI



Other Council Areas of Interest?





APPENDICES





Council Priorities for 2022 EE Plan

Priority #1: Align with Three-Year Plan

- Target “High Scenario” for savings and benefit goals
- Identify how each 3YP priority will apply in 2022 Plan
- Align with Market Potential Study
- Maximize cost-efficiency while delivering maximum savings and benefits

Priority #2: Comply with LCP Standards

- Apply the clear, outcome-oriented direction provided in the LCP Standards section on General Plan Design and Principles for annual plan
- Include key metrics to be tracked and reported

Priority #3: Incorporate Stakeholder Input

- Reflect priorities set by TWG members
- Reflect Equity Working Group findings and conclusions
- Incorporate input from robust and actionable Customer Feedback Activities

Priority #4: Support Equity and Access

- Fulfill and apply results to 2022 EE Plan from the 2021 EE Plan Commitments
- Commit to create clear, comprehensive list of tasks that will be added to quarterly reports to support full and transparent accountability of performance in achieving the commitments
- Include clear, detailed remediation strategies to assure corrective action on underperforming programs

Priority #5: Ensure Effective & Efficient Development & Review Process

- Adhere to an agreed upon *Key Deliverables and Schedule* in order to assure necessary time for EERMC and stakeholders to participate in, review and research clear understanding of the content in the 2022 EE Plan sufficient to make informed decisions on whether to endorse the Plan



Annual Report Policy Recommendations

Extend Least Cost Procurement Law

Concentrate support on clean energy workforce development

Ensure/Expand energy efficiency program accessibility

Adopt appliance and efficiency standards

Coordinate across energy programs and policies

Share building energy information with new homeowners and renters



2021 Council Meeting Deep Dives

Workforce Development

Council Education Activities

Equity Working Group

Performance Incentive Mechanism

Pilots, Demonstrations and Assessments

Evaluation, Measurement, and Verification

Rhode Island's 100% Renewable Electricity Initiative



2021 Retreat Agendas

2021 Retreat Session #1 (May 28th)

- Council Purposes, History and Resources
- Council Member Experience
- Advancing Equity in RI Energy Efficiency Programs
- Regulatory Overview with the RI PUC

2021 Retreat Session #2 (Nov 8th)

- Deep Dive: Strategic Electrification
- Deep Dive: HVAC Market Transformation
- On the Horizon: 2022 and Longer-Term Strategizing



EERMC/PUC Conversations

Potential topics that have been raised to date:

- Active Demand Response PIM Proposal
- Budgetary Prudence & Discipline
- Workforce Development
- Codes & Standards – Activities and Related PIM Proposal
- Energy Sales & Forecasting – How economic recovery is/isn't factored into the process



WRAP UP



15 minutes

