



Rhode Island Energy™  
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# Energy Efficiency Equity Metrics

Q3 2024

# In Q1, the EWG and RIE developed equity metrics

Equity Category	2024 Equity Metrics
<p><b>Participation Barriers</b></p>	<p><b>1) # of Home Energy Audits Completed</b>                      a) Broken down by Justice40 vs non-Justice40 communities for single family programs (EnergyWise, Income Eligible Services)                      b) Broken down by renters vs non-renters for single family programs</p> <p><b>2) # of Weatherization Projects Completed</b>                      a) Broken down by Justice40 vs non-Justice40 communities for single family programs (EnergyWise, Income Eligible Services)                      b) Broken down by renters vs non-renters for single family programs</p>
<p><b>Multifamily Barriers</b></p>	<p><b>3) # of Home Energy Audits Completed</b>                      a) Broken down by Justice40 vs non-Justice40 communities for multifamily programs (EnergyWise Multifamily, Income Eligible Services Multifamily)</p> <p><b>4) # of Weatherization Projects Completed</b>                      a) Broken down by Justice40 vs non-Justice40 communities for multifamily programs (EnergyWise Multifamily, Income Eligible Services Multifamily)</p>
<p><b>Pre-Weatherization Barriers</b></p>	<p><b>5) # of Audits with Pre-Weatherization Barriers Detected</b>                      a) Broken down by pre-weatherization barrier type for EnergyWise Single Family program                      b) Broken down by Community Action Program service territory for Income Eligible Services Single Family program</p>
<p><b>Workforce Development</b></p>	<p><i>Rhode Island Energy will continue to work with PPL Supplier DEI team in 2024 to explore what is possible</i></p>
<p><b>Microbusiness &amp; Small Business</b></p>	<p><b>6) # of Eligible Customers Participating in Small Business Direct Install</b>                      a) Broken down by Justice40 vs non-Justice40 communities</p> <p><b>7) % of Commercial &amp; Industrial Participation</b>                      b) Broken down by consumption category</p>

# In Q2 and Q3, RIE built out equity tracking capabilities

- Audit and Weatherization Reports
  - Income Eligible: Hancock/CAPs
  - Market Rate: Lead Vendor
  - Multifamily: Lead Vendor
  - Small Business: EE Tracking System
  - Deferrals: Hancock/CAPs, Lead Vendor
- Census tract codes by address: Census Geocoder
- Justice40 Disadvantaged Communities List: Climate and Economic Justice Screening Tool
- Indecipherable addresses were attributed to Non-Justice40 communities, Non-Renters

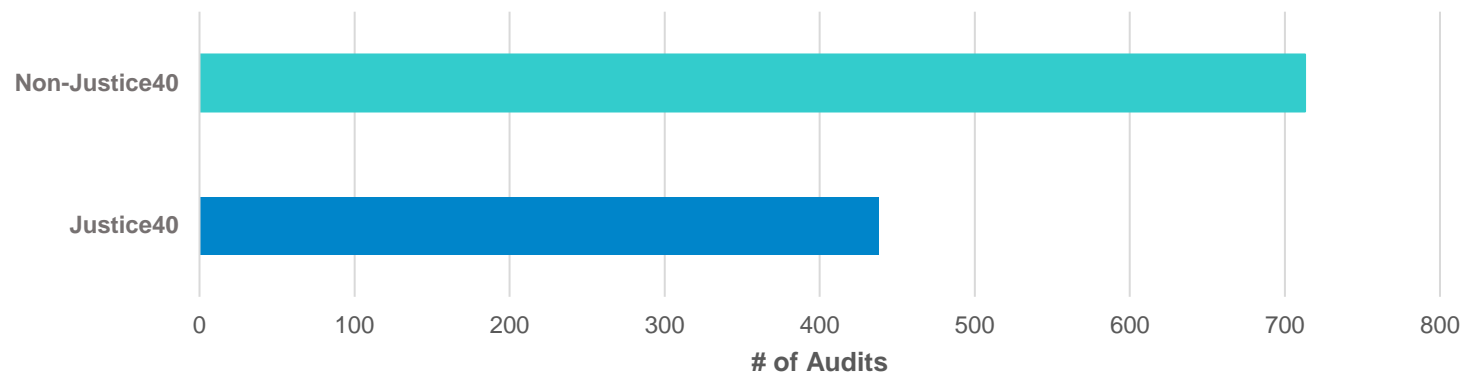


Climate and Economic Justice Screening Tool

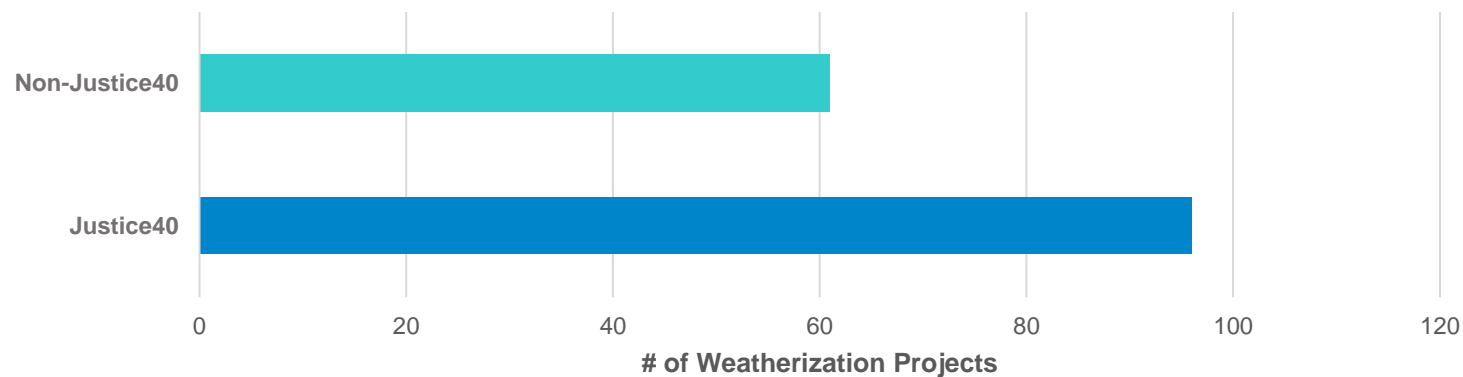


# Justice40 communities account for 38% of audits and 61% of weatherization projects in income eligible single-family program

Income Eligible Single Family # of Audits Completed  
YTD Q3 2024



Income Eligible Single Family # of Weatherization Projects Completed  
YTD Q3 2024



**Key notes:**

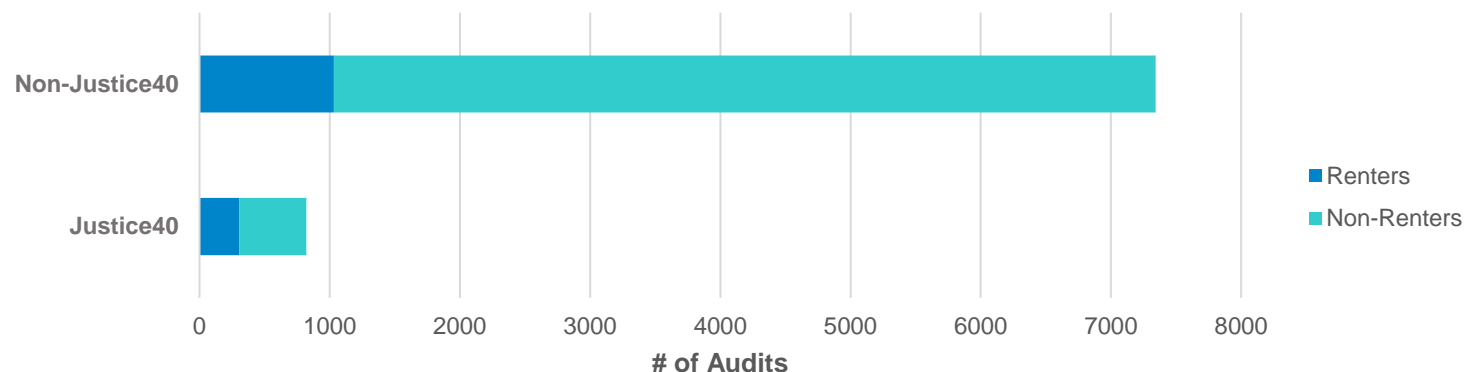
- 70+ additional audits, not reflected here, were conducted by RISE on behalf of BVCAP.
- Weatherization reflects projects invoiced and paid in Hancock; Q3 YTD totals are estimated higher than shown.

All data shown is preliminary and subject to change  
Data shown comes from a system not directly managed by Rhode Island Energy



# Justice40 communities account for 10% of audits and 13% of weatherization in the market rate single-family program

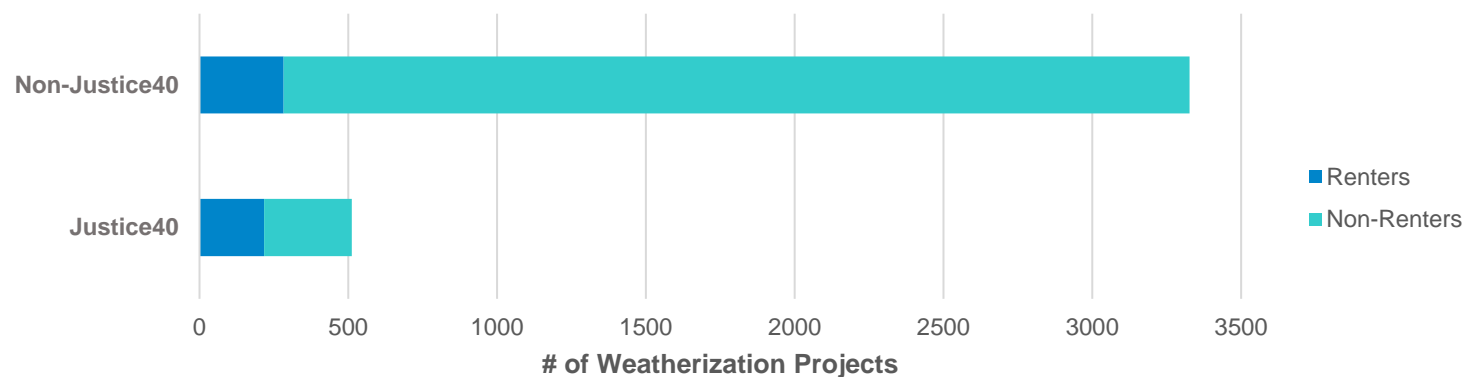
EnergyWise Single Family # of Audits Completed  
YTD Q3 2024



**Key notes:**

- Justice40 share of audits likely higher than depicted due to backend data; expecting numbers to shift as address data improves.

EnergyWise Single Family # of Weatherization Projects Completed  
YTD Q3 2024

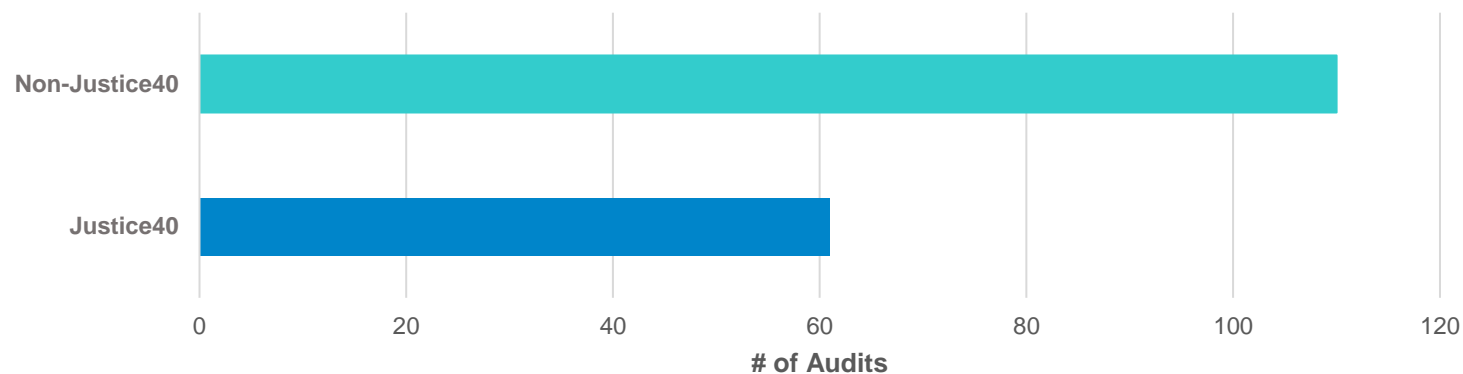


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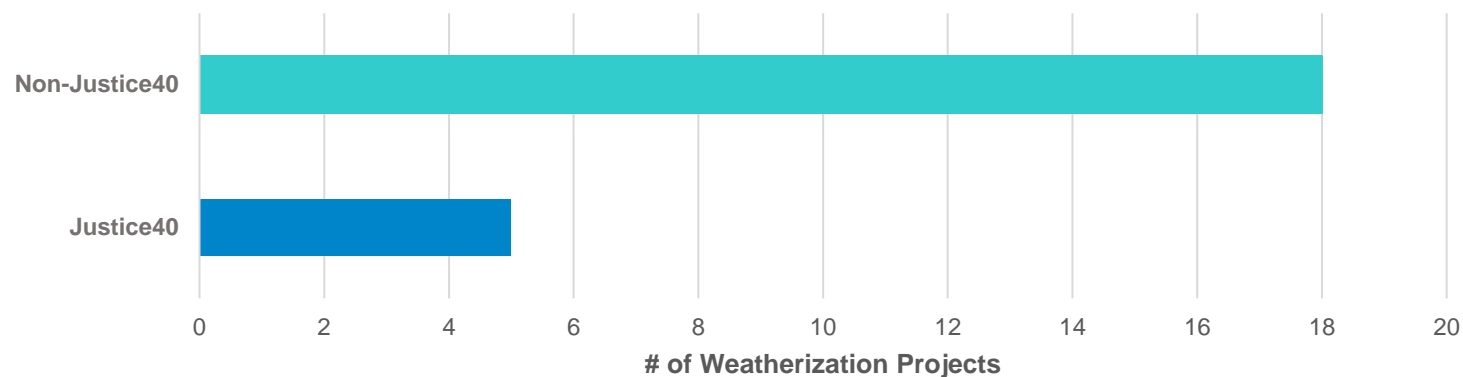


# Justice40 communities account for 36% of audits and 22% of weatherization in the multifamily programs

Multifamily Programs # of Audits Completed  
YTD 2024



Multifamily Programs # of Weatherization Projects Completed  
YTD 2024



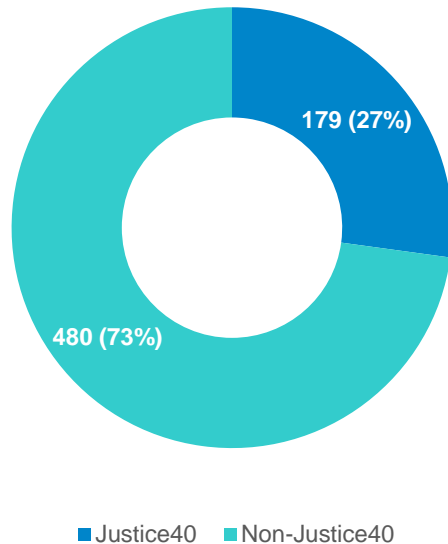
**Key notes:**

- Multifamily audit and weatherization counts do not reflect units. A single audit or weatherization project may be associated with hundreds of units.
- Totals include both income eligible and market rate programs.

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# 27% of Small Business program participants are in Justice40 communities

Small Business Direct Install # of Participants  
YTD Q3 2024



Small Business Direct Install Customer Size by  
Annual Consumption (kWh) CY 2023

Customer Size by Annual Consumption (kWh)	Number of Participants	Percent
Greater than 1.5M kWhs	1	0%
1.25M to 1.5M kWhs	3	1%
1M to 1.25M kWhs	2	0%
750,000 to 1 million kWhs	6	1%
500,000 to 750,000	17	4%
250,000 to 500,000	31	7%
200,000 to 250,000 kWhs	12	3%
150,000 to 200,000 kWhs	8	2%
100,000 to 150,000 kWhs	39	9%
50,000 to 100,000 kWhs	56	13%
Less than 50,000 kWhs	244	58%
Unmatched	24	
<b>Total</b>	<b>443</b>	<b>419</b>

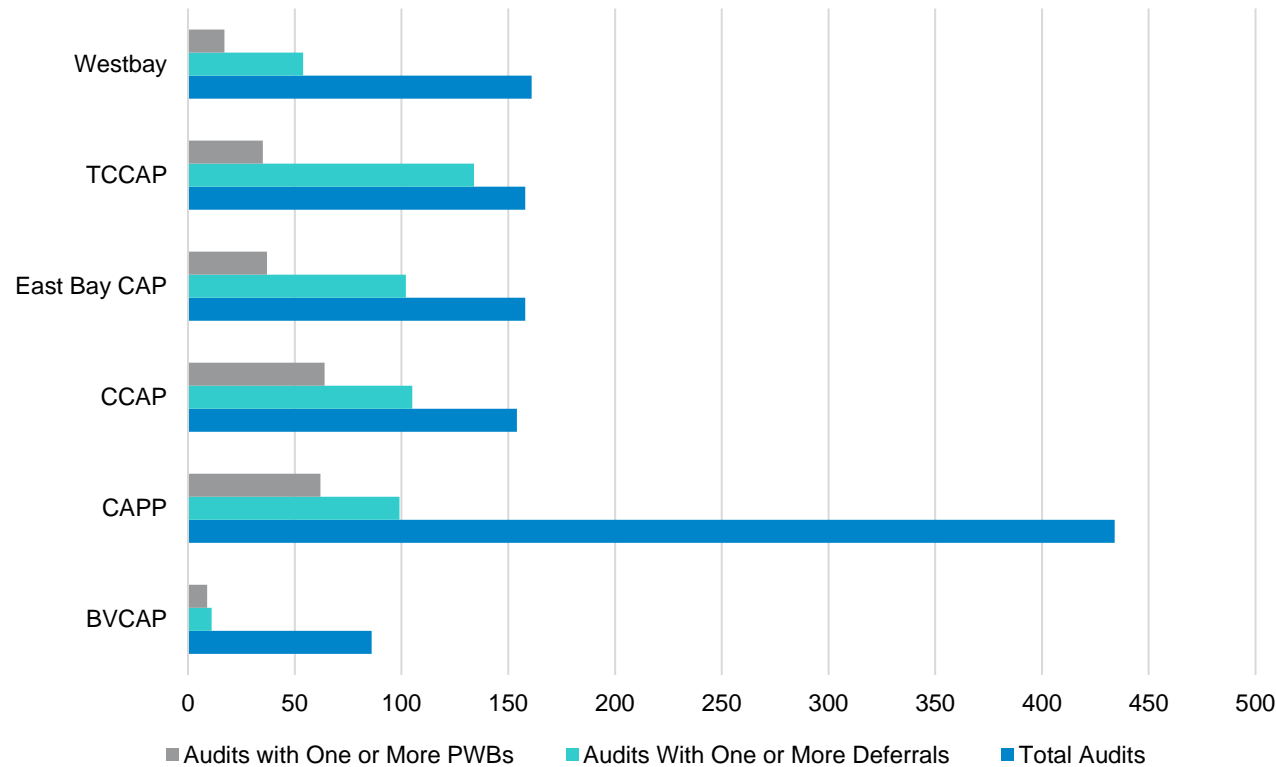
**Key notes:**

- Numbers in Customer Size by Annual Consumption chart are reflective of 2023 and may use a different methodology to define participants.

All data shown is preliminary and subject to change

# 44% of audits in the Income Eligible Single-Family program resulted in deferrals

Income Eligible Single Family # of Audits, Deferrals, and Pre-Weatherization Barriers by CAP  
YTD Q3 2024



**Key notes:**

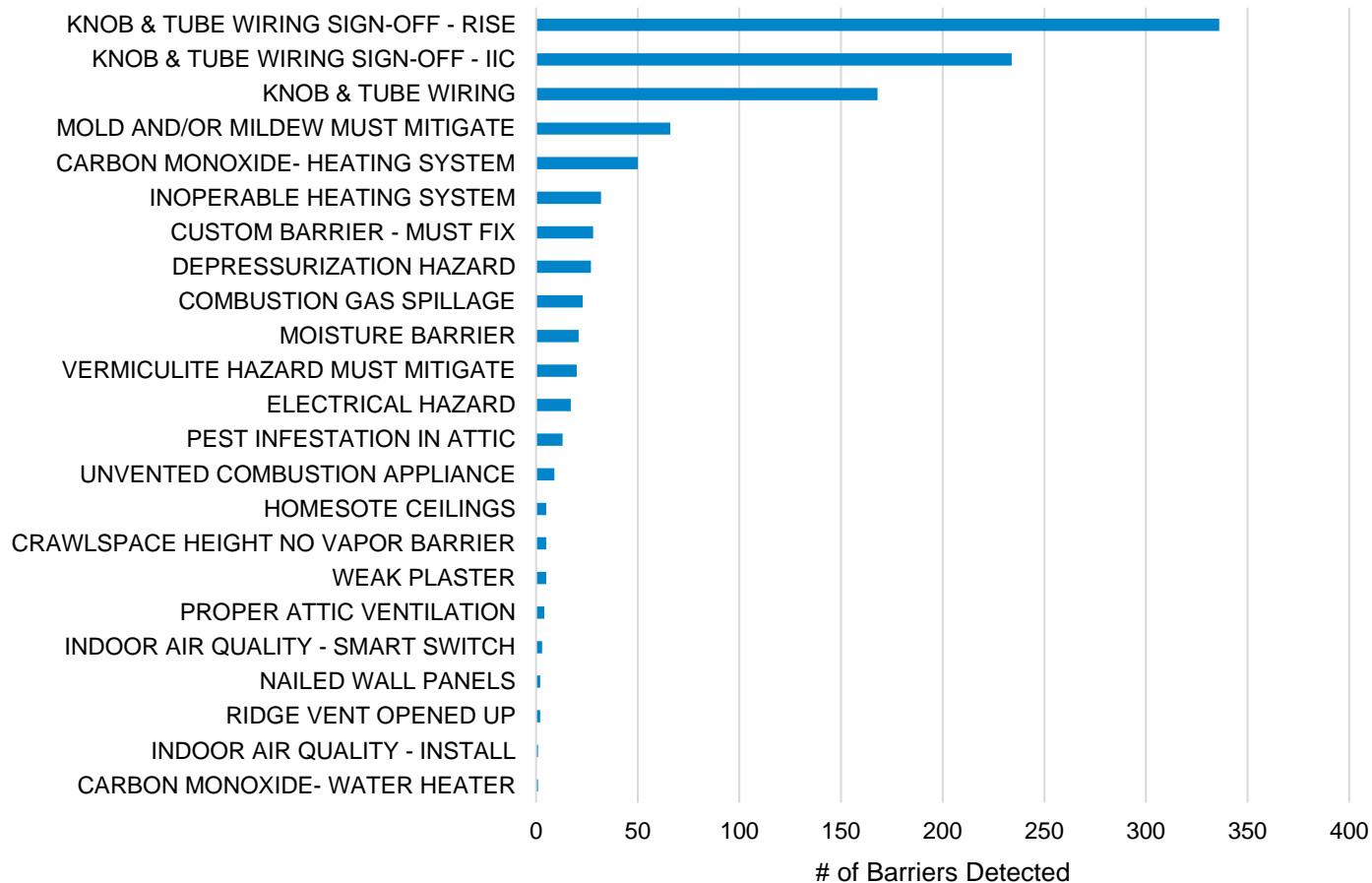
- 70+ additional audits, not reflected here, were conducted by RISE on behalf of BVCAP.
- Rhode Island Energy estimates that 45% of all deferrals are true “Pre-Weatherization Barriers (PWBs)” that may have a path forward for remediation.

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# Knob and tube wiring are by far the most prevalent barriers in the market rate single family program

EnergyWise Single Family # of Pre-Weatherization Barriers by Barrier Type YTD Q3 2024



**Key notes:**

- Chart reflects both open and resolved barriers.
- Barrier type reported by Lead Vendor.

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# Council Discussion



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- + What are your reactions to the metrics shown today?
- + Do you have any thoughts on how these metrics can be shown or visualized in the future?
- + Are there any takeaways that Rhode Island Energy should discuss with the EWG?