



Cape Light Compact

Cape Light Compact JPE

**Plan-Year Report on
Energy Efficiency Activities
for 2022**

**Submitted to the
Massachusetts Department of Public Utilities
and the Massachusetts Department of Energy Resources**

June 1, 2023

Cape Light Compact JPE

D.P.U. 23-60

2022 Energy Efficiency Plan-Year Report

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SECTION I INTRODUCTION AND OVERVIEW

Cape Light Compact JPE Overview

The Cape Light Compact JPE (“Compact” or “CLC”) is pleased with the results for the first year (“2022 Plan-Year”) of its 2022–2024 Three-Year Energy Efficiency Plan (“2022–2024 Three-Year Plan”), the fifth of such plans envisioned by the Green Communities Act and approved by the Department of Public Utilities (“Department” or “DPU”). The Compact and the other Massachusetts Energy Efficiency Program Administrators (“Program Administrators” or “PAs”) diligently implemented their respective plans over the past year, making significant progress toward their three-year goals. The 2022 Plan-Year built on the nationally acclaimed accomplishments of the prior Three-Year Plans, showing remarkable success with respect to goal attainment and achievement of real benefits for the environment and the economy in the Commonwealth of Massachusetts. The Compact is on a trajectory to achieve our greenhouse gas (“GHG”) reduction goals.

The results of the first year of the 2022–2024 Three-Year Plan, presented in this 2022 annual report (“Plan-Year Report”), indicate that the Compact is on track to reach its three-year goals by the end of 2024. In 2022, the Compact achieved 96% of its lifetime energy savings goal, achieved 80% of its total benefit goal, and spent 82% of its planned budget.¹ Based on these results plus the planned values for 2023 and 2024, over the three-year term, the Compact expects to achieve:

- cost-effective programs with a benefit-cost ratio (“BCR”) of 1.79,
- net benefits of \$163 million,
- avoided CO₂e emission reductions of over 29,000 metric tons in 2030,
- annual energy savings of 24 gigawatt hours (“GWh”),
- lifetime energy savings of 211 GWh,
- total benefits of \$368 million, and
- program costs of \$188 million.

¹ Lifetime energy savings do not include fuel switching or active demand response.

Organization of Plan-Year Report

The Compact's 2022 Plan-Year Report² is organized as follows:

- Section I provides an overview of the 2022 Plan-Year.
- Section II provides Compact-specific data tables with data at the core initiative level.
- Appendix 1 provides explanations for (a) significant variances at the core initiative level and (b) any non-cost-effective core initiatives over the three-year term, consistent with the D.P.U. 11-120, Phase II, Energy Efficiency Plan-Year Report Template.
- Appendix 2 provides the Compact's BCR screening tool in Microsoft Excel format.
- Appendix 3 provides the statewide Technical Reference Manual.
- Appendix 4 provides detail on the year's evaluation efforts, including summaries for each statewide evaluation study and a complete copy of each evaluation study.
- Appendix 5 provides the statewide performance incentive model. Since the Compact is a public entity, it does not collect any performance incentives. As such, this section is not applicable to the Compact.
- Appendix 6 provides a statewide summary on the Program Administrator's codes and standards activities.
- Appendix 7 provides a statewide summary on the Program Administrator's GHG emissions reduction activities.
- Appendix 8 provides a statewide summary on the Energy Efficiency Advisory Council ("EEAC") data requests for the 2022 Plan-Year.
- Appendix 9 provides a statewide summary on outside funding efforts for the 2022 Plan-Year.
- Appendix 10 provides a statewide summary on the co-delivery of energy efficiency and renewable energy.
- Appendix 11 provides a statewide summary on the Program Administrator's data aggregation policy and practices.
- Appendix 12 provides a study to update the heat rate and emissions factors for energy efficiency savings.
- Appendix CLC-1 provides a Compact-specific summary of shared costs and consumer advocacy matters.

² In previous annual reports, the Compact provided information on its financial reports. The Compact continues to provide its financial reports on its website at: www.capelightcompact.org/reports.

- Appendix CLC-2 provides a Compact-specific summary of commercial and industrial (“C&I”) Existing Building incentives.
- Appendix CLC-3 provides the Compact’s town activity reports for the 2022 Plan-Year.
- Appendix CLC-4 provides the Compact’s Energy Education Outreach activities for the 2022 Plan-Year.

SECTION II
CAPE LIGHT COMPACT JPE DATA TABLES

Energy Efficiency Data Tables

Overview

Cape Light Compact

June 1, 2023

DATA OVERVIEW

The following data tables provide a summary of the Program Administrator's benefits, costs, savings, and cost-effectiveness for 2022 through 2024. The planned values are consistent with each Program Administrator's 2022-2024 Three-Year Plan. The 2022 preliminary values are presented here for the first time as part of each Program Administrator's 2022 Plan Year Report.

SUPPORTING INFORMATION

The data included in these tables is based on other supporting models. The primary supporting models used by the Program Administrators in the preparation of this 2022 Plan Year Report are the Benefit-Cost Screening model and the Performance Incentive model. These exhibits should be referenced when looking for more detailed analyses, such as measure-level savings. High-level summaries for each of these models are provided below.

Benefit-Cost Screening Models

The Benefit-Cost Screening model provides measure-level savings and benefits. This model uses the avoided cost values from the 2021 Avoided Energy Supply Cost study prepared by Synapse Energy Economics, Inc.

GHG

The avoided CO₂e (metric tons) in the savings table (table IV.D.3.2.i) are calculated consistent with the methodology stipulated by the Massachusetts Executive Office of Energy and Environmental Affairs in Letter from Sec. Theoharides, "Greenhouse Gas Emissions Reduction Goal for Mass Save," July 15, 2021. See: <https://www.mass.gov/doc/greenhouse-gas-emissions-reduction-goal-for-mass-save/download>

Performance Incentive Model

The Performance Incentive model filed as part of the Joint Statewide Three-Year Plan provides support for the performance incentive dollars proposed for collection by the Program Administrator. Final performance incentive amounts will be based on the three-year term and will be subject to review and final approval in the three-year term report; the amounts shown in the Plan Year Report are based on the data available to date and will change as additional years of data are included. Performance incentives are not applicable to the Cape Light Compact.

EM&V ACTIVITIES

The Evaluation, Monitoring & Verification (EMV) Section of the Joint Statewide Three-Year Plan describes in detail the EM&V activities planned for 2022-2024. The EMV section of each Program Administrator's 2022 Plan Year Report summarizes the evaluation results completed in 2022. Those studies will impact 2023 forward. The Technical Reference Library (TRL) for 2023 will be updated to account for recent evaluation results.

2022 Plan Year Report Data Tables

Template Version: 5/30/2023

PA-Specific Information

CURRENT FILING INFORMATION

Distribution Fuel	Electric
Program Administrator	Cape Light Compact
Date of Filing	June 1, 2023
Name of Filing	2022 Plan Year Report

FILING DATES AND DOCKETS

Reporting Period	Filing Date	DPU Docket Number
2022 Plan	April 1, 2022	D.P.U. 21-126
2023 Plan	April 1, 2022	D.P.U. 21-126
2024 Plan	April 1, 2022	D.P.U. 21-126
2022 Preliminary and Evaluated	June 1, 2023	D.P.U. 23-60
2023 Preliminary and Evaluated		
2024 Preliminary and Evaluated		

RATES FOR ADJUSTMENTS

2023 Nominal Discount Rate	1.98%
2024 Nominal Discount Rate	1.98%

REFERENCED YEARS

Current Plan Year 1	2022
Current Plan Year 2	2023
Current Plan Year 3	2024
GHG Goal Year 1	2025
GHG Goal Year 2	2030

Technical Reference Library

TRL Link	https://etrm.anbetrack.com/#/workarea/home?token=6d6c45766e692f527044
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PROGRAM ADMINISTRATORS

PA Name	Distribution Company	2022-2024 Plan Docket Numbers
Cape Light Compact	Electric	D.P.U. 21-126
Eversource Electric	Electric	D.P.U. 21-129
National Grid Electric	Electric	D.P.U. 21-128
Unitil Electric	Electric	D.P.U. 21-127
Berkshire	Gas	D.P.U. 21-120
Eversource Gas (EGMA)	Gas	D.P.U. 21-121
Eversource Gas (NSTAR)	Gas	D.P.U. 21-125
National Grid Gas	Gas	D.P.U. 21-124
Liberty	Gas	D.P.U. 21-123
Unitil Gas	Gas	D.P.U. 21-122
Statewide Electric	Electric	Statewide Electric
Statewide Gas	Gas	Statewide Gas

Color Coding

Formula
PA-specific input
Filing-specific input

Selections for Data Displayed in Tables
2022 Plan Year Report
Cape Light Compact

Use the options in the boxes below to select the data shown and compared in the following data tables.

Tables with Master Data source		Selections PlanYr Tabs			Selections 3Yr Tabs		
Select the PA and corresponding Distribution Company		First Comparison	Second Comparison	Year	2022	2023	2024
Program Administrator <input type="checkbox"/> Cape Light Compact <input type="checkbox"/> Eversource Electric <input type="checkbox"/> National Grid Electric <input type="checkbox"/> Statewide Electric <input type="checkbox"/> Unitil Electric <input type="checkbox"/> Berkshire <input type="checkbox"/> Eversource Gas (EGMA) <input type="checkbox"/> Eversource Gas (NSTAR) <input type="checkbox"/> Liberty <input type="checkbox"/> National Grid Gas <input type="checkbox"/> Statewide Gas <input type="checkbox"/> Unitil Gas	Distribution Company <input type="checkbox"/> Electric <input type="checkbox"/> Gas	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> 2022 <input checked="" type="checkbox"/> 2023 <input type="checkbox"/> 2024	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary
				<p>Note: Selecting multiple years will cause errors on the Savings PlanYr tab for the ADR core initiative because totals cannot be summed across years.</p>	<p>Note: Preliminary and Evaluated data are not yet available for 2023 and 2024.</p>		

Tables with Master Electrification data source		Selections PlanYr Tabs			Selections 3Yr Tabs		
Select the PA and corresponding Distribution Company		First Comparison	Second Comparison	Year	2022	2023	2024
Program Administrator <input checked="" type="checkbox"/> Cape Light Compact <input type="checkbox"/> Eversource Electric <input type="checkbox"/> National Grid Electric <input type="checkbox"/> Statewide Electric <input type="checkbox"/> Unitil Electric <input type="checkbox"/> Berkshire <input type="checkbox"/> Eversource Gas (EGMA) <input type="checkbox"/> Eversource Gas (NSTAR) <input type="checkbox"/> Liberty <input type="checkbox"/> National Grid Gas <input type="checkbox"/> Statewide Gas <input type="checkbox"/> Unitil Gas	Distribution Company <input type="checkbox"/> Electric <input type="checkbox"/> Gas	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> 2022 <input checked="" type="checkbox"/> 2023 <input type="checkbox"/> 2024	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary	<input type="checkbox"/> Evaluated <input checked="" type="checkbox"/> Planned <input type="checkbox"/> Preliminary
					<p>Note: Preliminary and Evaluated data are not yet available for 2023 and 2024.</p>		

- Notes**
- To select more than one option, press the Control button while clicking on the options.
 - If no data is included for a Program Administrator on the MasterData tabs, then the Program Administrator's name and distribution company may not appear in the above boxes. For example, if this is a Program Administrator-specific filing, then the other Program Administrators names may not appear in the boxes for selection.

Significant Variances
2022-2024 Significant Variances

Cape Light Compact
June 1, 2023

Variances Summary			
Program	Total Program Cost Variances	Lifetime Electric Savings (MWh) Variances	Total Benefits (2022\$) Variances
A - Residential	-15%	6%	-18%
A1 - Residential New Buildings	10%	100%	-35%
A1a - Residential New Homes & Renovations	10%	100%	-35%
A2 - Residential Existing Buildings	-21%	-1%	-17%
A2a - Residential Coordinated Delivery	-38%	-42%	-39%
A2b - Residential Conservation Services (RCS)	-35%	0%	0%
A2c - Residential Retail	10%	82%	12%
A2d - Residential Behavior	0%	0%	0%
A2e - Residential Active Demand Reduction	-22%		-24%
A3 - Residential Hard-to-Measure	8%	0%	0%
B - Income Eligible	50%	-19%	13%
B1 - Income Eligible Existing Buildings	52%	-19%	13%
B1a - Income Eligible Coordinated Delivery	52%	-19%	13%
B1b - Income Eligible Active Demand Reduction	-94%		-32%
B2 - Income Eligible Hard-to-Measure	5%	0%	0%
C - Commercial & Industrial	-48%	-16%	-38%
C1 - C&I New Buildings	-49%	9%	12%
C1a - C&I New Buildings & Major Renovations	-49%	9%	12%
C2 - C&I Existing Buildings	-50%	-19%	-42%
C2a - C&I Existing Building Retrofit	-48%	-24%	-47%
C2b - C&I New & Replacement Equipment	-59%	-5%	-26%
C2c - C&I Active Demand Reduction	-24%		-61%
C3 - C&I Hard-to-Measure	-27%	0%	0%
Grand Total	-18%	-5%	-20%

Notes

- Significant variances, which require explanation, are defined as:
 - (1) variances between planned and actual core initiative budget of 15 percent or greater;
 - (2) variances between planned and preliminary core initiative total lifetime savings showing a decrease of 15 percent or greater;
 - (3) variances between planned and preliminary core initiative total benefits showing a decrease of 15 percent or greater; and
- Variances between preliminary and evaluated core initiative total resource benefits are not calculated for the first program year because of prospective evaluation.
- Variances are calculated as a percent of the three-year goal, meaning variance are calculated as the percentage difference between the percentage of the Three-Year Plan goals planned to be achieved through the Plan Year Report year compared to the percentage of the Three-Year Plan goals actually achieved through the Plan Year Report year.
- Lifetime kWh savings are displayed without fuel switching or demand response values.
- Cells highlighted in the above tables indicate that a variance is significant enough to require explanation. Refer to the Program Administrator's Plan Year Report for explanations of significant variances.

Significant Variances
2022-2024 Significant Variances
Cape Light Compact
June 1, 2023

Total Program Cost Variances								
Program	Program Costs (\$)							
	Planned				Actual	Planned v. Actual (%)		
	2022	2023	2024	2022-2024	2022	Planned 2022 % Total Plan	Actual 2022 % Total Plan	Planned v Actual (%)
A - Residential	36,267,091	38,349,720	47,373,309	121,990,120	30,891,873	30%	25%	-15%
A1 - Residential New Buildings	2,792,919	2,632,277	8,486,895	13,912,091	3,072,604	20%	22%	10%
A1a - Residential New Homes & Renovations	2,792,919	2,632,277	8,486,895	13,912,091	3,072,604	20%	22%	10%
A2 - Residential Existing Buildings	29,163,426	31,280,652	34,219,350	94,663,428	23,184,635	31%	24%	-21%
A2a - Residential Coordinated Delivery	16,365,554	16,879,386	17,787,091	51,032,032	10,132,945	32%	20%	-38%
A2b - Residential Conservation Services (RCS)	1,935,450	1,928,432	1,915,971	5,779,853	1,258,480	33%	22%	-35%
A2c - Residential Retail	10,354,856	11,869,068	13,815,152	36,039,075	11,399,068	29%	32%	10%
A2d - Residential Behavior	-	-	-	-	-	-	-	0%
A2e - Residential Active Demand Reduction	507,566	603,766	701,136	1,812,468	394,142	28%	22%	-22%
A3 - Residential Hard-to-Measure	4,310,746	4,436,791	4,667,064	13,414,601	4,634,634	32%	35%	8%
B - Income Eligible	6,271,581	6,869,259	7,340,262	20,481,103	9,402,872	31%	46%	50%
B1 - Income Eligible Existing Buildings	5,951,653	6,529,843	7,001,305	19,482,802	9,068,217	31%	47%	52%
B1a - Income Eligible Coordinated Delivery	5,950,427	6,528,455	6,999,757	19,478,639	9,068,142	31%	47%	52%
B1b - Income Eligible Active Demand Reduction	1,227	1,388	1,548	4,163	75	29%	2%	-94%
B2 - Income Eligible Hard-to-Measure	319,928	339,416	338,957	998,301	334,655	32%	34%	5%
C - Commercial & Industrial	18,192,937	19,476,052	19,246,149	56,915,139	9,414,643	32%	17%	-48%
C1 - C&I New Buildings	801,614	792,507	788,933	2,383,055	406,377	34%	17%	-49%
C1a - C&I New Buildings & Major Renovations	801,614	792,507	788,933	2,383,055	406,377	34%	17%	-49%
C2 - C&I Existing Buildings	16,158,989	17,368,214	17,167,653	50,694,856	8,105,308	32%	16%	-50%
C2a - C&I Existing Building Retrofit	12,590,211	13,366,477	12,807,056	38,763,743	6,543,147	32%	17%	-48%
C2b - C&I New & Replacement Equipment	3,292,227	3,662,315	3,916,099	10,870,641	1,352,079	30%	12%	-59%
C2c - C&I Active Demand Reduction	276,551	339,421	444,499	1,060,472	210,082	26%	20%	-24%
C3 - C&I Hard-to-Measure	1,232,334	1,315,331	1,289,563	3,837,228	902,958	32%	24%	-27%
Grand Total	60,731,610	64,695,031	73,959,720	199,386,361	49,709,388	30%	25%	-18%

Notes
Plan year core initiative significant variance explanations are required for variances between planned and actual core initiative budget of 15 percent or greater.

Significant Variances
2022-2024 Significant Variances
Cape Light Compact
June 1, 2023

Lifetime Electric Savings (MWh) Variances								
Lifetime Electric Savings (MWh), no Fuel Switching or ADR								
Program	Planned				Preliminary	Planned v. Preliminary (%)		
	2022	2023	2024	2022-2024	2022	Planned 2022 % Total Plan	Preliminary 2022 % Total Plan	Planned v Preliminary (%)
A - Residential	90,695	93,770	93,894	278,359	96,151	33%	35%	6%
A1 - Residential New Buildings	6,061	7,085	4,618	17,765	12,114	34%	68%	100%
A1a - Residential New Homes & Renovations	6,061	7,085	4,618	17,765	12,114	34%	68%	100%
A2 - Residential Existing Buildings	84,633	86,685	89,276	260,594	84,038	32%	32%	-1%
A2a - Residential Coordinated Delivery	56,250	59,034	63,465	178,749	32,446	31%	18%	-42%
A2b - Residential Conservation Services (RCS)	-	-	-	-	-			0%
A2c - Residential Retail	28,388	27,659	25,821	81,869	51,592	35%	63%	82%
A2d - Residential Behavior	-	-	-	-	-			0%
A2e - Residential Active Demand Reduction	(5)	(8)	(10)	-	-			
A3 - Residential Hard-to-Measure	-	-	-	-	-			0%
B - Income Eligible	17,217	19,508	20,904	57,629	14,019	30%	24%	-19%
B1 - Income Eligible Existing Buildings	17,217	19,508	20,904	57,629	14,019	30%	24%	-19%
B1a - Income Eligible Coordinated Delivery	17,217	19,508	20,904	57,629	14,019	30%	24%	-19%
B1b - Income Eligible Active Demand Reduction	-	(0)	(0)	-	-			
B2 - Income Eligible Hard-to-Measure	-	-	-	-	-			0%
C - Commercial & Industrial	70,644	73,846	71,023	215,514	59,370	33%	28%	-16%
C1 - C&I New Buildings	7,765	12,727	15,716	36,208	8,452	21%	23%	9%
C1a - C&I New Buildings & Major Renovations	7,765	12,727	15,716	36,208	8,452	21%	23%	9%
C2 - C&I Existing Buildings	62,880	61,119	55,307	179,305	50,919	35%	28%	-19%
C2a - C&I Existing Building Retrofit	47,067	43,015	37,282	127,363	35,895	37%	28%	-24%
C2b - C&I New & Replacement Equipment	15,826	18,122	18,053	52,001	15,024	30%	29%	-5%
C2c - C&I Active Demand Reduction	(13)	(18)	(28)	-	-			
C3 - C&I Hard-to-Measure	-	-	-	-	-			0%
Grand Total	178,556	187,124	185,821	551,501	169,540	32%	31%	-5%

Notes

- Plan year core initiative significant variance explanations are required for: (2) variances between planned and preliminary core initiative total lifetime savings showing a decrease of 15 percent or greater.
- Total lifetime savings are not calculated for active demand reduction ("ADR") measures. Correspondingly, a variance for total lifetime savings is not calculated for the ADR core initiatives in each sector.

Significant Variances

2022-2024 Significant Variances

Cape Light Compact
June 1, 2023

Total Benefits (2022\$) Variances								
Total Benefits (2022\$)								
Program	Planned				Preliminary	Planned v. Preliminary (%)		
	2022	2023	2024	2022-2024	2022	Planned 2022 % Total Plan	Preliminary 2022 % Total Plan	Planned v Preliminary (%)
A - Residential	81,885,825	89,996,462	98,196,647	270,078,934	66,879,420	30%	25%	-18%
A1 - Residential New Buildings	6,706,798	8,234,108	8,031,411	22,972,317	4,357,723	29%	19%	-35%
A1a - Residential New Homes & Renovations	6,706,798	8,234,108	8,031,411	22,972,317	4,357,723	29%	19%	-35%
A2 - Residential Existing Buildings	75,179,027	81,762,354	90,165,237	247,106,617	62,521,697	30%	25%	-17%
A2a - Residential Coordinated Delivery	42,256,832	44,227,239	46,890,906	133,374,977	25,842,500	32%	19%	-39%
A2b - Residential Conservation Services (RCS)	-	-	-	-	-			0%
A2c - Residential Retail	31,999,421	36,365,381	41,831,891	110,196,694	35,978,087	29%	33%	12%
A2d - Residential Behavior	-	-	-	-	-			0%
A2e - Residential Active Demand Reduction	922,773	1,169,735	1,442,439	3,534,947	701,110	26%	20%	-24%
A3 - Residential Hard-to-Measure	-	-	-	-	-			0%
B - Income Eligible	10,569,099	11,027,431	11,311,518	32,908,048	11,982,967	32%	36%	13%
B1 - Income Eligible Existing Buildings	10,569,099	11,027,431	11,311,518	32,908,048	11,982,967	32%	36%	13%
B1a - Income Eligible Coordinated Delivery	10,559,552	11,010,035	11,277,912	32,847,499	11,976,463	32%	36%	13%
B1b - Income Eligible Active Demand Reduction	9,547	17,396	33,605	60,549	6,504	16%	11%	-32%
B2 - Income Eligible Hard-to-Measure	-	-	-	-	-			0%
C - Commercial & Industrial	25,062,117	29,074,387	33,935,690	88,072,195	15,625,559	28%	18%	-38%
C1 - C&I New Buildings	2,018,449	3,294,008	4,097,025	9,409,482	2,263,381	21%	24%	12%
C1a - C&I New Buildings & Major Renovations	2,018,449	3,294,008	4,097,025	9,409,482	2,263,381	21%	24%	12%
C2 - C&I Existing Buildings	23,043,668	25,780,380	29,838,665	78,662,713	13,362,178	29%	17%	-42%
C2a - C&I Existing Building Retrofit	16,115,014	17,771,019	21,001,811	54,887,844	8,597,654	29%	16%	-47%
C2b - C&I New & Replacement Equipment	5,851,042	6,659,263	7,015,691	19,525,996	4,338,966	30%	22%	-26%
C2c - C&I Active Demand Reduction	1,077,612	1,350,097	1,821,163	4,248,872	425,559	25%	10%	-61%
C3 - C&I Hard-to-Measure	-	-	-	-	-			0%
Grand Total	117,517,041	130,098,281	143,443,855	391,059,176	94,487,946	30%	24%	-20%

Notes

Plan year core initiative significant variance explanations are required for: (3) variances between planned and preliminary core initiative total benefits showing a decrease of 15 percent or greater.

Program Administrator Budgets, Plan Year Summary

Planned vs. Evaluated

Cape Light Compact

June 1, 2023

2022 Planned Program Administrator Budget (\$)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	1,810,869	766,420	26,261,707	6,836,480	591,615	36,267,091	-	36,267,091	2,579	2.08
A1 - Residential New Buildings	129,413	62,190	2,257,335	343,981	-	2,792,919	-	2,792,919	7,292	2.29
A1a - Residential New Homes & Renovations	129,413	62,190	2,257,335	343,981	-	2,792,919	-	2,792,919	7,292	2.29
A2 - Residential Existing Buildings	1,378,630	502,973	21,479,372	5,802,451	-	29,163,426	-	29,163,426	2,132	2.36
A2a - Residential Coordinated Delivery	758,317	174,673	12,436,310	2,996,255	-	16,365,554	-	16,365,554	5,121	2.22
A2b - Residential Conservation Services (RCS)	101,875	27,110	-	1,806,465	-	1,935,450	-	1,935,450	-	-
A2c - Residential Retail	479,804	289,704	8,868,098	717,250	-	10,354,856	-	10,354,856	1,220	3.06
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	38,633	11,487	174,965	282,481	-	507,566	-	507,566	254	1.82
A3 - Residential Hard-to-Measure	302,826	201,258	2,525,000	690,048	591,615	4,310,746	-	4,310,746	-	-
A3a - Residential Statewide Marketing	-	137,137	-	-	-	137,137	-	137,137	-	-
A3b - Residential Statewide Database	1,949	-	-	-	-	1,949	-	1,949	-	-
A3c - Residential DOER Assessment	134,309	-	-	-	-	134,309	-	134,309	-	-
A3d - Residential Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
A3e - Residential Workforce Development	-	-	-	462,435	-	462,435	-	462,435	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	591,615	591,615	-	591,615	-	-
A3g - Residential EEAC Consultants	34,894	-	-	-	-	34,894	-	34,894	-	-
A3h - Residential R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
A3i - Residential HEAT Loan	131,673	27,121	2,500,000	182,904	-	2,841,699	-	2,841,699	-	-
A3j - Residential Education	-	37,000	-	34,708	-	71,708	-	71,708	-	-
B - Income Eligible	333,609	121,100	4,464,347	1,220,464	132,062	6,271,581	-	6,271,581	5,365	1.00
B1 - Income Eligible Existing Buildings	261,972	93,776	4,464,347	1,131,559	-	5,951,653	-	5,951,653	5,092	1.06
B1a - Income Eligible Coordinated Delivery	261,854	93,765	4,463,262	1,131,545	-	5,950,427	-	5,950,427	5,211	1.06
B1b - Income Eligible Active Demand Reduction	117	11	1,085	14	-	1,227	-	1,227	46	7.78
B2 - Income Eligible Hard-to-Measure	71,638	27,324	-	88,905	132,062	319,928	-	319,928	-	-
B2a - Income Eligible Statewide Marketing	-	27,324	-	-	-	27,324	-	27,324	-	-
B2b - Income Eligible Statewide Database	566	-	-	-	-	566	-	566	-	-
B2c - Income Eligible DOER Assessment	39,072	-	-	-	-	39,072	-	39,072	-	-
B2d - Income Eligible Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
B2e - Income Eligible Workforce Development	-	-	-	88,905	-	88,905	-	88,905	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	132,062	132,062	-	132,062	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	32,000	-	-	-	-	32,000	-	32,000	-	-
C - Commercial & Industrial	985,595	729,528	12,665,817	3,239,303	572,694	18,192,937	-	18,192,937	16,258	1.04
C1 - C&I New Buildings	44,403	10,924	566,187	180,100	-	801,614	-	801,614	9,431	2.01
C1a - C&I New Buildings & Major Renovations	44,403	10,924	566,187	180,100	-	801,614	-	801,614	9,431	2.01
C2 - C&I Existing Buildings	839,118	671,965	12,074,630	2,573,277	-	16,158,989	-	16,158,989	15,628	1.07
C2a - C&I Existing Building Retrofit	654,872	518,139	9,334,895	2,082,305	-	12,590,211	-	12,590,211	25,435	0.95
C2b - C&I New & Replacement Equipment	165,829	148,437	2,573,485	404,476	-	3,292,227	-	3,292,227	6,760	1.27
C2c - C&I Active Demand Reduction	18,416	5,389	166,250	86,496	-	276,551	-	276,551	5,318	3.90
C3 - C&I Hard-to-Measure	102,074	46,639	25,000	485,927	572,694	1,232,334	-	1,232,334	-	-
C3a - C&I Statewide Marketing	-	46,639	-	-	-	46,639	-	46,639	-	-
C3b - C&I Statewide Database	2,125	-	-	-	-	2,125	-	2,125	-	-
C3c - C&I DOER Assessment	70,818	-	-	-	-	70,818	-	70,818	-	-
C3d - C&I Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
C3e - C&I Workforce Development	-	-	-	475,927	-	475,927	-	475,927	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	572,694	572,694	-	572,694	-	-
C3g - C&I EEAC Consultants	29,132	-	-	-	-	29,132	-	29,132	-	-
C3h - C&I R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
Grand Total	3,130,074	1,617,048	43,391,871	11,296,247	1,296,370	60,731,610	-	60,731,610	3,714	1.65

Program Administrator Budgets, Plan Year Summary

Planned vs. Evaluated

Cape Light Compact

June 1, 2023

2022 Evaluated Program Administrator Budget (%)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	1,867,880	599,236	22,944,472	4,904,918	575,367	30,891,873		30,891,873	1,713	1.98
A1 - Residential New Buildings	133,046	46,461	2,654,917	238,180	-	3,072,604		3,072,604	5,173	1.29
A1a - Residential New Homes & Renovations	133,046	46,461	2,654,917	238,180	-	3,072,604		3,072,604	5,173	1.29
A2 - Residential Existing Buildings	1,402,590	394,840	17,219,988	4,167,217	-	23,184,635		23,184,635	1,329	2.47
A2a - Residential Coordinated Delivery	779,604	163,158	7,274,806	1,915,377	-	10,132,945		10,132,945	1,772	2.08
A2b - Residential Conservation Services (RCS)	105,534	14,044	-	1,138,902	-	1,258,480		1,258,480	-	-
A2c - Residential Retail	493,273	214,731	9,767,382	923,682	-	11,399,068		11,399,068	1,330	3.12
A2d - Residential Behavior	-	-	-	-	-	-		-	-	-
A2e - Residential Active Demand Reduction	24,179	2,908	177,800	189,256	-	394,142		394,142	125	1.78
A3 - Residential Hard-to-Measure	332,244	157,935	3,069,567	499,521	575,367	4,634,634		4,634,634	-	-
A3a - Residential Statewide Marketing	-	118,884	-	-	-	118,884		118,884	-	-
A3b - Residential Statewide Database	1,778	-	-	-	-	1,778		1,778	-	-
A3c - Residential DOER Assessment	159,153	-	-	-	-	159,153		159,153	-	-
A3d - Residential Sponsorships & Subscriptions	5,761	15,000	-	-	-	20,761		20,761	-	-
A3e - Residential Workforce Development	-	4,559	-	305,950	-	310,510		310,510	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	575,367	575,367		575,367	-	-
A3g - Residential EEAC Consultants	30,182	-	-	-	-	30,182		30,182	-	-
A3h - Residential R&D and Demonstration	-	-	-	-	-	-		-	-	-
A3i - Residential HEAT Loan	135,370	16,318	3,069,567	176,990	-	3,398,245		3,398,245	-	-
A3j - Residential Education	-	3,173	-	16,581	-	19,753		19,753	-	-
B - Income Eligible	328,174	84,086	7,109,737	1,713,222	167,654	9,402,872		9,402,872	4,933	0.97
B1 - Income Eligible Existing Buildings	270,604	56,901	7,109,737	1,630,974	-	9,068,217		9,068,217	4,758	1.00
B1a - Income Eligible Coordinated Delivery	270,549	56,894	7,109,737	1,630,962	-	9,068,142		9,068,142	4,852	1.00
B1b - Income Eligible Active Demand Reduction	56	7	-	12	-	75		75	2	86.39
B2 - Income Eligible Hard-to-Measure	57,569	27,184	-	82,248	167,654	334,655		334,655	-	-
B2a - Income Eligible Statewide Marketing	-	26,533	-	-	-	26,533		26,533	-	-
B2b - Income Eligible Statewide Database	306	-	-	-	-	306		306	-	-
B2c - Income Eligible DOER Assessment	26,091	-	-	-	-	26,091		26,091	-	-
B2d - Income Eligible Sponsorships & Subscriptions	944	-	-	-	-	944		944	-	-
B2e - Income Eligible Workforce Development	-	651	-	82,248	-	82,899		82,899	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	167,654	167,654		167,654	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	30,228	-	-	-	-	30,228		30,228	-	-
C - Commercial & Industrial	970,349	321,828	6,114,564	1,559,891	448,012	9,414,643		9,414,643	7,122	1.30
C1 - C&I New Buildings	40,863	4,487	250,020	111,007	-	406,377		406,377	12,699	4.53
C1a - C&I New Buildings & Major Renovations	40,863	4,487	250,020	111,007	-	406,377		406,377	12,699	4.53
C2 - C&I Existing Buildings	824,905	264,212	5,864,544	1,151,647	-	8,105,308		8,105,308	6,283	1.28
C2a - C&I Existing Building Retrofit	644,744	183,488	4,983,471	731,444	-	6,543,147		6,543,147	10,256	1.02
C2b - C&I New & Replacement Equipment	166,338	79,176	823,402	283,163	-	1,352,079		1,352,079	2,123	2.40
C2c - C&I Active Demand Reduction	13,824	1,548	57,671	137,039	-	210,082		210,082	14,005	2.03
C3 - C&I Hard-to-Measure	104,581	53,128	-	297,238	448,012	902,958		902,958	-	-
C3a - C&I Statewide Marketing	-	51,826	-	-	-	51,826		51,826	-	-
C3b - C&I Statewide Database	981	-	-	-	-	981		981	-	-
C3c - C&I DOER Assessment	75,663	-	-	-	-	75,663		75,663	-	-
C3d - C&I Sponsorships & Subscriptions	2,739	-	-	-	-	2,739		2,739	-	-
C3e - C&I Workforce Development	-	1,303	-	297,238	-	298,540		298,540	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	448,012	448,012		448,012	-	-
C3g - C&I EEAC Consultants	25,198	-	-	-	-	25,198		25,198	-	-
C3h - C&I R&D and Demonstration	-	-	-	-	-	-		-	-	-
Grand Total	3,166,402	1,005,150	36,168,773	8,178,030	1,191,033	49,709,388		49,709,388	2,338	1.66

Program Administrator Budgets, Plan Year Summary
Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Planned v. Evaluated Program Administrator Budget Variances (%)												
Program	Program Costs							Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost	
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs						
A - Residential	3%	-22%	-13%	-28%	-3%	-15%	0%	-15%	-34%	-4%		
A1 - Residential New Buildings	3%	-25%	18%	-31%	0%	10%	0%	10%	-29%	-44%		
A1a - Residential New Homes & Renovations	3%	-25%	18%	-31%	0%	10%	0%	10%	-29%	-44%		
A2 - Residential Existing Buildings	2%	-21%	-20%	-21%	0%	-21%	0%	-21%	-38%	5%		
A2a - Residential Coordinated Delivery	3%	-7%	-42%	-36%	0%	-38%	0%	-38%	-65%	-6%		
A2b - Residential Conservation Services (RCS)	4%	-48%	0%	-37%	0%	-35%	0%	-35%	0%	0%		
A2c - Residential Retail	3%	-26%	10%	29%	0%	10%	0%	10%	9%	2%		
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
A2e - Residential Active Demand Reduction	-37%	-75%	2%	-33%	0%	-22%	0%	-22%	-51%	-2%		
A3 - Residential Hard-to-Measure	10%	-22%	22%	-28%	-3%	8%	0%	8%	0%	0%		
A3a - Residential Statewide Marketing	0%	-13%	0%	0%	0%	-13%	0%	-13%	0%	0%		
A3b - Residential Statewide Database	-9%	0%	0%	0%	0%	-9%	0%	-9%	0%	0%		
A3c - Residential DOER Assessment	18%	0%	0%	0%	0%	18%	0%	18%	0%	0%		
A3d - Residential Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
A3e - Residential Workforce Development	0%	0%	0%	-34%	0%	-33%	0%	-33%	0%	0%		
A3f - Residential Evaluation and Market Research	0%	0%	0%	0%	-3%	-3%	0%	-3%	0%	0%		
A3g - Residential EEAC Consultants	-14%	0%	0%	0%	0%	-14%	0%	-14%	0%	0%		
A3h - Residential R&D and Demonstration	0%	0%	-100%	-100%	0%	-100%	0%	-100%	0%	0%		
A3i - Residential HEAT Loan	3%	-40%	23%	-3%	0%	20%	0%	20%	0%	0%		
A3j - Residential Education	0%	-91%	0%	-52%	0%	-72%	0%	-72%	0%	0%		
B - Income Eligible	-2%	-31%	59%	40%	27%	50%	0%	50%	-8%	-4%		
B1 - Income Eligible Existing Buildings	3%	-39%	59%	44%	0%	52%	0%	52%	-7%	-5%		
B1a - Income Eligible Coordinated Delivery	3%	-39%	59%	44%	0%	52%	0%	52%	-7%	-5%		
B1b - Income Eligible Active Demand Reduction	-52%	-35%	-100%	-9%	0%	-94%	0%	-94%	-96%	1010%		
B2 - Income Eligible Hard-to-Measure	-20%	-1%	0%	-7%	27%	5%	0%	5%	0%	0%		
B2a - Income Eligible Statewide Marketing	0%	-3%	0%	0%	0%	-3%	0%	-3%	0%	0%		
B2b - Income Eligible Statewide Database	-46%	0%	0%	0%	0%	-46%	0%	-46%	0%	0%		
B2c - Income Eligible DOER Assessment	-33%	0%	0%	0%	0%	-33%	0%	-33%	0%	0%		
B2d - Income Eligible Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
B2e - Income Eligible Workforce Development	0%	0%	0%	-7%	0%	-7%	0%	-7%	0%	0%		
B2f - Income Eligible Evaluation and Market Research	0%	0%	0%	0%	27%	27%	0%	27%	0%	0%		
B2g - Low-Income Energy Affordability Network (LEAN)	-6%	0%	0%	0%	0%	-6%	0%	-6%	0%	0%		
C - Commercial & Industrial	-2%	-56%	-52%	-52%	-22%	-48%	0%	-48%	-56%	25%		
C1 - C&I New Buildings	-8%	-59%	-56%	-38%	0%	-49%	0%	-49%	35%	126%		
C1a - C&I New Buildings & Major Renovations	-8%	-59%	-56%	-38%	0%	-49%	0%	-49%	35%	126%		
C2 - C&I Existing Buildings	-2%	-61%	-51%	-55%	0%	-50%	0%	-50%	-60%	20%		
C2a - C&I Existing Building Retrofit	-2%	-65%	-47%	-65%	0%	-48%	0%	-48%	-60%	7%		
C2b - C&I New & Replacement Equipment	0%	-47%	-68%	-30%	0%	-59%	0%	-59%	-69%	89%		
C2c - C&I Active Demand Reduction	-25%	-71%	-65%	58%	0%	-24%	0%	-24%	163%	-48%		
C3 - C&I Hard-to-Measure	2%	14%	-100%	-39%	-22%	-27%	0%	-27%	0%	0%		
C3a - C&I Statewide Marketing	0%	11%	0%	0%	0%	11%	0%	11%	0%	0%		
C3b - C&I Statewide Database	-54%	0%	0%	0%	0%	-54%	0%	-54%	0%	0%		
C3c - C&I DOER Assessment	7%	0%	0%	0%	0%	7%	0%	7%	0%	0%		
C3d - C&I Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
C3e - C&I Workforce Development	0%	0%	0%	-38%	0%	-37%	0%	-37%	0%	0%		
C3f - C&I Evaluation and Market Research	0%	0%	0%	0%	-22%	-22%	0%	-22%	0%	0%		
C3g - C&I EEAC Consultants	-14%	0%	0%	0%	0%	-14%	0%	-14%	0%	0%		
C3h - C&I R&D and Demonstration	0%	0%	-100%	-100%	0%	-100%	0%	-100%	0%	0%		
Grand Total	1%	-38%	-17%	-28%	-8%	-18%	0%	-18%	-37%	0%		

Notes

- Where not otherwise indicated, budgets for each year are represented in nominal dollars (2022\$, 2023\$, 2024\$).
- Refer to common definitions for allocation of costs.
- The plan year variances provided above are intended to indicate the Program Administrator's performance in the plan year only. The variances used to determine significant variances are provided separately. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

Program Administrator Budgets, Three-Year Total

2022-2024 Program Administrator Budget (\$)

Cape Light Compact

June 1, 2023

2022 Evaluated Program Administrator Budget (\$)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	1,867,880	599,236	22,944,472	4,904,918	575,367	30,891,873		30,891,873	1,713	1.98
A1 - Residential New Buildings	133,046	46,461	2,654,917	238,180	-	3,072,604		3,072,604	5,173	1.29
A1a - Residential New Homes & Renovations	133,046	46,461	2,654,917	238,180	-	3,072,604		3,072,604	5,173	1.29
A2 - Residential Existing Buildings	1,402,590	394,840	17,219,988	4,167,217	-	23,184,635		23,184,635	1,329	2.47
A2a - Residential Coordinated Delivery	779,604	163,158	7,274,806	1,915,377	-	10,132,945		10,132,945	1,772	2.08
A2b - Residential Conservation Services (RCS)	105,534	14,044	-	1,138,902	-	1,258,480		1,258,480	-	-
A2c - Residential Retail	493,273	214,731	9,767,382	923,682	-	11,399,068		11,399,068	1,330	3.12
A2d - Residential Behavior	-	-	-	-	-	-		-	-	-
A2e - Residential Active Demand Reduction	24,179	2,908	177,800	189,256	-	394,142		394,142	125	1.78
A3 - Residential Hard-to-Measure	332,244	157,935	3,069,567	499,521	575,367	4,634,634		4,634,634	-	-
A3a - Residential Statewide Marketing	-	118,884	-	-	-	118,884		118,884	-	-
A3b - Residential Statewide Database	1,778	-	-	-	-	1,778		1,778	-	-
A3c - Residential DOER Assessment	159,153	-	-	-	-	159,153		159,153	-	-
A3d - Residential Sponsorships & Subscriptions	5,761	15,000	-	-	-	20,761		20,761	-	-
A3e - Residential Workforce Development	-	4,559	-	305,950	-	310,510		310,510	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	575,367	575,367		575,367	-	-
A3g - Residential EEAC Consultants	30,182	-	-	-	-	30,182		30,182	-	-
A3h - Residential R&D and Demonstration	-	-	-	-	-	-		-	-	-
A3i - Residential HEAT Loan	135,370	16,318	3,069,567	176,990	-	3,398,245		3,398,245	-	-
A3j - Residential Education	-	3,173	-	16,581	-	19,753		19,753	-	-
B - Income Eligible	328,174	84,086	7,109,737	1,713,222	167,654	9,402,872		9,402,872	4,933	0.97
B1 - Income Eligible Existing Buildings	270,604	56,901	7,109,737	1,630,974	-	9,068,217		9,068,217	4,758	1.00
B1a - Income Eligible Coordinated Delivery	270,549	56,894	7,109,737	1,630,962	-	9,068,142		9,068,142	4,852	1.00
B1b - Income Eligible Active Demand Reduction	56	7	-	12	-	75		75	2	86.39
B2 - Income Eligible Hard-to-Measure	57,569	27,184	-	82,248	167,654	334,655		334,655	-	-
B2a - Income Eligible Statewide Marketing	-	26,533	-	-	-	26,533		26,533	-	-
B2b - Income Eligible Statewide Database	306	-	-	-	-	306		306	-	-
B2c - Income Eligible DOER Assessment	26,091	-	-	-	-	26,091		26,091	-	-
B2d - Income Eligible Sponsorships & Subscriptions	944	-	-	-	-	944		944	-	-
B2e - Income Eligible Workforce Development	-	651	-	82,248	-	82,899		82,899	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	167,654	167,654		167,654	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	30,228	-	-	-	-	30,228		30,228	-	-
C - Commercial & Industrial	970,349	321,828	6,114,564	1,559,891	448,012	9,414,643		9,414,643	7,122	1.30
C1 - C&I New Buildings	40,863	4,487	250,020	111,007	-	406,377		406,377	12,699	4.53
C1a - C&I New Buildings & Major Renovations	40,863	4,487	250,020	111,007	-	406,377		406,377	12,699	4.53
C2 - C&I Existing Buildings	824,905	264,212	5,864,544	1,151,647	-	8,105,308		8,105,308	6,283	1.28
C2a - C&I Existing Building Retrofit	644,744	183,488	4,983,471	731,444	-	6,543,147		6,543,147	10,256	1.02
C2b - C&I New & Replacement Equipment	166,338	79,176	823,402	283,163	-	1,352,079		1,352,079	2,123	2.40
C2c - C&I Active Demand Reduction	13,824	1,548	57,671	137,039	-	210,082		210,082	14,005	2.03
C3 - C&I Hard-to-Measure	104,581	53,128	-	297,238	448,012	902,958		902,958	-	-
C3a - C&I Statewide Marketing	-	51,826	-	-	-	51,826		51,826	-	-
C3b - C&I Statewide Database	981	-	-	-	-	981		981	-	-
C3c - C&I DOER Assessment	75,663	-	-	-	-	75,663		75,663	-	-
C3d - C&I Sponsorships & Subscriptions	2,739	-	-	-	-	2,739		2,739	-	-
C3e - C&I Workforce Development	-	1,303	-	297,238	-	298,540		298,540	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	448,012	448,012		448,012	-	-
C3g - C&I EEAC Consultants	25,198	-	-	-	-	25,198		25,198	-	-
C3h - C&I R&D and Demonstration	-	-	-	-	-	-		-	-	-
Grand Total	3,166,402	1,005,150	36,168,773	8,178,030	1,191,033	49,709,388		49,709,388	2,338	1.66

**Program Administrator Budgets, Three-Year Total
2022-2024 Program Administrator Budget (\$)**

Cape Light Compact
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2023 Planned Program Administrator Budget (\$)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	1,832,326	727,739	28,219,992	6,901,691	667,971	38,349,720	-	38,349,720	2,659	2.17
A1 - Residential New Buildings	119,484	56,859	2,101,015	354,920	-	2,632,277	-	2,632,277	6,927	2.99
A1a - Residential New Homes & Renovations	119,484	56,859	2,101,015	354,920	-	2,632,277	-	2,632,277	6,927	2.99
A2 - Residential Existing Buildings	1,412,121	471,921	23,548,999	5,847,611	-	31,280,652	-	31,280,652	2,227	2.41
A2a - Residential Coordinated Delivery	731,152	150,460	13,018,339	2,979,436	-	16,879,386	-	16,879,386	5,257	2.27
A2b - Residential Conservation Services (RCS)	99,729	24,182	-	1,804,521	-	1,928,432	-	1,928,432	-	-
A2c - Residential Retail	538,760	285,846	10,291,473	752,990	-	11,869,068	-	11,869,068	1,399	3.04
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	42,479	11,434	239,188	310,665	-	603,766	-	603,766	257	1.94
A3 - Residential Hard-to-Measure	300,721	198,960	2,569,979	699,160	667,971	4,436,791	-	4,436,791	-	-
A3a - Residential Statewide Marketing	-	137,137	-	-	-	137,137	-	137,137	-	-
A3b - Residential Statewide Database	1,949	-	-	-	-	1,949	-	1,949	-	-
A3c - Residential DOER Assessment	134,309	-	-	-	-	134,309	-	134,309	-	-
A3d - Residential Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
A3e - Residential Workforce Development	-	-	-	473,403	-	473,403	-	473,403	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	667,971	667,971	-	667,971	-	-
A3g - Residential EEAC Consultants	35,941	-	-	-	-	35,941	-	35,941	-	-
A3h - Residential R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
A3i - Residential HEAT Loan	128,523	22,823	2,544,979	180,049	-	2,876,374	-	2,876,374	-	-
A3j - Residential Education	-	39,000	-	35,708	-	74,708	-	74,708	-	-
B - Income Eligible	353,938	116,387	4,958,391	1,290,731	149,812	6,869,259	-	6,869,259	7,025	1.03
B1 - Income Eligible Existing Buildings	281,300	89,063	4,958,391	1,201,089	-	6,529,843	-	6,529,843	6,678	1.08
B1a - Income Eligible Coordinated Delivery	281,177	89,053	4,957,151	1,201,074	-	6,528,455	-	6,528,455	6,894	1.08
B1b - Income Eligible Active Demand Reduction	123	10	1,240	15	-	1,388	-	1,388	45	12.53
B2 - Income Eligible Hard-to-Measure	72,638	27,324	-	89,642	149,812	339,416	-	339,416	-	-
B2a - Income Eligible Statewide Marketing	-	27,324	-	-	-	27,324	-	27,324	-	-
B2b - Income Eligible Statewide Database	566	-	-	-	-	566	-	566	-	-
B2c - Income Eligible DOER Assessment	39,072	-	-	-	-	39,072	-	39,072	-	-
B2d - Income Eligible Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
B2e - Income Eligible Workforce Development	-	-	-	89,642	-	89,642	-	89,642	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	149,812	149,812	-	149,812	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	33,000	-	-	-	-	33,000	-	33,000	-	-
C - Commercial & Industrial	1,024,216	689,614	13,921,557	3,196,263	644,402	19,476,052	-	19,476,052	17,010	1.14
C1 - C&I New Buildings	43,029	9,707	562,083	177,689	-	792,507	-	792,507	9,324	3.24
C1a - C&I New Buildings & Major Renovations	43,029	9,707	562,083	177,689	-	792,507	-	792,507	9,324	3.24
C2 - C&I Existing Buildings	878,239	633,268	13,334,473	2,522,233	-	17,368,214	-	17,368,214	16,385	1.13
C2a - C&I Existing Building Retrofit	677,393	486,453	10,183,939	2,018,691	-	13,366,477	-	13,366,477	25,705	1.01
C2b - C&I New & Replacement Equipment	179,737	141,371	2,928,284	412,924	-	3,662,315	-	3,662,315	7,598	1.32
C2c - C&I Active Demand Reduction	21,109	5,444	222,250	90,618	-	339,421	-	339,421	5,852	3.98
C3 - C&I Hard-to-Measure	102,948	46,639	25,000	496,342	644,402	1,315,331	-	1,315,331	-	-
C3a - C&I Statewide Marketing	-	46,639	-	-	-	46,639	-	46,639	-	-
C3b - C&I Statewide Database	2,125	-	-	-	-	2,125	-	2,125	-	-
C3c - C&I DOER Assessment	70,818	-	-	-	-	70,818	-	70,818	-	-
C3d - C&I Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
C3e - C&I Workforce Development	-	-	-	486,342	-	486,342	-	486,342	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	644,402	644,402	-	644,402	-	-
C3g - C&I EEAC Consultants	30,006	-	-	-	-	30,006	-	30,006	-	-
C3h - C&I R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
Grand Total	3,210,480	1,533,740	47,099,940	11,388,685	1,462,185	64,695,031	-	64,695,031	3,910	1.74

Program Administrator Budgets, Three-Year Total
2022-2024 Program Administrator Budget (\$)
Cape Light Compact
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2024 Planned Program Administrator Budget (\$)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	2,090,978	759,571	36,654,901	7,021,181	846,679	47,373,309	-	47,373,309	3,205	1.94
A1 - Residential New Buildings	367,066	94,583	7,557,027	468,219	-	8,486,895	-	8,486,895	28,056	0.91
A1a - Residential New Homes & Renovations	367,066	94,583	7,557,027	468,219	-	8,486,895	-	8,486,895	28,056	0.91
A2 - Residential Existing Buildings	1,428,966	465,931	26,443,774	5,880,680	-	34,219,350	-	34,219,350	2,364	2.45
A2a - Residential Coordinated Delivery	691,066	139,468	13,978,491	2,978,067	-	17,787,091	-	17,787,091	5,505	2.31
A2b - Residential Conservation Services (RCS)	95,061	22,887	-	1,798,023	-	1,915,971	-	1,915,971	-	-
A2c - Residential Retail	597,517	291,878	12,159,723	766,033	-	13,815,152	-	13,815,152	1,628	3.01
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	45,322	11,698	305,561	338,557	-	701,136	-	701,136	254	2.06
A3 - Residential Hard-to-Measure	294,946	199,058	2,654,100	672,281	846,679	4,667,064	-	4,667,064	-	-
A3a - Residential Statewide Marketing	-	137,137	-	-	-	137,137	-	137,137	-	-
A3b - Residential Statewide Database	1,949	-	-	-	-	1,949	-	1,949	-	-
A3c - Residential DOER Assessment	134,309	-	-	-	-	134,309	-	134,309	-	-
A3d - Residential Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
A3e - Residential Workforce Development	-	-	-	455,065	-	455,065	-	455,065	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	846,679	846,679	-	846,679	-	-
A3g - Residential EEAC Consultants	37,019	-	-	-	-	37,019	-	37,019	-	-
A3h - Residential R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
A3i - Residential HEAT Loan	121,669	20,921	2,629,100	170,509	-	2,942,199	-	2,942,199	-	-
A3j - Residential Education	-	41,000	-	36,708	-	77,708	-	77,708	-	-
B - Income Eligible	362,411	115,292	5,363,917	1,349,072	149,569	7,340,262	-	7,340,262	10,033	1.09
B1 - Income Eligible Existing Buildings	288,773	87,969	5,363,917	1,260,646	-	7,001,305	-	7,001,305	9,570	1.14
B1a - Income Eligible Coordinated Delivery	288,646	87,958	5,362,522	1,260,631	-	6,999,757	-	6,999,757	10,043	1.14
B1b - Income Eligible Active Demand Reduction	127	11	1,395	15	-	1,548	-	1,548	45	21.71
B2 - Income Eligible Hard-to-Measure	73,638	27,324	-	88,426	149,569	338,957	-	338,957	-	-
B2a - Income Eligible Statewide Marketing	-	27,324	-	-	-	27,324	-	27,324	-	-
B2b - Income Eligible Statewide Database	566	-	-	-	-	566	-	566	-	-
B2c - Income Eligible DOER Assessment	39,072	-	-	-	-	39,072	-	39,072	-	-
B2d - Income Eligible Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
B2e - Income Eligible Workforce Development	-	-	-	88,426	-	88,426	-	88,426	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	149,569	149,569	-	149,569	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	34,000	-	-	-	-	34,000	-	34,000	-	-
C - Commercial & Industrial	989,746	636,624	14,517,553	2,467,090	635,136	19,246,149	-	19,246,149	16,366	1.36
C1 - C&I New Buildings	41,733	9,166	559,424	178,609	-	788,933	-	788,933	9,282	4.03
C1a - C&I New Buildings & Major Renovations	41,733	9,166	559,424	178,609	-	788,933	-	788,933	9,282	4.03
C2 - C&I Existing Buildings	844,164	580,819	13,933,129	1,809,542	-	17,167,653	-	17,167,653	15,736	1.34
C2a - C&I Existing Building Retrofit	632,308	434,266	10,368,731	1,371,751	-	12,807,056	-	12,807,056	23,499	1.26
C2b - C&I New & Replacement Equipment	186,337	140,643	3,249,398	339,721	-	3,916,099	-	3,916,099	8,210	1.29
C2c - C&I Active Demand Reduction	25,519	5,911	315,000	98,070	-	444,499	-	444,499	6,442	4.10
C3 - C&I Hard-to-Measure	103,848	46,639	25,000	478,939	635,136	1,289,563	-	1,289,563	-	-
C3a - C&I Statewide Marketing	-	46,639	-	-	-	46,639	-	46,639	-	-
C3b - C&I Statewide Database	2,125	-	-	-	-	2,125	-	2,125	-	-
C3c - C&I DOER Assessment	70,818	-	-	-	-	70,818	-	70,818	-	-
C3d - C&I Sponsorships & Subscriptions	-	-	-	-	-	-	-	-	-	-
C3e - C&I Workforce Development	-	-	-	468,939	-	468,939	-	468,939	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	635,136	635,136	-	635,136	-	-
C3g - C&I EEAC Consultants	30,906	-	-	-	-	30,906	-	30,906	-	-
C3h - C&I R&D and Demonstration	-	-	25,000	10,000	-	35,000	-	35,000	-	-
Grand Total	3,443,134	1,511,488	56,536,371	10,837,343	1,631,384	73,959,720	-	73,959,720	4,432	1.70

Program Administrator Budgets, Three-Year Total

2022-2024 Program Administrator Budget (\$)

Cape Light Compact

June 1, 2023

2022-2024 Program Administrator Budget (\$)										
Program	Program Costs						Performance Incentive	Total Program Administrator Budget	Program Cost per Participant	Resource Benefit per Program Cost
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs				
A - Residential	2,090,978	2,086,547	87,819,365	18,827,789	2,090,016	116,614,901	-	116,614,901	2,526	2.03
A1 - Residential New Buildings	367,066	197,903	12,312,959	1,061,319	-	14,191,776	-	14,191,776	13,385	1.73
A1a - Residential New Homes & Renovations	367,066	197,903	12,312,959	1,061,319	-	14,191,776	-	14,191,776	13,385	1.73
A2 - Residential Existing Buildings	1,428,966	1,332,692	67,212,760	15,895,508	-	88,684,637	-	88,684,637	1,973	2.45
A2a - Residential Coordinated Delivery	691,066	453,085	34,271,635	7,872,880	-	44,799,422	-	44,799,422	4,178	2.22
A2b - Residential Conservation Services (RCS)	95,061	61,113	-	4,741,445	-	5,102,883	-	5,102,883	-	-
A2c - Residential Retail	597,517	792,455	32,218,577	2,442,705	-	37,083,288	-	37,083,288	1,452	3.05
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	45,322	26,039	722,548	838,478	-	1,699,044	-	1,699,044	212	1.92
A3 - Residential Hard-to-Measure	294,946	555,952	8,293,647	1,870,962	2,090,016	13,738,489	-	13,738,489	-	-
A3a - Residential Statewide Marketing	-	393,158	-	-	-	393,158	-	393,158	-	-
A3b - Residential Statewide Database	1,949	-	-	-	-	5,675	-	5,675	-	-
A3c - Residential DOER Assessment	134,309	-	-	-	-	427,772	-	427,772	-	-
A3d - Residential Sponsorships & Subscriptions	-	15,000	-	-	-	20,761	-	20,761	-	-
A3e - Residential Workforce Development	-	4,559	-	1,234,418	-	1,238,977	-	1,238,977	-	-
A3f - Residential Evaluation and Market Research	-	-	-	-	2,090,016	2,090,016	-	2,090,016	-	-
A3g - Residential EEAC Consultants	37,019	-	-	-	-	103,142	-	103,142	-	-
A3h - Residential R&D and Demonstration	-	-	50,000	20,000	-	70,000	-	70,000	-	-
A3i - Residential HEAT Loan	121,669	60,062	8,243,647	527,548	-	9,216,818	-	9,216,818	-	-
A3j - Residential Education	-	83,173	-	88,997	-	172,169	-	172,169	-	-
B - Income Eligible	362,411	315,765	17,432,046	4,353,025	467,035	23,612,394	-	23,612,394	7,331	1.03
B1 - Income Eligible Existing Buildings	288,773	233,933	17,432,046	4,092,709	-	22,599,365	-	22,599,365	7,002	1.07
B1a - Income Eligible Coordinated Delivery	288,646	233,905	17,429,411	4,092,667	-	22,596,354	-	22,596,354	7,263	1.07
B1b - Income Eligible Active Demand Reduction	127	28	2,635	42	-	3,011	-	3,011	31	40.21
B2 - Income Eligible Hard-to-Measure	73,638	81,832	-	260,316	467,035	1,013,028	-	1,013,028	-	-
B2a - Income Eligible Statewide Marketing	-	81,180	-	-	-	81,180	-	81,180	-	-
B2b - Income Eligible Statewide Database	566	-	-	-	-	1,439	-	1,439	-	-
B2c - Income Eligible DOER Assessment	39,072	-	-	-	-	104,234	-	104,234	-	-
B2d - Income Eligible Sponsorships & Subscriptions	-	-	-	-	-	944	-	944	-	-
B2e - Income Eligible Workforce Development	-	651	-	260,316	-	260,967	-	260,967	-	-
B2f - Income Eligible Evaluation and Market Research	-	-	-	-	467,035	467,035	-	467,035	-	-
B2g - Low-Income Energy Affordability Network (LEAN)	97,228	-	-	-	-	97,228	-	97,228	-	-
C - Commercial & Industrial	989,746	1,648,066	34,553,674	7,223,244	1,727,550	48,136,844	-	48,136,844	13,499	1.27
C1 - C&I New Buildings	41,733	23,360	1,371,528	467,304	-	1,987,817	-	1,987,817	10,435	3.94
C1a - C&I New Buildings & Major Renovations	41,733	23,360	1,371,528	467,304	-	1,987,817	-	1,987,817	10,435	3.94
C2 - C&I Existing Buildings	844,164	1,478,299	33,132,146	5,483,421	-	42,641,175	-	42,641,175	12,801	1.25
C2a - C&I Existing Building Retrofit	632,308	1,104,207	25,536,141	4,121,887	-	32,716,680	-	32,716,680	19,820	1.10
C2b - C&I New & Replacement Equipment	186,337	361,190	7,001,084	1,035,807	-	8,930,493	-	8,930,493	5,977	1.67
C2c - C&I Active Demand Reduction	25,519	12,903	594,921	325,727	-	994,002	-	994,002	8,767	3.37
C3 - C&I Hard-to-Measure	103,848	146,406	50,000	1,272,519	1,727,550	3,507,852	-	3,507,852	-	-
C3a - C&I Statewide Marketing	-	145,104	-	-	-	145,104	-	145,104	-	-
C3b - C&I Statewide Database	2,125	-	-	-	-	5,231	-	5,231	-	-
C3c - C&I DOER Assessment	70,818	-	-	-	-	217,298	-	217,298	-	-
C3d - C&I Sponsorships & Subscriptions	-	-	-	-	-	2,739	-	2,739	-	-
C3e - C&I Workforce Development	-	1,303	-	1,252,519	-	1,253,821	-	1,253,821	-	-
C3f - C&I Evaluation and Market Research	-	-	-	-	1,727,550	1,727,550	-	1,727,550	-	-
C3g - C&I EEAC Consultants	30,906	-	-	-	-	86,109	-	86,109	-	-
C3h - C&I R&D and Demonstration	-	-	50,000	20,000	-	70,000	-	70,000	-	-
Grand Total	3,443,134	4,050,378	139,805,085	30,404,059	4,284,602	188,364,140	-	188,364,140	3,560	1.70

Notes

- Where not otherwise indicated, budgets for each year are represented in nominal dollars (2022\$, 2023\$, 2024\$).
- Refer to common definitions for allocation of costs.

Program Savings, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Planned Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	14,062	2,806	(122)	867	(44)	6,190	4,467	(410)	(5,330)	54,702	1,057,728	33,468	646,400
A1 - Residential New Buildings	383	20	59	229	5,579	1,609	32,817	-	-	(492)	(8,335)	4,561	115,646
A1a - Residential New Homes & Renovations	383	20	59	229	5,579	1,609	32,817	-	-	(492)	(8,335)	4,561	115,646
A2 - Residential Existing Buildings	13,679	2,786	(181)	638	(5,623)	4,581	(28,350)	(410)	(5,330)	55,195	1,066,064	28,906	530,754
A2a - Residential Coordinated Delivery	3,196	299	793	3,539	59,791	24,858	333,413	-	-	27,749	583,695	5,512	116,460
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	8,485	335	(975)	(2,896)	(61,409)	(20,233)	(361,720)	(410)	(5,330)	27,446	482,368	23,395	414,294
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1,998	2,152	-	(5)	(5)	(4)	(4)	-	-	-	-	-	-
B - Income Eligible	1,169	224	341	1,716	14,536	12,060	90,282	(110)	(1,430)	3,005	58,645	1,722	30,715
B1 - Income Eligible Existing Buildings	1,169	224	341	1,716	14,536	12,060	90,282	(110)	(1,430)	3,005	58,645	1,722	30,715
B1a - Income Eligible Coordinated Delivery	1,142	201	341	1,716	14,536	12,060	90,282	(110)	(1,430)	3,005	58,645	1,722	30,715
B1b - Income Eligible Active Demand Reduction	27	23	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	1,119	3,242	862	6,485	65,238	45,609	413,101	(20,189)	(162,170)	5,555	93,373	2,382	31,978
C1 - C&I New Buildings	85	89	57	433	7,765	3,050	47,353	(995)	(18,806)	(33)	(434)	-	-
C1a - C&I New Buildings & Major Renovations	85	89	57	433	7,765	3,050	47,353	(995)	(18,806)	(33)	(434)	-	-
C2 - C&I Existing Buildings	1,034	3,153	804	6,052	57,473	42,560	365,748	(19,193)	(143,364)	5,588	93,807	2,382	31,978
C2a - C&I Existing Building Retrofit	495	716	661	4,788	45,597	33,708	290,549	(18,209)	(136,559)	5,075	83,065	117	2,109
C2b - C&I New & Replacement Equipment	487	131	144	1,277	11,889	8,976	75,325	(985)	(6,804)	513	10,742	2,265	29,869
C2c - C&I Active Demand Reduction	52	2,306	-	(13)	(125)	(125)	(125)	-	-	-	-	-	-
Grand Total	16,350	6,272	1,081	9,068	79,730	63,859	507,850	(20,709)	(168,930)	63,262	1,209,747	37,572	709,093

2022 Evaluated Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	18,035	1,973	253	4,571	15,148	11,108	93,870	6,328	129,939	50,235	922,740	23,257	436,701
A1 - Residential New Buildings	594	29	106	414	8,885	2,898	52,397	-	-	(0)	(0)	2,160	51,854
A1a - Residential New Homes & Renovations	594	29	106	414	8,885	2,898	52,397	-	-	(0)	(0)	2,160	51,854
A2 - Residential Existing Buildings	17,441	1,943	147	1,158	6,262	8,210	41,473	6,328	129,939	50,235	922,740	21,096	384,846
A2a - Residential Coordinated Delivery	5,717	218	456	2,079	32,446	14,612	193,987	6,546	132,764	15,902	323,983	2,837	58,493
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	8,568	270	(309)	(922)	(26,184)	(6,402)	(152,514)	(217)	(2,825)	34,333	598,757	18,260	326,354
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	3,156	1,456	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	1,906	138	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1 - Income Eligible Existing Buildings	1,906	138	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1a - Income Eligible Coordinated Delivery	1,869	124	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1b - Income Eligible Active Demand Reduction	37	14	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	1,322	1,821	924	6,895	57,287	48,533	366,158	(18,244)	(123,293)	(96)	10,049	1,145	17,577
C1 - C&I New Buildings	32	97	92	516	8,452	3,636	51,960	(892)	(17,432)	234	4,758	-	-
C1a - C&I New Buildings & Major Renovations	32	97	92	516	8,452	3,636	51,960	(892)	(17,432)	234	4,758	-	-
C2 - C&I Existing Buildings	1,290	1,724	832	6,378	48,835	44,897	314,198	(17,352)	(105,861)	(330)	5,291	1,145	17,577
C2a - C&I Existing Building Retrofit	638	497	623	4,600	35,895	32,391	231,300	(15,879)	(96,973)	(445)	49	698	9,981
C2b - C&I New & Replacement Equipment	637	241	209	1,778	12,940	12,506	82,898	(1,473)	(8,888)	115	5,243	447	7,596
C2c - C&I Active Demand Reduction	15	966	-	-	-	-	-	-	-	-	-	-	-
Grand Total	21,263	3,931	1,387	9,442	80,428	66,499	509,775	(12,006)	5,476	55,715	1,031,960	29,815	538,776

2022 Planned v. Evaluated Net Savings Variances (%)													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	28%	-30%	-308%	81%	-34484%	79%	2001%	-1643%	-2538%	-8%	-13%	-31%	-32%
A1 - Residential New Buildings	55%	44%	79%	81%	59%	80%	60%	0%	0%	-100%	-100%	-53%	-55%
A1a - Residential New Homes & Renovations	55%	44%	79%	81%	59%	80%	60%	0%	0%	-100%	-100%	-53%	-55%
A2 - Residential Existing Buildings	28%	-30%	-181%	81%	-211%	79%	-246%	-1643%	-2538%	-9%	-13%	-27%	-27%
A2a - Residential Coordinated Delivery	79%	-27%	-43%	-41%	-42%	-41%	-42%	0%	0%	-43%	-44%	-49%	-50%
A2b - Residential Conservation Services (RCS)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2c - Residential Retail	1%	-19%	-68%	-68%	-57%	-68%	-58%	-47%	-47%	25%	24%	-22%	-21%
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	58%	-32%	0%	-100%	-100%	-100%	-100%	0%	0%	0%	0%	0%	0%
B - Income Eligible	63%	-39%	-39%	-43%	-45%	-43%	-45%	-18%	-18%	86%	69%	214%	175%
B1 - Income Eligible Existing Buildings	63%	-39%	-39%	-43%	-45%	-43%	-45%	-18%	-18%	86%	69%	214%	175%
B1a - Income Eligible Coordinated Delivery	64%	-39%	-39%	-43%	-45%	-43%	-45%	-18%	-18%	86%	69%	214%	175%
B1b - Income Eligible Active Demand Reduction	37%	-38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C - Commercial & Industrial	18%	-48%	7%	6%	-12%	6%	-11%	-10%	-24%	-102%	-89%	-52%	-45%
C1 - C&I New Buildings	-62%	9%	61%	19%	9%	19%	10%	-10%	-7%	-812%	-1197%	0%	0%
C1a - C&I New Buildings & Major Renovations	-62%	9%	61%	19%	9%	19%	10%	-10%	-7%	-812%	-1197%	0%	0%
C2 - C&I Existing Buildings	25%	-45%	3%	5%	-15%	5%	-14%	-10%	-26%	-106%	-94%	-52%	-45%
C2a - C&I Existing Building Retrofit	29%	-31%	-6%	-4%	-21%	-4%	-20%	-13%	-29%	-109%	-100%	497%	373%
C2b - C&I New & Replacement Equipment	31%	83%	45%	39%	9%	39%	10%	50%	31%	-78%	-51%	-80%	-75%
C2c - C&I Active Demand Reduction	-71%	-57%	0%	-100%	-100%	-100%	-100%	0%	0%	0%	0%	0%	0%
Grand Total	30%	-37%	28%	4%	1%	4%	0%	-42%	-103%	-12%	-15%	-21%	-24%

Notes
* The plan year variances provided above are intended to indicate the Program Administrator's performance in the plan year only. The variances used to determine significant variances are provided separately. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

Program Savings, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

Program	2022 Planned Net Savings											
	Other						Total Savings		Electric Energy, no Fuel Switching or ADR (MWh)			
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU			
Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	
A - Residential	-	-	574	4,456	-	-	2,203,840	28,546,831	94,893	1,712,518	6,021	90,695
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	5,678	140,128	249	6,061
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	-	-	-	-
A2 - Residential Existing Buildings	-	-	574	4,456	-	-	2,203,840	28,546,831	89,215	1,572,390	5,771	84,633
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	1,652,441	23,375,035	58,119	1,033,570	3,570	56,250
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	574	4,456	-	-	551,399	5,171,796	31,140	538,865	2,206	28,388
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	(44)	(4)	(5)	(5)
B - Income Eligible	-	-	-	-	-	-	958,983	11,507,793	16,775	179,500	1,878	17,217
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	958,983	11,507,793	16,775	179,500	1,878	17,217
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	958,983	11,507,793	16,775	179,500	1,878	17,217
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	-	-	2,208	8,210	-	-	193,090	1,818,521	53,735	530,445	6,932	70,644
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	2,917	45,039	433	7,765
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	2,917	45,039	433	7,765
C2 - C&I Existing Buildings	-	-	2,208	8,210	-	-	193,090	1,818,521	50,818	485,406	6,499	62,880
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	154,978	1,513,626	37,079	362,066	4,886	47,067
C2b - C&I New & Replacement Equipment	-	-	2,208	8,210	-	-	38,112	304,896	13,863	123,465	1,626	15,826
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	(125)	(125)	(13)	(13)
Grand Total	-	-	2,781	12,665	-	-	3,355,913	41,873,145	165,403	2,422,463	14,831	178,556

Program	2022 Evaluated Net Savings											
	Other						Total Savings		Electric Energy, no Fuel Switching or ADR (MWh)			
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU			
Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	
A - Residential	-	-	1,747	12,778	-	-	2,788,130	38,527,748	86,979	1,479,082	6,175	96,151
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	5,058	104,251	554	12,114
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	5,058	104,251	554	12,114
A2 - Residential Existing Buildings	-	-	1,747	12,778	-	-	2,788,130	38,527,748	81,920	1,374,831	5,621	84,038
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	2,518,136	35,855,258	34,005	589,739	2,079	32,446
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	1,747	12,778	-	-	269,994	2,672,490	47,916	785,092	3,542	51,592
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	-	-	733	4,718	-	-	1,181,034	6,674,476	48,491	386,174	7,052	59,370
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	3,780	54,975	516	8,452
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	3,780	54,975	516	8,452
C2 - C&I Existing Buildings	-	-	733	4,718	-	-	1,181,034	6,674,476	44,711	331,199	6,536	50,919
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	1,103,720	6,055,959	31,056	231,633	4,600	35,895
C2b - C&I New & Replacement Equipment	-	-	733	4,718	-	-	77,315	618,516	13,654	99,567	1,936	15,024
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total	-	-	2,480	17,496	-	-	4,946,547	49,730,820	153,308	2,098,555	14,560	169,540

Program	2022 Planned v. Evaluated Net Savings Variances (%)											
	Other						Total Savings		Electric Energy, no Fuel Switching or ADR (MWh)			
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU			
Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	
A - Residential	0%	0%	205%	187%	0%	0%	27%	35%	-8%	-14%	3%	6%
A1 - Residential New Buildings	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-26%	122%	100%
A1a - Residential New Homes & Renovations	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-26%	122%	100%
A2 - Residential Existing Buildings	0%	0%	205%	187%	0%	0%	27%	35%	-8%	-13%	3%	1%
A2a - Residential Coordinated Delivery	0%	0%	0%	0%	0%	0%	52%	53%	-41%	-43%	-42%	-42%
A2b - Residential Conservation Services (RCS)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2c - Residential Retail	0%	0%	205%	187%	0%	0%	-51%	-48%	54%	46%	61%	82%
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-100%	-100%	-100%
B - Income Eligible	0%	0%	0%	0%	0%	0%	-61%	-61%	6%	30%	-29%	-19%
B1 - Income Eligible Existing Buildings	0%	0%	0%	0%	0%	0%	-61%	-61%	6%	30%	-29%	-19%
B1a - Income Eligible Coordinated Delivery	0%	0%	0%	0%	0%	0%	-61%	-61%	6%	30%	-29%	-19%
B1b - Income Eligible Active Demand Reduction	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C - Commercial & Industrial	0%	0%	-67%	-43%	0%	0%	512%	267%	-10%	27%	2%	-16%
C1 - C&I New Buildings	0%	0%	0%	0%	0%	0%	0%	0%	30%	22%	19%	9%
C1a - C&I New Buildings & Major Renovations	0%	0%	0%	0%	0%	0%	0%	0%	30%	22%	19%	9%
C2 - C&I Existing Buildings	0%	0%	-67%	-43%	0%	0%	512%	267%	-12%	32%	1%	-19%
C2a - C&I Existing Building Retrofit	0%	0%	0%	0%	0%	0%	612%	300%	-16%	-36%	-6%	-24%
C2b - C&I New & Replacement Equipment	0%	0%	-67%	-43%	0%	0%	103%	103%	-2%	-19%	19%	-5%
C2c - C&I Active Demand Reduction	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-100%	-100%	-100%
Grand Total	0%	0%	-11%	38%	0%	0%	30%	19%	-7%	-13%	-2%	-5%

Notes
* The plan year variances provided above are intended to indicate the Program Administrator's performance in the plan year only. The variances used to determine significant variances are provided separately. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

Program Savings, Three-Year Total

2022-2024 Net Savings

Cape Light Compact

June 1, 2023

2022 Evaluated Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	18,035	1,973	253	1,571	15,148	11,108	93,870	6,328	129,939	50,235	922,740	23,257	436,701
A1 - Residential New Buildings	594	29	106	414	8,885	2,898	52,397	-	-	(0)	(0)	2,160	51,854
A1a - Residential New Homes & Renovations	594	29	106	414	8,885	2,898	52,397	-	-	(0)	(0)	2,160	51,854
A2 - Residential Existing Buildings	17,441	1,943	147	1,158	6,262	8,210	41,473	6,328	129,939	50,235	922,740	21,096	384,846
A2a - Residential Coordinated Delivery	5,717	218	456	2,079	32,446	14,612	193,987	6,546	132,764	15,902	323,983	2,837	58,493
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	8,568	270	(309)	(922)	(26,184)	(6,402)	(152,514)	(217)	(2,825)	34,333	598,757	18,260	326,354
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	3,156	1,456	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	1,906	138	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1 - Income Eligible Existing Buildings	1,906	138	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1a - Income Eligible Coordinated Delivery	1,869	124	209	976	7,993	6,858	49,747	(90)	(1,170)	5,576	99,171	5,413	84,498
B1b - Income Eligible Active Demand Reduction	37	14	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	1,322	1,821	924	6,895	57,287	48,533	366,158	(18,244)	(123,293)	(96)	10,049	1,145	17,577
C1 - C&I New Buildings	32	97	92	516	8,452	3,636	51,960	(892)	(17,432)	234	4,758	-	-
C1a - C&I New Buildings & Major Renovations	32	97	92	516	8,452	3,636	51,960	(892)	(17,432)	234	4,758	-	-
C2 - C&I Existing Buildings	1,290	1,724	832	6,378	48,835	44,897	314,198	(17,352)	(105,861)	(330)	5,291	1,145	17,577
C2a - C&I Existing Building Retrofit	638	497	623	4,600	35,895	32,391	231,300	(15,879)	(96,973)	(445)	49	698	9,981
C2b - C&I New & Replacement Equipment	637	241	209	1,778	12,940	12,506	82,898	(1,473)	(8,888)	115	5,243	447	7,596
C2c - C&I Active Demand Reduction	15	986	-	-	-	-	-	-	-	-	-	-	-
Grand Total	21,263	3,931	1,387	9,442	80,428	66,499	509,775	(12,006)	5,476	55,715	1,031,960	29,815	538,776

2023 Planned Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	14,424	3,369	(535)	(658)	(19,364)	(4,362)	(109,795)	(451)	(5,863)	60,653	1,162,860	38,815	748,900
A1 - Residential New Buildings	380	22	44	181	4,482	1,256	26,129	-	-	(745)	(13,662)	5,979	150,497
A1a - Residential New Homes & Renovations	380	22	44	181	4,482	1,256	26,129	-	-	(745)	(13,662)	5,979	150,497
A2 - Residential Existing Buildings	14,044	3,347	(579)	(839)	(23,846)	(5,618)	(135,924)	(451)	(5,863)	61,398	1,176,522	32,836	598,403
A2a - Residential Coordinated Delivery	3,211	319	683	3,153	56,951	21,798	335,261	-	-	28,263	592,787	5,804	121,630
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	8,485	296	(1,262)	(3,985)	(80,789)	(27,346)	(471,116)	(451)	(5,863)	33,135	583,735	27,033	476,773
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	2,348	2,733	-	(8)	(8)	(69)	(69)	-	-	-	-	-	-
B - Income Eligible	978	289	299	1,597	15,676	11,059	95,031	(105)	(1,365)	2,777	52,627	1,734	30,378
B1 - Income Eligible Existing Buildings	978	289	299	1,597	15,676	11,059	95,031	(105)	(1,365)	2,777	52,627	1,734	30,378
B1a - Income Eligible Coordinated Delivery	947	250	299	1,597	15,676	11,060	95,033	(105)	(1,365)	2,777	52,627	1,734	30,378
B1b - Income Eligible Active Demand Reduction	31	39	(0)	(0)	(0)	(1)	(1)	-	-	-	-	-	-
C - Commercial & Industrial	1,145	3,881	826	7,105	77,890	49,344	481,452	(19,318)	(151,019)	5,939	98,338	2,713	37,677
C1 - C&I New Buildings	85	129	87	681	12,727	4,732	76,445	(1,853)	(35,997)	(32)	(414)	-	-
C1a - C&I New Buildings & Major Renovations	85	129	87	681	12,727	4,732	76,445	(1,853)	(35,997)	(32)	(414)	-	-
C2 - C&I Existing Buildings	1,060	3,752	739	6,424	65,163	44,611	405,007	(17,465)	(115,022)	5,970	98,752	2,713	37,677
C2a - C&I Existing Building Retrofit	520	761	598	5,089	51,598	35,394	320,972	(16,696)	(110,141)	5,277	85,315	126	2,344
C2b - C&I New & Replacement Equipment	482	134	141	1,354	13,584	9,404	84,222	(769)	(4,881)	693	13,437	2,586	35,333
C2c - C&I Active Demand Reduction	58	2,858	-	(18)	(18)	(187)	(187)	-	-	-	-	-	-
Grand Total	16,547	7,539	591	8,044	74,202	56,041	466,688	(19,874)	(158,247)	69,369	1,313,825	43,262	816,955

Program Savings, Three-Year Total

2022-2024 Net Savings

Cape Light Compact

June 1, 2023

2024 Planned Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	14,781	4,037	(1,026)	(2,344)	(49,073)	(14,799)	(280,971)	(492)	(6,396)	69,253	1,316,868	44,165	842,115
A1 - Residential New Buildings	303	15	(15)	(23)	(399)	(142)	(2,131)	-	-	(349)	(5,325)	6,242	154,812
A1a - Residential New Homes & Renovations	303	15	(15)	(23)	(399)	(142)	(2,131)	-	-	(349)	(5,325)	6,242	154,812
A2 - Residential Existing Buildings	14,478	4,022	(1,011)	(2,321)	(48,674)	(14,657)	(278,840)	(492)	(6,396)	69,603	1,322,193	37,923	687,303
A2a - Residential Coordinated Delivery	3,231	423	657	3,190	59,170	20,588	343,834	-	-	29,070	607,050	6,095	126,800
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	8,485	247	(1,668)	(5,500)	(107,834)	(35,166)	(622,594)	(492)	(6,396)	40,533	715,144	31,828	560,503
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	2,762	3,352	-	(10)	(10)	(79)	(79)	-	-	-	-	-	-
B - Income Eligible	732	389	219	1,345	15,293	8,715	90,584	(50)	(650)	2,426	43,880	1,917	33,411
B1 - Income Eligible Existing Buildings	732	389	219	1,345	15,293	8,715	90,584	(50)	(650)	2,426	43,880	1,917	33,411
B1a - Income Eligible Coordinated Delivery	697	317	219	1,345	15,293	8,718	90,587	(50)	(650)	2,426	43,880	1,917	33,411
B1b - Income Eligible Active Demand Reduction	35	72	-	(0)	(0)	(3)	(3)	-	-	-	-	-	-
C - Commercial & Industrial	1,176	4,869	737	7,633	90,592	49,757	548,416	(7,900)	17,508	6,382	103,822	2,960	41,967
C1 - C&I New Buildings	85	152	106	830	15,716	5,413	93,221	(2,370)	(46,359)	(31)	(401)	-	-
C1a - C&I New Buildings & Major Renovations	85	152	106	830	15,716	5,413	93,221	(2,370)	(46,359)	(31)	(401)	-	-
C2 - C&I Existing Buildings	1,091	4,716	631	6,803	74,876	44,344	455,196	(5,530)	63,867	6,413	104,223	2,960	41,967
C2a - C&I Existing Building Retrofit	545	844	518	5,630	61,892	36,756	376,387	(4,959)	67,266	5,545	88,179	136	2,579
C2b - C&I New & Replacement Equipment	477	111	114	1,200	13,011	7,815	79,037	(571)	(3,399)	868	16,043	2,825	39,388
C2c - C&I Active Demand Reduction	69	3,762	-	(28)	(28)	(228)	(228)	-	-	-	-	-	-
Grand Total	16,688	9,295	(70)	6,634	56,812	43,673	358,029	(8,442)	10,462	78,062	1,464,570	49,042	917,493

2022-2024 Net Savings													
Program	# of Participants	Electric						Natural Gas		Deliverable Fuels			
		Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (Source MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
		Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	47,240	9,378	(1,307)	(1,430)	(53,290)	(8,053)	(296,896)	5,385	117,680	180,141	3,402,467	106,237	2,027,716
A1 - Residential New Buildings	1,277	66	135	572	12,968	4,012	76,395	-	-	(1,095)	(18,988)	14,381	357,164
A1a - Residential New Homes & Renovations	1,277	66	135	572	12,968	4,012	76,395	-	-	(1,095)	(18,988)	14,381	357,164
A2 - Residential Existing Buildings	45,963	9,313	(1,443)	(2,002)	(66,258)	(12,065)	(373,291)	5,385	117,680	181,236	3,421,455	91,856	1,670,552
A2a - Residential Coordinated Delivery	12,159	959	1,797	8,422	148,567	56,998	873,082	6,546	132,764	73,234	1,523,820	14,735	306,923
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	25,538	813	(3,240)	(10,407)	(214,807)	(68,915)	(1,246,224)	(1,160)	(15,084)	108,001	1,897,635	77,120	1,363,630
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	3,156	3,352	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	3,615	816	727	3,917	38,962	26,632	235,362	(245)	(3,185)	10,779	195,679	9,064	148,286
B1 - Income Eligible Existing Buildings	3,615	816	727	3,917	38,962	26,632	235,362	(245)	(3,185)	10,779	195,679	9,064	148,286
B1a - Income Eligible Coordinated Delivery	3,513	691	727	3,918	38,962	26,637	235,367	(245)	(3,185)	10,779	195,679	9,064	148,286
B1b - Income Eligible Active Demand Reduction	37	72	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	3,643	10,570	2,488	21,632	225,769	147,634	1,396,026	(45,462)	(256,803)	12,225	212,209	6,818	97,222
C1 - C&I New Buildings	202	377	286	2,027	36,895	13,782	221,626	(5,115)	(99,787)	172	3,943	-	-
C1a - C&I New Buildings & Major Renovations	202	377	286	2,027	36,895	13,782	221,626	(5,115)	(99,787)	172	3,943	-	-
C2 - C&I Existing Buildings	3,441	10,193	2,202	19,606	188,874	133,852	1,174,400	(40,347)	(157,016)	12,053	208,266	6,818	97,222
C2a - C&I Existing Building Retrofit	1,703	2,102	1,739	15,319	149,385	104,541	928,658	(37,535)	(139,848)	10,377	173,543	961	14,904
C2b - C&I New & Replacement Equipment	1,596	485	463	4,333	39,535	29,726	246,157	(2,812)	(17,168)	1,677	34,723	5,858	82,318
C2c - C&I Active Demand Reduction	69	3,762	-	-	-	-	-	-	-	-	-	-	-
Grand Total	54,498	20,765	1,908	24,120	211,441	166,213	1,334,493	(40,322)	(142,308)	203,145	3,810,355	122,119	2,273,224

Program Savings, Three-Year Total
2022-2024 Net Savings
Cape Light Compact
June 1, 2023

Program	2022 Evaluated Net Savings											
	Other								Total Savings		Electric Energy, no Fuel Switching	
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU		or ADR (MWh)	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	-	-	1,747	12,778	-	-	2,788,130	38,527,748	86,979	1,479,082	6,175	96,151
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	5,058	104,251	554	12,114
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	5,058	104,251	554	12,114
A2 - Residential Existing Buildings	-	-	1,747	12,778	-	-	2,788,130	38,527,748	81,920	1,374,831	5,621	84,038
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	2,518,136	35,855,258	34,005	589,739	2,079	32,446
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	1,747	12,778	-	-	269,994	2,672,490	47,916	785,092	3,542	51,592
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	377,383	4,528,596	17,838	233,299	1,332	14,019
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	-	-	733	4,718	-	-	1,181,034	6,674,476	48,491	386,174	7,052	59,370
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	3,780	54,975	516	8,452
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	3,780	54,975	516	8,452
C2 - C&I Existing Buildings	-	-	733	4,718	-	-	1,181,034	6,674,476	44,711	331,199	6,536	50,919
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	1,103,720	6,055,959	31,056	231,633	4,600	35,895
C2b - C&I New & Replacement Equipment	-	-	733	4,718	-	-	77,315	618,516	13,654	99,567	1,936	15,024
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total	-	-	2,480	17,496	-	-	4,346,547	49,730,820	153,308	2,098,555	14,560	169,540

Program	2023 Planned Net Savings											
	Other								Total Savings		Electric Energy, no Fuel Switching	
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU		or ADR (MWh)	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	-	-	574	4,456	-	-	2,202,987	28,534,024	95,635	1,805,834	5,731	93,770
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	6,490	162,963	292	7,085
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	6,490	162,963	292	7,085
A2 - Residential Existing Buildings	-	-	574	4,456	-	-	2,202,987	28,534,024	89,145	1,642,870	5,439	86,685
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	1,652,441	23,375,035	55,865	1,049,678	3,275	59,034
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	574	4,456	-	-	550,546	5,158,990	33,350	593,261	2,171	27,659
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	(69)	(69)	(8)	(8)
B - Income Eligible	-	-	-	-	-	-	695,054	8,340,642	15,560	177,900	1,824	19,508
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	695,054	8,340,642	15,560	177,900	1,824	19,508
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	695,054	8,340,642	15,561	177,901	1,824	19,508
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	(1)	(1)	(0)	(0)
C - Commercial & Industrial	-	-	2,208	8,210	-	-	224,155	2,111,561	58,271	610,575	6,918	73,846
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	4,516	72,432	681	12,727
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	4,516	72,432	681	12,727
C2 - C&I Existing Buildings	-	-	2,208	8,210	-	-	224,155	2,111,561	53,755	538,143	6,237	61,119
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	183,262	1,784,421	39,128	397,616	4,517	43,015
C2b - C&I New & Replacement Equipment	-	-	2,208	8,210	-	-	40,892	327,140	14,814	140,714	1,739	18,122
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	(187)	(187)	(18)	(18)
Grand Total	-	-	2,781	12,665	-	-	3,122,195	38,986,227	169,466	2,594,308	14,472	187,124

Program Savings, Three-Year Total
2022-2024 Net Savings
Cape Light Compact
June 1, 2023

Program	2024 Planned Net Savings											
	Other								Total Savings		Electric Energy, no Fuel Switching	
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU		or ADR (MWh)	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	-	-	574	4,456	-	-	2,202,987	28,534,024	99,144	1,881,828	5,694	93,894
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	5,751	147,356	190	4,618
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	5,751	147,356	190	4,618
A2 - Residential Existing Buildings	-	-	574	4,456	-	-	2,202,987	28,534,024	93,393	1,734,472	5,504	89,276
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	1,652,441	23,375,035	55,753	1,077,683	3,438	63,465
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	574	4,456	-	-	550,546	5,158,990	37,719	656,868	2,076	25,821
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	(79)	(79)	(10)	(10)
B - Income Eligible	-	-	-	-	-	-	370,218	4,442,610	13,052	167,810	1,671	20,904
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	370,218	4,442,610	13,052	167,810	1,671	20,904
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	370,218	4,442,610	13,056	167,813	1,671	20,904
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	(3)	(3)	(0)	(0)
C - Commercial & Industrial	-	-	2,208	8,210	-	-	250,088	2,353,276	60,518	704,165	6,407	71,023
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	5,146	88,184	830	15,716
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	5,146	88,184	830	15,716
C2 - C&I Existing Buildings	-	-	2,208	8,210	-	-	250,088	2,353,276	55,372	615,982	5,577	55,307
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	206,415	2,003,892	41,940	473,871	3,990	37,282
C2b - C&I New & Replacement Equipment	-	-	2,208	8,210	-	-	43,673	349,384	13,659	142,338	1,615	18,053
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	(228)	(228)	(28)	(28)
Grand Total	-	-	2,781	12,665	-	-	2,823,292	35,329,910	172,714	2,753,804	13,771	185,821

Program	2022-2024 Net Savings											
	Other								Total Savings		Electric Energy, no Fuel Switching	
	Wood (MMBTU)		Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		Water (Gallons)		MMBTU		or ADR (MWh)	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	-	-	2,894	21,689	-	-	7,194,103	95,595,797	281,758	5,166,744	17,600	283,815
A1 - Residential New Buildings	-	-	-	-	-	-	-	-	17,299	414,571	1,036	23,817
A1a - Residential New Homes & Renovations	-	-	-	-	-	-	-	-	17,299	414,571	1,036	23,817
A2 - Residential Existing Buildings	-	-	2,894	21,689	-	-	7,194,103	95,595,797	264,459	4,752,174	16,564	259,999
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	5,823,017	82,605,327	145,623	2,717,101	8,792	154,944
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	-	2,894	21,689	-	-	1,371,085	12,990,470	118,985	2,035,222	7,789	105,072
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
B - Income Eligible	-	-	-	-	-	-	1,442,654	17,311,848	46,451	579,009	4,827	54,430
B1 - Income Eligible Existing Buildings	-	-	-	-	-	-	1,442,654	17,311,848	46,451	579,009	4,827	54,430
B1a - Income Eligible Coordinated Delivery	-	-	-	-	-	-	1,442,654	17,311,848	46,455	579,013	4,828	54,431
B1b - Income Eligible Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
C - Commercial & Industrial	-	-	5,149	21,138	-	-	1,655,277	11,139,312	167,279	1,700,914	20,377	204,240
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	13,442	215,590	2,027	36,895
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	13,442	215,590	2,027	36,895
C2 - C&I Existing Buildings	-	-	5,149	21,138	-	-	1,655,277	11,139,312	153,838	1,485,324	18,350	167,345
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	1,493,397	9,844,272	112,125	1,103,120	13,106	116,192
C2b - C&I New & Replacement Equipment	-	-	5,149	21,138	-	-	161,880	1,295,040	42,128	382,619	5,290	51,199
C2c - C&I Active Demand Reduction	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total	-	-	8,042	42,826	-	-	10,292,034	124,046,957	495,488	7,446,668	42,804	542,485

Greenhouse Gas Savings, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
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2022 Planned GHG Savings				
Program	Avoided CO2e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	7,655	7,430	7,300	133,419
A1 - Residential New Buildings	427	401	438	10,902
A1a - Residential New Homes & Renovations	427	401	438	10,902
A2 - Residential Existing Buildings	7,228	7,029	6,862	122,517
A2a - Residential Coordinated Delivery	3,037	2,717	3,304	58,528
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	4,191	4,313	3,558	63,989
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	0	0
B - Income Eligible	584	444	726	8,692
B1 - Income Eligible Existing Buildings	584	444	726	8,692
B1a - Income Eligible Coordinated Delivery	584	444	726	8,692
B1b - Income Eligible Active Demand Reduction	-	-	-	-
C - Commercial & Industrial	2,242	1,901	2,698	23,248
C1 - C&I New Buildings	84	39	118	1,136
C1a - C&I New Buildings & Major Renovations	84	39	118	1,136
C2 - C&I Existing Buildings	2,158	962	2,579	22,112
C2a - C&I Existing Building Retrofit	1,377	683	1,557	14,446
C2b - C&I New & Replacement Equipment	781	279	1,020	7,664
C2c - C&I Active Demand Reduction	-	-	2	2
Grand Total	10,481	8,875	10,724	165,359

2022 Evaluated GHG Savings				
Program	Avoided CO2e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	7,271	6,902	6,947	119,801
A1 - Residential New Buildings	562	542	589	12,846
A1a - Residential New Homes & Renovations	562	542	589	12,846
A2 - Residential Existing Buildings	6,709	6,360	6,358	106,955
A2a - Residential Coordinated Delivery	1,745	1,557	1,922	32,958
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	4,964	4,803	4,436	73,997
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-
B - Income Eligible	971	876	998	14,338
B1 - Income Eligible Existing Buildings	971	876	998	14,338
B1a - Income Eligible Coordinated Delivery	971	876	998	14,338
B1b - Income Eligible Active Demand Reduction	-	-	-	-
C - Commercial & Industrial	1,705	447	2,290	14,950
C1 - C&I New Buildings	134	73	171	1,824
C1a - C&I New Buildings & Major Renovations	134	73	171	1,824
C2 - C&I Existing Buildings	1,571	375	2,119	13,125
C2a - C&I Existing Building Retrofit	906	228	1,115	6,946
C2b - C&I New & Replacement Equipment	665	147	1,004	6,180
C2c - C&I Active Demand Reduction	-	-	-	-
Grand Total	9,946	8,226	10,235	149,089

2022 Planned v. Evaluated Net Savings Variances (%)				
Program	Avoided CO2e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	-5%	-7%	-5%	-10%
A1 - Residential New Buildings	32%	35%	34%	18%
A1a - Residential New Homes & Renovations	32%	35%	34%	18%
A2 - Residential Existing Buildings	-7%	-10%	-7%	-13%
A2a - Residential Coordinated Delivery	-43%	-43%	-42%	-44%
A2b - Residential Conservation Services (RCS)	0%	0%	0%	0%
A2c - Residential Retail	18%	11%	23%	16%
A2d - Residential Behavior	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	0%	0%	-100%	-100%
B - Income Eligible	66%	97%	37%	65%
B1 - Income Eligible Existing Buildings	66%	97%	37%	65%
B1a - Income Eligible Coordinated Delivery	66%	97%	37%	65%
B1b - Income Eligible Active Demand Reduction	0%	0%	0%	0%
C - Commercial & Industrial	-24%	-55%	-15%	-61%
C1 - C&I New Buildings	60%	87%	44%	61%
C1a - C&I New Buildings & Major Renovations	60%	87%	44%	61%
C2 - C&I Existing Buildings	-27%	-61%	-18%	-41%
C2a - C&I Existing Building Retrofit	-34%	-67%	-28%	-52%
C2b - C&I New & Replacement Equipment	-15%	-48%	-2%	-19%
C2c - C&I Active Demand Reduction	0%	0%	-100%	-100%
Grand Total	-5%	-7%	-5%	-10%

Notes
Greenhouse gas values presented include GHG in 2025 and 2030, calculated consistently with the Secretary's letter establishing GHG goals for the Mass Save Programs: 2022-2024 Three-Year Plans, D.P.U. 21-120 through D.P.U. 21-129, Exh. 1, App. D. Lifetime GHG values are also presented, consistent with the process outlined in response to information request DPU-Common 3-15 of 2022-2024 Three Year Plans, D.P.U. 21-120 through D.P.U. 21-129. Lifetime values were calculated using emissions factors provided in an independent third-party study; see Appendix 12.

Greenhouse Gas Savings, Three-Year Total

2022-2024 GHG Savings

Cape Light Compact
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2022 Evaluated GHG Savings				
Program	Avoided CO ₂ e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	7,271	6,902	6,947	119,801
A1 - Residential New Buildings	562	542	589	12,846
A1a - Residential New Homes & Renovations	562	542	589	12,846
A2 - Residential Existing Buildings	6,709	6,360	6,358	106,955
A2a - Residential Coordinated Delivery	1,745	1,557	1,922	32,958
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	4,964	4,803	4,436	73,997
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	-	-
B - Income Eligible	971	876	998	14,338
B1 - Income Eligible Existing Buildings	971	876	998	14,338
B1a - Income Eligible Coordinated Delivery	971	876	998	14,338
B1b - Income Eligible Active Demand Reduction	-	-	-	-
C - Commercial & Industrial	1,705	447	2,290	14,950
C1 - C&I New Buildings	134	73	171	1,824
C1a - C&I New Buildings & Major Renovations	134	73	171	1,824
C2 - C&I Existing Buildings	1,571	375	2,119	13,125
C2a - C&I Existing Building Retrofit	906	228	1,115	6,946
C2b - C&I New & Replacement Equipment	665	147	1,004	6,180
C2c - C&I Active Demand Reduction	-	-	-	-
Grand Total	9,946	8,226	10,235	149,089

2023 Planned GHG Savings				
Program	Avoided CO ₂ e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	8,382	8,300	7,711	145,815
A1 - Residential New Buildings	456	436	465	11,680
A1a - Residential New Homes & Renovations	456	436	465	11,680
A2 - Residential Existing Buildings	7,926	7,864	7,246	134,134
A2a - Residential Coordinated Delivery	3,100	2,781	3,206	59,204
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	4,825	5,083	4,040	74,931
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	0	0
B - Income Eligible	599	426	681	8,176
B1 - Income Eligible Existing Buildings	599	426	681	8,176
B1a - Income Eligible Coordinated Delivery	599	426	681	8,176
B1b - Income Eligible Active Demand Reduction	-	-	0	0
C - Commercial & Industrial	2,531	1,241	2,881	24,733
C1 - C&I New Buildings	125	61	168	1,634
C1a - C&I New Buildings & Major Renovations	125	61	168	1,634
C2 - C&I Existing Buildings	2,406	1,180	2,713	23,099
C2a - C&I Existing Building Retrofit	1,480	770	1,648	14,978
C2b - C&I New & Replacement Equipment	926	410	1,063	8,119
C2c - C&I Active Demand Reduction	-	-	2	2
Grand Total	11,512	9,967	11,273	178,723

Greenhouse Gas Savings, Three-Year Total

2022-2024 GHG Savings

Cape Light Compact
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2024 Planned GHG Savings				
Program	Avoided CO ₂ e (Metric Tons)			
	2025	2030	First Year	Lifetime
A - Residential	9,278	9,382	8,519	161,597
A1 - Residential New Buildings	451	449	451	11,722
A1a - Residential New Homes & Renovations	451	449	451	11,722
A2 - Residential Existing Buildings	8,828	8,933	8,068	149,875
A2a - Residential Coordinated Delivery	3,190	2,871	3,130	60,526
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	5,638	6,062	4,937	89,347
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	(1)	-	2	2
B - Income Eligible	571	408	543	7,462
B1 - Income Eligible Existing Buildings	571	408	543	7,462
B1a - Income Eligible Coordinated Delivery	571	408	542	7,462
B1b - Income Eligible Active Demand Reduction	-	-	0	0
C - Commercial & Industrial	2,816	1,504	2,588	26,669
C1 - C&I New Buildings	157	74	152	1,859
C1a - C&I New Buildings & Major Renovations	157	74	152	1,859
C2 - C&I Existing Buildings	2,660	1,430	2,436	24,810
C2a - C&I Existing Building Retrofit	1,671	950	1,514	16,637
C2b - C&I New & Replacement Equipment	991	480	913	8,164
C2c - C&I Active Demand Reduction	(3)	-	10	10
Grand Total	12,665	11,295	11,650	195,728

2022-2024 GHG Savings				
Program	Avoided CO ₂ e (Metric Tons)			
	2025	2030	Annual	Lifetime
A - Residential	24,931	24,584	23,177	427,213
A1 - Residential New Buildings	1,469	1,428	1,505	36,249
A1a - Residential New Homes & Renovations	1,469	1,428	1,505	36,249
A2 - Residential Existing Buildings	23,462	23,157	21,672	390,964
A2a - Residential Coordinated Delivery	8,036	7,209	8,258	152,688
A2b - Residential Conservation Services (RCS)	-	-	-	-
A2c - Residential Retail	15,427	15,948	13,412	238,274
A2d - Residential Behavior	-	-	-	-
A2e - Residential Active Demand Reduction	-	-	2	2
B - Income Eligible	2,140	1,711	2,222	29,976
B1 - Income Eligible Existing Buildings	2,140	1,711	2,222	29,976
B1a - Income Eligible Coordinated Delivery	2,140	1,711	2,222	29,976
B1b - Income Eligible Active Demand Reduction	-	-	0	0
C - Commercial & Industrial	7,052	3,193	7,759	66,351
C1 - C&I New Buildings	415	208	491	5,317
C1a - C&I New Buildings & Major Renovations	415	208	491	5,317
C2 - C&I Existing Buildings	6,637	2,985	7,268	61,034
C2a - C&I Existing Building Retrofit	4,057	1,948	4,276	38,561
C2b - C&I New & Replacement Equipment	2,582	1,036	2,980	22,462
C2c - C&I Active Demand Reduction	-	-	10	10
Grand Total	34,124	29,488	33,158	523,540

Program Benefits, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
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2022 Planned TRC Benefits (\$)											
Program	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	5,008,908	(270,196)	(7,274)	38,113,949	31,813,636	-	140,145	-	492,279	6,594,778	81,885,825
A1 - Residential New Buildings	226,446	697,291	-	(297,384)	5,765,197	-	-	-	-	315,249	6,706,798
A1a - Residential New Homes & Renovations	226,446	697,291	-	(297,384)	5,765,197	-	-	-	-	315,249	6,706,798
A2 - Residential Existing Buildings	4,782,062	(967,487)	(7,274)	38,411,333	26,048,439	-	140,145	-	492,279	6,279,529	75,179,027
A2a - Residential Coordinated Delivery	1,885,988	7,071,237	-	21,197,033	5,762,462	-	-	-	402,854	5,937,257	42,256,832
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	1,972,666	(8,038,090)	(7,274)	17,214,300	20,285,977	-	140,145	-	89,425	342,272	31,999,421
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	923,407	(634)	-	-	-	-	-	-	-	-	922,773
B - Income Eligible	623,837	1,865,763	(1,952)	2,111,305	1,504,918	-	-	-	198,861	4,266,366	10,569,099
B1 - Income Eligible Existing Buildings	623,837	1,865,763	(1,952)	2,111,305	1,504,918	-	-	-	198,861	4,266,366	10,569,099
B1a - Income Eligible Coordinated Delivery	614,290	1,865,763	(1,952)	2,111,305	1,504,918	-	-	-	198,861	4,266,366	10,559,552
B1b - Income Eligible Active Demand Reduction	9,547	-	-	-	-	-	-	-	-	-	9,547
C - Commercial & Industrial	6,181,560	8,050,048	(272,346)	3,090,668	1,549,857	-	255,650	-	31,506	6,175,175	25,062,117
C1 - C&I New Buildings	727,808	926,994	(31,532)	(14,154)	-	-	-	-	-	409,333	2,018,449
C1a - C&I New Buildings & Major Renovations	727,808	926,994	(31,532)	(14,154)	-	-	-	-	-	409,333	2,018,449
C2 - C&I Existing Buildings	5,453,752	7,123,054	(240,815)	3,104,822	1,549,857	-	255,650	-	31,506	5,765,842	23,043,668
C2a - C&I Existing Building Retrofit	3,719,650	5,654,376	(29,389)	2,746,549	103,740	-	-	-	26,216	4,093,866	16,115,014
C2b - C&I New & Replacement Equipment	651,453	1,473,715	(11,432)	358,273	1,446,117	-	255,650	-	5,291	1,671,976	5,851,042
C2c - C&I Active Demand Reduction	1,082,649	(5,037)	-	-	-	-	-	-	-	-	1,077,612
Grand Total	11,813,905	9,645,614	(281,572)	43,315,922	34,868,410	-	395,795	-	722,646	17,036,319	117,517,041

2022 Evaluated TRC Benefits (\$)											
Program	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	3,915,705	1,743,101	226,021	32,960,311	21,390,600	-	400,902	-	664,098	5,578,683	66,879,420
A1 - Residential New Buildings	272,066	1,114,895	-	(7)	2,579,643	-	-	-	-	391,126	4,357,723
A1a - Residential New Homes & Renovations	272,066	1,114,895	-	(7)	2,579,643	-	-	-	-	391,126	4,357,723
A2 - Residential Existing Buildings	3,643,638	628,205	226,021	32,960,318	18,810,957	-	400,902	-	664,098	5,187,558	62,521,697
A2a - Residential Coordinated Delivery	1,478,073	4,079,196	229,876	11,736,677	2,890,878	-	-	-	617,912	4,809,887	25,842,500
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	1,464,455	(3,450,991)	(3,855)	21,223,641	15,920,078	-	400,902	-	46,186	377,671	35,978,087
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	701,110	-	-	-	-	-	-	-	-	-	701,110
B - Income Eligible	376,469	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,982,967
B1 - Income Eligible Existing Buildings	376,469	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,982,967
B1a - Income Eligible Coordinated Delivery	369,965	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,976,463
B1b - Income Eligible Active Demand Reduction	6,504	-	-	-	-	-	-	-	-	-	6,504
C - Commercial & Industrial	3,865,434	7,077,705	(207,891)	344,100	856,274	-	147,668	-	116,012	3,426,258	15,625,559
C1 - C&I New Buildings	705,470	1,006,007	(29,237)	159,866	-	-	-	-	-	421,275	2,263,381
C1a - C&I New Buildings & Major Renovations	705,470	1,006,007	(29,237)	159,866	-	-	-	-	-	421,275	2,263,381
C2 - C&I Existing Buildings	3,159,964	6,071,698	(178,654)	184,234	856,274	-	147,668	-	116,012	3,004,983	13,362,178
C2a - C&I Existing Building Retrofit	1,802,137	4,450,622	(163,714)	7,749	485,141	-	-	-	105,279	1,910,440	8,597,654
C2b - C&I New & Replacement Equipment	932,269	1,621,076	(14,941)	176,486	371,133	-	147,668	-	10,733	1,094,543	4,338,966
C2c - C&I Active Demand Reduction	425,559	-	-	-	-	-	-	-	-	-	425,559
Grand Total	8,157,608	9,850,930	16,533	36,794,691	26,360,392	-	548,570	-	858,366	11,900,856	94,487,946

2022 Planned v. Evaluated TRC Benefits Variances (%)											
Program	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	-100%	-100%	-100%	-100%	-100%	0%	-100%	0%	-100%	-100%	-100%
A1 - Residential New Buildings	20%	60%	0%	-100%	-55%	0%	0%	0%	0%	24%	-35%
A1a - Residential New Homes & Renovations	20%	60%	0%	-100%	-55%	0%	0%	0%	0%	24%	-35%
A2 - Residential Existing Buildings	-24%	-165%	-3207%	-14%	-28%	0%	186%	0%	35%	-17%	-17%
A2a - Residential Coordinated Delivery	-22%	-42%	0%	-45%	-50%	0%	0%	0%	53%	-19%	-39%
A2b - Residential Conservation Services (RCS)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2c - Residential Retail	-26%	-57%	-47%	23%	-22%	0%	186%	0%	-48%	10%	12%
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	-24%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	-24%
B - Income Eligible	-40%	-45%	-18%	65%	173%	0%	0%	0%	-61%	-32%	13%
B1 - Income Eligible Existing Buildings	-40%	-45%	-18%	65%	173%	0%	0%	0%	-61%	-32%	13%
B1a - Income Eligible Coordinated Delivery	-40%	-45%	-18%	65%	173%	0%	0%	0%	-61%	-32%	13%
B1b - Income Eligible Active Demand Reduction	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-32%
C - Commercial & Industrial	-37%	-12%	-24%	-89%	-45%	0%	-42%	0%	268%	-45%	-38%
C1 - C&I New Buildings	-3%	9%	-7%	-1229%	0%	0%	0%	0%	0%	3%	12%
C1a - C&I New Buildings & Major Renovations	-3%	9%	-7%	-1229%	0%	0%	0%	0%	0%	3%	12%
C2 - C&I Existing Buildings	-42%	-15%	-26%	-94%	-45%	0%	-42%	0%	268%	-48%	-42%
C2a - C&I Existing Building Retrofit	-52%	-21%	-29%	-100%	368%	0%	0%	0%	302%	-53%	-47%
C2b - C&I New & Replacement Equipment	43%	10%	31%	-51%	-74%	0%	-42%	0%	103%	-35%	-26%
C2c - C&I Active Demand Reduction	-61%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	-61%
Grand Total	-31%	2%	-106%	-15%	-24%	0%	39%	0%	19%	-30%	-20%

Notes
• Benefits for each year are presented in real dollars (2022\$).

Program Benefits, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Additional Benefit Information (\$)						
Program	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	75,291,047	5,354	17,608,711	21,616,893	37,879,785	22,389,147
A1 - Residential New Buildings	6,391,550	16,688	1,309,894	1,649,772	4,873,785	183,242
A1a - Residential New Homes & Renovations	6,391,550	16,688	1,309,894	1,649,772	4,873,785	183,242
A2 - Residential Existing Buildings	68,899,497	5,037	16,307,817	19,967,121	33,006,000	22,205,905
A2a - Residential Coordinated Delivery	36,319,575	11,364	10,266,527	15,204,314	26,832,643	219,875
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-
A2c - Residential Retail	31,657,150	3,731	6,042,257	3,840,034	6,173,357	21,986,030
A2d - Residential Behavior	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	922,773	462	(967)	922,773	-	-
B - Income Eligible	6,302,732	5,392	1,634,273	4,255,964	5,382,881	930,254
B1 - Income Eligible Existing Buildings	6,302,732	5,392	1,634,273	4,255,964	5,382,881	930,254
B1a - Income Eligible Coordinated Delivery	6,293,185	5,511	1,634,273	4,246,417	5,382,881	930,254
B1b - Income Eligible Active Demand Reduction	9,547	355	-	9,547	-	-
C - Commercial & Industrial	18,886,942	16,878	4,539,998	16,723,727	2,529,123	5,809,268
C1 - C&I New Buildings	1,609,116	18,931	375,990	2,018,449	-	-
C1a - C&I New Buildings & Major Renovations	1,609,116	18,931	375,990	2,018,449	-	-
C2 - C&I Existing Buildings	17,277,826	16,710	4,164,009	14,705,277	2,529,123	5,809,268
C2a - C&I Existing Building Retrofit	12,021,148	24,285	3,112,060	9,667,737	2,529,123	3,918,154
C2b - C&I New & Replacement Equipment	4,179,066	8,581	1,057,847	3,959,928	-	1,891,114
C2c - C&I Active Demand Reduction	1,077,612	20,723	(5,898)	1,077,612	-	-
Grand Total	100,480,721	6,146	23,782,982	42,596,583	45,791,788	29,128,669

2022 Additional Benefit Information (\$)						
Program	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	61,300,737	3,399	14,826,810			
A1 - Residential New Buildings	3,966,598	6,678	941,717			
A1a - Residential New Homes & Renovations	3,966,598	6,678	941,717			
A2 - Residential Existing Buildings	57,334,139	3,287	13,885,093			
A2a - Residential Coordinated Delivery	21,032,613	3,679	5,817,953			
A2b - Residential Conservation Services (RCS)	-	-	-			
A2c - Residential Retail	35,600,416	4,155	8,067,140			
A2d - Residential Behavior	-	-	-			
A2e - Residential Active Demand Reduction	701,110	222	-			
B - Income Eligible	9,087,051	4,768	2,173,004			
B1 - Income Eligible Existing Buildings	9,087,051	4,768	2,173,004			
B1a - Income Eligible Coordinated Delivery	9,080,548	4,859	2,173,004			
B1b - Income Eligible Active Demand Reduction	6,504	176	-			
C - Commercial & Industrial	12,199,301	9,228	3,124,094			
C1 - C&I New Buildings	1,842,106	57,566	465,153			
C1a - C&I New Buildings & Major Renovations	1,842,106	57,566	465,153			
C2 - C&I Existing Buildings	10,357,195	8,029	2,658,941			
C2a - C&I Existing Building Retrofit	6,687,214	10,482	1,844,913			
C2b - C&I New & Replacement Equipment	3,244,422	5,093	814,028			
C2c - C&I Active Demand Reduction	425,559	28,371	-			
Grand Total	82,587,090	3,884	20,123,909			

2022 Planned v. Evaluated Additional Benefit Variances (%)						
Program	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	-100%	-100%	-100%	-100%	-100%	-100%
A1 - Residential New Buildings	-88%	-60%	-28%	-100%	-100%	-100%
A1a - Residential New Homes & Renovations	-88%	-60%	-28%	-100%	-100%	-100%
A2 - Residential Existing Buildings	-17%	-35%	-15%	-100%	-100%	-100%
A2a - Residential Coordinated Delivery	-42%	-68%	-43%	-100%	-100%	-100%
A2b - Residential Conservation Services (RCS)	0%	0%	0%	0%	0%	0%
A2c - Residential Retail	12%	11%	34%	-100%	-100%	-100%
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	-24%	-52%	-100%	-100%	0%	0%
B - Income Eligible	44%	-12%	33%	-100%	-100%	-100%
B1 - Income Eligible Existing Buildings	44%	-12%	33%	-100%	-100%	-100%
B1a - Income Eligible Coordinated Delivery	44%	-12%	33%	-100%	-100%	-100%
B1b - Income Eligible Active Demand Reduction	-32%	-50%	0%	-100%	0%	0%
C - Commercial & Industrial	-35%	-45%	-31%	-100%	-100%	-100%
C1 - C&I New Buildings	14%	204%	24%	-100%	0%	0%
C1a - C&I New Buildings & Major Renovations	14%	204%	24%	-100%	0%	0%
C2 - C&I Existing Buildings	-40%	-52%	-36%	-100%	-100%	-100%
C2a - C&I Existing Building Retrofit	-44%	-57%	-41%	-100%	-100%	-100%
C2b - C&I New & Replacement Equipment	-22%	-41%	-23%	-100%	0%	-100%
C2c - C&I Active Demand Reduction	-61%	37%	-100%	-100%	0%	0%
Grand Total	-18%	-37%	-15%	-100%	-100%	-100%

Notes
• Benefits for each year are presented in real dollars (2022\$).

Program Benefits, Three-Year Total

2022-2024 TRC Benefits (\$)

Cape Light Compact

June 1, 2023

2022 Evaluated TRC Benefits (\$)											
Program	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	3,915,705	1,743,101	226,021	32,960,311	21,390,600	-	400,902	-	664,098	5,578,683	66,879,420
A1 - Residential New Buildings	272,066	1,114,895	-	(7)	2,579,643	-	-	-	-	391,126	4,357,723
A1a - Residential New Homes & Renovations	272,066	1,114,895	-	(7)	2,579,643	-	-	-	-	391,126	4,357,723
A2 - Residential Existing Buildings	3,643,638	628,205	226,021	32,960,318	18,810,957	-	400,902	-	664,098	5,187,558	62,521,697
A2a - Residential Coordinated Delivery	1,478,073	4,079,196	229,876	11,736,677	2,890,878	-	-	-	617,912	4,809,887	25,842,500
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	1,464,455	(3,450,991)	(3,855)	21,223,641	15,920,078	-	400,902	-	46,186	377,671	35,978,087
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	701,110	-	-	-	-	-	-	-	-	-	701,110
B - Income Eligible	376,469	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,982,967
B1 - Income Eligible Existing Buildings	376,469	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,982,967
B1a - Income Eligible Coordinated Delivery	369,965	1,030,124	(1,597)	3,490,280	4,113,518	-	-	-	78,257	2,895,915	11,976,463
B1b - Income Eligible Active Demand Reduction	6,504	-	-	-	-	-	-	-	-	-	6,504
C - Commercial & Industrial	3,865,434	7,077,705	(207,891)	344,100	856,274	-	147,668	-	116,012	3,426,258	15,625,559
C1 - C&I New Buildings	705,470	1,006,007	(29,237)	159,866	-	-	-	-	-	421,275	2,263,381
C1a - C&I New Buildings & Major Renovations	705,470	1,006,007	(29,237)	159,866	-	-	-	-	-	421,275	2,263,381
C2 - C&I Existing Buildings	3,159,964	6,071,698	(178,654)	184,234	856,274	-	147,668	-	116,012	3,004,983	13,362,178
C2a - C&I Existing Building Retrofit	1,802,137	4,450,622	(163,714)	7,749	485,141	-	-	-	105,279	1,910,440	8,597,654
C2b - C&I New & Replacement Equipment	932,269	1,621,076	(14,941)	176,486	371,133	-	147,668	-	10,733	1,094,543	4,338,966
C2c - C&I Active Demand Reduction	425,559	-	-	-	-	-	-	-	-	-	425,559
Grand Total	8,157,608	9,850,930	16,533	36,794,691	26,360,392	-	548,570	-	858,366	11,900,856	94,487,946

2023 Planned TRC Benefits (\$)											
Program	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	5,895,416	(2,758,138)	(8,078)	42,440,828	37,189,436	-	141,650	-	491,068	6,604,282	89,996,462
A1 - Residential New Buildings	248,298	559,566	-	(497,756)	7,558,094	-	-	-	-	365,906	8,234,108
A1a - Residential New Homes & Renovations	248,298	559,566	-	(497,756)	7,558,094	-	-	-	-	365,906	8,234,108
A2 - Residential Existing Buildings	5,647,118	(3,317,704)	(8,078)	42,938,584	29,631,342	-	141,650	-	491,068	6,238,375	81,762,354
A2a - Residential Coordinated Delivery	2,815,569	7,235,031	-	21,799,355	6,066,881	-	-	-	402,040	5,908,363	44,227,239
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	1,658,713	(10,549,635)	(8,078)	21,139,229	23,564,461	-	141,650	-	89,028	330,012	36,365,381
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1,172,835	(3,101)	-	-	-	-	-	-	-	-	1,169,735
B - Income Eligible	1,493,841	2,003,877	(1,881)	1,916,045	1,501,171	-	-	-	143,842	3,970,536	11,027,431
B1 - Income Eligible Existing Buildings	1,493,841	2,003,877	(1,881)	1,916,045	1,501,171	-	-	-	143,842	3,970,536	11,027,431
B1a - Income Eligible Coordinated Delivery	1,476,391	2,003,932	(1,881)	1,916,045	1,501,171	-	-	-	143,842	3,970,536	11,010,035
B1b - Income Eligible Active Demand Reduction	17,451	(54)	-	-	-	-	-	-	-	-	17,396
C - Commercial & Industrial	7,488,420	9,594,071	(256,118)	3,285,134	1,848,997	-	257,801	-	36,511	6,819,571	29,074,387
C1 - C&I New Buildings	1,112,239	1,531,042	(60,775)	(13,644)	-	-	-	-	-	725,146	3,294,008
C1a - C&I New Buildings & Major Renovations	1,112,239	1,531,042	(60,775)	(13,644)	-	-	-	-	-	725,146	3,294,008
C2 - C&I Existing Buildings	6,376,181	8,063,029	(195,343)	3,298,778	1,848,997	-	257,801	-	36,511	6,094,426	25,780,380
C2a - C&I Existing Building Retrofit	4,303,331	6,381,930	(187,059)	2,847,307	116,510	-	-	-	30,845	4,278,155	17,771,019
C2b - C&I New & Replacement Equipment	711,915	1,691,937	(8,284)	451,470	1,732,487	-	257,801	-	5,665	1,816,271	6,659,263
C2c - C&I Active Demand Reduction	1,360,935	(10,838)	-	-	-	-	-	-	-	-	1,350,097
Grand Total	14,877,677	8,839,811	(266,077)	47,642,007	40,539,604	-	399,451	-	671,420	17,394,389	130,098,281

Program Benefits, Three-Year Total

2022-2024 TRC Benefits (\$)

Cape Light Compact

June 1, 2023

Program	2024 Planned TRC Benefits (\$)										
	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	7,061,866	(6,600,584)	(8,910)	48,543,766	42,085,104	-	143,071	-	490,039	6,482,295	98,196,647
A1 - Residential New Buildings	181,126	(60,182)	-	(193,339)	7,818,714	-	-	-	-	285,092	8,031,411
A1a - Residential New Homes & Renovations	181,126	(60,182)	-	(193,339)	7,818,714	-	-	-	-	285,092	8,031,411
A2 - Residential Existing Buildings	6,880,740	(6,540,401)	(8,910)	48,737,105	34,266,390	-	143,071	-	490,039	6,197,203	90,165,237
A2a - Residential Coordinated Delivery	4,161,922	7,532,206	-	22,545,921	6,364,461	-	-	-	401,198	5,885,199	46,890,906
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	1,272,934	(14,069,162)	(8,910)	26,191,184	27,901,930	-	143,071	-	88,841	312,004	41,831,891
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1,445,884	(3,445)	-	-	-	-	-	-	-	-	1,442,439
B - Income Eligible	2,701,541	1,944,660	(905)	1,609,365	1,662,334	-	-	-	76,456	3,318,067	11,311,518
B1 - Income Eligible Existing Buildings	2,701,541	1,944,660	(905)	1,609,365	1,662,334	-	-	-	76,456	3,318,067	11,311,518
B1a - Income Eligible Coordinated Delivery	2,667,791	1,944,805	(905)	1,609,365	1,662,334	-	-	-	76,456	3,318,067	11,277,912
B1b - Income Eligible Active Demand Reduction	33,750	(144)	-	-	-	-	-	-	-	-	33,605
C - Commercial & Industrial	9,157,270	11,157,124	26,311	3,494,633	2,077,755	-	259,951	-	40,605	7,722,041	33,935,690
C1 - C&I New Buildings	1,369,692	1,905,557	(78,857)	(13,329)	-	-	-	-	-	913,961	4,097,225
C1a - C&I New Buildings & Major Renovations	1,369,692	1,905,557	(78,857)	(13,329)	-	-	-	-	-	913,961	4,097,025
C2 - C&I Existing Buildings	7,787,578	9,251,567	105,168	3,507,962	2,077,755	-	259,951	-	40,605	6,808,079	29,838,665
C2a - C&I Existing Building Retrofit	5,281,488	7,643,526	111,026	2,965,213	129,203	-	-	-	34,567	4,836,788	21,001,811
C2b - C&I New & Replacement Equipment	667,466	1,625,502	(5,857)	542,749	1,948,551	-	259,951	-	6,038	1,971,291	7,015,691
C2c - C&I Active Demand Reduction	1,838,624	(17,461)	-	-	-	-	-	-	-	-	1,821,163
Grand Total	18,920,676	6,501,201	16,496	53,647,764	45,825,193	-	403,022	-	607,100	17,522,402	143,443,855

Program	2022-2024 TRC Benefits (\$)										
	Electric		Natural Gas	Oil	Propane	Wood	Motor Gasoline	Motor Diesel	Water	Non-Resource Benefits	Total TRC Test Benefits
	Capacity	Energy									
A - Residential	-	(7,615,621)	209,033	123,944,904	100,665,140	-	685,623	-	1,645,204	18,665,260	255,072,530
A1 - Residential New Buildings	-	1,614,279	-	(691,103)	17,956,451	-	-	-	-	1,042,125	20,623,242
A1a - Residential New Homes & Renovations	-	1,614,279	-	(691,103)	17,956,451	-	-	-	-	1,042,125	20,623,242
A2 - Residential Existing Buildings	-	(9,229,900)	209,033	124,636,007	82,708,689	-	685,623	-	1,645,204	17,623,136	234,449,287
A2a - Residential Coordinated Delivery	-	18,846,434	229,876	56,081,953	15,322,219	-	-	-	1,421,150	16,603,449	116,960,644
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	-	(28,069,788)	(20,844)	68,554,054	67,386,470	-	685,623	-	224,054	1,019,687	114,175,359
A2d - Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	-	(6,546)	-	-	-	-	-	-	-	-	3,313,284
B - Income Eligible	-	4,978,662	(4,383)	7,015,691	7,277,024	-	-	-	298,554	10,184,518	34,321,916
B1 - Income Eligible Existing Buildings	-	4,978,662	(4,383)	7,015,691	7,277,024	-	-	-	298,554	10,184,518	34,321,916
B1a - Income Eligible Coordinated Delivery	-	4,978,861	(4,383)	7,015,691	7,277,024	-	-	-	298,554	10,184,518	34,264,411
B1b - Income Eligible Active Demand Reduction	-	(199)	-	-	-	-	-	-	-	-	57,505
C - Commercial & Industrial	-	27,828,901	(437,698)	7,123,866	4,783,026	-	665,420	-	193,128	17,967,870	78,635,636
C1 - C&I New Buildings	-	4,442,607	(168,870)	132,893	-	-	-	-	-	2,060,382	9,654,413
C1a - C&I New Buildings & Major Renovations	-	4,442,607	(168,870)	132,893	-	-	-	-	-	2,060,382	9,654,413
C2 - C&I Existing Buildings	-	23,386,294	(268,829)	6,990,974	4,783,026	-	665,420	-	193,128	15,907,488	68,981,223
C2a - C&I Existing Building Retrofit	-	18,476,078	(239,747)	5,820,269	730,855	-	-	-	170,692	11,025,383	47,370,485
C2b - C&I New & Replacement Equipment	-	4,938,515	(29,081)	1,170,705	4,052,171	-	665,420	-	22,436	4,882,105	18,013,920
C2c - C&I Active Demand Reduction	-	(28,298)	-	-	-	-	-	-	-	-	3,596,819
Grand Total	-	25,191,942	(233,049)	138,084,461	112,725,190	-	1,351,043	-	2,136,886	46,817,648	368,030,081

Notes

• Benefits for each year are presented in real dollars (2022\$).

Program Benefits, Three-Year Total
2022-2024 TRC Benefits (\$)

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Program	2022 Additional Benefit Information (\$)					
	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	61,300,737	3,399	14,826,810			
A1 - Residential New Buildings	3,966,598	6,678	941,717			
A1a - Residential New Homes & Renovations	3,966,598	6,678	941,717			
A2 - Residential Existing Buildings	57,334,139	3,287	13,885,093			
A2a - Residential Coordinated Delivery	21,032,613	3,679	5,817,953			
A2b - Residential Conservation Services (RCS)	-	-	-			
A2c - Residential Retail	35,600,416	4,155	8,067,140			
A2d - Residential Behavior	-	-	-			
A2e - Residential Active Demand Reduction	701,110	222	-			
B - Income Eligible	9,087,051	4,768	2,173,004			
B1 - Income Eligible Existing Buildings	9,087,051	4,768	2,173,004			
B1a - Income Eligible Coordinated Delivery	9,080,548	4,859	2,173,004			
B1b - Income Eligible Active Demand Reduction	6,504	176	-			
C - Commercial & Industrial	12,199,301	9,228	3,124,094			
C1 - C&I New Buildings	1,842,106	57,566	465,153			
C1a - C&I New Buildings & Major Renovations	1,842,106	57,566	465,153			
C2 - C&I Existing Buildings	10,357,195	8,029	2,658,941			
C2a - C&I Existing Building Retrofit	6,687,214	10,482	1,844,913			
C2b - C&I New & Replacement Equipment	3,244,422	5,093	814,028			
C2c - C&I Active Demand Reduction	425,559	28,371	-			
Grand Total	82,587,090	3,884	20,123,909			

Program	2023 Additional Benefit Information (\$)					
	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	83,392,180	5,781	18,948,802	20,548,844	41,667,015	27,780,603
A1 - Residential New Buildings	7,868,202	20,706	1,535,660	1,404,199	5,831,144	998,765
A1a - Residential New Homes & Renovations	7,868,202	20,706	1,535,660	1,404,199	5,831,144	998,765
A2 - Residential Existing Buildings	75,523,978	5,378	17,413,143	19,144,645	35,835,871	26,781,838
A2a - Residential Coordinated Delivery	38,318,875	11,934	10,577,732	14,676,373	28,970,746	580,120
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-
A2c - Residential Retail	36,035,369	4,247	6,838,973	3,298,538	6,865,125	26,201,718
A2d - Residential Behavior	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1,169,735	498	(3,562)	1,169,735	-	-
B - Income Eligible	7,056,896	7,217	1,641,993	5,100,342	4,689,683	1,237,406
B1 - Income Eligible Existing Buildings	7,056,896	7,217	1,641,993	5,100,342	4,689,683	1,237,406
B1a - Income Eligible Coordinated Delivery	7,039,500	7,433	1,642,056	5,082,946	4,689,683	1,237,406
B1b - Income Eligible Active Demand Reduction	17,396	565	(62)	17,396	-	-
C - Commercial & Industrial	22,254,816	19,437	5,331,878	18,221,299	2,173,621	8,679,468
C1 - C&I New Buildings	2,568,862	30,222	621,573	3,294,008	-	-
C1a - C&I New Buildings & Major Renovations	2,568,862	30,222	621,573	3,294,008	-	-
C2 - C&I Existing Buildings	19,685,954	18,572	4,710,305	14,927,291	2,173,621	8,679,468
C2a - C&I Existing Building Retrofit	13,492,864	25,948	3,488,969	9,193,182	2,173,621	6,404,217
C2b - C&I New & Replacement Equipment	4,842,992	10,048	1,233,359	4,384,012	-	2,275,251
C2c - C&I Active Demand Reduction	1,350,097	23,278	(12,023)	1,350,097	-	-
Grand Total	112,703,892	6,811	25,922,673	43,870,485	48,530,319	37,697,477

Program Benefits, Three-Year Total
2022-2024 TRC Benefits (\$)

Cape Light Compact
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Program	2024 Additional Benefit Information (\$)					
	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	91,714,352	6,205	20,247,993	18,254,609	45,322,666	34,619,372
A1 - Residential New Buildings	7,746,318	25,608	1,433,789	716,743	5,379,035	1,935,633
A1a - Residential New Homes & Renovations	7,746,318	25,608	1,433,789	716,743	5,379,035	1,935,633
A2 - Residential Existing Buildings	83,968,034	5,800	18,814,204	17,537,866	39,943,632	32,683,739
A2a - Residential Coordinated Delivery	41,005,708	12,691	11,002,023	13,734,489	32,102,079	1,054,339
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-
A2c - Residential Retail	41,519,887	4,893	7,816,342	2,360,938	7,841,553	31,629,400
A2d - Residential Behavior	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1,442,439	522	(4,161)	1,442,439	-	-
B - Income Eligible	7,993,451	10,926	1,579,245	6,045,701	3,552,553	1,713,264
B1 - Income Eligible Existing Buildings	7,993,451	10,926	1,579,245	6,045,701	3,552,553	1,713,264
B1a - Income Eligible Coordinated Delivery	7,959,846	11,420	1,579,419	6,012,095	3,552,553	1,713,264
B1b - Income Eligible Active Demand Reduction	33,605	971	(175)	33,605	-	-
C - Commercial & Industrial	26,213,649	22,291	6,251,715	18,546,298	1,904,178	13,485,214
C1 - C&I New Buildings	3,183,063	37,448	775,086	4,097,025	-	-
C1a - C&I New Buildings & Major Renovations	3,183,063	37,448	775,086	4,097,025	-	-
C2 - C&I Existing Buildings	23,030,586	21,110	5,476,629	14,449,273	1,904,178	13,485,214
C2a - C&I Existing Building Retrofit	16,165,023	29,661	4,215,456	8,197,743	1,904,178	10,899,891
C2b - C&I New & Replacement Equipment	5,044,400	10,575	1,280,531	4,430,368	-	2,585,323
C2c - C&I Active Demand Reduction	1,821,163	26,394	(19,358)	1,821,163	-	-
Grand Total	125,921,452	7,546	28,078,953	42,846,608	50,779,397	49,817,850

Program	2022-2024 Additional Benefit Information (\$)					
	Total Resource Benefits	Resource Benefits per Participant	Non-Embedded GHG Benefits	Performance Incentive Components		
				Standard	Equity	Electrification
A - Residential	236,407,269	15,386	54,023,605	38,803,453	86,989,681	62,399,975
A1 - Residential New Buildings	19,581,118	52,991	3,911,166	2,120,942	11,210,179	2,934,399
A1a - Residential New Homes & Renovations	19,581,118	52,991	3,911,166	2,120,942	11,210,179	2,934,399
A2 - Residential Existing Buildings	216,826,152	14,465	50,112,440	36,682,511	75,779,503	59,465,577
A2a - Residential Coordinated Delivery	100,357,196	28,304	27,397,708	28,410,862	61,072,824	1,634,459
A2b - Residential Conservation Services (RCS)	-	-	-	-	-	-
A2c - Residential Retail	113,155,672	13,295	22,722,455	5,659,476	14,706,678	57,831,118
A2d - Residential Behavior	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	3,313,284	1,243	(7,723)	2,612,174	-	-
B - Income Eligible	24,137,398	22,911	5,394,242	11,146,043	8,242,236	2,950,670
B1 - Income Eligible Existing Buildings	24,137,398	22,911	5,394,242	11,146,043	8,242,236	2,950,670
B1a - Income Eligible Coordinated Delivery	24,079,893	23,712	5,394,479	11,095,041	8,242,236	2,950,670
B1b - Income Eligible Active Demand Reduction	57,505	1,712	(237)	51,001	-	-
C - Commercial & Industrial	60,667,767	50,955	14,707,687	36,767,597	4,077,799	22,164,682
C1 - C&I New Buildings	7,594,031	125,236	1,861,812	7,391,032	-	-
C1a - C&I New Buildings & Major Renovations	7,594,031	125,236	1,861,812	7,391,032	-	-
C2 - C&I Existing Buildings	53,073,735	47,710	12,845,876	29,376,564	4,077,799	22,164,682
C2a - C&I Existing Building Retrofit	36,345,102	66,090	9,549,338	17,390,924	4,077,799	17,304,107
C2b - C&I New & Replacement Equipment	13,131,814	25,716	3,327,919	8,814,380	-	4,860,574
C2c - C&I Active Demand Reduction	3,596,819	78,042	(31,381)	3,171,260	-	-
Grand Total	321,212,434	18,241	74,125,535	86,717,092	99,309,716	87,515,327

Notes
• Benefits for each year are presented in real dollars (2022\$).

Cost-Effectiveness
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Planned Total Resource Cost Test (2022S)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A- Residential	1.99	40,824,781	81,885,825	36,267,091	-	4,793,952	41,061,043
A1 - Residential New Buildings	2.60	4,112,820	6,706,798	2,792,919	-	(209,941)	2,582,978
A1a - Residential New Homes & Renovations	2.60	4,112,820	6,706,798	2,792,919	-	(209,941)	2,582,978
A2 - Residential Existing Buildings	2.20	41,011,707	75,179,027	29,163,426	-	5,003,893	34,167,319
A2a - Residential Coordinated Delivery	2.50	25,327,262	42,256,832	16,365,554	-	564,016	16,929,570
A2b - Residential Conservation Services (RCS)	0.00	(1,935,450)	-	1,935,450	-	-	1,935,450
A2c - Residential Retail	2.16	17,204,689	31,999,421	10,354,856	-	4,439,877	14,794,733
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1.82	415,207	922,773	507,566	-	-	507,566
A3 - Residential Hard-to-Measure	0.00	(4,310,746)	-	4,310,746	-	-	4,310,746
B - Income Eligible	1.69	4,297,517	10,569,099	6,271,581	-	-	6,271,581
B1 - Income Eligible Existing Buildings	1.78	4,617,445	10,569,099	5,951,653	-	-	5,951,653
B1a - Income Eligible Coordinated Delivery	1.77	4,609,125	10,559,552	5,950,427	-	-	5,950,427
B1b - Income Eligible Active Demand Reduction	7.78	8,330	9,547	1,227	-	-	1,227
B2 - Income Eligible Hard-to-Measure	0.00	(119,928)	-	319,928	-	-	319,928
C - Commercial & Industrial	1.35	6,543,504	25,062,117	18,192,937	-	325,676	18,518,613
C1 - C&I New Buildings	2.67	1,262,941	2,018,449	801,614	-	(46,106)	795,509
C1a - C&I New Buildings & Major Renovations	2.67	1,262,941	2,018,449	801,614	-	(46,106)	795,509
C2 - C&I Existing Buildings	1.39	6,512,898	23,043,668	16,158,989	-	371,781	16,530,770
C2a - C&I Existing Building Retrofits	1.27	3,460,169	16,115,014	12,950,211	-	64,634	12,664,845
C2b - C&I New & Replacement Equipment	1.63	2,251,668	5,851,042	3,292,227	-	307,147	3,599,374
C2c - C&I Active Demand Reduction	3.90	801,061	1,077,612	276,551	-	-	276,551
C3 - C&I Hard-to-Measure	0.00	(1,232,334)	-	1,232,334	-	-	1,232,334
Grand Total	1.78	51,665,803	117,517,041	60,731,610	-	5,119,628	65,851,238

2022 Evaluated Total Resource Cost Test (2022S)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A- Residential	1.73	28,321,768	66,879,420	30,891,873	-	7,665,779	38,557,652
A1 - Residential New Buildings	2.26	2,431,941	4,357,723	3,072,604	-	(1,146,822)	1,925,782
A1a - Residential New Homes & Renovations	2.26	2,431,941	4,357,723	3,072,604	-	(1,146,822)	1,925,782
A2 - Residential Existing Buildings	1.95	30,534,462	62,521,697	23,184,635	-	8,812,601	31,997,236
A2a - Residential Coordinated Delivery	2.18	19,972,395	25,842,500	10,132,945	-	1,737,160	11,870,104
A2b - Residential Conservation Services (RCS)	0.00	(1,258,480)	-	1,258,480	-	-	1,258,480
A2c - Residential Retail	1.95	17,503,578	35,978,087	11,399,068	-	7,075,441	18,474,509
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1.78	396,968	701,110	394,142	-	-	394,142
A3 - Residential Hard-to-Measure	0.00	(4,634,634)	-	4,634,634	-	-	4,634,634
B - Income Eligible	1.27	2,576,887	11,982,967	9,402,872	-	3,207	9,406,080
B1 - Income Eligible Existing Buildings	1.32	2,911,542	11,982,967	9,068,217	-	3,207	9,071,424
B1a - Income Eligible Coordinated Delivery	1.32	2,905,134	11,976,463	9,068,142	-	3,207	9,071,349
B1b - Income Eligible Active Demand Reduction	6.68	6,408	6,504	75	-	-	75
B2 - Income Eligible Hard-to-Measure	0.00	(334,655)	-	334,655	-	-	334,655
C - Commercial & Industrial	1.46	4,947,493	15,625,959	9,414,643	-	1,263,423	10,678,066
C1 - C&I New Buildings	4.37	1,745,000	2,263,381	406,377	-	112,004	518,381
C1a - C&I New Buildings & Major Renovations	4.37	1,745,000	2,263,381	406,377	-	112,004	518,381
C2 - C&I Existing Buildings	1.44	4,105,493	13,362,578	8,105,308	-	1,151,419	9,256,727
C2a - C&I Existing Building Retrofits	1.18	1,291,285	8,597,654	6,543,147	-	761,223	7,304,370
C2b - C&I New & Replacement Equipment	2.49	2,596,690	4,338,966	1,352,079	-	390,196	1,742,275
C2c - C&I Active Demand Reduction	2.03	215,477	425,559	210,082	-	-	210,082
C3 - C&I Hard-to-Measure	0.00	(602,998)	-	602,998	-	-	602,998
Grand Total	1.61	35,846,149	94,487,946	49,799,388	-	8,932,409	58,641,798

2022 Planned v. Evaluated Total Resource Cost Test (2022S) Variances (%)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A- Residential	-13%	-31%	-18%	-15%	0%	60%	-8%
A1 - Residential New Buildings	-13%	-41%	-35%	10%	0%	446%	-25%
A1a - Residential New Homes & Renovations	-13%	-41%	-35%	10%	0%	446%	-25%
A2 - Residential Existing Buildings	-11%	-20%	-17%	21%	0%	70%	40%
A2a - Residential Coordinated Delivery	-13%	-45%	-39%	-38%	0%	208%	-30%
A2b - Residential Conservation Services (RCS)	0%	-35%	0%	-35%	0%	0%	-35%
A2c - Residential Retail	-10%	2%	12%	10%	0%	59%	25%
A2d - Residential Behavior	0%	0%	0%	0%	0%	0%	0%
A2e - Residential Active Demand Reduction	-2%	-6%	-2%	22%	0%	0%	22%
A3 - Residential Hard-to-Measure	0%	8%	0%	8%	0%	0%	8%
B - Income Eligible	-24%	-40%	13%	50%	0%	0%	50%
B1 - Income Eligible Existing Buildings	-26%	-37%	13%	52%	0%	0%	52%
B1a - Income Eligible Coordinated Delivery	-26%	-37%	13%	52%	0%	0%	52%
B1b - Income Eligible Active Demand Reduction	1010%	-21%	-23%	94%	0%	0%	94%
B2 - Income Eligible Hard-to-Measure	0%	5%	0%	5%	0%	0%	5%
C - Commercial & Industrial	8%	-24%	-38%	-48%	0%	288%	-42%
C1 - C&I New Buildings	63%	38%	12%	-49%	0%	-343%	-31%
C1a - C&I New Buildings & Major Renovations	63%	38%	12%	-49%	0%	-343%	-31%
C2 - C&I Existing Buildings	4%	-2%	-2%	50%	0%	210%	44%
C2a - C&I Existing Building Retrofits	-8%	-63%	-47%	-48%	0%	1078%	-42%
C2b - C&I New & Replacement Equipment	53%	15%	-26%	-59%	0%	27%	-52%
C2c - C&I Active Demand Reduction	-48%	-73%	-61%	-24%	0%	0%	-24%
C3 - C&I Hard-to-Measure	0%	-27%	0%	-27%	0%	0%	-27%
Grand Total	-10%	-31%	-20%	-18%	0%	74%	-11%

Notes
• Costs and benefits for each year are presented in real dollars (2022S).
• The Total TRC Costs are the sum of the Total Program Costs, Performance Incentives, and Participant Costs.
• The plan year variances provided above are intended to indicate the Program Administrator's performance in the plan year only. The variances used to determine significant variances are provided separately. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

Cost-Effectiveness, Three-Year Total
2022-2024 Total Resource Cost Test (2022\$)
Cape Light Compact
June 1, 2023

2022 Evaluated Total Resource Cost Test (2022\$)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A - Residential	1.73	28,321,768	66,879,420	30,891,873	-	7,665,779	38,557,652
A1 - Residential New Buildings	2.26	2,431,941	4,357,723	3,072,604	-	(1,146,822)	1,925,782
A1a - Residential New Homes & Renovations	2.26	2,431,941	4,357,723	3,072,604	-	(1,146,822)	1,925,782
A2 - Residential Existing Buildings	1.95	30,524,462	62,521,697	23,184,635	-	8,812,601	31,997,235
A2a - Residential Coordinated Delivery	2.18	13,972,395	25,842,500	10,132,945	-	1,737,160	11,870,104
A2b - Residential Conservation Services (RCS)	0.00	(1,258,480)	-	1,258,480	-	-	1,258,480
A2c - Residential Retail	1.95	17,503,578	35,978,087	11,399,068	-	7,075,441	18,474,509
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1.78	306,968	701,110	394,142	-	-	394,142
A3 - Residential Hard-to-Measure	0.00	(4,634,634)	-	4,634,634	-	-	4,634,634
B - Income Eligible	1.27	2,576,887	11,982,967	9,402,872	-	3,207	9,406,080
B1 - Income Eligible Existing Buildings	1.32	2,911,542	11,982,967	9,068,217	-	3,207	9,071,424
B1a - Income Eligible Coordinated Delivery	1.32	2,905,114	11,976,463	9,068,142	-	3,207	9,071,349
B1b - Income Eligible Active Demand Reduction	86.39	6,428	6,504	75	-	-	75
B2 - Income Eligible Hard-to-Measure	0.00	(334,655)	-	334,655	-	-	334,655
C - Commercial & Industrial	1.46	4,947,493	15,625,559	9,414,643	-	1,263,423	10,678,066
C1 - C&I New Buildings	4.37	1,745,000	2,263,381	406,377	-	112,004	518,381
C1a - C&I New Buildings & Major Renovations	4.37	1,745,000	2,263,381	406,377	-	112,004	518,381
C2 - C&I Existing Buildings	1.44	4,105,451	13,362,178	8,105,308	-	1,151,419	9,256,727
C2a - C&I Existing Building Retrofit	1.18	1,293,285	8,597,654	6,543,147	-	761,223	7,304,370
C2b - C&I New & Replacement Equipment	2.49	2,596,690	4,338,966	1,352,079	-	390,196	1,742,275
C2c - C&I Active Demand Reduction	2.03	215,477	425,559	210,082	-	-	210,082
C3 - C&I Hard-to-Measure	0.00	(902,958)	-	902,958	-	-	902,958
Grand Total	1.61	35,846,148	94,487,946	49,709,388	-	8,932,409	58,641,798

2023 Planned Total Resource Cost Test (2022\$)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A - Residential	2.10	47,191,704	89,996,462	37,605,138	-	5,199,620	42,804,758
A1 - Residential New Buildings	3.40	5,809,957	8,234,108	2,581,170	-	(157,019)	2,424,151
A1a - Residential New Homes & Renovations	3.40	5,809,957	8,234,108	2,581,170	-	(157,019)	2,424,151
A2 - Residential Existing Buildings	2.27	45,732,395	81,762,354	30,673,320	-	5,356,639	36,029,958
A2a - Residential Coordinated Delivery	2.57	27,026,238	44,227,239	16,551,663	-	649,338	17,201,000
A2b - Residential Conservation Services (RCS)	0.00	(1,890,991)	-	1,890,991	-	-	1,890,991
A2c - Residential Retail	2.22	20,019,456	36,365,381	11,638,623	-	4,707,301	16,345,924
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	1.98	577,691	1,169,735	592,043	-	-	592,043
A3 - Residential Hard-to-Measure	0.00	(4,350,648)	-	4,350,648	-	-	4,350,648
B - Income Eligible	1.64	4,291,543	11,027,431	6,735,889	-	-	6,735,889
B1 - Income Eligible Existing Buildings	1.72	4,624,369	11,027,431	6,403,063	-	-	6,403,063
B1a - Income Eligible Coordinated Delivery	1.72	4,608,334	11,010,035	6,401,702	-	-	6,401,702
B1b - Income Eligible Active Demand Reduction	12.78	16,035	17,396	1,361	-	-	1,361
B2 - Income Eligible Hard-to-Measure	0.00	(332,826)	-	332,826	-	-	332,826
C - Commercial & Industrial	1.49	9,506,595	29,074,387	19,097,913	-	469,879	19,567,792
C1 - C&I New Buildings	4.49	2,560,690	3,294,008	777,120	-	(43,802)	733,318
C1a - C&I New Buildings & Major Renovations	4.49	2,560,690	3,294,008	777,120	-	(43,802)	733,318
C2 - C&I Existing Buildings	1.47	8,235,699	25,780,380	17,031,000	-	513,681	17,544,681
C2a - C&I Existing Building Retrofit	1.34	4,460,999	17,771,019	13,106,959	-	203,061	13,310,020
C2b - C&I New & Replacement Equipment	1.71	2,757,434	6,659,263	3,591,210	-	310,620	3,901,830
C2c - C&I Active Demand Reduction	4.06	1,017,266	1,350,097	332,831	-	-	332,831
C3 - C&I Hard-to-Measure	0.00	(1,289,794)	-	1,289,794	-	-	1,289,794
Grand Total	1.88	60,989,842	130,098,281	63,438,940	-	5,669,499	69,108,439

Cost-Effectiveness, Three-Year Total
2022-2024 Total Resource Cost Test (2022\$)
Cape Light Compact
June 1, 2023

2024 Planned Total Resource Cost Test (2022\$)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A - Residential	1.92	47,003,811	98,196,647	45,551,607	-	5,641,229	51,192,836
A1 - Residential New Buildings	1.00	8,179	8,031,411	8,160,538	-	(137,306)	8,023,232
A1a - Residential New Homes & Renovations	1.00	8,179	8,031,411	8,160,538	-	(137,306)	8,023,232
A2 - Residential Existing Buildings	2.33	51,483,228	90,165,237	32,903,473	-	5,778,535	38,682,009
A2a - Residential Coordinated Delivery	2.63	29,089,814	46,890,906	17,103,103	-	697,989	17,801,092
A2b - Residential Conservation Services (RCS)	0.00	(1,842,294)	-	1,842,294	-	-	1,842,294
A2c - Residential Retail	2.28	23,467,444	41,831,891	13,283,901	-	5,080,547	18,364,448
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	2.14	768,264	1,442,439	674,175	-	-	674,175
A3 - Residential Hard-to-Measure	0.00	(4,487,596)	-	4,487,596	-	-	4,487,596
B - Income Eligible	1.60	4,253,519	11,311,518	7,057,998	-	-	7,057,998
B1 - Income Eligible Existing Buildings	1.68	4,579,442	11,311,518	6,732,075	-	-	6,732,075
B1a - Income Eligible Coordinated Delivery	1.68	4,547,325	11,277,912	6,730,587	-	-	6,730,587
B1b - Income Eligible Active Demand Reduction	22.58	32,117	33,605	1,488	-	-	1,488
B2 - Income Eligible Hard-to-Measure	0.00	(325,923)	-	325,923	-	-	325,923
C - Commercial & Industrial	1.77	14,799,771	33,935,690	18,506,054	-	629,864	19,135,919
C1 - C&I New Buildings	5.72	3,380,485	4,097,025	758,595	-	(42,056)	716,540
C1a - C&I New Buildings & Major Renovations	5.72	3,380,485	4,097,025	758,595	-	(42,056)	716,540
C2 - C&I Existing Buildings	1.74	12,659,260	29,838,665	16,507,485	-	671,920	17,179,405
C2a - C&I Existing Building Retrofit	1.65	8,276,379	21,001,811	12,314,571	-	410,862	12,725,433
C2b - C&I New & Replacement Equipment	1.74	2,989,125	7,015,691	3,765,508	-	261,058	4,026,566
C2c - C&I Active Demand Reduction	4.26	1,393,757	1,821,163	427,406	-	-	427,406
C3 - C&I Hard-to-Measure	0.00	(1,239,974)	-	1,239,974	-	-	1,239,974
Grand Total	1.85	66,057,102	143,443,855	71,115,660	-	6,271,093	77,386,753

2022-2024 Total Resource Cost Test (2022\$)							
Program	Benefit-Cost Ratio	Net Benefits	Total TRC Test Benefits	Costs			
				Total Program Costs	Performance Incentive	Participant Costs	Total TRC Test Costs
A - Residential	1.92	122,517,283	255,072,530	114,048,618	-	18,506,628	132,555,246
A1 - Residential New Buildings	1.67	8,250,077	20,623,242	13,814,312	-	(1,441,147)	12,373,165
A1a - Residential New Homes & Renovations	1.67	8,250,077	20,623,242	13,814,312	-	(1,441,147)	12,373,165
A2 - Residential Existing Buildings	2.20	127,740,085	234,449,287	86,761,428	-	19,947,775	106,709,203
A2a - Residential Coordinated Delivery	2.50	70,088,447	116,960,644	43,787,711	-	3,084,486	46,872,197
A2b - Residential Conservation Services (RCS)	0.00	(4,991,764)	-	4,991,764	-	-	4,991,764
A2c - Residential Retail	2.15	60,990,478	114,175,359	36,321,593	-	16,863,288	53,184,881
A2d - Residential Behavior	-	-	-	-	-	-	-
A2e - Residential Active Demand Reduction	2.00	1,652,924	3,313,284	1,660,360	-	-	1,660,360
A3 - Residential Hard-to-Measure	0.00	(13,472,878)	-	13,472,878	-	-	13,472,878
B - Income Eligible	1.48	11,121,949	34,321,916	23,196,759	-	3,207	23,199,967
B1 - Income Eligible Existing Buildings	1.55	12,115,353	34,321,916	22,203,355	-	3,207	22,206,563
B1a - Income Eligible Coordinated Delivery	1.54	12,060,772	34,264,411	22,200,431	-	3,207	22,203,638
B1b - Income Eligible Active Demand Reduction	19.66	54,581	57,505	2,924	-	-	2,924
B2 - Income Eligible Hard-to-Measure	0.00	(993,404)	-	993,404	-	-	993,404
C - Commercial & Industrial	1.59	29,253,859	78,635,636	47,018,611	-	2,363,166	49,381,777
C1 - C&I New Buildings	4.91	7,686,174	9,654,413	1,942,092	-	26,147	1,968,239
C1a - C&I New Buildings & Major Renovations	4.91	7,686,174	9,654,413	1,942,092	-	26,147	1,968,239
C2 - C&I Existing Buildings	1.57	25,000,410	68,981,223	41,643,793	-	2,337,020	43,980,813
C2a - C&I Existing Building Retrofit	1.42	14,030,662	47,370,485	31,964,677	-	1,375,145	33,339,823
C2b - C&I New & Replacement Equipment	1.86	8,343,248	18,013,920	8,708,797	-	961,874	9,670,671
C2c - C&I Active Demand Reduction	3.71	2,626,499	3,596,819	970,319	-	-	970,319
C3 - C&I Hard-to-Measure	0.00	(3,432,725)	-	3,432,725	-	-	3,432,725
Grand Total	1.79	162,893,091	368,030,081	184,263,988	-	20,873,002	205,136,990

Notes
• Costs and benefits for each year are presented in real dollars (2022\$).
• The Total TRC Costs are the sum of the Total Program Costs, Performance Incentives, and Participant Costs.

Summary of Electrification, Plan Year Summary
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Planned Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(153)	(1,310)	(5,153)	(90,739)	(36,135)	(542,150)	-	-	26,100	459,774	21,900	385,756
A1 - Residential New Buildings	(0)	(6)	(20)	(482)	(143)	(2,824)	-	-	-	-	209	4,950
A1a - Residential New Homes & Renovations	(0)	(6)	(20)	(482)	(143)	(2,824)	-	-	-	-	209	4,950
A2 - Residential Existing Buildings	(152)	(1,304)	(5,133)	(90,256)	(35,992)	(539,326)	-	-	26,100	459,774	21,691	380,806
A2a - Residential Coordinated Delivery	(4)	(2)	(31)	(459)	(216)	(2,828)	-	-	228	3,426	248	3,724
A2c - Residential Retail	(149)	(1,302)	(5,102)	(89,798)	(35,776)	(536,498)	-	-	25,871	456,349	21,443	377,082
B - Income Eligible	0	(39)	(162)	(2,681)	(1,137)	(16,078)	-	-	731	12,030	1,041	17,113
B1 - Income Eligible Existing Buildings	0	(39)	(162)	(2,681)	(1,137)	(16,078)	-	-	731	12,030	1,041	17,113
B1a - Income Eligible Coordinated Delivery	0	(39)	(162)	(2,681)	(1,137)	(16,078)	-	-	731	12,030	1,041	17,113
C - Commercial & Industrial	(63)	(34)	(448)	(5,406)	(3,157)	(33,742)	-	-	6,565	99,907	2,265	29,869
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(63)	(34)	(448)	(5,406)	(3,157)	(33,742)	-	-	6,565	99,907	2,265	29,869
C2a - C&I Existing Building Retrofit	(5)	(11)	(98)	(1,470)	(690)	(9,095)	-	-	5,852	87,784	-	-
C2b - C&I New & Replacement Equipment	(57)	(23)	(350)	(3,936)	(2,467)	(24,647)	-	-	713	12,123	2,265	29,869
Grand Total	(215)	(1,383)	(5,763)	(98,826)	(40,429)	(591,971)	-	-	33,396	571,711	25,206	432,738

2022 Evaluated Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(226)	(1,116)	(4,604)	(81,004)	(32,293)	(484,298)	-	-	28,852	509,305	16,228	294,288
A1 - Residential New Buildings	(2)	(41)	(140)	(3,228)	(984)	(18,936)	-	-	-	-	1,423	32,976
A1a - Residential New Homes & Renovations	(2)	(41)	(140)	(3,228)	(984)	(18,936)	-	-	-	-	1,423	32,976
A2 - Residential Existing Buildings	(224)	(1,075)	(4,463)	(77,775)	(31,309)	(465,362)	-	-	28,852	509,305	14,805	261,312
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	(224)	(1,075)	(4,463)	(77,775)	(31,309)	(465,362)	-	-	28,852	509,305	14,805	261,312
B - Income Eligible	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
B1 - Income Eligible Existing Buildings	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
B1a - Income Eligible Coordinated Delivery	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
C - Commercial & Industrial	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	-	-	-	-
C2b - C&I New & Replacement Equipment	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
Grand Total	(268)	(1,219)	(5,118)	(89,112)	(35,901)	(533,106)	-	-	33,180	582,036	21,533	375,302

2022-2024 Planned v. Evaluated Savings Variances (%)												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	48%	-15%	-11%	-11%	-11%	-11%	0%	0%	11%	11%	-26%	-24%
A1 - Residential New Buildings	860%	572%	586%	569%	586%	570%	0%	0%	0%	0%	581%	566%
A1a - Residential New Homes & Renovations	860%	572%	586%	569%	586%	570%	0%	0%	0%	0%	581%	566%
A2 - Residential Existing Buildings	47%	-18%	-13%	-14%	-13%	-14%	0%	0%	11%	11%	-32%	-31%
A2a - Residential Coordinated Delivery	-100%	-100%	-100%	-100%	-100%	-100%	0%	0%	-100%	-100%	-100%	-100%
A2c - Residential Retail	51%	-17%	-13%	-13%	-12%	-13%	0%	0%	12%	12%	-31%	-31%
B - Income Eligible	-5006%	106%	120%	125%	120%	125%	0%	0%	436%	446%	367%	329%
B1 - Income Eligible Existing Buildings	-5006%	106%	120%	125%	120%	125%	0%	0%	436%	446%	367%	329%
B1a - Income Eligible Coordinated Delivery	-5006%	106%	120%	125%	120%	125%	0%	0%	436%	446%	367%	329%
C - Commercial & Industrial	-46%	-35%	-65%	-61%	-65%	-62%	0%	0%	-94%	-93%	-80%	-75%
C1 - C&I New Buildings	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C1a - C&I New Buildings & Major Renovations	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C2 - C&I Existing Buildings	-46%	-35%	-65%	-61%	-65%	-62%	0%	0%	-94%	-93%	-80%	-75%
C2a - C&I Existing Building Retrofit	-100%	-100%	-100%	-100%	-100%	-100%	0%	0%	-100%	-100%	0%	0%
C2b - C&I New & Replacement Equipment	-41%	-5%	-55%	-47%	-55%	-49%	0%	0%	-42%	-42%	-80%	-75%
Grand Total	25%	-12%	-11%	-10%	-11%	-10%	0%	0%	-1%	2%	-15%	-13%

Notes
This table is provided in compliance with the Department's Order at 111: "the Program Administrators shall revise the Energy Efficiency Data Tables in a manner that provides the allocated costs, benefits, and savings associated with their electrification offerings by sector. The revised tables shall be submitted as a compliance filing in these proceedings, as well as in future Annual Reports and Term Report proceedings." The PAS note that it is not practically feasible to allocate overhead costs to specific measures; therefore, this table only represents direct incentive costs paid for electrification measures.

Summary of Electrification, Plan Yc
2022 Planned vs. Evaluated
Cape Light Compact
June 1, 2023

2022 Planned Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	574	4,456	-	-	12,438	307,836	3,388	3,924	
A1 - Residential New Buildings	-	-	-	-	65	2,126	47	55	
A1a - Residential New Homes & Renovations	-	-	-	-	65	2,126	47	55	
A2 - Residential Existing Buildings	574	4,456	-	-	12,373	305,710	3,341	3,869	
A2a - Residential Coordinated Delivery	-	-	-	-	261	4,321	32	35	
A2c - Residential Retail	574	4,456	-	-	12,112	301,389	3,308	3,834	
B - Income Eligible	-	-	-	-	635	13,065	101	116	
B1 - Income Eligible Existing Buildings	-	-	-	-	635	13,065	101	116	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	635	13,065	101	116	
C - Commercial & Industrial	2,208	8,210	-	-	7,881	104,243	721	689	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	2,208	8,210	-	-	7,881	104,243	721	689	
C2a - C&I Existing Building Retrofit	-	-	-	-	5,162	78,688	478	486	
C2b - C&I New & Replacement Equipment	2,208	8,210	-	-	2,718	25,555	244	203	
Grand Total	2,781	12,665	-	-	20,954	425,144	4,210	4,729	

2022 Evaluated Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	1,747	12,778	-	-	14,534	332,073	3,632	4,073	
A1 - Residential New Buildings	-	-	-	-	438	14,040	317	374	
A1a - Residential New Homes & Renovations	-	-	-	-	438	14,040	317	374	
A2 - Residential Existing Buildings	1,747	12,778	-	-	14,095	318,033	3,315	3,699	
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	
A2c - Residential Retail	1,747	12,778	-	-	14,095	318,033	3,315	3,699	
B - Income Eligible	-	-	-	-	6,269	102,966	598	629	
B1 - Income Eligible Existing Buildings	-	-	-	-	6,269	102,966	598	629	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	6,269	102,966	598	629	
C - Commercial & Industrial	733	4,718	-	-	489	6,689	93	68	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	733	4,718	-	-	489	6,689	93	68	
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	
C2b - C&I New & Replacement Equipment	733	4,718	-	-	489	6,689	93	68	
Grand Total	2,480	17,496	-	-	21,292	441,728	4,323	4,771	

2022-2024 Planned v. Evaluated Savings Variances (%)									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	205%	187%	0%	0%	17%	8%	7%	4%	
A1 - Residential New Buildings	0%	0%	0%	0%	571%	561%	580%	580%	
A1a - Residential New Homes & Renovations	0%	0%	0%	0%	571%	561%	580%	580%	
A2 - Residential Existing Buildings	205%	187%	0%	0%	14%	4%	-1%	-4%	
A2a - Residential Coordinated Delivery	0%	0%	0%	0%	-100%	-100%	-100%	-100%	
A2c - Residential Retail	205%	187%	0%	0%	16%	6%	0%	-4%	
B - Income Eligible	0%	0%	0%	0%	888%	688%	491%	445%	
B1 - Income Eligible Existing Buildings	0%	0%	0%	0%	888%	688%	491%	445%	
B1a - Income Eligible Coordinated Delivery	0%	0%	0%	0%	888%	688%	491%	445%	
C - Commercial & Industrial	-67%	-43%	0%	0%	-94%	-94%	-87%	-90%	
C1 - C&I New Buildings	0%	0%	0%	0%	0%	0%	0%	0%	
C1a - C&I New Buildings & Major Renovations	0%	0%	0%	0%	0%	0%	0%	0%	
C2 - C&I Existing Buildings	-67%	-43%	0%	0%	-94%	-94%	-87%	-90%	
C2a - C&I Existing Building Retrofit	0%	0%	0%	0%	-100%	-100%	-100%	-100%	
C2b - C&I New & Replacement Equipment	-67%	-43%	0%	0%	-82%	-74%	-62%	-66%	
Grand Total	-11%	38%	0%	0%	2%	4%	3%	1%	

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Program	2022 Planned Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(1,200,282)	(11,660,245)	-	16,410,119	18,883,268	140,145	-	22,573,005	1,172	22,574,178	4,057,572
A1 - Residential New Buildings	(1,596)	(61,294)	-	-	246,131	-	-	183,242	-	183,242	22,865
A1a - Residential New Homes & Renovations	(1,596)	(61,294)	-	-	246,131	-	-	183,242	-	183,242	22,865
A2 - Residential Existing Buildings	(1,198,686)	(11,598,951)	-	16,410,119	18,637,137	140,145	-	22,389,763	1,172	22,390,936	4,034,707
A2a - Residential Coordinated Delivery	(26,368)	(56,322)	-	120,774	180,878	-	-	218,962	913	219,875	46,804
A2c - Residential Retail	(1,172,318)	(11,542,629)	-	16,289,345	18,456,258	140,145	-	22,170,801	259	22,171,061	3,987,903
B - Income Eligible	1,611	(347,382)	-	427,146	835,000	-	-	916,375	13,879	930,254	153,589
B1 - Income Eligible Existing Buildings	1,611	(347,382)	-	427,146	835,000	-	-	916,375	13,879	930,254	153,589
B1a - Income Eligible Coordinated Delivery	1,611	(347,382)	-	427,146	835,000	-	-	916,375	13,879	930,254	153,589
C - Commercial & Industrial	(151,818)	(654,682)	-	3,289,486	1,446,117	255,650	-	4,184,753	1,624,515	5,809,268	1,131,299
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(151,818)	(654,682)	-	3,289,486	1,446,117	255,650	-	4,184,753	1,624,515	5,809,268	1,131,299
C2a - C&I Existing Building Retrofit	(36,316)	(177,195)	-	2,887,414	-	-	-	2,673,902	1,244,252	3,918,154	851,597
C2b - C&I New & Replacement Equipment	(115,502)	(477,487)	-	402,072	1,446,117	255,650	-	1,510,851	380,263	1,891,114	279,702
Grand Total	(1,350,489)	(12,662,309)	-	20,126,751	21,164,385	395,795	-	27,674,133	1,639,567	29,313,699	5,342,460

Program	2022 Evaluated Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(1,548,713)	(10,374,181)	-	18,177,221	14,429,657	400,902	-	21,084,887	504	21,085,390	4,300,094
A1 - Residential New Buildings	(15,320)	(410,057)	-	-	1,638,193	-	-	1,212,817	-	1,212,817	151,188
A1a - Residential New Homes & Renovations	(15,320)	(410,057)	-	-	1,638,193	-	-	1,212,817	-	1,212,817	151,188
A2 - Residential Existing Buildings	(1,533,393)	(9,964,124)	-	18,177,221	12,791,464	400,902	-	19,872,070	504	19,872,574	4,148,906
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	(1,533,393)	(9,964,124)	-	18,177,221	12,791,464	400,902	-	19,872,070	504	19,872,574	4,148,906
B - Income Eligible	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
B1 - Income Eligible Existing Buildings	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
B1a - Income Eligible Coordinated Delivery	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
C - Commercial & Industrial	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	-	-	-
C2b - C&I New & Replacement Equipment	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
Grand Total	(1,725,808)	(11,414,172)	-	20,747,289	18,368,723	548,570	-	26,524,603	(115,034)	26,409,569	5,458,934

Program	2022-2024 Planned v. Evaluated Benefits Variances (%)										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	29%	-11%	0%	11%	-24%	186%	0%	-7%	-57%	-7%	6%
A1 - Residential New Buildings	860%	569%	0%	0%	566%	0%	0%	562%	0%	562%	561%
A1a - Residential New Homes & Renovations	860%	569%	0%	0%	566%	0%	0%	562%	0%	562%	561%
A2 - Residential Existing Buildings	28%	-14%	0%	11%	-31%	186%	0%	-11%	-57%	-11%	3%
A2a - Residential Coordinated Delivery	-100%	-100%	0%	-100%	-100%	0%	0%	-100%	-100%	-100%	-100%
A2c - Residential Retail	31%	-14%	0%	12%	-31%	186%	0%	-10%	94%	-10%	4%
B - Income Eligible	-3932%	123%	0%	447%	327%	0%	0%	453%	-1896%	418%	596%
B1 - Income Eligible Existing Buildings	-3932%	123%	0%	447%	327%	0%	0%	453%	-1896%	418%	596%
B1a - Income Eligible Coordinated Delivery	-3932%	123%	0%	447%	327%	0%	0%	453%	-1896%	418%	596%
C - Commercial & Industrial	-24%	-60%	0%	-93%	-74%	-42%	0%	-91%	-92%	-91%	-92%
C1 - C&I New Buildings	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C1a - C&I New Buildings & Major Renovations	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
C2 - C&I Existing Buildings	-24%	-60%	0%	-93%	-74%	-42%	0%	-91%	-92%	-91%	-92%
C2a - C&I Existing Building Retrofit	-100%	-100%	0%	-100%	0%	0%	0%	-100%	-100%	-100%	-100%
C2b - C&I New & Replacement Equipment	0%	-45%	0%	-42%	-74%	-42%	0%	-75%	-65%	-73%	-68%
Grand Total	28%	-10%	0%	3%	-13%	39%	0%	-4%	-107%	-10%	2%

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Program	2022 Planned Costs			2022 Planned Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	6,380,925	4,286,795	10,667,720	11,906,457	2.1
A1 - Residential New Buildings	-	-	-	183,242	
A1a - Residential New Homes & Renovations	-	-	-	183,242	
A2 - Residential Existing Buildings	6,380,925	4,286,795	10,667,720	11,723,215	2.1
A2a - Residential Coordinated Delivery	162,000	23,760	185,760	34,115	1.2
A2c - Residential Retail	6,218,925	4,263,035	10,481,960	11,689,100	2.1
B - Income Eligible	720,000	-	720,000	210,254	1.3
B1 - Income Eligible Existing Buildings	720,000	-	720,000	210,254	1.3
B1a - Income Eligible Coordinated Delivery	720,000	-	720,000	210,254	1.3
C - Commercial & Industrial	3,223,000	109,901	3,332,901	2,476,367	1.7
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	3,223,000	109,901	3,332,901	2,476,367	1.7
C2a - C&I Existing Building Retrofit	2,250,000	45,000	2,295,000	1,623,154	1.7
C2b - C&I New & Replacement Equipment	973,000	64,901	1,037,901	853,212	1.8
Grand Total	10,323,925	4,396,697	14,720,622	14,593,078	2.0

Program	2022 Evaluated Costs			2022 Evaluated Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	5,472,706	4,724,335	10,197,041	10,888,349	2.1
A1 - Residential New Buildings	-	-	-	1,212,817	
A1a - Residential New Homes & Renovations	-	-	-	1,212,817	
A2 - Residential Existing Buildings	5,472,706	4,724,335	10,197,041	9,675,532	1.9
A2a - Residential Coordinated Delivery	-	-	-	-	
A2c - Residential Retail	5,472,706	4,724,335	10,197,041	9,675,532	1.9
B - Income Eligible	2,652,112	-	2,652,112	2,165,851	1.8
B1 - Income Eligible Existing Buildings	2,652,112	-	2,652,112	2,165,851	1.8
B1a - Income Eligible Coordinated Delivery	2,652,112	-	2,652,112	2,165,851	1.8
C - Commercial & Industrial	130,362	57,290	187,651	318,565	2.7
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	130,362	57,290	187,651	318,565	2.7
C2a - C&I Existing Building Retrofit	-	-	-	-	
C2b - C&I New & Replacement Equipment	130,362	57,290	187,651	318,565	2.7
Grand Total	8,255,180	4,781,624	13,036,804	13,372,765	2.0

Program	2022-2024 Planned v. Evaluated Costs Variances (%)			Planned v. Evaluated Cost-Effectiveness Variances (%)	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	-14%	10%	-4%	-9%	-2%
A1 - Residential New Buildings	0%	0%	0%	562%	0%
A1a - Residential New Homes & Renovations	0%	0%	0%	562%	0%
A2 - Residential Existing Buildings	-14%	10%	-4%	-17%	-7%
A2a - Residential Coordinated Delivery	-100%	-100%	-100%	-100%	-100%
A2c - Residential Retail	-12%	11%	-3%	-17%	-8%
B - Income Eligible	268%	0%	268%	930%	41%
B1 - Income Eligible Existing Buildings	268%	0%	268%	930%	41%
B1a - Income Eligible Coordinated Delivery	268%	0%	268%	930%	41%
C - Commercial & Industrial	-96%	-48%	-94%	-87%	55%
C1 - C&I New Buildings	0%	0%	0%	0%	0%
C1a - C&I New Buildings & Major Renovations	0%	0%	0%	0%	0%
C2 - C&I Existing Buildings	-96%	-48%	-94%	-87%	55%
C2a - C&I Existing Building Retrofit	-100%	-100%	-100%	-100%	-100%
C2b - C&I New & Replacement Equipment	-87%	-12%	-82%	-63%	48%
Grand Total	-20%	9%	-11%	-8%	2%

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2022 Evaluated Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(226)	(1,116)	(4,604)	(81,004)	(32,293)	(484,298)	-	-	28,852	509,305	16,228	294,288
A1 - Residential New Buildings	(2)	(41)	(140)	(3,228)	(984)	(18,936)	-	-	-	-	1,423	32,976
A1a - Residential New Homes & Renovations	(2)	(41)	(140)	(3,228)	(984)	(18,936)	-	-	-	-	1,423	32,976
A2 - Residential Existing Buildings	(224)	(1,075)	(4,463)	(77,775)	(31,309)	(465,362)	-	-	28,852	509,305	14,805	261,312
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	(224)	(1,075)	(4,463)	(77,775)	(31,309)	(465,362)	-	-	28,852	509,305	14,805	261,312
B - Income Eligible	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
B1 - Income Eligible Existing Buildings	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
B1a - Income Eligible Coordinated Delivery	(8)	(81)	(357)	(6,025)	(2,502)	(36,134)	-	-	3,913	65,682	4,858	73,417
C - Commercial & Industrial	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	-	-	-	-
C2b - C&I New & Replacement Equipment	(34)	(22)	(158)	(2,083)	(1,105)	(12,674)	-	-	415	7,049	447	7,596
Grand Total	(268)	(1,219)	(5,118)	(89,112)	(35,901)	(533,106)	-	-	33,180	582,036	21,533	375,302

2023 Planned Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(172)	(1,650)	(6,389)	(113,134)	(44,044)	(666,231)	-	-	32,332	571,050	26,802	476,838
A1 - Residential New Buildings	(1)	(33)	(110)	(2,603)	(760)	(15,071)	-	-	-	-	1,125	26,725
A1a - Residential New Homes & Renovations	(1)	(33)	(110)	(2,603)	(760)	(15,071)	-	-	-	-	1,125	26,725
A2 - Residential Existing Buildings	(171)	(1,617)	(6,278)	(110,531)	(43,284)	(651,160)	-	-	32,332	571,050	25,676	450,113
A2a - Residential Coordinated Delivery	(6)	(26)	(122)	(2,083)	(846)	(12,350)	-	-	743	12,518	540	8,894
A2c - Residential Retail	(165)	(1,591)	(6,156)	(108,448)	(42,438)	(638,809)	-	-	31,589	558,532	25,136	441,219
B - Income Eligible	(1)	(55)	(227)	(3,832)	(1,565)	(22,621)	-	-	1,231	20,944	1,276	21,261
B1 - Income Eligible Existing Buildings	(1)	(55)	(227)	(3,832)	(1,565)	(22,621)	-	-	1,231	20,944	1,276	21,261
B1a - Income Eligible Coordinated Delivery	(1)	(55)	(227)	(3,832)	(1,565)	(22,621)	-	-	1,231	20,944	1,276	21,261
C - Commercial & Industrial	40	(37)	187	4,044	1,295	24,452	-	-	6,701	102,212	2,586	35,333
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	40	(37)	187	4,044	1,295	24,452	-	-	6,701	102,212	2,586	35,333
C2a - C&I Existing Building Retrofit	96	(11)	572	8,583	3,981	52,353	-	-	5,852	87,784	-	-
C2b - C&I New & Replacement Equipment	(55)	(26)	(385)	(4,539)	(2,685)	(27,901)	-	-	849	14,428	2,586	35,333
Grand Total	(133)	(1,741)	(6,429)	(112,923)	(44,314)	(664,399)	-	-	40,264	694,205	30,664	533,432

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2024 Planned Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(203)	(2,100)	(8,037)	(142,967)	(51,629)	(830,812)	-	-	40,758	721,060	33,007	592,641
A1 - Residential New Buildings	(2)	(64)	(213)	(5,017)	(1,367)	(28,740)	-	-	-	-	2,172	51,480
A1a - Residential New Homes & Renovations	(2)	(64)	(213)	(5,017)	(1,367)	(28,740)	-	-	-	-	2,172	51,480
A2 - Residential Existing Buildings	(201)	(2,036)	(7,824)	(137,950)	(50,262)	(802,072)	-	-	40,758	721,060	30,836	541,161
A2a - Residential Coordinated Delivery	(9)	(58)	(248)	(4,295)	(1,593)	(25,044)	-	-	1,549	26,780	832	14,064
A2c - Residential Retail	(192)	(1,978)	(7,577)	(133,655)	(48,669)	(777,028)	-	-	39,209	694,280	30,004	527,097
B - Income Eligible	(3)	(79)	(326)	(5,611)	(2,093)	(32,642)	-	-	1,849	32,079	1,721	29,513
B1 - Income Eligible Existing Buildings	(3)	(79)	(326)	(5,611)	(2,093)	(32,642)	-	-	1,849	32,079	1,721	29,513
B1a - Income Eligible Coordinated Delivery	(3)	(79)	(326)	(5,611)	(2,093)	(32,642)	-	-	1,849	32,079	1,721	29,513
C - Commercial & Industrial	203	(39)	1,226	19,569	7,998	117,524	9,957	149,359	6,837	104,517	2,825	39,388
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	203	(39)	1,226	19,569	7,998	117,524	9,957	149,359	6,837	104,517	2,825	39,388
C2a - C&I Existing Building Retrofit	256	(11)	1,641	24,610	10,710	148,013	9,957	149,359	5,852	87,784	-	-
C2b - C&I New & Replacement Equipment	(53)	(28)	(415)	(5,042)	(2,712)	(30,490)	-	-	984	16,733	2,825	39,388
Grand Total	(3)	(2,218)	(7,137)	(129,009)	(45,725)	(745,930)	9,957	149,359	49,443	857,656	37,553	661,542

2022-2024 Electrification Savings												
Program	Electric						Natural Gas		Deliverable Fuels			
	Annual Capacity (kW)		Electric Energy (MWh)		Electric Energy (MMBTU)		(Therms)		Oil (MMBTU)		Propane (MMBTU)	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
A - Residential	(602)	(4,866)	(19,030)	(337,105)	(127,966)	(1,981,340)	-	-	101,942	1,801,414	76,037	1,363,766
A1 - Residential New Buildings	(6)	(138)	(464)	(10,848)	(3,111)	(62,747)	-	-	-	-	4,719	111,181
A1a - Residential New Homes & Renovations	(6)	(138)	(464)	(10,848)	(3,111)	(62,747)	-	-	-	-	4,719	111,181
A2 - Residential Existing Buildings	(596)	(4,727)	(18,566)	(326,257)	(124,855)	(1,918,593)	-	-	101,942	1,801,414	71,318	1,252,586
A2a - Residential Coordinated Delivery	(15)	(83)	(370)	(6,378)	(2,439)	(37,394)	-	-	2,292	39,298	1,372	22,958
A2c - Residential Retail	(581)	(4,644)	(18,196)	(319,879)	(122,416)	(1,881,200)	-	-	99,650	1,762,116	69,945	1,229,628
B - Income Eligible	(12)	(215)	(910)	(15,469)	(6,160)	(91,397)	-	-	6,992	118,705	7,855	124,191
B1 - Income Eligible Existing Buildings	(12)	(215)	(910)	(15,469)	(6,160)	(91,397)	-	-	6,992	118,705	7,855	124,191
B1a - Income Eligible Coordinated Delivery	(12)	(215)	(910)	(15,469)	(6,160)	(91,397)	-	-	6,992	118,705	7,855	124,191
C - Commercial & Industrial	209	(98)	1,256	21,529	8,188	129,301	9,957	149,359	13,952	213,778	5,858	82,318
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	209	(98)	1,256	21,529	8,188	129,301	9,957	149,359	13,952	213,778	5,858	82,318
C2a - C&I Existing Building Retrofit	352	(22)	2,213	33,193	14,691	200,367	9,957	149,359	11,705	175,568	-	-
C2b - C&I New & Replacement Equipment	(143)	(76)	(957)	(11,664)	(6,503)	(71,065)	-	-	2,248	38,210	5,858	82,318
Grand Total	(404)	(5,179)	(18,684)	(331,044)	(125,939)	(1,943,435)	9,957	149,359	122,887	2,133,897	89,750	1,570,275

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2022 Evaluated Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	1,747	12,778	-	-	14,534	332,073	3,632	4,073	
A1 - Residential New Buildings	-	-	-	-	438	14,040	317	374	
A1a - Residential New Homes & Renovations	-	-	-	-	438	14,040	317	374	
A2 - Residential Existing Buildings	1,747	12,778	-	-	14,095	318,033	3,315	3,699	
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	
A2c - Residential Retail	1,747	12,778	-	-	14,095	318,033	3,315	3,699	
B - Income Eligible	-	-	-	-	6,269	102,966	598	629	
B1 - Income Eligible Existing Buildings	-	-	-	-	6,269	102,966	598	629	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	6,269	102,966	598	629	
C - Commercial & Industrial	733	4,718	-	-	489	6,689	93	68	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	733	4,718	-	-	489	6,689	93	68	
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	
C2b - C&I New & Replacement Equipment	733	4,718	-	-	489	6,689	93	68	
Grand Total	2,480	17,496	-	-	21,292	441,728	4,323	4,771	

2023 Planned Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	574	4,456	-	-	15,663	386,112	4,113	4,795	
A1 - Residential New Buildings	-	-	-	-	365	11,654	77	91	
A1a - Residential New Homes & Renovations	-	-	-	-	365	11,654	77	91	
A2 - Residential Existing Buildings	574	4,456	-	-	15,298	374,459	4,035	4,704	
A2a - Residential Coordinated Delivery	-	-	-	-	437	9,062	74	84	
A2c - Residential Retail	574	4,456	-	-	14,861	365,397	3,961	4,619	
B - Income Eligible	-	-	-	-	942	19,583	143	162	
B1 - Income Eligible Existing Buildings	-	-	-	-	942	19,583	143	162	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	942	19,583	143	162	
C - Commercial & Industrial	2,208	8,210	-	-	12,790	170,207	941	854	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	2,208	8,210	-	-	12,790	170,207	941	854	
C2a - C&I Existing Building Retrofit	-	-	-	-	9,833	140,137	613	563	
C2b - C&I New & Replacement Equipment	2,208	8,210	-	-	2,957	30,070	328	291	
Grand Total	2,781	12,665	-	-	29,395	575,903	5,196	5,811	

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2024 Planned Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	574	4,456	-	-	22,710	487,344	5,076	5,933	
A1 - Residential New Buildings	-	-	-	-	804	22,740	121	143	
A1a - Residential New Homes & Renovations	-	-	-	-	804	22,740	121	143	
A2 - Residential Existing Buildings	574	4,456	-	-	21,905	464,604	4,954	5,790	
A2a - Residential Coordinated Delivery	-	-	-	-	788	15,801	133	153	
A2c - Residential Retail	574	4,456	-	-	21,117	448,803	4,821	5,637	
B - Income Eligible	-	-	-	-	1,477	28,950	202	229	
B1 - Income Eligible Existing Buildings	-	-	-	-	1,477	28,950	202	229	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	1,477	28,950	202	229	
C - Commercial & Industrial	2,208	8,210	-	-	20,862	284,574	1,291	1,090	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	2,208	8,210	-	-	20,862	284,574	1,291	1,090	
C2a - C&I Existing Building Retrofit	-	-	-	-	17,558	250,733	885	743	
C2b - C&I New & Replacement Equipment	2,208	8,210	-	-	3,305	33,842	406	348	
Grand Total	2,781	12,665	-	-	45,049	800,869	6,568	7,252	

2022-2024 Electrification Savings									
Program	Other				Total Savings		Avoided CO2e (Metric Tons)		
	Motor Gasoline (MMBTU)		Motor Diesel (MMBTU)		MMBTU		2025	2030	
	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime			
A - Residential	2,894	21,689	-	-	52,907	1,205,529	12,820	14,801	
A1 - Residential New Buildings	-	-	-	-	1,608	48,434	516	608	
A1a - Residential New Homes & Renovations	-	-	-	-	1,608	48,434	516	608	
A2 - Residential Existing Buildings	2,894	21,689	-	-	51,298	1,157,095	12,304	14,194	
A2a - Residential Coordinated Delivery	-	-	-	-	1,225	24,862	207	238	
A2c - Residential Retail	2,894	21,689	-	-	50,073	1,132,233	12,097	13,956	
B - Income Eligible	-	-	-	-	8,687	151,499	942	1,021	
B1 - Income Eligible Existing Buildings	-	-	-	-	8,687	151,499	942	1,021	
B1a - Income Eligible Coordinated Delivery	-	-	-	-	8,687	151,499	942	1,021	
C - Commercial & Industrial	5,149	21,138	-	-	34,142	461,470	2,325	2,013	
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	
C2 - C&I Existing Buildings	5,149	21,138	-	-	34,142	461,470	2,325	2,013	
C2a - C&I Existing Building Retrofit	-	-	-	-	27,391	390,870	1,498	1,306	
C2b - C&I New & Replacement Equipment	5,149	21,138	-	-	6,751	70,601	827	707	
Grand Total	8,042	42,826	-	-	95,736	1,818,499	16,088	17,835	

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Program	2022 Evaluated Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(1,548,713)	(10,374,181)	-	18,177,221	14,429,657	400,902	-	21,084,887	504	21,085,390	4,300,094
A1 - Residential New Buildings	(15,320)	(410,057)	-	-	1,638,193	-	-	1,212,817	-	1,212,817	151,188
A1a - Residential New Homes & Renovations	(15,320)	(410,057)	-	-	1,638,193	-	-	1,212,817	-	1,212,817	151,188
A2 - Residential Existing Buildings	(1,533,393)	(9,964,124)	-	18,177,221	12,791,464	400,902	-	19,872,070	504	19,872,574	4,148,906
A2a - Residential Coordinated Delivery	-	-	-	-	-	-	-	-	-	-	-
A2c - Residential Retail	(1,533,393)	(9,964,124)	-	18,177,221	12,791,464	400,902	-	19,872,070	504	19,872,574	4,148,906
B - Income Eligible	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
B1 - Income Eligible Existing Buildings	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
B1a - Income Eligible Coordinated Delivery	(61,754)	(775,262)	-	2,336,294	3,567,933	-	-	5,067,211	(249,248)	4,817,963	1,069,647
C - Commercial & Industrial	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
C2a - C&I Existing Building Retrofit	-	-	-	-	-	-	-	-	-	-	-
C2b - C&I New & Replacement Equipment	(115,342)	(264,728)	-	233,775	371,133	147,668	-	372,505	133,711	506,216	89,193
Grand Total	(1,725,808)	(11,414,172)	-	20,747,289	18,368,723	548,570	-	26,524,603	(115,034)	26,409,569	5,458,934

Program	2023 Planned Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(1,388,106)	(14,590,334)	-	20,682,587	23,579,383	141,650	-	28,425,179	1,222	28,426,401	5,067,891
A1 - Residential New Buildings	(8,455)	(332,260)	-	-	1,339,481	-	-	998,765	-	998,765	124,943
A1a - Residential New Homes & Renovations	(8,455)	(332,260)	-	-	1,339,481	-	-	998,765	-	998,765	124,943
A2 - Residential Existing Buildings	(1,379,651)	(14,258,074)	-	20,682,587	22,239,902	141,650	-	27,426,414	1,222	27,427,636	4,942,948
A2a - Residential Coordinated Delivery	(44,652)	(266,286)	-	451,851	438,295	-	-	579,208	911	580,120	113,517
A2c - Residential Retail	(1,334,999)	(13,991,788)	-	20,230,736	21,801,606	141,650	-	26,847,206	310	26,847,516	4,829,430
B - Income Eligible	(10,439)	(496,922)	-	756,424	1,048,282	-	-	1,297,345	(59,939)	1,237,406	233,735
B1 - Income Eligible Existing Buildings	(10,439)	(496,922)	-	756,424	1,048,282	-	-	1,297,345	(59,939)	1,237,406	233,735
B1a - Income Eligible Coordinated Delivery	(10,439)	(496,922)	-	756,424	1,048,282	-	-	1,297,345	(59,939)	1,237,406	233,735
C - Commercial & Industrial	580,407	487,703	-	3,399,716	1,732,487	257,801	-	6,458,113	2,221,355	8,679,468	1,695,341
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	580,407	487,703	-	3,399,716	1,732,487	257,801	-	6,458,113	2,221,355	8,679,468	1,695,341
C2a - C&I Existing Building Retrofit	690,398	1,040,949	-	2,916,548	-	-	-	4,647,894	1,756,322	6,404,217	1,367,417
C2b - C&I New & Replacement Equipment	(109,991)	(553,246)	-	483,168	1,732,487	257,801	-	1,810,219	465,033	2,275,251	327,924
Grand Total	(818,138)	(14,599,553)	-	24,838,727	26,360,151	399,451	-	36,180,637	2,162,638	38,343,275	6,996,966

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Program	2024 Planned Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(1,691,485)	(18,500,938)	-	26,411,052	29,530,648	143,071	-	35,892,349	1,278	35,893,627	6,408,787
A1 - Residential New Buildings	(17,415)	(643,195)	-	-	2,596,243	-	-	1,935,633	-	1,935,633	243,708
A1a - Residential New Homes & Renovations	(17,415)	(643,195)	-	-	2,596,243	-	-	1,935,633	-	1,935,633	243,708
A2 - Residential Existing Buildings	(1,674,070)	(17,857,743)	-	26,411,052	26,934,406	143,071	-	33,956,716	1,278	33,957,994	6,165,079
A2a - Residential Coordinated Delivery	(70,911)	(553,713)	-	979,127	698,926	-	-	1,053,429	909	1,054,339	209,917
A2c - Residential Retail	(1,603,159)	(17,304,031)	-	25,431,925	26,235,480	143,071	-	32,903,287	369	32,903,656	5,955,163
B - Income Eligible	(24,556)	(728,685)	-	1,173,044	1,467,373	-	-	1,887,176	(173,912)	1,713,264	348,686
B1 - Income Eligible Existing Buildings	(24,556)	(728,685)	-	1,173,044	1,467,373	-	-	1,887,176	(173,912)	1,713,264	348,686
B1a - Income Eligible Coordinated Delivery	(24,556)	(728,685)	-	1,173,044	1,467,373	-	-	1,887,176	(173,912)	1,713,264	348,686
C - Commercial & Industrial	1,803,044	2,386,836	252,705	3,505,693	1,948,551	259,951	-	10,156,780	3,328,434	13,485,214	2,680,218
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	1,803,044	2,386,836	252,705	3,505,693	1,948,551	259,951	-	10,156,780	3,328,434	13,485,214	2,680,218
C2a - C&I Existing Building Retrofit	1,905,402	3,006,029	252,705	2,940,768	-	-	-	8,104,903	2,794,987	10,899,891	2,310,612
C2b - C&I New & Replacement Equipment	(102,357)	(619,193)	-	564,925	1,948,551	259,951	-	2,051,876	533,447	2,585,323	369,607
Grand Total	87,004	(16,842,788)	252,705	31,089,789	32,946,573	403,022	-	47,936,305	3,155,801	51,092,105	9,437,691

Program	2022-2024 Electrification Benefits										
	Electric		Natural Gas	Oil	Propane	Motor Gasoline	Motor Diesel	Total Resource Benefits	Non-Resource Benefits	Total TRC Test Benefits	Non-Embedded GHG Benefits
	Capacity	Electric Energy									
A - Residential	(4,628,303)	(43,465,454)	-	65,270,860	67,539,689	685,623	-	85,402,415	3,004	85,405,419	15,776,772
A1 - Residential New Buildings	(41,190)	(1,385,512)	-	-	5,573,917	-	-	4,147,215	-	4,147,215	519,839
A1a - Residential New Homes & Renovations	(41,190)	(1,385,512)	-	-	5,573,917	-	-	4,147,215	-	4,147,215	519,839
A2 - Residential Existing Buildings	(4,587,113)	(42,079,942)	-	65,270,860	61,965,772	685,623	-	81,255,200	3,004	81,258,204	15,256,933
A2a - Residential Coordinated Delivery	(115,563)	(819,998)	-	1,430,978	1,137,222	-	-	1,632,638	1,821	1,634,459	323,434
A2c - Residential Retail	(4,471,550)	(41,259,943)	-	63,839,882	60,828,550	685,623	-	79,622,562	1,183	79,623,745	14,933,499
B - Income Eligible	(96,749)	(2,000,870)	-	4,265,762	6,083,588	-	-	8,251,731	(483,099)	7,768,632	1,652,067
B1 - Income Eligible Existing Buildings	(96,749)	(2,000,870)	-	4,265,762	6,083,588	-	-	8,251,731	(483,099)	7,768,632	1,652,067
B1a - Income Eligible Coordinated Delivery	(96,749)	(2,000,870)	-	4,265,762	6,083,588	-	-	8,251,731	(483,099)	7,768,632	1,652,067
C - Commercial & Industrial	2,268,109	2,609,810	252,705	7,139,183	4,052,171	665,420	-	16,987,398	5,683,500	22,670,898	4,464,752
C1 - C&I New Buildings	-	-	-	-	-	-	-	-	-	-	-
C1a - C&I New Buildings & Major Renovations	-	-	-	-	-	-	-	-	-	-	-
C2 - C&I Existing Buildings	2,268,109	2,609,810	252,705	7,139,183	4,052,171	665,420	-	16,987,398	5,683,500	22,670,898	4,464,752
C2a - C&I Existing Building Retrofit	2,595,800	4,046,978	252,705	5,857,316	-	-	-	12,752,798	4,551,310	17,304,107	3,678,029
C2b - C&I New & Replacement Equipment	(327,690)	(1,437,167)	-	1,281,868	4,052,171	665,420	-	4,234,600	1,132,190	5,366,791	786,723
Grand Total	(2,456,942)	(42,856,513)	252,705	76,675,805	77,675,447	1,351,043	-	110,641,545	5,203,404	115,844,949	21,893,591

Summary of Electrification, Three-1

2022-2024 Electrification

Cape Light Compact

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Program	2022 Evaluated Costs			2022 Evaluated Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	5,472,706	4,724,335	10,197,041	10,888,349	2
A1 - Residential New Buildings	-	-	-	1,212,817	
A1a - Residential New Homes & Renovations	-	-	-	1,212,817	
A2 - Residential Existing Buildings	5,472,706	4,724,335	10,197,041	9,675,532	2
A2a - Residential Coordinated Delivery	-	-	-	-	
A2c - Residential Retail	5,472,706	4,724,335	10,197,041	9,675,532	2
B - Income Eligible	2,652,112	-	2,652,112	2,165,851	2
B1 - Income Eligible Existing Buildings	2,652,112	-	2,652,112	2,165,851	2
B1a - Income Eligible Coordinated Delivery	2,652,112	-	2,652,112	2,165,851	2
C - Commercial & Industrial	130,362	57,290	187,651	318,565	3
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	130,362	57,290	187,651	318,565	3
C2a - C&I Existing Building Retrofit	-	-	-	-	
C2b - C&I New & Replacement Equipment	130,362	57,290	187,651	318,565	3
Grand Total	8,255,180	4,781,624	13,036,804	13,372,765	2

Program	2023 Planned Costs			2023 Planned Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	7,905,525	4,816,950	12,475,461	15,950,940	2.28
A1 - Residential New Buildings	-	-	-	998,765	
A1a - Residential New Homes & Renovations	-	-	-	998,765	
A2 - Residential Existing Buildings	7,905,525	4,816,950	12,475,461	14,952,175	2.20
A2a - Residential Coordinated Delivery	365,200	39,560	396,901	183,218	1.46
A2c - Residential Retail	7,540,325	4,777,390	12,078,560	14,768,956	2.22
B - Income Eligible	909,000	-	891,351	346,055	1.39
B1 - Income Eligible Existing Buildings	909,000	-	891,351	346,055	1.39
B1a - Income Eligible Coordinated Delivery	909,000	-	891,351	346,055	1.39
C - Commercial & Industrial	4,301,000	139,360	4,354,148	4,325,320	1.99
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	4,301,000	139,360	4,354,148	4,325,320	1.99
C2a - C&I Existing Building Retrofit	3,139,000	62,780	3,139,616	3,264,601	2.04
C2b - C&I New & Replacement Equipment	1,162,000	76,580	1,214,533	1,060,719	1.87
Grand Total	13,115,525	4,956,311	17,720,961	20,622,314	2.16

Summary of Electrification, Three-1
2022-2024 Electrification
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Program	2024 Planned Costs			2024 Planned Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	10,043,725	5,546,547	14,990,761	20,902,866	2.39
A1 - Residential New Buildings	-	-	-	1,935,633	
A1a - Residential New Homes & Renovations	-	-	-	1,935,633	
A2 - Residential Existing Buildings	10,043,725	5,546,547	14,990,761	18,967,233	2.27
A2a - Residential Coordinated Delivery	638,800	63,960	675,736	378,603	1.56
A2c - Residential Retail	9,404,925	5,482,587	14,315,025	18,588,630	2.30
B - Income Eligible	1,188,000	-	1,142,316	570,948	1.50
B1 - Income Eligible Existing Buildings	1,188,000	-	1,142,316	570,948	1.50
B1a - Income Eligible Coordinated Delivery	1,188,000	-	1,142,316	570,948	1.50
C - Commercial & Industrial	4,994,000	160,209	4,956,008	8,529,206	2.72
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	4,994,000	160,209	4,956,008	8,529,206	2.72
C2a - C&I Existing Building Retrofit	3,678,000	73,560	3,607,297	7,292,594	3.02
C2b - C&I New & Replacement Equipment	1,316,000	86,649	1,348,711	1,236,612	1.92
Grand Total	16,225,725	5,706,756	21,089,086	30,003,019	2.42

Program	2022-2024 Electrification Costs			2022-2024 Electrification Cost-Effectiveness	
	Measure Incentives (\$)	Participant Cost (\$)	TRC Costs (2022\$)	Net Benefits (2022\$)	Benefit-Cost Ratio
A - Residential	23,421,956	15,087,832	37,663,264	47,742,155	2.27
A1 - Residential New Buildings	-	-	-	4,147,215	
A1a - Residential New Homes & Renovations	-	-	-	4,147,215	
A2 - Residential Existing Buildings	23,421,956	15,087,832	37,663,264	43,594,940	2.16
A2a - Residential Coordinated Delivery	1,004,000	103,520	1,072,637	561,821	1.52
A2c - Residential Retail	22,417,956	14,984,312	36,590,626	43,033,119	2.18
B - Income Eligible	4,749,112	-	4,685,779	3,082,853	1.66
B1 - Income Eligible Existing Buildings	4,749,112	-	4,685,779	3,082,853	1.66
B1a - Income Eligible Coordinated Delivery	4,749,112	-	4,685,779	3,082,853	1.66
C - Commercial & Industrial	9,425,362	356,859	9,497,808	13,173,090	2.39
C1 - C&I New Buildings	-	-	-	-	
C1a - C&I New Buildings & Major Renovations	-	-	-	-	
C2 - C&I Existing Buildings	9,425,362	356,859	9,497,808	13,173,090	2.39
C2a - C&I Existing Building Retrofit	6,817,000	136,340	6,746,912	10,557,195	2.56
C2b - C&I New & Replacement Equipment	2,608,362	220,519	2,750,895	2,615,895	1.95
Grand Total	37,596,430	15,444,691	51,846,851	63,998,099	2.23

Core Initiatives, Plan Year Summary
Residential Programs
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A1 - Residential New Buildings, 2022 Summary							
A1a - Residential New Homes & Renovations							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	5,678	5,058	5,058	-11%	-11%	0%
Lifetime Energy	MMBTU	140,128	104,251	104,251	-26%	-26%	0%
Total Benefits	2022\$	6,706,798	4,357,723	4,357,723	-35%	-35%	0%
Total Program Costs	nominal\$	2,792,919	3,072,604	3,072,604	10%	10%	0%
Total Resource Costs	2022\$	2,582,978	1,925,782	1,925,782	-25%	-25%	0%
Benefit Cost Ratio	B/C	2.60	2.26	2.26	-13%	-13%	0%

A2 - Residential Existing Buildings, 2022 Summary							
A2a - Residential Coordinated Delivery							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	58,119	34,005	34,005	-41%	-41%	0%
Lifetime Energy	MMBTU	1,033,570	589,739	589,739	-43%	-43%	0%
Total Benefits	2022\$	42,256,832	25,842,500	25,842,500	-39%	-39%	0%
Total Program Costs	nominal\$	16,365,554	10,132,945	10,132,945	-38%	-38%	0%
Total Resource Costs	2022\$	16,929,570	11,870,104	11,870,104	-30%	-30%	0%
Benefit Cost Ratio	B/C	2.50	2.18	2.18	-13%	-13%	0%

A2c - Residential Retail							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	31,140	47,916	47,916	54%	54%	0%
Lifetime Energy	MMBTU	538,865	785,092	785,092	46%	46%	0%
Total Benefits	2022\$	31,999,421	35,978,087	35,978,087	12%	12%	0%
Total Program Costs	nominal\$	10,354,856	11,399,068	11,399,068	10%	10%	0%
Total Resource Costs	2022\$	14,794,733	18,474,509	18,474,509	25%	25%	0%
Benefit Cost Ratio	B/C	2.16	1.95	1.95	-10%	-10%	0%

A2d - Residential Behavior							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	-	-	-			
Lifetime Energy	MMBTU	-	-	-			
Total Benefits	2022\$	-	-	-			
Total Program Costs	nominal\$	-	-	-			
Total Resource Costs	2022\$	-	-	-			
Benefit Cost Ratio	B/C						

A2e - Residential Active Demand Reduction							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	(44)	-	-	-100%	-100%	0%
Lifetime Energy	MMBTU	(44)	-	-	-100%	-100%	0%
Total Benefits	2022\$	922,773	701,110	701,110	-24%	-24%	0%
Total Program Costs	nominal\$	507,566	394,142	394,142	-22%	-22%	0%
Total Resource Costs	2022\$	507,566	394,142	394,142	-22%	-22%	0%
Benefit Cost Ratio	B/C	1.82	1.78	1.78	-2%	-2%	0%

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Income Eligible Programs

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B1 - Income Eligible Existing Buildings, 2022 Summary							
B1a - Income Eligible Coordinated Delivery							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	16,775	17,838	17,838	6%	6%	0%
Lifetime Energy	MMBTU	179,500	233,299	233,299	30%	30%	0%
Total Benefits	2022\$	10,559,552	11,976,463	11,976,463	13%	13%	0%
Total Program Costs	nominal\$	5,950,427	9,068,142	9,068,142	52%	52%	0%
Total Resource Costs	2022\$	5,950,427	9,071,349	9,071,349	52%	52%	0%
Benefit Cost Ratio	B/C	1.77	1.32	1.32	-26%	-26%	0%

B1b - Income Eligible Active Demand Reduction							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	-	-	-			
Lifetime Energy	MMBTU	-	-	-			
Total Benefits	2022\$	9,547	6,504	6,504	-32%	-32%	0%
Total Program Costs	nominal\$	1,227	75	75	-94%	-94%	0%
Total Resource Costs	2022\$	1,227	75	75	-94%	-94%	0%
Benefit Cost Ratio	B/C	7.78	86.39	86.39	1010%	1010%	0%

Core Initiatives, Plan Year Summary

C&I Programs

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C1 - C&I New Buildings, 2022 Summary							
C1a - C&I New Buildings & Major Renovations							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	2,917	3,780	3,780	30%	30%	0%
Lifetime Energy	MMBTU	45,039	54,975	54,975	22%	22%	0%
Total Benefits	2022\$	2,018,449	2,263,381	2,263,381	12%	12%	0%
Total Program Costs	nominal\$	801,614	406,377	406,377	-49%	-49%	0%
Total Resource Costs	2022\$	755,509	518,381	518,381	-31%	-31%	0%
Benefit Cost Ratio	B/C	2.67	4.37	4.37	63%	63%	0%

C2 - C&I Existing Buildings, 2022 Summary							
C2a - C&I Existing Building Retrofit							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	37,079	31,056	31,056	-16%	-16%	0%
Lifetime Energy	MMBTU	362,066	231,633	231,633	-36%	-36%	0%
Total Benefits	2022\$	16,115,014	8,597,654	8,597,654	-47%	-47%	0%
Total Program Costs	nominal\$	12,590,211	6,543,147	6,543,147	-48%	-48%	0%
Total Resource Costs	2022\$	12,654,845	7,304,370	7,304,370	-42%	-42%	0%
Benefit Cost Ratio	B/C	1.27	1.18	1.18	-8%	-8%	0%

C2b - C&I New & Replacement Equipment							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	13,863	13,654	13,654	-2%	-2%	0%
Lifetime Energy	MMBTU	123,465	99,567	99,567	-19%	-19%	0%
Total Benefits	2022\$	5,851,042	4,338,966	4,338,966	-26%	-26%	0%
Total Program Costs	nominal\$	3,292,227	1,352,079	1,352,079	-59%	-59%	0%
Total Resource Costs	2022\$	3,599,374	1,742,275	1,742,275	-52%	-52%	0%
Benefit Cost Ratio	B/C	1.63	2.49	2.49	53%	53%	0%

C2c - C&I Active Demand Reduction							
Metric	Units	Planned	Preliminary	Evaluated	Plan v Preliminary	Plan v Evaluated	Preliminary v Evaluated
Annual Energy	MMBTU	(125)	-	-	-100%	-100%	
Lifetime Energy	MMBTU	(125)	-	-	-100%	-100%	
Total Benefits	2022\$	1,077,612	425,559	425,559	-61%	-61%	0%
Total Program Costs	nominal\$	276,551	210,082	210,082	-24%	-24%	0%
Total Resource Costs	2022\$	276,551	210,082	210,082	-24%	-24%	0%
Benefit Cost Ratio	B/C	3.90	2.03	2.03	-48%	-48%	0%

Core Initiatives, Three-Year Total

Residential Programs

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A1 - Residential New Buildings, 2022-2024 Summary					
A1a - Residential New Homes & Renovations					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	5,058	6,490	5,751	17,299
Lifetime Energy	MMBTU	104,251	162,963	147,356	414,571
Total Benefits	2022\$	4,357,723	8,234,108	8,031,411	20,623,242
Total Program Costs	nominal\$	3,072,604	2,632,277	8,486,895	14,191,776
Total Resource Costs	2022\$	1,925,782	2,472,149	8,344,097	12,742,029
Benefit Cost Ratio	B/C	2.26	3.40	1.00	1.62

A2 - Residential Existing Buildings, 2022-2024 Summary					
A2a - Residential Coordinated Delivery					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	34,005	55,865	55,753	145,623
Lifetime Energy	MMBTU	589,739	1,049,678	1,077,683	2,717,101
Total Benefits	2022\$	25,842,500	44,227,239	46,890,906	116,960,644
Total Program Costs	nominal\$	10,132,945	16,879,386	17,787,091	44,799,422
Total Resource Costs	2022\$	11,870,104	17,541,580	18,512,994	47,924,679
Benefit Cost Ratio	B/C	2.18	2.57	2.63	2.44

A2c - Residential Retail					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	47,916	33,350	37,719	118,985
Lifetime Energy	MMBTU	785,092	593,261	656,868	2,035,222
Total Benefits	2022\$	35,978,087	36,365,381	41,831,891	114,175,359
Total Program Costs	nominal\$	11,399,068	11,869,068	13,815,152	37,083,288
Total Resource Costs	2022\$	18,474,509	16,669,574	19,098,880	54,242,962
Benefit Cost Ratio	B/C	1.95	2.22	2.28	2.10

A2d - Residential Behavior					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	-	-	-	-
Lifetime Energy	MMBTU	-	-	-	-
Total Benefits	2022\$	-	-	-	-
Total Program Costs	nominal\$	-	-	-	-
Total Resource Costs	2022\$	-	-	-	-
Benefit Cost Ratio	B/C	-	-	-	-

A2e - Residential Active Demand Reduction					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	-	(69)	(79)	(149)
Lifetime Energy	MMBTU	-	(69)	(79)	(149)
Total Benefits	2022\$	701,110	1,169,735	1,442,439	3,313,284
Total Program Costs	nominal\$	394,142	603,766	701,136	1,699,044
Total Resource Costs	2022\$	394,142	603,766	701,136	1,699,044
Benefit Cost Ratio	B/C	1.78	1.98	2.14	1.95

Core Initiatives, Three-Year Total
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B1 - Income Eligible Existing Buildings, 2022-2024 Summary					
B1a - Income Eligible Coordinated Delivery					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	17,838	15,561	13,056	46,455
Lifetime Energy	MMBTU	233,299	177,901	167,813	579,013
Total Benefits	2022\$	11,976,463	11,010,035	11,277,912	34,264,411
Total Program Costs	nominal\$	9,068,142	6,528,455	6,999,757	22,596,354
Total Resource Costs	2022\$	9,071,349	6,528,455	6,999,757	22,599,562
Benefit Cost Ratio	B/C	1.32	1.72	1.68	1.52

B1b - Income Eligible Active Demand Reduction					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	-	(1)	(3)	(5)
Lifetime Energy	MMBTU	-	(1)	(3)	(5)
Total Benefits	2022\$	6,504	17,396	33,605	57,505
Total Program Costs	nominal\$	75	1,388	1,548	3,011
Total Resource Costs	2022\$	75	1,388	1,548	3,011
Benefit Cost Ratio	B/C	86.39	12.78	22.58	19.10

Core Initiatives, Three-Year Total

C&I Programs

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C1 - C&I New Buildings, 2022-2024 Summary					
C1a - C&I New Buildings & Major Renovations					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	3,780	4,516	5,146	13,442
Lifetime Energy	MMBTU	54,975	72,432	88,184	215,590
Total Benefits	2022\$	2,263,381	3,294,008	4,097,025	9,654,413
Total Program Costs	nominal\$	406,377	792,507	788,933	1,987,817
Total Resource Costs	2022\$	518,381	747,838	745,196	2,011,414
Benefit Cost Ratio	B/C	4.37	4.49	5.72	4.80

C2 - C&I Existing Buildings, 2022-2024 Summary					
C2a - C&I Existing Building Retrofit					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	31,056	39,128	41,940	112,125
Lifetime Energy	MMBTU	231,633	397,616	473,871	1,103,120
Total Benefits	2022\$	8,597,654	17,771,019	21,001,811	47,370,485
Total Program Costs	nominal\$	6,543,147	13,366,477	12,807,056	32,716,680
Total Resource Costs	2022\$	7,304,370	13,573,558	13,234,349	34,112,277
Benefit Cost Ratio	B/C	1.18	1.34	1.65	1.39

C2b - C&I New & Replacement Equipment					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	13,654	14,814	13,659	42,128
Lifetime Energy	MMBTU	99,567	140,714	142,338	382,619
Total Benefits	2022\$	4,338,966	6,659,263	7,015,691	18,013,920
Total Program Costs	nominal\$	1,352,079	3,662,315	3,916,099	8,930,493
Total Resource Costs	2022\$	1,742,275	3,979,086	4,187,597	9,908,958
Benefit Cost Ratio	B/C	2.49	1.71	1.74	1.82

C2c - C&I Active Demand Reduction					
Metric	Units	2022 Evaluated	2023 Planned	2024 Planned	2022-2024 Total
Annual Energy	MMBTU	-	(187)	(228)	(415)
Lifetime Energy	MMBTU	-	(187)	(228)	(415)
Total Benefits	2022\$	425,559	1,350,097	1,821,163	3,596,819
Total Program Costs	nominal\$	210,082	339,421	444,499	994,002
Total Resource Costs	2022\$	210,082	339,421	444,499	994,002
Benefit Cost Ratio	B/C	2.03	4.06	4.26	3.62

Calculated Fields

Formulas used in pivot tables

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Field	Formula
B/C Ratio	=('Total Benefits ' / 'Total Resource Costs (First Yr\$)'
Net Benefits	=('Total Benefits ' - 'Total Resource Costs (First Yr\$)'
Avg Measure Life	=ROUND('Net Lifetime Electric Energy (MWh) No FS or DR' / 'Net Annual Electric Energy (MWh) No FS or DR',0)
PA Budget (First Yr\$)	=('Total Program Costs (First Yr\$)'+ 'Performance Incentive (First Yr\$)'
Summer Cost (TRC Cost First Yr\$/Summer kW)	=('Total Resource Costs (First Yr\$)' / 'Net Summer Capacity (kW)'
Energy Cost (TRC Cost First Yr\$/Annual MWh)	=('Total Program Costs (First Yr\$)' / 'Net Annual Electric Energy (MWh)'
Natural Gas Costs (PA Cost First Yr\$/Annual Therm)	=('PA Budget (First Yr\$)' / 'Net Annual Natural Gas (Therms)'
Summer Cost (PA Cost First Yr\$/Summer kW)	=('PA Budget (First Yr\$)' / 'Net Summer Capacity (kW)'
Energy Cost (PA Cost First Yr\$/Annual MWh)	=('PA Budget (First Yr\$)' / 'Net Annual Electric Energy (MWh)'
Natural Gas Costs (TRC Cost First Yr\$/Annual Therm)	=('Total Program Costs (First Yr\$)' / 'Net Annual Natural Gas (Therms)'
Total Savings Cost (PA Cost First Yr\$/Annual MMBTU)	=('PA Budget (First Yr\$)' / 'Total Net Annual Adjusted (MMBTU)'
Total Savings Cost (TRC Cost First Yr\$/Annual MMBTU)	=('Total Resource Costs (First Yr\$)' / 'Total Net Annual Adjusted (MMBTU)'
Total PA Budget (Programs + PI + Benefit Burden)	=('Total Program Costs'+ 'Performance Incentive'+ 'Benefit Burden'
Total Resource Benefits per Participant	=('Total Resource Benefits' / 'Participants'
Total PA Budget	=('Total Program Costs'+ 'Performance Incentive'
Program Cost per Participant	=('Total Program Costs' / 'Participants'
Resource Benefit per Program Cost	=('Total Resource Benefits' / 'Total Program Costs'
PPA / Total PA Budget	=('Program Planning and Administration' / 'Total Program Costs'

Notes

- The above calculations are used to prepare the previous data tables.
- This table is provided consistent with the Department's directives in D.P.U. 18-110 through D.P.U. 18-119, at 75 to provide a detailed list of calculated fields used in creating the pivot tables.

APPENDIX 1
SIGNIFICANT CORE INITIATIVE VARIANCES
& COST-EFFECTIVENESS

Program Administrator-specific narrative explanations for the Compact are as follows.

The 2023 and 2024 values in this 2022 Plan-Year Report reflect the Compact's Department-approved Cape and Vineyard Electrification Offering ("CVEO").³ CVEO is not applicable to 2022.

³ See, D.P.U. 22-137.

I. Residential Programs

A. Residential New Buildings

For the Residential New Buildings program, the 2022 actual BCR is 1.76, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.59.

1. Residential New Homes & Renovations

a. Significant Variances

For this core initiative, actual total benefits were significantly less than planned by 35%.

The 2022 variance in total benefits is driven by the continued change in fuel mix for HVAC measures. HVAC measures yielded significantly greater lifetime electric savings in 2022 relative to plan, but achieved less than half of the planned total benefits for the year. All-electric homes made up a higher portion of participants than planned in 2022. HVAC measures drive overall savings and benefits for this program, comprising the majority of planned savings and benefits. Therefore, changes in HVAC measures yield significant variances for the core initiative overall and in this case for the variance in total benefits.

In response to this variance, the Compact does not anticipate any changes to program design or implementation. The trends the Compact is seeing align with its goal to increase all-electric homes for the 2022-2024 plan term. The Compact's new all-electric home offering, launched in 2022, has been so successful that the Compact has already reached its all-electric path goals for the 2022-2024 plan.⁴ The Compact also saw a higher volume of water heating measures installed than planned.

The Compact does not currently expect this variance will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the Residential New Homes & Renovations core initiative, the 2022 actual BCR is 2.26, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.67.

⁴ See, D.P.U. 21-126, Exhibit 1, 2022-2024 Three-Year Energy Efficiency Plan, pages 88-89.

B. Residential Existing Buildings

For the Residential Existing Buildings program, the 2022 actual BCR is 1.95, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 2.20.

1. Residential Coordinated Delivery

a. Significant Variances

For this core initiative, actual expenditures, savings, and benefits were lower than planned. Program costs were 38% lower than planned, savings were 42% lower than planned, and total benefits were 39% lower than planned.

The decrease in expenditures, savings, and benefits in 2022 were primarily driven by decreased adoption of envelope measures as compared to plan. In addition, the average per-unit incentives, savings, and benefits for the envelope measures were less than planned, yielding a greater decrease in the variance metrics. The decrease in envelope measure adoption in 2022 is likely tied to strong demand for envelope measures in the second half of the 2019-2021 plan term, when the Program Administrators offered a 100% incentive for weatherization measures to help recover from the downturn in participation caused by the COVID-19 pandemic.

In addition, the Compact installed fewer heat pumps than planned. The Compact found that a number of prospective multifamily heat pump projects were not expected to be cost-effective and therefore were not pursued.

In response to these variances, the Compact will continue to conduct marketing and outreach efforts with a focus on moderate income and renters to drive program participation. The Compact will continue working to identify opportunities and engage customers, and is optimistic that demand for envelope measures will pick up in 2023 and 2024. The Compact does not anticipate any other changes to program design or implementation.

The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the Residential Coordinated Delivery core initiative, the 2022 actual BCR is 2.18, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 2.50.

2. Residential Conservation Services

a. Significant Variances

For this core initiative, actual expenditures were significantly less than planned by 35%.

In Residential Conservation Services, the Compact spent less on assessments than originally planned. Part of this reduction was due to fewer assessments than originally planned. After the generous incentives during 2021 for the COVID-19 pandemic, the number of customers that wished to sign up for assessments dropped. Additionally, there were labor shortages that led to longer waits for the assessments themselves. These factors combined to reduce the overall number of completed assessments.

In response to this variance, the Compact will continue working to identify opportunities and engage customers. The Compact does not anticipate any changes to program design or implementation.

b. Cost-Effectiveness

BCRs are not calculated for the Residential Conservation Services core initiative because benefits are not calculated for this core initiative.

3. Residential Retail

c. Significant Variances

There are no significant variances for this core initiative.

d. Cost-Effectiveness

For the Residential Retail core initiative, the 2022 actual BCR is 1.95, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 2.15.

4. Residential Active Demand Reduction (“ADR”)

a. Significant Variances

For this core initiative, actual expenditures and total benefits were lower than planned. Actual expenditures were 22% lower than planned, and total benefits were 24% lower than planned. As noted in the Compact’s data tables, total lifetime savings are not calculated for ADR measures. Therefore, a variance for total lifetime savings is not calculated for this core initiative.

The Compact's battery customer enrollments were slightly lower than anticipated. While the Compact had more enrollments than planned in the Distributed Energy Resource Management Systems ("DERMS"), many of the batteries were not yet online and eligible to be dispatched at the time of the summer demand response season. Some of the customers who were online for the season experienced connectivity issues resulting in a lower average kilowatt ("kW") curtailment. Additionally, some customers charge their batteries from their solar systems, and the battery may not fully charge during cloudy periods. For those customers, if demand response events were called on back-to-back days, the battery may not have been fully charged to be able to provide full kW reductions. Since the incentive for batteries is directly tied to kW performance, expenditures were lower than anticipated.

For residential thermostat customers, the PAs ended up calling a handful of events on milder days resulting in lower kW reductions than anticipated despite seeing more enrolled participants than planned. Thermostat expenditures were also slightly lower than planned. The Compact assumed an incentive of \$25 dollars for all thermostats, but that amount is just for new enrollments. Customers receive this incentive one time and then receive an annual incentive of \$20. This difference, in conjunction with the battery items mentioned above, resulted in the expenditure and benefit variances.

As of May 1, 2023, the Compact is already close to doubling its calendar year 2022 goal for both battery and thermostat enrollments, and therefore expects to mitigate the 2022 lower than planned expenditures and benefits in 2023.

In response to these variances, the Compact does not anticipate any changes to program design or implementation, nor does the Compact currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term. The Compact expects the planned number of batteries will be online and eligible for dispatch in 2023 and 2024, which should allow the Compact to meet its planned savings and benefits goals.

b. Cost-Effectiveness

For the Residential ADR core initiative, the 2022 actual BCR is 1.78, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 2.00.

II. Income-Eligible Programs

In 2022, the Compact spent 19% of its total budget on the Income-Eligible sector. The Compact's Income-Eligible budget for the full three-year term is expected to be 13% of the three-year total budget, including actual expenditures for 2022 and the planned budgets for 2023 and 2024. Accordingly, the Compact expects to exceed the statutory requirement to spend at least 10% of its budget on the Income-Eligible sector.

The Compact's Income-Eligible spending in 2022 marks a notable improvement over the 2019-2021 term, during which the Compact spent 7.7% of its budget on the Income-Eligible sector. This improvement stems largely from successful efforts to mature the Income-Eligible heat pump installation program and its underlying regional infrastructure. Heat pumps provide a significant financial investment to Income-Eligible customers, allowing the Compact to reach the spending requirement more easily. In addition, the Compact has been able to achieve improved weatherization results due to the combination of increased R-value guidelines and by addressing more weatherization barriers such as vermiculite and mold, both of which are new to the 2022-2024 plan term. The Compact expects its strong performance in Income-Eligible spending will continue throughout this plan term.

Consistent with the Department's directives, the Compact will conduct a third-party study on its remaining potential for serving low-income customers, the results of which will be filed with the Department and the EEAC by April 1, 2024 to inform the Compact's 2025-2027 Three-Year Plan.⁵

A. Income-Eligible Existing Buildings

For the Income-Eligible Existing Buildings program, the 2022 actual BCR is 1.32, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.55.

1. Income-Eligible Coordinated Delivery

a. Significant Variances

For this core initiative, actual expenditures were 52% higher than planned, while lifetime savings were 19% lower than planned.

The primary driver of increased program expenditures in 2022 was the increase in heat pump installations, combined with the cost of those installations which were more expensive than

⁵ D.P.U. 22-137 (2023), pages 42-43.

planned. Because heat pumps made up more than half of planned spending, the increase in per-unit costs had a significant impact on the total budget.

Lower than planned lifetime savings is driven by several factors, as summarized below.

- A greater number of heat pump water heaters replaced oil or propane water heaters rather than electric water heaters. Fossil fuel conversions provide increased benefits and GHG reductions but not increased electric savings.
- Similar to water heaters, more electric heat pumps replaced oil or propane heating systems, which provide increased benefits and GHG reductions but not increased electric savings.
- Fewer process measures, which target electric savings, than planned due in part to a renewed backlog in appliance supply and availability.
- Fewer lighting measures than planned.

While these factors resulted in fewer electric savings, they significantly increased GHG reductions. For this core initiative in 2022, both the 2025 and lifetime avoided CO₂e metric tons were about 65% greater than planned, and the 2030 avoided CO₂e metric tons were almost double planned expectations.

As a result of these variances, the Compact does not expect to change the core initiative's design or implementation, as the current design is proving successful at achieving benefits and GHG reductions. The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the Income-Eligible Coordinated Delivery core initiative, the 2022 actual BCR is 1.32, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.54.

2. Income-Eligible ADR

a. Significant Variances

For this core initiative, actual expenditures and total benefits were lower than planned. Actual expenditures were 94% lower than planned, and total benefits were 32% lower than planned. As noted in the Compact's data tables, total lifetime savings are not calculated for ADR measures. Therefore, a variance for total lifetime savings is not calculated for this core initiative.

Benefits were lower than planned due to slightly fewer enrollments than planned. Enrolled customer performance was subject to the same issues noted above in the Residential ADR core

initiative explanation, specifically, lower performed kW reductions due to calling events on milder days.

In response to these variances, the Compact does not anticipate any changes to program design or implementation. The Compact only budgeted approximately \$1,300 per year for this core initiative, so small changes in program delivery can lead to large percentage changes relative to the 2022-2024 Three-Year Plan.

The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the Income-Eligible ADR core initiative, the 2022 actual BCR is 86.39, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 19.66.

III. Commercial Programs

A. C&I New Buildings

For the C&I New Buildings program, the 2022 actual BCR is 4.37, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 4.91.

1. C&I New Buildings & Major Renovations

a. Significant Variances

For this core initiative, actual expenditures were 49% lower than planned.

The primary driver for the decrease in spending compared to the 2022-2024 Three-Year Plan is measure mix. The Compact installed more lighting measures as compared to other, more expensive measures such as HVAC measures. Despite spending less than anticipated, the Compact was able to achieve its planned lifetime electric savings and total benefits.

The nature of new construction is highly variable, and program measure mix relies upon construction choices. These choices are often outside of the Compact's control. The COVID-19 pandemic had a depressing effect on the construction market and may continue to have lingering effects. As described in the 2022–2024 Three-Year Plan, the delivery model for this program has been significantly modified.⁶

Given the variable nature of this core initiative, the Compact does not currently expect to make any significant changes to the core initiative's design or implementation. The Compact expects to utilize the budget and meet the goals for lifetime savings and total benefits in the three-year timeframe.

b. Cost-Effectiveness

For the C&I New Buildings & Major Renovations core initiative, the 2022 actual BCR is 4.37, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 4.91.

⁶ See, D.P.U. 21-126, Exhibit 1, 2022-2024 Three-Year Energy Efficiency Plan, pages 158-161.

B. C&I Existing Buildings

For the C&I Existing Buildings program, the 2022 actual BCR is 1.18, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.42.

1. C&I Existing Building Retrofit

a. Significant Variances

For this core initiative, actual expenditures, lifetime savings, and total benefits were significantly lower than planned. Total program costs were 48% lower than planned, lifetime savings were 24% lower than planned, and total benefits were 47% lower than planned.

The variances in the C&I Existing Building Retrofit core initiative were due mainly to less-than-expected participation and the varied measure mix that was installed. The Compact is still experiencing labor shortages and supply chain issues as a result of the COVID-19 pandemic, which reduced opportunities for customers to invest in energy efficiency during 2022.

While generous incentives were introduced in 2022 for the installation of heat pumps, the lack of large heat pump equipment available for large commercial customers impacted the Compact's ability to install the planned number of systems. The Compact is continuously working to identify viable custom electrification opportunities. Also, many of the Compact's commercial customers have natural gas for heating, which results in many custom electrification opportunities being served and attributed to the gas Program Administrator.

The reduction in total spending, lifetime savings, and total benefits mirrored the lower participation numbers for residential end use, electrification, and whole initiative sub-offerings. In 2023, the Compact plans to continue customer engagement, marketing, and education on the various measures and offers that are available.

The turnkey offering saw great improvement in 2022 relative to the 2019-2021 plan term, with increases in the installation of non-lighting measures and participation, which led the Compact to almost exceed its planned goals for this offering. The Compact is looking forward to 2023 with a suite of planned Main Streets efforts and more comprehensive measures being implemented.

As a result of these variances, the Compact will continue working to identify opportunities and engage customers, but does not intend to change program design or implementation. The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the C&I Existing Building Retrofit core initiative, the 2022 actual BCR is 1.18, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.42.

2. C&I New & Replacement Equipment

a. Significant Variances

For this core initiative, total program costs and total benefits were lower than planned by 59% and 26%, respectively.

The Compact underspent the budget in the New & Replacement Equipment core initiative because of changes in expected measure mix. Measures implemented through the midstream pathway dominated participation in this core initiative. Specifically, midstream lighting, HVAC, and food service measures were oversubscribed as compared to the 2022-2024 Three-Year Plan, while measures installed through applications were undersubscribed, specifically electrification measures, e.g., heat pumps and commercial lawn equipment.

Many commercial customers already heat with natural gas and thus would be served by the gas Program Administrator for electrification. Or, if the customer heats with oil, propane or electric resistance, they may opt to switch to natural gas instead of an electric heat pump due to the lower operating costs, despite the energy efficiency incentives offered to offset upfront capital costs. The Compact plans to continue educating consumers about the benefits of electrification and market these offers to the appropriate audiences. However, high electricity costs compared to natural gas costs may continue to reduce the uptake of space and water heating electrification.

For lawn equipment, many of the battery-powered, commercial-grade systems are still prohibitively expensive compared to their gas-powered counterparts. As this is a relatively nascent market, the Compact expects costs to decrease.

As a result of these variances, the Compact will continue working to identify opportunities and engage customers, but does not intend to change program design or implementation. The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the C&I New & Replacement Equipment core initiative, the 2022 actual BCR is 2.49, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 1.86.

3. C&I ADR

a. Significant Variances

For this core initiative, actual expenditures and total benefits were lower than planned. Total program costs were 24% lower than planned and total benefits were 61% lower than planned. As noted in the Compact's data tables, total lifetime savings are not calculated for ADR measures. Therefore, a variance for total lifetime savings is not calculated for this core initiative.

The Compact's Curtailment Service Providers ("CSPs") continue to have issues recruiting new customers in the Compact's service territory. This is largely due to the lack of large C&I customers with sophisticated enough systems that would allow them to effectively curtail load without impacting necessary processes or customer and/or employee comfort.

Additionally, battery projects have taken longer than expected to be fully online and able to participate in demand response events. The Compact anticipated, based on original project developer timelines, that two large battery projects would be online by the summer of 2022. One of these systems has yet to be installed and the other continues to run into commissioning issues. The Compact anticipates batteries will grow significantly in the coming years, but the uptake to date has been slower than originally planned. Lower enrollment has resulted in total benefits being lower than planned.

Because most of the demand response budget is customer incentives that are directly tied to customer performance, low participation (due to the reasons outlined above) also accounts for lower-than-planned expenditures.

In response to these variances, the Compact does not anticipate any changes to program design or implementation. The Compact continues to work with trade allies to encourage participation.

The Compact does not currently expect these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

b. Cost-Effectiveness

For the C&I ADR core initiative, the 2022 actual BCR is 2.03, while the BCR for the three-year term after accounting for actual results from 2022 and planned values for 2023 and 2024 is 3.71.

APPENDIX 1A COST-EFFECTIVENESS OF RESIDENTIAL SECTORS AND PROGRAMS

The cost-effectiveness of the residential sector, programs, and core initiatives are realizing a benefit cost ratio (“BCR”) of at or under 1.0 for some Program Administrators. This is predominantly due to electrification projects and measures that have very low BCRs.

The Department is required to review the three-year plans for cost effectiveness. G.L. c. 25, § 21(b)(3). This review ensures that the three-year plans capture energy savings and other benefits with values greater than the cost of deployment. G.L. c. 25, § 21(b)(3). Under the Green Communities Act¹, as amended by the Energy Act of 2018² and the Climate Act of 2021³, for the purposes of cost-effectiveness screening, programs are aggregated by sector. G.L. c. 25, § 21(b)(3). The Department also monitors cost-effectiveness at the program and core initiative level for prudent spending of ratepayer funds. 2019-2021 Three-Year Plans Order, D.P.U.18-110 through D.P.U. 18-119, at 74 (2019).

In determining cost-effectiveness, the Department relies on the Total Resource Cost (“TRC”) test. Energy Efficiency Guidelines, § 3.4.3. The TRC test “includes all benefits and costs associated with the energy system, as well as all benefits and costs associated with Program Participants.” Id. Additionally, the Climate Act of 2021 requires the Program Administrators to include the benefits associated with the societal value of GHG emissions reductions, except for those resulting from fossil fuel heating or cooling equipment.

The Climate Act of 2021 also established GHG emissions reduction goals for the 2022-2024 Three-Year Plans, which are set by the Secretary of the Executive Office of Energy and Environmental Affairs (“EEA”). Electrification is consistent with the goals of the Climate Act, and the 2022-2024 Three-Year Plans are designed to meet or exceed the EEA Secretary’s goal for reducing GHG emissions through the installation of energy efficiency measures, particularly focusing on weatherization and electrification. 2022-2024 Three-Year Plans, D.P.U. 21-120 through D.P.U. 21-129, Exh. 1, at 12 (“Exh. 1”). The PAs are making a concerted effort to promote electrification, particularly in instances in which customer economics and building characteristics are favorable. Exh. 1, at 12. Specifically, customers who currently heat with oil, propane, or electric resistance are more likely to realize reduced heating costs from electrification. Exh. 1, at 13. This is particularly true when electrification is coupled with weatherization, and the Program Administrators are implementing incentives as directed by the Department to encourage weatherization with electrification. 2022-2024 Three-Year Plans Order, D.P.U. 21-120 through D.P.U. 21-129, at 108-110 (2022).

Customer economics for electrification of customers using natural gas for heating, however, can be tenuous. Exh. 1, at 13. This is primarily due to the relatively low cost of natural gas compared

to electricity prices, resulting in a material chance that an electrification of a natural gas heating source will lead to an increased energy burden for the customer.

Additionally, applying the TRC test to these measures results in a BCR that is well below 1.0, meaning that, in addition to potentially increasing the customer's energy burden, they are not cost-effective in the context of the energy efficiency programs. Nonetheless, as recognized in the 2050 Decarbonization Roadmap, "combustion of natural gas, oil, and propane for building heating is the largest end use contributor to emissions in the buildings sector." Massachusetts 2050 Decarbonization Roadmap (December 2020), at 45. Natural gas customers are also turning to the Mass Save programs for assistance in displacing some or all of their natural gas use with electric heat pump technology, in an effort to decarbonize their homes, in spite of the negative economic impact. Thus, in order to support the Commonwealth's climate goals and reach the GHG emissions reduction goals for the 2022-2024 Three-Year Plans, the Program Administrators offer incentives for natural gas electrification measures. Exh. 1, at 13.

The Program Administrators have had a stronger than planned demand for incentives for natural gas electrification projects in 2022, which is expected only to increase over the remainder of the 2022-2024 term. However, the low BCR of these measures is resulting in lower than planned cost-effectiveness in the residential sector, programs, and core initiatives which for some Program Administrators has resulted in the BCR dropping to or below 1.0.

The Program Administrators seek regulatory guidance from the Department to permit the continued offering of electrification equipment through these Three-Year Plans to achieve the robust and legally mandated GHG emissions reduction goals, regardless of the fact that such offerings may lead to non-cost-effective programs. Alternatively, the Program Administrators seek clarity from the Department with respect to the relationship between cost-effectiveness and electrification, to better establish strategies for achieving GHG emissions goals for the Program Administrators, their vendors, and their customers. The Program Administrators have GHG emissions reductions goals that are statutorily mandated, but also a requirement to keep cost-effective programs. The Program Administrators want to continue to offer incentives to customers seeking to displace their natural gas through electrification and will strive to do so in a cost-effective manner in order to reach the 2022-2024 Three-Year Plans GHG emissions reduction goals. However, the residential sector and programs are in jeopardy of not being cost effective for at least some PAs.

APPENDIX 2
BENEFIT-COST RATIO SCREENING TOOL

Please see the Microsoft Excel workbook accompanying this report for the BCR screening tool.

APPENDIX 3
STATEWIDE TECHNICAL REFERENCE MANUAL
2022 REPORT VERSION

Please see Statewide Appendix 3: Technical Reference Manual – 2022 Report Version, filed under separate cover. The electronic version, the eTRM, is available at:
<http://www.masssavedata.com/Public/TechnicalReferenceLibrary>

APPENDIX 4
STATEWIDE EVALUATION STUDIES SUMMARY

Please see Statewide Appendix 4: Statewide Evaluation Studies, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 5 PERFORMANCE INCENTIVES

The purpose of this section is to provide detailed supporting documentation on performance incentives that each Program Administrator proposes to collect. The Compact is a municipal aggregator and public entity that does not collect any performance incentives. As such, this section is not applicable to the Compact.

**APPENDIX 6
CODES AND STANDARDS STUDY**

Please see Statewide Appendix 6: Codes and Standards Study, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 7
PLAN IMPLEMENTATION TO ACHIEVE THE EEA SECRETARY'S
GHG EMISSIONS REDUCTION GOALS

Please see Statewide Appendix 7: Plan Implementation to Achieve the EEA Secretary's GHG Emissions Reduction Goals, filed under separate cover and downloadable at:
<https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 8
COSTS RELATED TO EEAC DATA REQUESTS

Please see Statewide Appendix 8: Costs Related to EEAC Data Requests, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 9
OUTSIDE FUNDING EFFORTS

Please see Statewide Appendix 9: Outside Funding Efforts, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 10
CO-DELIVERY OF ENERGY EFFICIENCY AND RENEWABLE
ENERGY

Please see Statewide Appendix 10: Co-Delivery of Energy Efficiency and Renewable Energy, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 11
POLICY ON DATA AGGREGATION

Please see Statewide Appendix 11: Policy on Data Aggregation, filed under separate cover and downloadable at: <https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

APPENDIX 12
STUDY TO UPDATE HEAT RATE AND EMISSIONS FACTORS FOR
ENERGY EFFICIENCY SAVINGS

Please see Statewide Appendix 12: Study to Update Heat Rate and Emissions Factors for Energy Efficiency Savings, filed under separate cover and downloadable at:
<https://richmaypc478.sharefile.com/d-sed2e4dd0f842468a8a1516a9d25de1b4>.

**APPENDIX CLC-1
CAPE LIGHT COMPACT JPE
SHARED COSTS AND CONSUMER ADVOCACY MATTERS**

The Compact routinely incurs costs that it shares between its energy efficiency activities and its non-energy efficiency activities (e.g., its municipal aggregation power supply program). These costs are allocated between the Compact’s energy efficiency and its operating budget. In D.P.U. 18-116, the Department placed new reporting requirements on the Compact for costs: (1) shared between its energy efficiency and operating budget, and (2) related to consumer advocacy matters. D.P.U. 18-116 at 142-143.

I. Shared Costs

A. Background on Shared Costs Allocation Method

In its 2022-2024 Three-Year Plan filing, the Compact proposed to use percentage allocation factors that are the same for all three years of the plan term, are locked in for planning and reporting for the entire three-year term and are the same for all shared costs. The allocation factors are based on actual time that Compact staff spent on energy efficiency or municipal aggregation in 2021 and expected changes in staff over the term. The only shared cost for 2022-2024 that did not, as a default, have a fixed allocation factor tied to the breakdown of staff salaries in 2021 was legal costs (for legal consumer advocacy and other legal shared costs). Those shared legal cost allocations are based on: (1) Governing Board approvals of consumer advocacy worksheets for consumer advocacy matters; (2) allocations to aggregation/operating or energy efficiency based on the subject matter of the legal service provided; or (3) the same fixed percentage breakdown tied to staff salaries as described above because the legal matter is employee related (e.g., certain pension and other post-employment liabilities, or “OPEB” matters, etc.).

The Department found that it is reasonable for the Compact to allocate its shared costs based on employee time spent on energy efficiency versus municipal aggregation over the 2022-2024 Three-Year Plan term. However, rather than establish allocation factors based on Compact employee time measured over a single year, the Department found it is appropriate to measure the Compact’s employee time over a period of six years (i.e., 2016 through 2021) for cost allocation purposes. D.P.U. 21-120 through D.P.U. 21-129 Three- Year Plans Order at 290-294 (2022). In addition, the Department determined that the Compact’s proposal to establish an allocation factor for shared legal/consumer advocacy costs each year is reasonable. *Id.* at 296. The Department also required that the Compact present the Department with a detailed study of cost drivers for each category of shared costs as part of the Compact’s 2025-2027 Three-Year Energy Efficiency Plan. *Id.* at 297. The Compact has engaged a vendor to undertake this study and it is underway.

As noted in the Compact's April 1, 2022 Compliance Filing in D.P.U. 21-126 ("Compliance Filing"), Proposed Shared Cost Allocation Factor at page 1, the Compact does not have employee time spent on energy efficiency versus municipal aggregation prior to April 2019. In measuring the employee time over the course of April 2019 through December 2021, the sum of hours over that period showed that Compact employees spent 94 percent of their time on energy efficiency matters and 6 percent of their time on non-energy efficiency matters. Thus, for planning and reporting in each year of the 2022-2024 Three-Year Plan, the Compact informed the Department that it will allocate 94 percent of shared costs to energy efficiency. The Department continues to investigate these shared cost allocation factors. *Cape Light Compact JPE*, D.P.U. 22-135 at 8-9 (2022).

The Department has expressed concern that a three-year timeframe may not be an appropriately representative period upon which to set allocation factors, citing specifically to the fact that the Compact's last municipal aggregation power supply procurement occurred in 2018, and thus would not be captured in the 2019-2021 timeframe. D.P.U. 22-135 at n.13. While the Department is correct that there has not been another procurement for the Compact's aggregated electric load since 2018, there are numerous municipal aggregation and power supply related activities that the Compact undertook in 2019-2021. These activities are accounted for in the employee timesheets included with the Compact's Compliance Filing, Proposed Shared Cost Allocation Factor, Attachment 2, and include the following.

- Engaging in day-to-day power supply program management and contract administration activities and exploring options for the long-term inclusion of renewable energy and renewable energy certificates in the Compact's power supply offering.
- Negotiating and executing an amendment to its competitive electric supply agreement.
- Undertaking a retail power supply procurement process for approximately 1500 municipal and other governmental entity electric accounts on the Cape and Vineyard (a service the Compact provides in accordance with its Joint Powers Agreement).
- Contracting with Habitat for Humanity to support the installation of renewable energy systems on low-income housing.
- Participating as a consumer advocate or otherwise in multiple Department dockets on non-energy efficiency matters (e.g., D.P.U. 19-07, D.P.U. 20-46, D.P.U. 20-145, D.P.U. 21-80).

These activities are undertaken by the Compact's Power Supply Planner, with oversight from the Compact Administrator. While there are no timesheets to document individual employee time spent on Compact matters from 2016-2018, the Compact submits there were not significantly more hours dedicated to power supply related activities in 2016-2021 as compared to 2019-2021. For the reasons discussed herein, including those three additional years would not materially alter the cost allocation factors submitted with the Compliance Filing.

B. 2022 Shared Costs

For shared costs, in its plan year reports, the Department requires the Compact to provide a comparison of planned allocations versus actual spent dollars and an explanation of any variance greater than 10% (D.P.U. 18-116 at 142).

The following tables provide, for each shared cost in 2022, (1) the allocation factor methodology, (2) the allocation factors used for planning and reporting, and (3) the planned and actual allocated costs in dollars.

Table 6.A.1. 2022–2024 allocation factor methodology

Shared Cost	Allocation Factor Methodology
Legal, Consumer Advocacy	Case-specific, based on Board Consumer Advocacy Allocation Worksheet
Legal, Other	Case-specific
Salary	2019-2021 time spent on energy efficiency or operating activities
Software licenses	Same as salary (weighted average across staff based on time)
Payroll services	Same as salary (weighted average across staff based on time)
Internet	Same as salary (weighted average across staff based on time)
Rent	Same as salary (weighted average across staff based on time)
Custodial	Same as salary (weighted average across staff based on time)
Other Utilities	Same as salary (weighted average across staff based on time)
Auditor	Same as salary (weighted average across staff based on time)
Treasury services	Same as salary (weighted average across staff based on time)
Financial software	Same as salary (weighted average across staff based on time)
Insurance	Same as salary (weighted average across staff based on time)

Table 6.A.2. 2022 shared planned and actual costs and allocation factors

Shared Cost	2022-2024 Plan					2022-2024 Actual				
	Costs (\$)			Allocations (%)		Costs (\$)			Allocations (%)	
	EE	OP	Total	EE	OP	EE	OP	Total	EE	OP
2022										
Legal, Consumer Advocacy	60,000	420,000	480,000	12.5%	87.5%	26,828	194,890	221,718	12.1%	87.9%
Legal, Other	10,080	420	10,500	96.0%	4.0%	7,747	468	8,215	94.3%	5.7%
Salary	3,152,133	201,200	3,353,333	94.0%	6.0%	2,895,688	184,831	3,080,519	94.0%	6.0%
Software licenses	20,173	1,288	21,460	94.0%	6.0%	20,382	1,301	21,683	94.0%	6.0%
Payroll services	3,977	254	4,231	94.0%	6.0%	1,900	121	2,021	94.0%	6.0%
Internet	13,078	835	13,912	94.0%	6.0%	17,877	1,141	19,019	94.0%	6.0%
Rent	101,520	6,480	108,000	94.0%	6.0%	97,290	6,210	103,500	94.0%	6.0%
Custodial	20,544	1,311	21,855	94.0%	6.0%	18,078	1,154	19,232	94.0%	6.0%
Other Utilities	60,380	3,854	64,234	94.0%	6.0%	32,718	2,088	34,806	94.0%	6.0%
Auditor	53,599	3,421	57,020	94.0%	6.0%	65,800	4,200	70,000	94.0%	6.0%
Treasury services	18,727	1,195	19,922	94.0%	6.0%	137,707	8,790	146,497	94.0%	6.0%
Financial software	46,377	2,960	49,338	94.0%	6.0%	42,659	2,723	45,382	94.0%	6.0%
Insurance	54,109	3,454	57,563	94.0%	6.0%	55,908	3,569	59,477	94.0%	6.0%
TOTAL	3,614,695	646,672	4,261,367	84.8%	15.2%	3,420,582	411,487	3,832,069	89.3%	10.7%

Table 6.A.3. 2022 planned vs. actual shared costs

Shared Cost	2022-2024 Plan			2022-2024 Actual			Difference			Change		
	Costs (\$)			Costs (\$)			Costs (\$)			Costs (%)		
	EE	OP	Total	EE	OP	Total	EE	OP	Total	EE	OP	Total
2022												
Legal, Consumer Advocacy	60,000	420,000	480,000	26,828	194,890	221,718	(33,172)	(225,110)	(258,282)	-55%	-54%	-54%
Legal, Other	10,080	420	10,500	7,747	468	8,215	(2,333)	48	(2,285)	-23%	11%	-22%
Salary	3,152,133	201,200	3,353,333	2,895,688	184,831	3,080,519	(256,445)	(16,369)	(272,814)	-8%	-8%	-8%
Software licenses	20,173	1,288	21,460	20,382	1,301	21,683	209	13	223	1%	1%	1%
Payroll services	3,977	254	4,231	1,900	121	2,021	(2,078)	(133)	(2,210)	-52%	-52%	-52%
Internet	13,078	835	13,912	17,877	1,141	19,019	4,800	306	5,106	37%	37%	37%
Rent	101,520	6,480	108,000	97,290	6,210	103,500	(4,230)	(270)	(4,500)	-4%	-4%	-4%
Custodial	20,544	1,311	21,855	18,078	1,154	19,232	(2,466)	(157)	(2,623)	-12%	-12%	-12%
Other Utilities	60,380	3,854	64,234	32,718	2,088	34,806	(27,662)	(1,766)	(29,428)	-46%	-46%	-46%
Auditor	53,599	3,421	57,020	65,800	4,200	70,000	12,201	779	12,980	23%	23%	23%
Treasury services	18,727	1,195	19,922	137,707	8,790	146,497	118,981	7,595	126,575	635%	635%	635%
Financial software	46,377	2,960	49,338	42,659	2,723	45,382	(3,718)	(237)	(3,955)	-8%	-8%	-8%
Insurance	54,109	3,454	57,563	55,908	3,569	59,477	1,800	115	1,915	3%	3%	3%
TOTAL	3,614,695	646,672	4,261,367	3,420,582	411,487	3,832,069	(194,113)	(235,185)	(429,298)	-5%	-36%	-10%

As indicated in the above table, actual shared costs were about \$430,000 or 10% less than planned costs. Below, the Compact provides an explanation for each shared cost with a significant variance. In general, the reason for most variances is that actual costs reflect total incurred costs, and these sometimes vary from the estimated values. The Compact uses the best available information at the time of planning to estimate costs. This includes historical information as well as the Compact's best estimate of projected costs.

- *Legal, Consumer Advocacy and Other.* See the following section for a discussion on consumer advocacy costs.
- *Payroll Services.* Payroll services decreased relative to plan. The Compact likely over-estimated the cost of payroll services in the 2022-2024 Three-Year Plan. Costs for payroll services are the smallest shared cost, so small changes in costs can lead to large percentage changes.
- *Internet.* Internet costs increased relative to plan. The Compact receives internet service under a contract negotiated by the Commonwealth of Massachusetts that is available to all state and municipal organizations. In 2022, the minimum service levels of the contract were increased by the Commonwealth of Massachusetts, so the Compact's bill increased. Internet costs also increased due to the addition of web-based services not anticipated during the 2022-2024 planning process.
- *Custodial.* Custodial costs decreased relative to plan because the Compact implemented a hybrid work schedule for all staff which resulted in fewer staff on site and a decreased need for custodial services.
- *Other Utilities.* Other utility costs decreased relative to plan due to lower than anticipated costs for IT related services.
- *Auditor.* Auditor costs increased relative to plan due to an increase in the auditor's fee schedule subsequent to the preparation of the 2022-2024 Three-Year Plan. The Compact's auditor conducts an audit consistent with the Governmental Accounting Standards Board

(“GASB”) which requires certain supplementary information accompany the Compact’s basic financial statements.

- *Treasury Services*. Treasury services increased relative to plan because of a staff vacancy (i.e., the Comptroller) and the need to contract out these services until the position was filled. The increase in treasury services corresponds with part of the decrease in salaries.

II. Consumer Advocacy Costs related to Energy Efficiency

A. Background on Consumer Advocacy Costs

Where the Compact classifies any consumer advocacy costs as energy efficiency-related, the Department now requires that the Compact be prepared to demonstrate, at the time final cost recovery is sought, that such activities have a direct energy efficiency-related benefit. Accordingly, in each Plan Year report, the Compact is now required to identify any consumer advocacy costs that were charged to its energy efficiency budget and provide an explanation supporting the direct energy efficiency-related benefit of such activities. D.P.U. 18-116 at 143.

It is important to note that the Compact’s involvement in consumer advocacy matters related to energy efficiency often overlaps with its direct energy efficiency program administration activities: it is not always possible for the Compact to expressly isolate one cost from the other. Therefore, the costs identified herein as consumer advocacy costs are conservative (i.e., potentially on the high side), as they may include amounts spent directly on energy efficiency planning and program design in addition to consumer advocacy matters. In addition, Compact staff do not track their time at this level of granularity and so cannot identify actual hours spent on “consumer advocacy.” The Compact’s Administrator and its Power Supply Planner may have spent time during 2022 communicating with counsel on matters that arose in the dockets identified below as well as reviewing any of the Compact’s pleadings and comments in those dockets. No other Compact staff spent time on consumer advocacy matters.

B. 2022 Consumer Advocacy Costs

In 2022, the Compact’s consumer advocacy efforts focused on services associated with D.P.U. 21-90 (Eversource’s Petition for Approval of its Phase II Electric Vehicle Infrastructure Program and its Electric Vehicle Demand Charge Alternative Proposal) and D.P.U. 22-22 (Eversource’s Petition for Approval of a General Increase in Base Distribution Rates for Electric Service and a Performance-Based Ratemaking Plan).

Proceeding	2022 Costs	Notes
D.P.U. 21-90	\$21,842	The consumer advocacy worksheet for D.P.U. 21-90, documenting that costs will be allocated based on the actual subject matter of the service performed (e.g., work related to energy efficiency will be allocated to the energy efficiency budget and work related to non-energy efficiency will be allocated to the operating budget) is included in Attachment A of this appendix.
D.P.U. 22-22	\$4,987	The consumer advocacy worksheet for D.P.U. 22-22, documenting that costs will be allocated based on the actual subject matter of the service performed (e.g., work related to energy efficiency will be allocated to the energy efficiency budget and work related to non-energy efficiency will be allocated to the operating budget) is included in Attachment A of this appendix.

2022 Services Related to D.P.U. 21-90: Eversource’s Petition for Approval of its Phase II Electric Vehicle Infrastructure Program and its Electric Vehicle Demand Charge Alternative Proposal

For D.P.U. 21-90, the Compact billed \$21,842 to the energy efficiency budget in 2022.

Background: Eversource filed its petition for approval of its phase two electric vehicle (“EV”) infrastructure program (“EV Plan”) and its EV demand charge alternative proposal on July 14, 2021. On August 26, 2021, the Department granted the Compact full party status, determining that the Compact was substantially and specifically affected by the proceeding. See D.P.U. 21-90, Petition to Intervene of the Cape Light Compact JPE (August 12, 2021).

The Department’s investigation in this proceeding will affect the Compact’s energy efficiency programs in that the Compact is hoping to ensure that its customers are able to participate in Eversource’s Residential Make-Ready and Charger Rebate offerings to receive incentives for Electric Vehicle Supply Equipment (“EVSE”). Eversource is requiring customers enrolled in these offerings to also participate in a managed charging program. Since the Compact is the energy efficiency Program Administrator for customers on the Cape and Vineyard, if Eversource were to offer its managed charging program through its energy efficiency program, the Compact would also need to offer a managed charging program through its energy efficiency program in order for its customers to participate in Eversource’s Make-Ready program. The Compact adjudicated issues raised in the proposed Phase II EV Plan related to demand response programs, including enrollment and funding, as well as the coordination necessary between Eversource and the

Compact to carry out the offerings for the benefit of all customers. The Compact wants to clarify how Eversource will report on and track its offerings and installations as well. Issues such as cost recovery and tracking/reporting of EV offerings and installations may affect all of the electric distribution companies (“EDCs”)/Program Administrators.

The Compact’s participation in this proceeding is necessary to, among other things, clarify how Cape and Vineyard energy efficiency customers would be included in certain offerings, how Eversource intends to coordinate with the Compact as a Program Administrator, and how Eversource intends to handle demand management program enrollment related to its proposed EVSE rebate programs. The Compact needs to ensure that Eversource’s proposal will not discriminate against customers participating in a managed charging program offered by the Compact, should the Compact obtain Department approval of such a program.

In 2022, the Compact’s work included reviewing discovery and attending evidentiary hearings (including cross examination by Compact counsel of Eversource witnesses), filing initial and reply briefs, and reviewing other parties’ briefs. In its briefs, the Compact argued that: (1) Eversource should be directed to work cooperatively with the Compact to develop a managed charging program to ensure that residential customers in the Compact’s service territory would have access to any Residential Make-Ready and Charger Rebate offerings; and (2) for the Public and Workplace Segment and Residential Segment offerings, Eversource should track and report commitments and installations made through all of the program segments (including by town, segment, and whether a site is located in an Environmental Justice Community) in a manner similar to Eversource’s Phase I EV program where all installations and signed contracts are reported annually in both the Grid Modernization Annual Report and in the Grid Modernization Cost Recovery filings and would be summarized in the program’s Final Report upon completion. The Compact also expressed its appreciation for Eversource’s commitment that it would not market the Residential Make-Ready and Charger Rebate offerings to residential customers in the Compact’s service territory until a managed charging program exists that enables those customers’ participation.

2022 Services Related to D.P.U. 22-22: Eversource’s Petition for Approval of a General Increase in Base Distribution Rates for Electric Service and Performance-Based Ratemaking Plan

For D.P.U. 22-22, the Compact billed \$4,987 to the energy efficiency budget in 2022.

Background: On January 14, 2022, Eversource filed a petition with the Department seeking, among other things, approval of (1) an increase in base distribution rates for electric service pursuant to G.L. c. 164, §94, (2) a performance-based ratemaking (“PBR”) plan for a ten-year term (with a five-year alternative); (3) rate design proposals; (4) an investment within the PBR plan of \$955.6 million to address its reliability-based electrification plans, including the installation of new substations, feeders, and distribution and transmission lines necessary to support customer

demand over the long term; (5) PBR performance metrics; and (6) other proposals related to advanced metering infrastructure (“AMI”) cost recovery and reconciling mechanisms.

The Compact identified that the Department’s investigation in this proceeding would affect the Compact’s energy efficiency programs due to Eversource’s proposed revisions to its Energy Efficiency Charges tariff, M.D.P.U. 50E (“EEC Tariff”). As such, the Compact’s advocacy costs for this matter were allocated to its energy efficiency budget, while its advocacy costs for all other matters in the rate case were allocated to its operating budget.

The Department had directed the revised EEC Tariff filing in its Order in D.P.U. 20-150-A (Investigation into Updating Energy Efficiency Guidelines). The revisions reflect the Department’s changes to the calculation of the Low Income Energy Efficiency Reconciliation Factor (“EERF”). The Compact was concerned that the rate impacts related to the revised tariff could adversely affect low-income customers in the Compact’s service territory. The Compact, together with other Program Administrators of energy efficiency, expressed this concern to the Department in comments filed in D.P.U. 20-150. In the D.P.U. 20-150A Order, the DPU directed the Compact to work with Eversource on this EERF.

Specifically, the Compact was concerned about the just administration for low-income customers of the EEC Tariff. The Compact’s customers that pay into the EERF were directly affected by the proposed revisions to the EEC Tariff. In addition, the Compact was concerned about moderate income customers to the extent that the low-income discount was increased from 36 to 42 percent to mitigate bill impacts for low-income customers. The bill impacts from the revisions of the EEC Tariff will likely be ongoing for years to come.

In 2022, the Compact participated fully in Eversource’s rate case through issuance of discovery, sponsoring of witness testimony, cross examination at evidentiary hearings and briefing. In its briefs, with respect to energy efficiency matters, the Compact argued that Eversource’s proposed EEC Tariff would have significant adverse effects on the rates of low-income customers, and that the tariff implementation should be delayed until a time when the other EDCs’ similar tariffs could take effect simultaneously. The Compact argued that it would be unfair for Eversource’s low-income customers to be subject to the revised tariff any sooner than the low-income customers of the other EDCs. In addition, moderate income customers could be adversely affected by mitigating the bill impacts for low-income customers by raising the low-income discount. The Department in its Order issued on November 30, 2023, approved the EEC Tariff without delay. The Department did note that the next rate case should explore mitigation for moderate income customers.

D.P.U. 21-90 Board Approved October 2021
Worksheet Revised: May 2023

I move the Cape Light Compact JPE Board of Directors vote to adopt a process to allocate consumer advocacy costs between the Compact's energy efficiency and operating budgets as follows:

1. *After identifying a regulatory matter, rule-making proceeding, legislative action or other activity relating to or affecting the Compact's administration of its energy efficiency plan or its provision of power supply (taken together, "Consumer Advocacy Matter"), the Compact Administrator will provide the Board with pertinent information regarding the Consumer Advocacy Matter and present a completed consumer advocacy worksheet (as attached) for the Board's consideration and review.*

2. *The Board will thereafter vote to authorize and direct the Compact Administrator to take all actions deemed necessary or appropriate to implement the Compact's participation in the Consumer Advocacy Matter (subject to any limitations imposed by the Board), and to execute and deliver all documents as may be necessary or appropriate to enable and effectuate such participation.*

Additional Information:

Pursuant to the Order of the Massachusetts Department of Public Utilities approving the Compact's 2019-2021 Energy Efficiency Plan dated January 29, 2019, the Compact is required to demonstrate that its consumer advocacy activities have a direct energy efficiency related benefit.

Consumer Advocacy Allocation Worksheet

Parties involved:

Parties include Eversource, the Cape Light Compact, Attorney General's Office, Department of Energy Resources, Acadia Center, GECA, ChargePoint, FreeWire Technology, and National Grid as a limited party.

Description of the Matter or Proceeding:

The Department of Public Utilities will investigate Eversource's Phase II petition for approval of its Phase II electric vehicle infrastructure program ("EV Plan") and its electric vehicle demand charge alternative proposal on July 14, 2021. These investigations are held in furtherance of the Department's responsibilities pursuant to Grid Modernization – Phase II, D.P.U. 20-69-A (May 21, 2021) and Section 29 of Chapter 383 of the Acts of 2020, An Act Authorizing and Accelerating Transportation Investment ("Transportation Act").

Docket Number (if any):

D.P.U. 21-90

1. Does this proceeding raise issues that may impact the Compact's administration of its three-year energy efficiency plan? If yes, please explain.

Yes, the Compact intends to offer an incentive for Electric Vehicle Supply Equipment ("EVSE") enrolled in the Compact's Connected Solutions Demand Response program in the next three-year (2022-2024) Energy Efficiency Plan. Eversource is the distribution company providing service in the Compact's service territory and thus its EV Plan may affect the Compact's offerings. The Compact is participating in this proceeding both as a consumer advocate for ratepayers on Cape Cod and Martha's Vineyard and as an energy efficiency program and demand response administrator (G.L. c. 25, §21) because of potential impacts and precedents that this proceeding may have on its energy efficiency and other programs. As the Commonwealth's only municipal aggregator program administrator, the Compact can offer its unique expertise and point of view to the Department as it relates to energy efficiency and demand response matters relevant to this proceeding.

2. Does this proceeding raise issues regarding the general administration of energy efficiency in Massachusetts? Are other Program Administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.

Yes, Eversource Energy (a PA) filed the proposed EV Plan that resulted in this proceeding. The Compact has actively participated in other EV-related dockets, including as a full party in the investigation into Eversource's rate case in D.P.U. 17-05, as a full party in Eversource's grid modernization plan in D.P.U. 15-122, and the

Department's investigation into targeted EV rates in D.P.U. 20-69. Each electric distribution company (also PAs) submitted EV plans and demand charge alternative rate structures as required pursuant to Section 29 of Chapter 383 of the Acts of 2020. National Grid (also a PA) is also participating as a limited party in this docket.

3. Does this proceeding raise issues regarding the Compact's administration of active demand response programs/initiatives/measures? If yes, please explain.
Yes, the Compact intends to pursue issues raised in the proposed Phase II EV Plan related to demand response programs, including enrollment and funding, as well as the coordination necessary between Eversource and the Compact to carry out the offerings for the benefit of all customers. The Compact wants to clarify how Eversource will report and track on its offerings and installations as well.
4. Does this proceeding raise issues regarding the general administration of active demand response in Massachusetts? Are other program administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.
Yes, this proceeding directly impacts Eversource's administration of ADR since it involves Eversource's own EV program. Eversource's proposal may, among other things, expand its current managed charging program, ConnectedSolutions, which does not currently directly promote access to at-home charging. National Grid is a limited party in this proceeding. National Grid and Unitil have EV plans under consideration in related dockets. Issues such as cost recovery and tracking/reporting of EV offerings and installations may affect all of the electric distribution companies/PAs.
5. Does this proceeding concern the efficient utilization of energy in Massachusetts? Are other Program Administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.
Yes, Eversource's petition provides that its Phase II EV Plan advances its Phase I Electric Vehicle Infrastructure Program "by building the infrastructure required to support statewide EV adoption, and helping to enable the Commonwealth's broader transition to a clean transportation future." Widespread EV adoption will help the Commonwealth meet its clean energy goals. As noted above, Eversource is the main party in this docket and National Grid is a limited party to the proceeding (both PAs). The Attorney General's Office, DOER, the Compact and other parties are participating as well.
6. Describe the direct energy efficiency benefit resulting from the Compact's participation in this proceeding.
The Compact needs to investigate Eversource's proposals in this docket to, among other things, clarify how Cape and Vineyard energy efficiency customers would be included in certain offerings, how Eversource intends to coordinate with the Compact as a program

administrator, and how Eversource intends to handle demand management program enrollment related to its proposed EVSE rebate programs. The Compact needs to ensure that Eversource's proposal will not discriminate against customers participating in the Compact's managed charging program.

7. Is the described benefit quantifiable? If yes, please explain and provide any supporting documentation.

Not at present, given that Eversource's proposals are subject to an adjudicatory proceeding and thus may not be approved or may be modified over the course of the proceeding.

8. Will the Compact's participation assist its planning for future energy efficiency plans and/or programs?

Yes. The Department may modify Eversource's EV Plan in this proceeding based on the Compact's and other parties' input. The EV Plan will affect EV development in Eversource's service territory for the next four years. The issues raised by the Compact in Question 6 above will affect the Compact's future energy efficiency plans and programs.

9. Is the Compact's participation in this proceeding a reasonable use of energy efficiency ratepayer funds? Please explain.

Yes, it is necessary for the Compact to participate given the direct impact the outcome will have on the Compact and its energy efficiency customers. Eversource's EV Plan has the potential to allow the Compact to coordinate rebate offerings for its energy efficiency customers, or it may limit Eversource's offerings only to Eversource's managed customer program customers. The outcome of such an issue in this proceeding is likely to set a precedent and affect the Compact's and Eversource's future EV plans. The Compact will seek to ensure consistent opportunities across energy efficiency service territories.

10. Does this proceeding involve other non-energy efficiency issues? If yes, please explain.

The Compact has not yet identified non-energy efficiency issues in this proceeding. However, it is possible that they may arise during the course of the proceeding.

11. What is the initial estimate of the percentage allocation between energy efficiency and non-energy efficiency issues, as set forth in this worksheet?

The costs for this proceeding will be allocated based on the actual subject matter, meaning that any work related to energy efficiency will be allocated as such and any work related to non-energy efficiency will be allocated as such.

12. Discuss any other factors as may be appropriate.

It is important for the Compact to be involved in this proceeding as Eversource's EV efforts will be ongoing for years to come.

13. **To be completed at the conclusion of the proceeding/matter or every 12 months, which ever comes first**, a summary of the actual total costs associated with the Compact's participation and costs recovered through energy efficiency ratepayer funds and operating funds. A brief narrative should accompany any readjustment to the percentage allocation explaining the basis for the reallocation.

UPDATED May 2023: The Department issued an Order in D.P.U. 21-90 (Track 1) on December 30, 2022. Total legal costs associated with Compact participation were \$37,512 with \$11,752 in 2021, \$21,842 in 2022, and \$3,918 in 2023. These costs were all recovered through energy efficiency ratepayer funds because its participation was directly related to the statewide implementation of electric energy efficiency plans and the Compact's energy efficiency program planning.

The Compact participated in Track 1 of this proceeding in 2021, 2022 and 2023. In 2021, the Compact reviewed Eversource's proposals, drafted and filed the Compact's petition to intervene, filed and reviewed responses to two sets of discovery to Eversource, and reviewed other parties' discovery.

In 2022, the Compact continued to review discovery, attended the evidentiary hearings (including cross examination by Compact counsel of Eversource witnesses), filed initial and reply briefs, and reviewed other parties' briefs. In its briefs, the Compact argued that: (1) Eversource should be directed to work cooperatively with the Compact to develop a managed charging program to ensure that residential customers in the Compact's service territory would have access to any Residential Make-Ready and Charger Rebate offerings; and (2) for the Public and Workplace Segment and Residential Segment offerings, the Company should track and report commitments and installations made through all of the program segments (including by town, segment, and whether a site is located in an Environmental Justice Community) in a manner similar to the Company's Phase I EV program where all installations and signed contracts are reported annually in both the Grid Modernization Annual Report and in the Grid Modernization Cost Recovery filings and would be summarized in the program's Final Report upon completion. The Compact also expressed its appreciation for the Company's commitment that it would not market the Residential Make-Ready and Charger Rebate offerings to residential customers in the Compact's service territory.

The Compact reviewed the Department's Order in 2023. Among other things, the Order approved Eversource's requirement that that residential program customers enroll in the

Company's managed-charging program, ConnectedSolutions, for at least one year, with an option to opt out after the first year. Eversource must show in its EE annual report how it is not including this make ready for EE incentives. The Department encouraged Eversource to "work cooperatively with the Compact" for the residential offering. Eversource will consider whether the Compact's program includes comparable elements to its ConnectedSolutions program.

Please attach:

1. Initial Petition (attached)
2. Notice of Proceeding (attached)
3. Compact's Petition to Intervene (attached)
4. Agreements with Expert Consultants, if any

D.P.U. 22-22 Worksheet Originally Approved June 2022
Worksheet Revised May 2023

I move the Cape Light Compact JPE Board of Directors vote to adopt a process to allocate consumer advocacy costs between the Compact's energy efficiency and operating budgets as follows:

1. *After identifying a regulatory matter, rule-making proceeding, legislative action or other activity relating to or affecting the Compact's administration of its energy efficiency plan or its provision of power supply (taken together, "Consumer Advocacy Matter"), the Compact Administrator will provide the Board with pertinent information regarding the Consumer Advocacy Matter and present a completed consumer advocacy worksheet (as attached) for the Board's consideration and review.*

2. *The Board will thereafter vote to authorize and direct the Compact Administrator to take all actions deemed necessary or appropriate to implement the Compact's participation in the Consumer Advocacy Matter (subject to any limitations imposed by the Board), and to execute and deliver all documents as may be necessary or appropriate to enable and effectuate such participation.*

Additional Information:

Pursuant to the Order of the Massachusetts Department of Public Utilities approving the Compact's 2019-2021 Energy Efficiency Plan dated January 29, 2019, the Compact is required to demonstrate that its consumer advocacy activities have a direct energy efficiency related benefit.

Consumer Advocacy Allocation Worksheet

Parties involved:

The parties to this proceeding include the Cape Light Compact, NSTAR Electric Company d/b/a Eversource Energy (“Eversource” or the “Company”), Attorney General’s Office, Department of Energy Resources, National Grid, Town of Barnstable, Low Income Network, Conservation Law Foundation, The Energy Consortium, Power Options, and University of Massachusetts.

Description of the Matter or Proceeding:

On January 14, 2022, Eversource filed a petition with the Department of Public Utilities (the “Department” or “DPU”) seeking, among other things, approval of (1) an increase in base distribution rates for electric service pursuant to G.L. c. 164, §94, (2) a performance-based ratemaking (“PBR”) plan for a ten-year term (with a five-year alternative); (3) rate design proposals; (4) an investment within the PBR plan of \$955.6 million to address its reliability-based electrification plans, including the installation of new substations, feeders, and distribution and transmission lines necessary to support customer demand over the long term; (5) PBR performance metrics; and (6) other proposals related to advanced metering infrastructure (“AMI”) cost recovery and reconciling mechanisms. Eversource requested that any new rates approved in the instant matter be implemented on January 1, 2023. On January 19, 2022, in its Suspension Order, the Department suspended the effective date of the proposed rate increases to investigate the propriety of the Company’s request. Eversource’s last base distribution rate proceeding was in D.P.U. 17-05.

Docket Number (if any): D.P.U. 22-22

1. Does this proceeding raise issues that may impact the Compact’s administration of its three-year energy efficiency plan? If yes, please explain.

Yes. There are two issues that the Compact has identified thus far relating to energy efficiency: (1) Eversource’s proposed revisions to its Energy Efficiency Charges tariff, M.D.P.U. 50E; and (2) approval of revised PBR performance metrics.

First, the Department had directed the revised tariff filing in its Order in D.P.U. 20-150-A (Investigation into Updating Energy Efficiency Guidelines). The revisions reflect the Department’s changes to the calculation of the Low Income Energy Efficiency Reconciliation Factor (“EERF”). The Compact is concerned that the rate impacts related to the revised tariff could adversely affect low-income customers in the Compact’s service territory. The Compact, together with other Program Administrators of energy efficiency also expressed this concern to DPU in comments filed in D.P.U. 20-150. In the DPU 20-150A Order, the DPU directed the Compact to work with Eversource on this EERF.

Second, Eversource has filed proposed revised PBR performance metrics. The Compact is concerned that the Department has not issued an order in D.P.U. 18-50 where the

Department originally considered the development of Eversource's PBR performance metrics. In that case, the Department directed Eversource to submit a compliance filing proposing performance metrics in three areas: (1) improvements to customer satisfaction and engagement; (2) reductions in system peak demand from current levels; and (3) strategic planning for climate adaptation. The Compact participated in D.P.U. 18-50 where it had energy efficiency concerns related to, among other things, the tracking and reporting of peak demand reductions and how and when Eversource counted energy efficiency activities towards PBR targets. Accordingly, the Compact will discuss in its brief in D.P.U. 22-22 its concerns that Eversource's current performance metrics do not account for intervenors' arguments in D.P.U. 18-50.

2. Does this proceeding raise issues regarding the general administration of energy efficiency in Massachusetts? Are other Program Administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.

Yes, the proceeding is the rate case of Eversource Energy (a PA) and National Grid (also a PA) is a participant. See issues raised above. In particular, the tariff revisions apply to all of the utilities as PAs.

3. Does this proceeding raise issues regarding the Compact's administration of active demand response programs/initiatives/measures? If yes, please explain.

The Compact has concerns related to D.P.U. 18-50 on how joint energy efficiency programs could be counted towards Eversource's metrics.

4. Does this proceeding raise issues regarding the general administration of active demand response in Massachusetts? Are other program administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.

Yes, as noted above, Eversource is the petitioner and National Grid is a participant. As above, the Compact has concerns related to D.P.U. 18-50 on how joint EE programs could be counted towards Eversource's metrics.

5. Does this proceeding concern the efficient utilization of energy in Massachusetts? Are other Program Administrators parties or otherwise intervening? Other stakeholders? If yes, please explain.

Yes, the proceeding is Eversource's rate case and also involves, among other things, electrification, cost recovery for AMI, PBR, and some issues related to energy efficiency. PBR by nature concerns the efficient utilization of energy in Massachusetts since it is a program designed to separate kWh from revenue. As noted above, Eversource is the petitioner and National Grid is a participant to the proceeding.

6. Describe the direct energy efficiency benefit resulting from the Compact's participation in this proceeding.

The Compact is concerned in this proceeding about:

- (a) The just administration for low-income customers of an energy efficiency charges tariff. The Compact's customers that pay into the EERF are directly affected by the proposed revisions to this energy efficiency tariff.
- (b) Protecting its own energy efficiency program and also energy efficiency generally with the issues that it raised in D.P.U. 18-50 that are implicated here as Eversource proposes to revise its PBR performance metrics that have as yet to be acted on by the Department in an order. In that case, issues included the tracking and reporting of Eversource's peak demand reductions related to energy efficiency and grid modernization, as well as concerns related to ensuring that any future incentives do not allow for double dipping by Eversource.

7. Is the described benefit quantifiable? If yes, please explain and provide any supporting documentation.

No, while the issues are of significant concern to the Compact, there currently is no way to value the benefits received from the Compact's advocacy. It is possible that impacts on low-income customers regarding the energy efficiency tariff issue may be quantifiable after conclusion of the case, but the Compact is not able to know that presently.

8. Will the Compact's participation assist its planning for future energy efficiency plans and/or programs?

It may depend how the Department rules in this case. The Compact may need to consider bill impacts on low-income customers from the energy efficiency tariff issue; and how the issues related to D.P.U. 18-50 may or may not be addressed by the Department in this case.

9. Is the Compact's participation in this proceeding a reasonable use of energy efficiency ratepayer funds? Please explain.

Yes, it was necessary for the Compact to participate to protect its energy efficiency program and energy efficiency generally and also given the direct impact the outcome would have on the Compact and its customers. For example, it is important that low-income customers be protected from significant bill impacts.

10. Does this proceeding involve other non-energy efficiency issues? If yes, please explain.

Yes, the Compact is also participating with regard to rate design and cost allocation issues.

11. What is the initial estimate of the percentage allocation between energy efficiency and non-energy efficiency issues, as set forth in this worksheet?

Legal services will be billed to the Compact’s operating or energy efficiency budget in accordance with the subject matter of the service. Presently, it is estimated that 15-20% of the legal services provided to the Compact in this proceeding will involve energy efficiency matters.

12. Discuss any other factors as may be appropriate.

It is important for the Compact to be involved in this proceeding because the bill impacts from the revisions of the EES tariff and Eversource’s PBR metric efforts will likely be ongoing for years to come.

13. **To be completed at the conclusion of the proceeding/matter or every 12 months, which ever comes first,** a summary of the actual total costs associated with the Compact’s participation and costs recovered through energy efficiency ratepayer funds and operating funds. A brief narrative should accompany any readjustment to the percentage allocation explaining the basis for the reallocation.

UPDATED May 2023: The Department issued its Order in D.P.U. 22-22 on November 30, 2022. There has been no further action in the docket since the Department’s reconsideration order on January 5, 2023. The total legal costs for the Compact’s participation in this proceeding is \$167,925.91 for 2022 and 2023, with the annual breakdown as follows:

<u>D.P.U. 22-22</u>	<u>Total Legal Costs</u>	<u>Portion of Total Legal Costs Recovered through Energy Efficiency Ratepayer Funds</u>
<u>2022</u>	<u>\$159,603.91</u>	<u>\$4,986.50</u>
<u>2023</u>	<u>\$3,335.50</u>	<u>\$0</u>
<u>Total</u>	<u>\$162,939.41</u>	<u>\$4,986.50</u>

The costs above stemmed from the Compact’s participation on the energy efficiency charges (“EEC”) tariff, which was directly related to the statewide implementation of electric energy efficiency plans and the Compact’s energy efficiency program.¹ In addition to issuing discovery on the EEC tariff, the Compact argued in its initial and reply briefs that Eversource’s proposed EEC Tariff would have significant adverse effects on the rates of low-income customers, and

¹ Costs were not billed towards the concerns related to D.P.U. 18-50. The issue was minimally included in the Compact’s brief, the costs of which were de minimis and included in operating costs.

that the tariff implementation should be delayed until a time when the other EDCs' similar tariffs could take effect simultaneously. The Compact argued that it would be unfair for Eversource's low-income customers to be subject to the revised tariff any sooner than the other EDCs' low-income customers. In addition, moderate income customers could be adversely affected by mitigating the bill impacts by raising the low-income discount. The Department in its Order issued on November 30, 2023, approved the EEC Tariff without delay. The DPU did note that the next rate case should explore mitigation for moderate income customers.

Please attach:

1. Initial Petition
2. Notice of Proceeding
3. Compact's Petition to Intervene
4. Agreements with Expert Consultants, if any

**APPENDIX CLC-2
CAPE LIGHT COMPACT JPE
C&I EXISTING BUILDINGS INCENTIVES**

For the 2022-2024 Three-Year Plan, the Department approved the Compact's C&I enhanced incentive (up to 100% for weatherization, electrification and lighting measures) for municipal, small non-profits, small businesses and micro-businesses. The Department requested that the Compact identify with specificity in its Plan Year Report who qualifies for this enhanced incentive in the C&I Existing Buildings Program. D.P.U. 21-126 at n.167. Below is a detailed description of the customers eligible for the enhanced incentive.

Municipalities: to be eligible the municipality must have (1) an active electric account number in the municipality's name or show proof of ownership, and (2) that account must be within the Cape or Vineyard territory.

Small Non-Profits: to be eligible: (1) the non-profit must own the building or have a long-term lease (typically greater than the measure life of the measures being installed); (2) the non-profit must be a charitable 501(c)(3) organization and have been in operation for at least 5 years on the Cape or Vineyard; (3) the subject active electric accounts must be in the non-profit's name; and (4) the annual electric usage for all accounts on the site must not exceed 100,000 kilowatt-hour ("kWh") in the previous 12 months.

In addition, the non-profit must provide documentation satisfying one of the following categories: (1) unrestricted annual operating revenue of less than \$15 million for an organizational purpose to provide service to the low-income (defined as up to 60% of the state median income) population; (2) unrestricted annual operating revenue of less than \$2 million for an organizational purpose of either (i) promoting and advancing economic development; (ii) social services that are open to all members of the public; or (iii) cultural services that increase access to arts, science, history and heritage.

Small Businesses: to be eligible, the business must use less than 1.5 million kWh annually. These customers often participate in the Compact's program as part of the Main Streets efforts that the Compact holds in Environmental Justice Communities or communities that have had lower participation rates.

Micro-businesses: to be eligible: (1) the business must have occupied its current location for more than 12 months (or 36 months if the business is in a month-to-month lease); (2) the business must have at least 12 months remaining on its current lease (if applicable); (3) the electric accounts at the site must be in the name of the business; (4) the business' annual electric usage for all accounts on the site must not exceed 30,000 kWh in the prior 12 months; (5) other than the lessor/lessee

relationship, the business must be a party unrelated to the owner of the building and the building owner and the micro-business lessee must sign the Compact's program participation application. While some eligible micro-businesses may be building owners, this incentive is specifically designed for micro-business tenants who are unable to make improvements to the building without landlord approval.

**APPENDIX CLC-3
CAPE LIGHT COMPACT JPE
TOWN ACTIVITY REPORTS**

The following are the 2022 Town Activity Reports for the Compact.

Energy Efficiency Program Activity by Town

Town Name: All
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	344,521.05	\$1,772,580.16	155	1,253,041.45	\$2,690,793.35	594	\$0.00	0.00%
A2a - Residential Coordinated Delivery	382,335.00	\$1,127,970.79	650	3,217,152.00	\$8,639,956.55	5,714	\$14,985,111.83	57.66%
A2b - Residential Conservation Services (RCS)	0.00	\$78,756.15	361	0.00	\$1,039,940.77	4,546	\$1,760,000.00	59.09%
A2c - Residential Retail	-72,258.22	\$2,068,453.09	1,751	81,539.37	\$9,845,083.83	8,239	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$348,667.72	294	0.00	\$3,139,857.42	1,752	\$0.00	0.00%
Res Subtotal	654,597.83	\$5,396,427.91	3,211.00	4,551,732.82	\$25,355,631.92	20,845	\$16,745,111.83	
Res % of Total	16.26%	52.59%	79.44%	26.82%	63.72%	86.85%	48.50%	
B1a - Income Eligible Coordinated Delivery	23,828.88	\$2,992,111.63	546	968,863.10	\$8,304,376.22	1,852	\$5,568,945.87	149.12%
IE Subtotal	23,828.88	\$2,992,111.63	546.00	968,863.10	\$8,304,376.22	1,852	\$5,568,945.87	
IE % of Total	0.59%	29.16%	13.51%	5.71%	20.87%	7.72%	16.13%	
C1a - C&I New Buildings & Major Renovations	342,789.08	\$134,746.88	5	628,482.53	\$197,666.08	22	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	94,072.00	\$57,236.50	4	94,072.00	\$93,178.25	10	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	2,069,717.85	\$1,480,425.73	157	5,011,293.61	\$4,289,378.30	585	\$12,213,754.57	35.12%
C2a - C&I Existing Building Retrofit - Municipal	67,415.54	\$83,840.93	9	674,697.52	\$753,965.41	56	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	773,343.88	\$115,702.37	110	5,044,406.57	\$800,077.87	630	\$0.00	0.00%
C&I Subtotal	3,347,338.36	\$1,871,952.41	285.00	11,452,952.23	\$6,134,265.91	1,303	\$12,213,754.57	
C&I % of Total	83.15%	18.24%	7.05%	67.48%	15.41%	5.43%	35.37%	
Total	4,025,765.07	\$10,260,491.95	4,042	16,973,548.15	\$39,794,274.05	24,000	\$34,527,812.27	

*Costs include those costs that has been recorded through this period and are not necessarily representative of all activity through this month

**All information presented is preliminary and subject to change.

Energy Efficiency Program Activity by Town

Cape Light Compact JPE
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Town Name: AQUINNAH
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	0.00	\$0.00	0	3,983.19	\$2,359.50	1	\$0.00	0.00%
A2a - Residential Coordinated Delivery	432.00	\$54.84	1	7,672.00	\$33,980.80	12	\$19,480.65	174.43%
A2b - Residential Conservation Services (RCS)	0.00	\$13.50	1	0.00	\$4,068.50	15	\$2,288.00	177.82%
A2c - Residential Retail	4,195.45	\$400.00	2	-3,527.79	\$39,770.75	21	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$35.00	1	0.00	\$10,843.16	4	\$0.00	0.00%
Res Subtotal	4,627.45	\$503.34	5.00	8,127.40	\$91,022.71	53	\$21,768.65	
Res % of Total	62.85%	15.66%	71.43%	44.37%	61.78%	86.89%	48.50%	
B1a - Income Eligible Coordinated Delivery	152.00	\$210.00	1	-5,564.00	\$46,292.50	2	\$7,239.63	639.43%
IE Subtotal	152.00	\$210.00	1.00	-5,564.00	\$46,292.50	2	\$7,239.63	
IE % of Total	2.06%	6.54%	14.29%	-30.37%	31.42%	3.28%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	0.00	\$0.00	0	0.00	\$0.00	0	\$15,877.88	0.00%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	13,172.52	\$7,514.68	5	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	2,582.72	\$2,500.00	1	2,582.72	\$2,500.00	1	\$0.00	0.00%
C&I Subtotal	2,582.72	\$2,500.00	1.00	15,755.24	\$10,014.68	6	\$15,877.88	
C&I % of Total	35.08%	77.80%	14.29%	86.01%	6.80%	9.84%	35.37%	
Total	7,362.17	\$3,213.34	7	18,318.64	\$147,329.89	61	\$44,886.16	

*Costs include those costs that has been recorded through this period and are not necessarily representative of all activity through this month

**All information presented is preliminary and subject to change.

Energy Efficiency Program Activity by Town

Cape Light Compact JPE

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Town Name: BARNSTABLE
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	9,247.43	\$6,623.97	6	80,967.76	\$45,705.94	54	\$0.00	0.00%
A2a - Residential Coordinated Delivery	36,025.00	\$98,289.61	84	341,377.00	\$808,017.46	803	\$2,914,604.25	27.72%
A2b - Residential Conservation Services (RCS)	0.00	\$8,525.00	37	0.00	\$101,761.60	440	\$342,320.00	29.73%
A2c - Residential Retail	38,617.26	\$156,234.52	226	372,957.12	\$865,832.02	1,212	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$73,788.08	46	0.00	\$475,357.10	276	\$0.00	0.00%
Res Subtotal	83,889.69	\$343,461.18	399.00	795,301.88	\$2,296,674.12	2,785	\$3,256,924.25	
Res % of Total	5.41%	23.49%	80.93%	18.93%	50.66%	85.82%	48.50%	
B1a - Income Eligible Coordinated Delivery	8,661.28	\$281,155.56	39	167,531.47	\$693,507.69	261	\$1,083,159.97	64.03%
IE Subtotal	8,661.28	\$281,155.56	39.00	167,531.47	\$693,507.69	261	\$1,083,159.97	
IE % of Total	0.56%	19.23%	7.91%	3.99%	15.30%	8.04%	16.13%	
C1a - C&I New Buildings & Major Renovations	342,789.08	\$125,746.88	4	557,378.00	\$136,903.46	5	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$51.75	1	0.00	\$1,087.25	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	942,040.32	\$682,775.76	28	1,652,938.03	\$1,225,132.66	84	\$2,375,575.26	51.57%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	29,184.16	\$47,641.67	3	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	173,582.48	\$28,912.00	22	998,963.12	\$132,420.62	106	\$0.00	0.00%
C&I Subtotal	1,458,411.89	\$837,486.39	55.00	3,238,463.31	\$1,543,185.66	199	\$2,375,575.26	
C&I % of Total	94.03%	57.28%	11.16%	77.08%	34.04%	6.13%	35.37%	
Total	1,550,962.86	\$1,462,103.13	493	4,201,296.66	\$4,533,367.47	3,245	\$6,715,659.49	

*Costs include those costs that has been recorded through this period and are not necessarily representative of all activity through this month

**All information presented is preliminary and subject to change.

Energy Efficiency Program Activity by Town

Cape Light Compact JPE
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Town Name: BOURNE
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	20,008.35	\$26,332.00	4	79,155.52	\$128,700.67	24	\$0.00	0.00%
A2a - Residential Coordinated Delivery	13,287.00	\$57,579.96	39	153,119.00	\$345,157.29	387	\$1,273,734.51	27.10%
A2b - Residential Conservation Services (RCS)	0.00	\$3,980.00	18	0.00	\$55,450.15	240	\$149,600.00	37.07%
A2c - Residential Retail	25,915.46	\$132,430.72	126	44,856.07	\$465,346.82	475	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$23,221.59	22	0.00	\$164,483.70	88	\$0.00	0.00%
Res Subtotal	59,210.81	\$243,544.27	209.00	277,130.59	\$1,159,138.63	1,214	\$1,423,334.51	
Res % of Total	23.67%	44.77%	64.11%	22.12%	54.96%	78.73%	48.50%	
B1a - Income Eligible Coordinated Delivery	-7,450.96	\$214,281.80	94	72,252.40	\$526,970.63	223	\$473,360.40	111.33%
IE Subtotal	-7,450.96	\$214,281.80	94.00	72,252.40	\$526,970.63	223	\$473,360.40	
IE % of Total	-2.98%	39.39%	28.83%	5.77%	24.99%	14.46%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	98,209.65	\$69,255.22	11	270,370.04	\$294,178.59	48	\$1,038,169.14	28.34%
C2a - C&I Existing Building Retrofit - Municipal	14,420.80	\$11,906.82	3	45,973.88	\$51,637.32	5	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	85,777.61	\$5,000.00	9	587,000.67	\$77,094.53	52	\$0.00	0.00%
C&I Subtotal	198,408.06	\$86,162.04	23.00	903,344.59	\$422,910.44	105	\$1,038,169.14	
C&I % of Total	79.31%	15.84%	7.06%	72.11%	20.05%	6.81%	35.37%	
Total	250,167.90	\$543,988.11	326	1,252,727.58	\$2,109,019.70	1,542	\$2,934,864.04	

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Town Name: BREWSTER
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	7,165.26	\$975,319.00	3	13,555.70	\$979,521.50	9	\$0.00	0.00%
A2a - Residential Coordinated Delivery	16,725.00	\$52,064.34	35	271,012.00	\$601,069.63	317	\$633,870.23	94.83%
A2b - Residential Conservation Services (RCS)	0.00	\$4,093.83	20	0.00	\$63,293.80	279	\$74,448.00	85.02%
A2c - Residential Retail	-5,810.39	\$124,387.25	92	-10,268.58	\$539,179.73	414	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$19,919.92	17	0.00	\$143,629.66	79	\$0.00	0.00%
Res Subtotal	18,079.87	\$1,175,784.34	167.00	274,299.12	\$2,326,694.32	1,098	\$708,318.23	
Res % of Total	15.09%	92.17%	91.76%	37.57%	84.54%	85.51%	48.50%	
B1a - Income Eligible Coordinated Delivery	-5,118.04	\$56,383.13	5	90,026.56	\$282,015.00	151	\$235,566.41	119.72%
IE Subtotal	-5,118.04	\$56,383.13	5.00	90,026.56	\$282,015.00	151	\$235,566.41	
IE % of Total	-4.27%	4.42%	2.75%	12.33%	10.25%	11.76%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$9,000.00	1	0.00	\$9,000.00	1	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$1,138.50	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	13,554.35	\$16,804.39	2	51,991.57	\$53,115.71	12	\$516,641.82	10.28%
C2a - C&I Existing Building Retrofit - Municipal	9,428.10	\$10,937.30	1	33,266.98	\$44,010.01	3	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	83,837.10	\$6,713.33	6	280,460.98	\$36,143.53	18	\$0.00	0.00%
C&I Subtotal	106,819.56	\$43,455.02	10.00	365,719.53	\$143,407.75	35	\$516,641.82	
C&I % of Total	89.18%	3.41%	5.49%	50.10%	5.21%	2.73%	35.37%	
Total	119,781.38	\$1,275,622.49	182	730,045.21	\$2,752,117.07	1,284	\$1,460,526.46	

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Energy Efficiency Program Activity by Town

Town Name: CHATHAM
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	9,670.53	\$2,054.50	9	73,042.54	\$40,839.93	47	\$0.00	0.00%
A2a - Residential Coordinated Delivery	17,606.00	\$43,516.19	23	137,797.00	\$339,114.65	191	\$395,606.95	85.72%
A2b - Residential Conservation Services (RCS)	0.00	\$2,450.00	11	0.00	\$33,978.63	150	\$46,464.00	73.13%
A2c - Residential Retail	18,373.97	\$48,628.91	62	133,714.54	\$278,730.05	320	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$3,810.38	12	0.00	\$92,081.58	62	\$0.00	0.00%
Res Subtotal	45,650.49	\$100,459.98	117.00	344,554.08	\$784,744.84	770	\$442,070.95	
Res % of Total	48.03%	67.73%	86.03%	53.27%	73.35%	89.64%	48.50%	
B1a - Income Eligible Coordinated Delivery	2,115.00	\$4,054.09	5	10,468.00	\$19,965.17	15	\$147,020.17	13.58%
IE Subtotal	2,115.00	\$4,054.09	5.00	10,468.00	\$19,965.17	15	\$147,020.17	
IE % of Total	2.23%	2.73%	3.68%	1.62%	1.87%	1.75%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	33,156.28	\$40,952.10	8	156,015.56	\$184,956.09	39	\$322,443.12	57.36%
C2a - C&I Existing Building Retrofit - Municipal	2,266.16	\$804.60	1	72,612.87	\$70,288.76	11	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	11,850.85	\$2,060.00	5	63,146.53	\$9,894.34	24	\$0.00	0.00%
C&I Subtotal	47,273.29	\$43,816.70	14.00	291,774.96	\$265,139.19	74	\$322,443.12	
C&I % of Total	49.74%	29.54%	10.29%	45.11%	24.78%	8.61%	35.37%	
Total	95,038.78	\$148,330.77	136	646,797.04	\$1,069,849.20	859	\$911,534.24	

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Town Name: CHILMARK
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	23,964.61	\$14,195.50	4	51,568.48	\$41,073.50	10	\$0.00	0.00%
A2a - Residential Coordinated Delivery	16,983.00	\$45,963.64	8	35,655.00	\$146,207.80	41	\$55,444.91	263.70%
A2b - Residential Conservation Services (RCS)	0.00	\$395.00	3	0.00	\$17,060.00	61	\$6,512.00	261.98%
A2c - Residential Retail	10,044.14	\$15,871.00	17	-16,263.14	\$68,779.75	55	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$70.00	2	0.00	\$16,555.49	10	\$0.00	0.00%
Res Subtotal	50,991.76	\$76,495.14	34.00	70,960.34	\$289,676.54	177	\$61,956.91	
Res % of Total	75.70%	88.97%	89.47%	80.82%	96.77%	97.25%	48.50%	
B1a - Income Eligible Coordinated Delivery	0.00	\$190.00	1	0.00	\$190.00	1	\$20,605.10	0.92%
IE Subtotal	0.00	\$190.00	1.00	0.00	\$190.00	1	\$20,605.10	
IE % of Total	0.00%	0.22%	2.63%	0.00%	0.06%	0.55%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	15,895.52	\$9,211.34	2	15,895.52	\$9,211.34	2	\$45,190.89	20.38%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	477.04	\$80.00	1	940.62	\$280.00	2	\$0.00	0.00%
C&I Subtotal	16,372.56	\$9,291.34	3.00	16,836.14	\$9,491.34	4	\$45,190.89	
C&I % of Total	24.30%	10.81%	7.89%	19.18%	3.17%	2.20%	35.37%	
Total	67,364.32	\$85,976.48	38	87,796.48	\$299,357.88	182	\$127,752.91	

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Energy Efficiency Program Activity by Town

Town Name: DENNIS
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	21,532.10	\$12,493.00	14	65,389.08	\$35,404.00	45	\$0.00	0.00%
A2a - Residential Coordinated Delivery	57,293.00	\$107,069.50	41	339,100.00	\$662,646.80	432	\$915,590.33	72.37%
A2b - Residential Conservation Services (RCS)	0.00	\$5,398.83	24	0.00	\$62,686.46	285	\$107,536.00	58.29%
A2c - Residential Retail	57,340.13	\$66,494.74	144	206,957.17	\$489,236.61	640	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$29,844.39	22	0.00	\$280,292.20	156	\$0.00	0.00%
Res Subtotal	136,165.23	\$221,300.46	245.00	611,446.25	\$1,530,266.07	1,558	\$1,023,126.33	
Res % of Total	37.25%	50.91%	69.01%	44.67%	71.43%	87.63%	48.50%	
B1a - Income Eligible Coordinated Delivery	7,022.00	\$21,267.29	83	61,760.96	\$248,649.45	138	\$340,262.59	73.08%
IE Subtotal	7,022.00	\$21,267.29	83.00	61,760.96	\$248,649.45	138	\$340,262.59	
IE % of Total	1.92%	4.89%	23.38%	4.51%	11.61%	7.76%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$658.25	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	207,846.55	\$186,830.71	22	296,453.20	\$293,145.12	48	\$746,260.40	39.28%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$2,250.00	2	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	14,538.80	\$5,285.00	5	399,260.24	\$67,294.10	31	\$0.00	0.00%
C&I Subtotal	222,385.35	\$192,115.71	27.00	695,713.44	\$363,347.47	82	\$746,260.40	
C&I % of Total	60.83%	44.20%	7.61%	50.82%	16.96%	4.61%	35.37%	
Total	365,572.58	\$434,683.46	355	1,368,920.65	\$2,142,262.99	1,778	\$2,109,649.33	

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Energy Efficiency Program Activity by Town

Town Name: EASTHAM
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	2,108.45	\$2,549.50	2	24,173.47	\$21,305.08	22	\$0.00	0.00%
A2a - Residential Coordinated Delivery	11,075.00	\$38,166.07	27	183,238.00	\$481,750.13	298	\$319,182.88	150.93%
A2b - Residential Conservation Services (RCS)	0.00	\$4,415.00	20	0.00	\$64,785.15	294	\$37,488.00	172.82%
A2c - Residential Retail	28,365.57	\$60,483.50	58	-24,022.69	\$486,716.58	307	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$7,249.41	12	0.00	\$74,259.71	50	\$0.00	0.00%
Res Subtotal	41,549.02	\$112,863.48	119.00	183,388.78	\$1,128,816.65	971	\$356,670.88	
Res % of Total	87.57%	60.69%	95.20%	49.52%	69.88%	94.64%	48.50%	
B1a - Income Eligible Coordinated Delivery	-6,471.04	\$61,807.96	3	2,274.16	\$302,480.27	19	\$118,618.55	255.00%
IE Subtotal	-6,471.04	\$61,807.96	3.00	2,274.16	\$302,480.27	19	\$118,618.55	
IE % of Total	-13.64%	33.24%	2.40%	0.61%	18.72%	1.85%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$362.25	1	0.00	\$8,397.75	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	12,370.49	\$10,919.12	2	89,529.45	\$113,531.54	28	\$260,152.97	43.64%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	0.00	\$0.00	0	95,121.71	\$62,190.50	7	\$0.00	0.00%
C&I Subtotal	12,370.49	\$11,281.37	3.00	184,651.16	\$184,119.79	36	\$260,152.97	
C&I % of Total	26.07%	6.07%	2.40%	49.86%	11.40%	3.51%	35.37%	
Total	47,448.47	\$185,952.81	125	370,314.10	\$1,615,416.71	1,026	\$735,442.40	

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Energy Efficiency Program Activity by Town

Town Name: EDGARTOWN
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	0.00	\$0.00	0	7,516.22	\$5,015.00	2	\$0.00	0.00%
A2a - Residential Coordinated Delivery	14,328.00	\$77,381.57	12	124,565.00	\$422,679.26	97	\$263,737.97	160.26%
A2b - Residential Conservation Services (RCS)	0.00	\$2,145.00	10	0.00	\$35,965.00	142	\$30,976.00	116.11%
A2c - Residential Retail	-10,891.42	\$122,282.00	63	-22,317.38	\$451,943.22	211	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$10,196.62	6	0.00	\$32,189.02	19	\$0.00	0.00%
Res Subtotal	3,436.58	\$212,005.19	91.00	109,763.85	\$947,791.50	471	\$294,713.97	
Res % of Total	10.36%	55.64%	87.50%	42.79%	68.92%	82.63%	48.50%	
B1a - Income Eligible Coordinated Delivery	-10,657.28	\$153,464.70	5	44,833.40	\$383,856.24	73	\$98,013.45	391.64%
IE Subtotal	-10,657.28	\$153,464.70	5.00	44,833.40	\$383,856.24	73	\$98,013.45	
IE % of Total	-32.14%	40.27%	4.81%	17.48%	27.91%	12.81%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$931.50	1	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	16,502.50	\$8,897.60	4	16,502.50	\$9,172.60	5	\$214,962.08	4.27%
C2a - C&I Existing Building Retrofit - Municipal	6,606.60	\$4,954.80	1	19,354.40	\$22,984.16	4	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	17,272.44	\$1,740.00	3	66,093.09	\$10,446.00	16	\$0.00	0.00%
C&I Subtotal	40,381.54	\$15,592.40	8.00	101,949.99	\$43,534.26	26	\$214,962.08	
C&I % of Total	121.77%	4.09%	7.69%	39.74%	3.17%	4.56%	35.37%	
Total	33,160.84	\$381,062.29	104	256,547.24	\$1,375,182.00	570	\$607,689.50	

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Energy Efficiency Program Activity by Town

Cape Light Compact JPE

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Town Name: FALMOUTH
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	52,031.92	\$148,138.31	28	141,807.85	\$222,328.50	87	\$0.00	0.00%
A2a - Residential Coordinated Delivery	32,800.00	\$130,941.60	101	333,501.00	\$889,664.92	803	\$2,033,479.68	43.75%
A2b - Residential Conservation Services (RCS)	0.00	\$11,482.66	53	0.00	\$123,562.12	547	\$238,832.00	51.74%
A2c - Residential Retail	-41,019.44	\$276,573.85	233	-37,326.70	\$1,204,268.23	1,130	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$38,894.99	33	0.00	\$404,222.61	232	\$0.00	0.00%
Res Subtotal	43,812.48	\$606,031.41	448.00	437,982.15	\$2,844,046.38	2,799	\$2,272,311.68	
Res % of Total	23.33%	60.70%	82.50%	29.08%	59.88%	88.02%	48.50%	
B1a - Income Eligible Coordinated Delivery	-16,525.20	\$302,297.51	54	84,603.06	\$1,225,250.89	224	\$755,705.95	162.13%
IE Subtotal	-16,525.20	\$302,297.51	54.00	84,603.06	\$1,225,250.89	224	\$755,705.95	
IE % of Total	-8.80%	30.28%	9.94%	5.62%	25.80%	7.04%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	73,333.28	\$75,140.26	22	474,047.72	\$433,657.20	68	\$1,657,406.50	26.16%
C2a - C&I Existing Building Retrofit - Municipal	3,982.16	\$9,135.80	1	160,314.66	\$187,005.17	9	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	83,222.20	\$5,726.00	18	348,948.84	\$59,748.58	80	\$0.00	0.00%
C&I Subtotal	160,537.64	\$90,002.06	41.00	983,311.21	\$680,410.95	157	\$1,657,406.50	
C&I % of Total	85.47%	9.02%	7.55%	65.30%	14.33%	4.94%	35.37%	
Total	187,824.92	\$998,330.98	543	1,505,896.42	\$4,749,708.22	3,180	\$4,685,424.13	

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Town Name: HARWICH
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	10,056.85	\$17,261.50	8	70,341.38	\$142,120.49	40	\$0.00	0.00%
A2a - Residential Coordinated Delivery	9,735.00	\$54,181.75	37	189,193.00	\$493,986.33	332	\$789,715.39	62.55%
A2b - Residential Conservation Services (RCS)	0.00	\$5,695.00	26	0.00	\$51,241.46	221	\$92,752.00	55.25%
A2c - Residential Retail	29,986.00	\$74,578.26	97	77,196.73	\$445,858.47	464	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$10,034.41	18	0.00	\$232,271.61	133	\$0.00	0.00%
Res Subtotal	49,777.85	\$161,750.92	186.00	336,731.10	\$1,365,478.36	1,190	\$882,467.39	
Res % of Total	51.48%	44.52%	68.89%	50.90%	77.00%	87.89%	48.50%	
B1a - Income Eligible Coordinated Delivery	34,845.76	\$186,209.12	76	66,859.53	\$285,621.73	115	\$293,483.45	97.32%
IE Subtotal	34,845.76	\$186,209.12	76.00	66,859.53	\$285,621.73	115	\$293,483.45	
IE % of Total	36.04%	51.25%	28.15%	10.11%	16.11%	8.49%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	5,569.88	\$14,193.78	3	68,936.60	\$77,605.37	19	\$643,664.87	12.06%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$1,097.48	1	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	6,496.28	\$1,162.00	5	189,084.34	\$43,620.92	29	\$0.00	0.00%
C&I Subtotal	12,066.16	\$15,355.78	8.00	258,020.94	\$122,323.77	49	\$643,664.87	
C&I % of Total	12.48%	4.23%	2.96%	39.00%	6.90%	3.62%	35.37%	
Total	96,689.77	\$363,315.82	270	661,611.57	\$1,773,423.86	1,354	\$1,819,615.71	

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Town Name: MASHPEE
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	42,334.76	\$28,503.33	25	123,468.58	\$72,339.17	95	\$0.00	0.00%
A2a - Residential Coordinated Delivery	58,792.00	\$41,366.42	66	188,320.00	\$197,156.44	282	\$903,602.24	21.82%
A2b - Residential Conservation Services (RCS)	0.00	\$2,900.00	13	0.00	\$28,688.31	124	\$106,128.00	27.03%
A2c - Residential Retail	8,411.25	\$70,246.25	80	85,760.07	\$306,284.24	380	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$23,947.22	20	0.00	\$199,676.92	113	\$0.00	0.00%
Res Subtotal	109,538.00	\$166,963.22	204.00	397,548.64	\$804,145.08	994	\$1,009,730.24	
Res % of Total	61.40%	56.70%	61.63%	31.96%	47.70%	79.39%	48.50%	
B1a - Income Eligible Coordinated Delivery	1,872.32	\$100,522.44	118	85,509.08	\$420,246.39	169	\$335,807.44	125.15%
IE Subtotal	1,872.32	\$100,522.44	118.00	85,509.08	\$420,246.39	169	\$335,807.44	
IE % of Total	1.05%	34.13%	35.65%	6.88%	24.93%	13.50%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$3,232.25	2	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$8,465.75	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	33,320.82	\$21,056.87	6	293,167.59	\$374,631.73	44	\$736,489.40	50.87%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	16,000.00	\$25,458.50	1	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	33,661.84	\$5,950.00	3	451,532.47	\$49,488.56	41	\$0.00	0.00%
C&I Subtotal	66,982.66	\$27,006.87	9.00	760,700.06	\$461,276.79	89	\$736,489.40	
C&I % of Total	37.55%	9.17%	2.72%	61.16%	27.36%	7.11%	35.37%	
Total	178,392.99	\$294,492.53	331	1,243,757.78	\$1,685,668.26	1,252	\$2,082,027.08	

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Town Name: OAK BLUFFS
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	3,494.54	\$8,883.99	3	46,955.33	\$63,782.99	15	\$0.00	0.00%
A2a - Residential Coordinated Delivery	13,166.00	\$30,546.08	5	91,179.00	\$373,220.88	121	\$292,209.68	127.72%
A2b - Residential Conservation Services (RCS)	0.00	\$1,795.00	8	0.00	\$48,690.00	195	\$34,320.00	141.87%
A2c - Residential Retail	2,833.99	\$60,412.00	30	-100,438.46	\$353,155.95	131	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$9,955.37	3	0.00	\$53,829.48	23	\$0.00	0.00%
Res Subtotal	19,494.53	\$111,592.44	49.00	37,695.87	\$892,679.30	485	\$326,529.68	
Res % of Total	5.75%	29.80%	76.56%	8.08%	59.40%	92.03%	48.50%	
B1a - Income Eligible Coordinated Delivery	-2,862.04	\$80,459.79	4	35,588.75	\$418,810.74	21	\$108,594.44	385.66%
IE Subtotal	-2,862.04	\$80,459.79	4.00	35,588.75	\$418,810.74	21	\$108,594.44	
IE % of Total	-0.84%	21.49%	6.25%	7.63%	27.87%	3.98%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	291,782.74	\$152,831.74	10	291,782.74	\$153,063.74	10	\$238,168.21	64.27%
C2a - C&I Existing Building Retrofit - Municipal	30,711.72	\$29,601.61	1	30,711.72	\$31,351.61	2	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	0.00	\$0.00	0	70,699.78	\$6,798.00	9	\$0.00	0.00%
C&I Subtotal	322,494.46	\$182,433.35	11.00	393,194.24	\$191,213.35	21	\$238,168.21	
C&I % of Total	95.10%	48.72%	17.19%	84.29%	12.72%	3.98%	35.37%	
Total	339,126.95	\$374,485.58	64	466,478.86	\$1,502,703.39	527	\$673,292.34	

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Town Name: ORLEANS
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	8,098.85	\$7,338.91	5	18,483.97	\$22,252.91	17	\$0.00	0.00%
A2a - Residential Coordinated Delivery	18,979.00	\$47,873.55	24	115,186.00	\$394,407.59	197	\$379,123.33	104.03%
A2b - Residential Conservation Services (RCS)	0.00	\$4,055.00	19	0.00	\$46,805.48	213	\$44,528.00	105.11%
A2c - Residential Retail	-41,520.95	\$116,249.13	73	-90,638.95	\$428,903.13	275	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$2,773.62	5	0.00	\$92,696.59	44	\$0.00	0.00%
Res Subtotal	-14,443.10	\$178,290.21	126.00	43,031.03	\$985,065.70	746	\$423,651.33	
Res % of Total	-129.88%	90.41%	92.65%	9.88%	76.44%	80.13%	48.50%	
B1a - Income Eligible Coordinated Delivery	2,201.00	\$8,970.64	2	48,971.72	\$136,878.32	114	\$140,894.33	97.15%
IE Subtotal	2,201.00	\$8,970.64	2.00	48,971.72	\$136,878.32	114	\$140,894.33	
IE % of Total	19.79%	4.55%	1.47%	11.24%	10.62%	12.24%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$1,190.25	1	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	8,349.82	\$7,724.27	6	172,410.42	\$133,068.65	33	\$309,007.99	43.06%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	39,131.76	\$12,296.36	2	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	15,012.46	\$2,210.68	2	132,115.39	\$20,135.38	35	\$0.00	0.00%
C&I Subtotal	23,362.28	\$9,934.95	8.00	343,657.57	\$166,690.64	71	\$309,007.99	
C&I % of Total	210.09%	5.04%	5.88%	78.88%	12.94%	7.63%	35.37%	
Total	11,120.18	\$197,195.80	136	435,660.32	\$1,288,634.66	931	\$873,553.65	

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Energy Efficiency Program Activity by Town

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Town Name: PROVNC TOWN
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	21,673.93	\$20,814.50	8	44,669.30	\$72,367.50	19	\$0.00	0.00%
A2a - Residential Coordinated Delivery	0.00	\$0.00	0	36,191.00	\$107,492.37	82	\$190,310.92	56.48%
A2b - Residential Conservation Services (RCS)	0.00	\$1,645.00	7	0.00	\$25,190.50	118	\$22,352.00	112.70%
A2c - Residential Retail	-48,728.62	\$80,431.00	45	-250,564.66	\$526,819.62	250	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$6,124.98	4	0.00	\$30,367.20	18	\$0.00	0.00%
Res Subtotal	-27,054.69	\$109,015.48	64.00	-169,704.36	\$762,237.19	487	\$212,662.92	
Res % of Total	-14.70%	33.91%	84.21%	-42.36%	41.11%	82.54%	48.50%	
B1a - Income Eligible Coordinated Delivery	-3,019.72	\$125,385.36	4	-53,411.99	\$761,673.26	32	\$70,725.61	1076.94%
IE Subtotal	-3,019.72	\$125,385.36	4.00	-53,411.99	\$761,673.26	32	\$70,725.61	
IE % of Total	-1.64%	39.00%	5.26%	-13.33%	41.08%	5.42%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$2,966.25	1	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	210,254.32	\$86,912.41	6	403,080.23	\$247,381.37	44	\$155,114.68	159.48%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	3,918.21	\$216.00	2	220,693.90	\$79,750.67	26	\$0.00	0.00%
C&I Subtotal	214,172.53	\$87,128.41	8.00	623,774.13	\$330,098.29	71	\$155,114.68	
C&I % of Total	116.34%	27.10%	10.53%	155.69%	17.80%	12.03%	35.37%	
Total	184,098.12	\$321,529.25	76	400,657.78	\$1,854,008.74	590	\$438,503.22	

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Town Name: SANDWICH
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	9,505.97	\$6,812.00	4	31,315.03	\$36,498.50	21	\$0.00	0.00%
A2a - Residential Coordinated Delivery	28,261.00	\$66,718.87	41	188,869.00	\$588,816.27	428	\$1,333,674.95	44.15%
A2b - Residential Conservation Services (RCS)	0.00	\$5,845.00	26	0.00	\$73,316.63	313	\$156,640.00	46.81%
A2c - Residential Retail	-48,218.05	\$201,704.46	135	-126,292.47	\$937,137.21	656	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$35,046.08	19	0.00	\$345,342.30	166	\$0.00	0.00%
Res Subtotal	-10,451.09	\$316,126.41	225.00	93,891.55	\$1,981,110.91	1,584	\$1,490,314.95	
Res % of Total	-7.27%	28.27%	88.58%	11.01%	54.70%	89.64%	48.50%	
B1a - Income Eligible Coordinated Delivery	5,570.24	\$716,781.87	10	148,341.32	\$1,321,661.44	116	\$495,636.18	266.66%
IE Subtotal	5,570.24	\$716,781.87	10.00	148,341.32	\$1,321,661.44	116	\$495,636.18	
IE % of Total	3.88%	64.11%	3.94%	17.40%	36.49%	6.56%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	71,104.54	\$42,070.87	8	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	94,072.00	\$56,822.50	2	94,072.00	\$56,822.50	2	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	16,995.88	\$14,258.89	5	48,585.22	\$44,057.49	17	\$1,087,024.16	4.05%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	135,340.00	\$141,250.00	2	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	37,485.19	\$14,080.00	12	261,318.29	\$34,988.56	38	\$0.00	0.00%
C&I Subtotal	148,553.07	\$85,161.39	19.00	610,420.05	\$319,189.42	67	\$1,087,024.16	
C&I % of Total	103.40%	7.62%	7.48%	71.59%	8.81%	3.79%	35.37%	
Total	143,672.22	\$1,118,069.67	254	852,652.92	\$3,621,961.77	1,767	\$3,072,975.29	

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Town Name: TISBURY
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	76,162.31	\$458,418.04	21	136,978.32	\$541,970.69	35	\$0.00	0.00%
A2a - Residential Coordinated Delivery	0.00	\$26,298.78	5	33,939.00	\$197,594.48	75	\$254,746.90	77.57%
A2b - Residential Conservation Services (RCS)	0.00	\$1,995.00	10	0.00	\$36,223.50	142	\$29,920.00	121.07%
A2c - Residential Retail	-39,284.03	\$67,724.25	32	-81,492.21	\$281,042.19	140	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$150.00	1	0.00	\$29,290.94	13	\$0.00	0.00%
Res Subtotal	36,878.27	\$554,586.07	69.00	89,425.11	\$1,086,121.80	405	\$284,666.90	
Res % of Total	95.03%	71.94%	86.25%	44.98%	76.12%	91.42%	48.50%	
B1a - Income Eligible Coordinated Delivery	-19,862.44	\$198,541.47	4	-4,847.16	\$300,970.86	9	\$94,672.08	317.91%
IE Subtotal	-19,862.44	\$198,541.47	4.00	-4,847.16	\$300,970.86	9	\$94,672.08	
IE % of Total	-51.18%	25.75%	5.00%	-2.44%	21.09%	2.03%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$3,636.75	2	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	16,166.22	\$17,416.38	3	16,166.22	\$17,691.38	4	\$207,633.83	8.52%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	4,193.49	\$7,291.05	1	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	5,626.77	\$410.00	4	93,859.32	\$11,168.00	22	\$0.00	0.00%
C&I Subtotal	21,792.99	\$17,826.38	7.00	114,219.03	\$39,787.18	29	\$207,633.83	
C&I % of Total	56.15%	2.31%	8.75%	57.46%	2.79%	6.55%	35.37%	
Total	38,808.82	\$770,953.92	80	198,796.98	\$1,426,879.84	443	\$586,972.81	

*Costs include those costs that has been recorded through this period and are not necessarily representative of all activity through this month

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Town Name: TRURO
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	1,067.29	\$1,171.50	1	14,720.14	\$23,216.04	7	\$0.00	0.00%
A2a - Residential Coordinated Delivery	3,813.00	\$47,115.86	26	91,354.00	\$386,180.13	142	\$128,871.96	299.66%
A2b - Residential Conservation Services (RCS)	0.00	\$1,520.00	7	0.00	\$35,334.00	170	\$15,136.00	233.44%
A2c - Residential Retail	-4,512.03	\$42,902.75	29	-82,411.19	\$346,530.74	164	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$4,870.65	4	0.00	\$25,694.96	15	\$0.00	0.00%
Res Subtotal	368.26	\$97,580.76	67.00	23,662.95	\$816,955.87	498	\$144,007.96	
Res % of Total	-30.34%	53.21%	89.33%	25.32%	83.01%	94.68%	48.50%	
B1a - Income Eligible Coordinated Delivery	-133.00	\$65,818.01	4	2,938.00	\$83,498.77	8	\$47,892.93	174.34%
IE Subtotal	-133.00	\$65,818.01	4.00	2,938.00	\$83,498.77	8	\$47,892.93	
IE % of Total	10.96%	35.89%	5.33%	3.14%	8.48%	1.52%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	8,525.00	\$6,684.67	2	45,506.60	\$64,452.06	10	\$105,038.29	61.36%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	-9,973.99	\$13,315.00	2	21,330.14	\$19,294.00	10	\$0.00	0.00%
C&I Subtotal	-1,448.99	\$19,999.67	4.00	66,836.74	\$83,746.06	20	\$105,038.29	
C&I % of Total	119.38%	10.91%	5.33%	71.53%	8.51%	3.80%	35.37%	
Total	-1,213.73	\$183,398.44	75	93,437.68	\$984,200.70	526	\$296,939.19	

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Energy Efficiency Program Activity by Town

Town Name: WELLFLEET
 Program Period: 2022
 Current Dates: 12/1/2022 - 12/31/2022
 Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	7,722.41	\$6,673.00	3	45,105.42	\$71,982.00	13	\$0.00	0.00%
A2a - Residential Coordinated Delivery	4,156.00	\$38,053.82	20	98,942.00	\$348,079.62	171	\$176,824.32	196.85%
A2b - Residential Conservation Services (RCS)	0.00	\$5,242.33	23	0.00	\$53,461.16	236	\$20,768.00	257.42%
A2c - Residential Retail	-71,442.05	\$136,815.75	45	-181,208.57	\$541,527.75	229	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$9,252.13	9	0.00	\$72,890.84	38	\$0.00	0.00%
Res Subtotal	-59,563.64	\$196,037.03	100.00	-37,161.15	\$1,087,941.37	687	\$197,592.32	
Res % of Total	169.89%	60.77%	90.09%	-37.43%	76.28%	93.72%	48.50%	
B1a - Income Eligible Coordinated Delivery	-4,550.96	\$79,025.56	5	-10,405.20	\$228,065.39	17	\$65,713.56	347.06%
IE Subtotal	-4,550.96	\$79,025.56	5.00	-10,405.20	\$228,065.39	17	\$65,713.56	
IE % of Total	12.98%	24.50%	4.50%	-10.48%	15.99%	2.32%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	29,055.37	\$30,882.25	4	100,813.15	\$84,730.40	16	\$144,122.30	58.79%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$16,500.00	1	0.00	\$16,500.00	1	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	0.00	\$132.00	1	46,029.76	\$8,956.00	12	\$0.00	0.00%
C&I Subtotal	29,055.37	\$47,514.25	6.00	146,842.91	\$110,186.40	29	\$144,122.30	
C&I % of Total	-82.88%	14.73%	5.41%	147.91%	7.73%	3.96%	35.37%	
Total	-35,059.23	\$322,576.84	111	99,276.56	\$1,426,193.16	733	\$407,428.18	

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Town Name: WEST TISBURY
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	17,616.70	\$27,932.11	6	74,022.94	\$81,734.61	17	\$0.00	0.00%
A2a - Residential Coordinated Delivery	5,131.00	\$55,376.26	6	43,479.00	\$218,384.03	71	\$176,824.32	123.50%
A2b - Residential Conservation Services (RCS)	0.00	\$1,510.00	7	0.00	\$26,085.00	108	\$20,768.00	125.60%
A2c - Residential Retail	-27,139.52	\$74,593.58	20	-44,229.86	\$291,156.44	103	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$220.00	3	0.00	\$25,209.09	18	\$0.00	0.00%
Res Subtotal	-4,391.82	\$159,631.95	42.00	73,272.08	\$642,569.17	317	\$197,592.32	
Res % of Total	-17.02%	45.07%	91.30%	38.50%	66.78%	94.63%	48.50%	
B1a - Income Eligible Coordinated Delivery	30,195.00	\$194,529.20	4	37,461.00	\$241,610.36	14	\$65,713.56	367.67%
IE Subtotal	30,195.00	\$194,529.20	4.00	37,461.00	\$241,610.36	14	\$65,713.56	
IE % of Total	117.02%	54.93%	8.70%	19.69%	25.11%	4.18%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	0.00	\$0.00	0	0.00	\$0.00	0	\$144,122.30	0.00%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	75,441.08	\$77,263.64	1	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	0.00	\$0.00	0	4,127.75	\$735.00	3	\$0.00	0.00%
C&I Subtotal	0.00	\$0.00	0.00	79,568.83	\$77,998.64	4	\$144,122.30	
C&I % of Total	0.00%	0.00%	0.00%	41.81%	8.11%	1.19%	35.37%	
Total	25,803.18	\$354,161.15	46	190,301.91	\$962,178.17	335	\$407,428.18	

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Town Name: YARMOUTH
Program Period: 2022
Current Dates: 12/1/2022 - 12/31/2022
Cumulative Dates: 1/1/2022 - 12/31/2022

Program Initiative	Current Period			Cumulative Period				
	Annual kWh Savings	Actual Expenditures	Participants	Annual kWh Savings	Actual Expenditures	Participants	Budget	Actual % of Budget
A1a - Residential New Homes & Renovations	1,058.80	\$1,065.50	1	105,821.25	\$40,274.83	14	\$0.00	0.00%
A2a - Residential Coordinated Delivery	23,748.00	\$69,412.08	49	213,464.00	\$604,349.67	432	\$1,534,475.45	39.38%
A2b - Residential Conservation Services (RCS)	0.00	\$3,655.00	18	0.00	\$52,293.32	253	\$180,224.00	29.02%
A2c - Residential Retail	42,225.07	\$139,009.17	142	231,100.33	\$496,864.33	662	\$0.00	0.00%
A2d - Residential Behavior	0.00	\$0.00	0	0.00	\$0.00	0	\$0.00	0.00%
A3i - Residential HEAT Loan	0.00	\$39,262.88	35	0.00	\$338,673.26	195	\$0.00	0.00%
Res Subtotal	67,031.88	\$252,404.63	245.00	550,385.58	\$1,532,455.41	1,556	\$1,714,699.45	
Res % of Total	20.97%	57.23%	84.48%	29.09%	61.92%	85.73%	48.50%	
B1a - Income Eligible Coordinated Delivery	7,844.96	\$140,756.13	25	83,672.04	\$376,161.12	130	\$570,260.06	65.96%
IE Subtotal	7,844.96	\$140,756.13	25.00	83,672.04	\$376,161.12	130	\$570,260.06	
IE % of Total	2.45%	31.91%	8.62%	4.42%	15.20%	7.16%	16.13%	
C1a - C&I New Buildings & Major Renovations	0.00	\$0.00	0	0.00	\$701.00	2	\$0.00	0.00%
C1a - C&I New Buildings & Major Renovations – Municipal	0.00	\$0.00	0	0.00	\$13,642.00	2	\$0.00	0.00%
C2a - C&I Existing Building Retrofit	36,788.86	\$27,677.97	11	547,101.23	\$476,595.26	54	\$1,250,688.47	38.11%
C2a - C&I Existing Building Retrofit - Municipal	0.00	\$0.00	0	0.00	\$8,125.00	3	\$0.00	0.00%
C2b - C&I New & Replacement Equipment	207,975.88	\$20,210.36	9	711,096.92	\$67,130.58	68	\$0.00	0.00%
C&I Subtotal	244,764.74	\$47,888.33	20.00	1,258,198.15	\$566,193.84	129	\$1,250,688.47	
C&I % of Total	76.57%	10.86%	6.90%	66.49%	22.88%	7.11%	35.37%	
Total	319,641.57	\$441,049.09	290	1,892,255.77	\$2,474,810.37	1,815	\$3,535,647.98	

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APPENDIX CLC-4 CAPE LIGHT COMPACT JPE ENERGY EDUCATION OUTREACH ACTIVITIES

The Compact is committed to energy education outreach across the Cape and Vineyard. The Compact continues to support community efforts to develop a deeper and broader knowledge of energy efficiency technology and practices, moving towards an energy-literate society.

In 2022, the Compact returned to offering in-person, hands-on education training to educators. Partnering with the Program Administrators and its vendor National Energy Education Development Project (“NEED”), the Compact hosted the 2022 Massachusetts Energy Conference for Educators in Hyannis. Over 150 educators from across Massachusetts attended the three-day training which focused on energy efficiency and the science of energy.⁷

Additionally, the Compact held an Energy Carnival for over 400 students at the Dennis-Yarmouth Mattacheese Middle School.

The Compact provided energy education materials to support its Cape and Vineyard teachers as follows:

- 200 Energy House kits for students
- 4 Hydro kits for teachers
- 125 Solar Panel kits for students

⁷ See, <https://www.capelightcompact.org/parentteacherresources/>