2023 Plan Update to Connecticut's 2022-2024 Conservation & Load Management Plan

Connecticut's Energy Efficiency & Demand Management Plan

Connecticut General Statutes—16-245m(d)

Submitted by: Eversource Energy, United Illuminating, Connecticut Natural Gas Corporation, and Southern Connecticut Gas

Filed: March 1, 2023

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EXECUTIVE SUMMARY

Pursuant to Connecticut General Statutes § 16-245(m) and § 16-32(f), Connecticut's Electric and Natural Gas Companies[1] are proud to deliver this 2023 Plan Update to the 2022-2024 Conservation & Load Management Plan and 2022 budget reconciliation filing (hereinafter, the 2023 Plan Update), to the Connecticut Department of Energy and Environmental Protection (DEEP).

On November 1, 2021, pursuant to Conn. Gen. Stat. § 16-245m, the Companies, in consultation with the Energy Efficiency Board (EEB), developed and submitted to DEEP the 2022-2024 Conservation & Load Management Plan (2022-2024 Plan or Plan).[2] As part of DEEP's review of the 2022-2024 Plan, the agency submitted Requests for Information to the Companies soliciting additional information, held technical meetings, and requested public input through several Public Input Sessions and a round of public comments on DEEP's Draft Determination.[3] On June 1, 2022, DEEP issued its Final Determination[4] which included Conditions of Approval, Updates to Connecticut's Conservation & Load Management Cost-Effectiveness Testing, Summarized Public Comments to DEEP's Technical Hearings, Draft Weatherization Standard, and Summarized Public Comments to DEEP's Draft Determination.

The 2022-2024 Plan was designed as a living document to be modified throughout the 2022-2024 term via annual Plan updates and budget reconciliation filings. This 2023 Plan Update is the first of two Plan updates[5] and reports on program modifications and changes to budgets and goals made in response to DEEP's Final Determination and Conditions of Approval, new legislation, code standards, and state policies. The Companies will also file two more budget reconciliation filings during the 2022-2024 term.[6] These annual filings allow the Companies to report year-end actual budgets spent, goals achieved for the prior program year, make adjustments accordingly to the current

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1 The Electric Companies are The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) and The United Illuminating Company (United Illuminating). The Natural Gas Companies are the Connecticut Natural Gas Corporation (CNG), Southern Connecticut Gas (SCG), and Yankee Gas Services Company doing business as Eversource. For the purposes of this Plan Update, any reference to both the Electric and Natural Gas Companies will be (collectively, the Companies). If a program or policy is designed for only the Electric Companies or Natural Gas Companies and/or individual utilities, the Plan Update text will explicitly state the responsible party.

2 2022-2024 Conservation & Load Management Plan, the 2022-2024 Plan was refiled on March 1, 2022.

3 DEEP Draft Determination: Approval With Conditions of the 2022-2024 Plan, April 12, 2022.

4 DEEP Final Determination: Approval with Conditions of the 2022-2024 Plan, Attachment A: Schedule of Conditions of Approval, Attachment B: Updates to Connecticut Conservation & Load Management Effectiveness Testing, Attachment C: Summarized Public Comments Regarding the 2022-2024 Plan, Attachment D: Draft Weatherization Standard, and Attachment E: Summarized Public Comments Regarding DEEP's Draft Determination, June 1, 2022.

5 The 2024 Plan Update will be filed on November 1, 2023.

6 A 2021 budget reconciliation filing was submitted on March 1, 2022 (for the 2021 Program Year). This document was the budget reconciliation filing for the 2021 Program Year and included 2021 year-end actual budgets spent, goals achieved in 2021, and made adjustments to the 2022 program year's budgets and savings. This is the 2022 budget reconciliating filing for the 2022 Program Year and includes 2022 year-end actual budgets spent, goals achieved in 2022, and adjustment to the 2023 program year's budgets and savings. One additional budget reconciliation filing will be filed on March 1, 2024 (for the 2023 Program Year).

program year's budgets and savings, as well as make program modifications in response to DEEP compliance orders, legislation, and feedback from contractors, regulators, and other stakeholders.

The Companies worked collaboratively with the Energy Efficiency Board (EEB), EEB Technical Consultants, regulators, and stakeholders to develop the 2023 Plan Update's budgets and program modifications. The EEB and DEEP held two Public Input Sessions where contractors, municipal officials, regulators, and other stakeholders were able to voice their suggestions for modifications, improvements, new initiatives, and qualifying energy-efficient technologies.[7] Throughout the year, the EEB and the Companies solicit feedback through annual Public Input Sessions, as well as invite public comments at the EEB's monthly committee and board meetings, which also informed the development of the 2023 Plan Update.

2022-2024 Savings and Benefits

The 2022-2024 Plan is a $728.3 million investment in making Connecticut more energy efficient. Connecticut's energy efficiency and demand management programs drive energy savings, reduce greenhouse gas emissions and other air pollutants,[8] train and employ a highly skilled and local clean energy workforce, and strengthen the state's economy by increasing energy affordability and improving business productivity. Connecticut's energy efficiency and demand management initiatives provide significant economic and environmental benefits to the state's residents and businesses.

For the 2022-2024 term, the Companies' energy-saving initiatives will generate $2.32 into Connecticut's economy for every $1 invested in energy efficiency and provide an economic lifetime benefit of $1.7 billion dollars. These benefits are reinvested into the state's economy and workforce through direct and indirect services, training initiatives, and professional development. In Connecticut, energy efficiency programs create and support 34,106 jobs annually.[9] In addition to these quantifiable benefits, installed measures improve the efficiency of industrial and commercial operations and several initiatives provide and support customized strategic energy management and sustainable business practices to commercial and industrial (C&I) and municipal customers. During the 2022-2024 term, the energy efficiency and demand reduction measures installed will result in emission reductions of 4.5 million tons of carbon dioxide and further reductions in other air pollutants, such as sulfur oxides and nitrous oxides.

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7 For more information and stakeholder comments (verbal and written) from the two Public Input Sessions, please see Appendix B.

8 The primary greenhouse gas reduced by energy efficiency and demand management programs is carbon dioxide (CO_2). Other air pollutants that are reduced due to the implementation of the 2022-2024 Plan's programs include nitrous oxides (NOx) and sulfur oxides (SOx).The Companies track the resulting reductions of CO_2, NOx, and SOx and these numbers are reported in various figures and tables throughout this Plan Update document.

9 Source: BW Research, on behalf of the Joint Committee of the Energy Efficiency Board and the Connecticut Green Bank Board of Directors, Draft 2022 Connecticut Clean Industry Energy Report, draft rel. February 16, 2023. This report reflects 2021 data. Clean energy investment supports 43,028 Connecticut jobs in HVAC, electrical, manufacturing, insulation, weatherization and solar industries. This includes 34,106 energy efficiency jobs.

In addition, Connecticut initiatives will result in:

- Electric lifetime savings of 4.6 billion kilowatt-hours (kWh),
- Natural gas lifetime savings of 18.4 billion cubic feet of natural gas (Bcf),
- Oil lifetime savings of 85.6 million gallons,
- Propane lifetime savings of 19.0 million gallons, and
- A combined annual peak demand reduction (active and passive) of 407 Megawatts (MW).

The figure below details the annual operating budgets and lifetime and annual energy savings forecast for the 2022, 2023, and 2024 program years.

2022-2024 Savings & Benefits*

Year	*Budgets ($000)*			Annual Savings							Lifetime Savings	
	Electric	*Natural Gas*	*Total*	Electric (GWh) *	Peak (MW) **	Natural Gas (MMcf)	Oil (gallons)	Propane (gallons)	Annual Savings Million (MMBtus) ***	Carbon Dioxide Emissions (tons)	Lifetime Benefit ($000)	Lifetime Savings (MMBtus) ***
2022	$199,845	$44,878	$244,723	197	135	382	1,548,671	294,364	1.3	126,510	$598,196	16.8
2023	$188,826	$54,782	$243,608	165	133	426	1,413,720	341,362	1.2	116,907	$546,413	15.6
2024	$184,898	$55,042	$239,941	153	139	450	1,575,625	394,920	1.2	116,741	$546,712	15.8
Total	**$573,569**	**$154,702**	**$728,271**	**515**	**407**	**1,258**	**4,538,016**	**1,030,647**	**3.8**	**360,158**	**$1,691,321**	**48.2**

**Abbreviation for Gigawatt hours.*

***Savings include demand response programs.*

****In millions of MMBtu (one million British Thermal Units). Figures listed are site MMBtus and address only the energy saved at the meter level.*

2022-2024
Energy Efficiency and Demand Management Initiatives will:

Benefit the economy

Programs generate $2.32 into Connecticut's economy for every $1 invested in energy efficiency and provide an economic lifetime benefit of $1.7 Billion

Support jobs

In Connecticut, energy efficiency programs create and support 34,106 jobs annually*

Generate energy savings

- Electric lifetime savings of 4.6 billion kilowatt-hours (kWh)
- Natural gas lifetime savings of 18.4 billion cubic feet of natural gas (Bcf)
- Oil lifetime savings of 85.6 million gallons
- Propane lifetime savings of 19.0 million gallons
- Combined annual peak demand reduction (active and passive) of 407 Megawatts (MW)

Reduce carbon emissions

Energy efficiency and demand reduction measures installed will result in emission reductions of 4.5 million tons of carbon dioxide and further reductions in other air pollutants, such as sulfur oxides and nitrous oxides

References

*Source: BW Research, on behalf of the Joint Committee of the Energy Efficiency Board and the Connecticut Green Bank Board of Directors, *2022 Connecticut Clean Industry Energy Report*, rel. March 2023. The report reflects 2021 data.

SECTION ONE: OVERVIEW

1.1 Legislative History

For a complete legislative history regarding Connecticut's energy efficiency and demand management programs, please refer to the 2022-2024 Plan.[10] In 1998, the Connecticut Energy Efficiency Fund (Fund) was established by the Connecticut General Assembly's passage of *Public Act 98-28—An Act Concerning Electric Restructuring*. Public Act 98-28 also established the Energy Conservation Management Board (known today as the EEB) to advise Connecticut's Electric Companies in developing their annual energy efficiency and load management plans. In 2005, the Connecticut General Assembly passed *Public Act 05-01—An Act Concerning Electricity and Energy Efficiency*. This legislation created a funding mechanism for the Natural Gas Companies to develop and implement cost-effective programs that reduce natural gas consumption for residential and C&I customers. Under Public Act 05-01, the EEB's role was expanded to provide guidance for the Electric and Natural Gas Companies in their development of energy efficiency programs for electric and natural gas customers.

The 2023 program year covers year 24 of electric conservation programs since the passage of Connecticut's electric restructuring act (Public Act 98-28)[11] and covers year 17 of natural gas conservation programs since energy independence legislation (Public Act 05-01) was passed.[12]

1.1.A MMBtu Savings

In 2018, the Connecticut General Assembly passed *Public Act 18-50—An Act Concerning Connecticut's Energy Future*.[13] Public Act 18-50 also revised the state's general statutes, specifically § 16-245, adding "demand management" to the Companies' legislatively directed program mandates,[14] required the Companies to be fuel blind in the delivery of energy efficiency programs, and requires the Companies to meet set MMBtu (one million British thermal units) goals.[15] The figure below details the planned MMBtu savings for the 2022-2024 term.

The Companies exceeded the mandated goal energy reductions by delivering 1.9 million MMBtus for both the 2020 and 2021 program years.[16] The Connecticut General Assembly initially established these MMBtu goals when lighting savings (electric) from the Residential Retail Products program were significantly high. As the market transformed to

10 2022-2024 Conservation & Load Management Plan, pp. 20-22.
11 Public Act 98-28, *An Act Concerning Electric Restructuring*, April 28, 1998.
12 Public Act 05-01, *An Act Concerning Electricity and Energy Efficiency,* July 21, 2005.
13 Public Act 18-50, *An Act Concerning Connecticut's Energy Future*, approved May 24, 2018. Also known as Senate Bill 9 (SB 9).
14 Public Act 18-50, § 9(d)(1). "…of implementing "cost effective energy conservation programs, demand management and market transformation initiatives." This directive started in 2020.
15 Public Act 18-50, § 9(d)(1). "…provided a customer of an electric distribution company may not be denied such services based on the fuel such customer uses to heat such customer's home."
16 Figures listed are site MMBtus and address only the energy saved at the meter level.

light-emitting diode (LED) technology, the Companies have seen a substantial reduction in claimable electric savings and have had to adjust their MMBtu goals accordingly. Therefore, the Companies will need to braid other energy efficiency measure funding sources to reach their legislative MMBtu goals in the 2022-2024 term. This includes leveraging funding from private and public entities, including the Department of Energy's (DOE) Weatherization Assistance Program (WAP). Based on the current average MMBtu's savings per dollar funding, the Companies estimate an additional $65M to $75M in annually funding would be needed to achieve the 1.6M annual MMBtu savings goal. The Companies will continue to work with the EEB, EEB Technical Consultants, and DEEP to identify and secure additional funding sources. The Companies will also work to promote federal tax credits to customers.

2022-2024 Plan Million MMBtu Savings (Annual)*

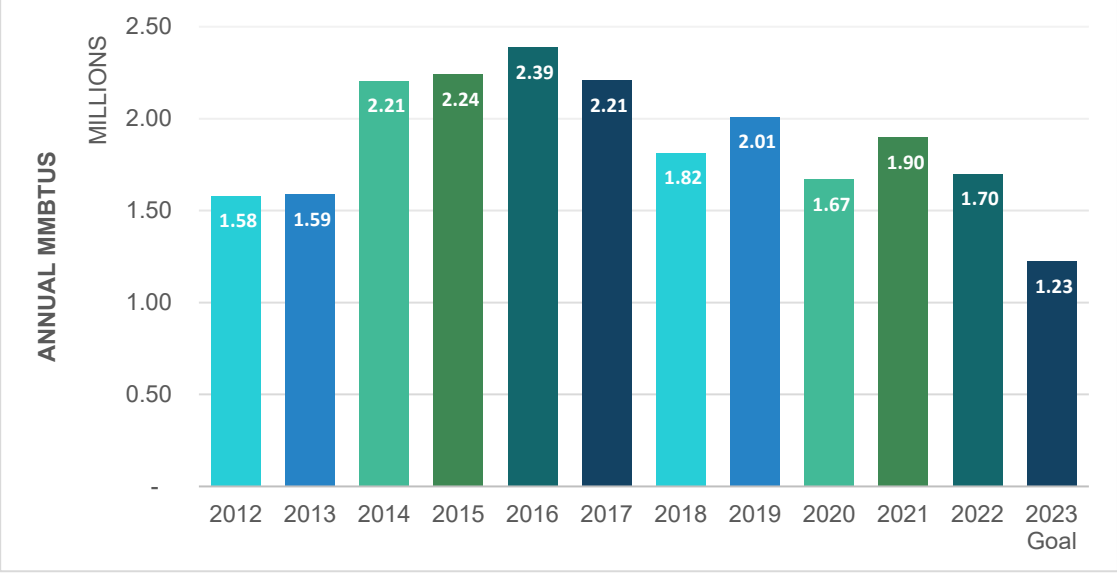
Year	2022	2023	2024
Legislative Goal	1.6	1.6	1.6
Companies' Goal	1.3	1.2	1.2

**In millions of MMBtus.*

1.2 Energy Savings

The Companies have a proven record of developing and administering energy efficiency and demand management programs generating sustainable annual and lifetime energy savings for Connecticut's residents and businesses. Since 2000 (2000 to 2022), the Electric Companies' energy-saving programs have achieved 7,147 annual gigawatt-hour (GWh) and 82,583 lifetime GWh savings. The Natural Gas Companies have helped customers realize 7,371 annual MMcf and 113,658 lifetime MMcf savings.

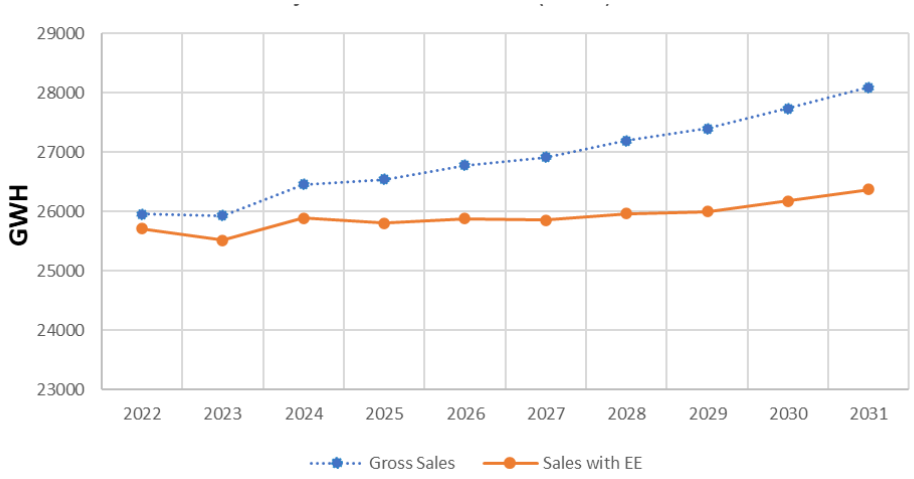
Annual Energy Savings in MMBtus (2012-2023)



1.2.A Electric Savings

For the 2022-2024 term, the Companies expect to achieve 515 annual GWh savings and 1,258 MMcf annual savings, which is enough to power approximately 83,000 homes for one year. The figure below depicts the projected electric savings (in GWh) resulting from the Companies' energy efficiency and demand management programs and how energy efficiency is a valuable resource for the state to decrease electricity consumption in Connecticut. The *Gross Sales* data (blue dotted line) details the forecasted electric consumption unchecked by the projected impacts of energy efficiency efforts in Connecticut. The *Sales with Energy Efficiency* data (orange line) reflect the projected impacts to electricity consumption due to Connecticut's energy efficiency programs. The difference between the lines is the savings due to energy efficiency.

Projected Electric Savings (GWh) 2022 – 2031[17]



The figures below provide a summary of the projected annual and lifetime savings from the Electric Companies' energy efficiency programs in the 2022-2024 term and the percentage of electric sales.

Electric Companies—Summary of Annual Savings and Percentage of Sales*

Companies	2022			2023			2024			2022-2024		
	GWh Sales	Annual Savings (GWhs)	% of Sales	GWh Sales	Annual Savings (GWhs)	% of Sales	GWh Sales	Annual Savings (GWhs)	% of Sales	GWh Sales	Annual Savings (GWhs)	% of Sales
Eversource Electric	20,212	158.8	0.79%	20,174	124.1	0.62%	20,234	117.2	0.58%	60,620	400.1	0.66%
United Illuminating	4,727	38.6	0.82%	4,797	41.2	0.85%	4,866	35.4	0.73%	14,390	115.2	0.80%
Total	**24,939**	**197.4**	**0.79%**	**24,971**	**165.3**	**0.66%**	**25,100**	**152.6**	**0.61%**	**75,010**	**515.3**	**0.69%**

** Totals may vary due to rounding.*

[17] The source of this data is the Companies' 2022 Connecticut Siting Council Forecast.

Electric Companies—Summary of Lifetime Savings*

Sector	2022		2023		2024		2022-2024		
	Eversource Lifetime Savings (GWhs)	United Illuminating Lifetime Savings (GWhs)	Eversource Lifetime Savings (GWhs)	United Illuminating Lifetime Savings (GWhs)	Eversource Lifetime Savings (GWhs)	United Illuminating Lifetime Savings (GWhs)	Eversource Lifetime Savings (GWhs)	United Illuminating Savings (GWhs)	Total Lifetime Savings (GWhs)
Residential	359.2	65.6	201.8	56.4	146.9	60.8	707.9	182.8	890.7
C&I	1,072.2	286.4	897.1	311.9	872.8	260.4	2,842.1	858.7	3,700.8
Total	**1,431.4**	**352.0**	**1,098.9**	**368.2**	**1,019.7**	**321.2**	**3,550.0**	**1,041.4**	**4,591.4**

** Totals may vary due to rounding.*

1.2.B Natural Gas Savings

The figures below detail the projected annual and lifetime savings from the Natural Gas Companies' energy efficiency programs and percentage of natural gas sales.

Natural Gas Companies—Summary of Annual Savings and Percentage of Sales*

Companies	2022			2023			2024			2022-2024		
	MMcf Sales	Annual Savings (MMcf)	% of Sales	MMcf Sales	Annual Savings (MMcf)	% of Sales	MMcf Sales	Annual Savings (MMcf)	% of Sales	MMcf Sales	Annual Savings (MMcf)	% of Sales
Eversource Gas	53,155	152.9	0.29%	53,866	225.3	0.47%	55,342	238.6	0.43%	162,363	616.8	0.38%
Connecticut Natural Gas	37,235	124.1	0.33%	35,568	90.9	0.26%	36,463	110.7	0.30%	109,266	325.7	0.30%
Southern Connecticut Gas	33,067	104.9	0.32%	33,501	109.3	0.33%	33,733	100.7	0.30%	100,301	314.9	0.31%
Total	**123,457**	**381.9**	**0.31%**	**122,935**	**425.5**	**0.35%**	**125,538**	**450.0**	**0.36%**	**371,930**	**1,257.4**	**0.34%**

** Totals may vary due to rounding.*

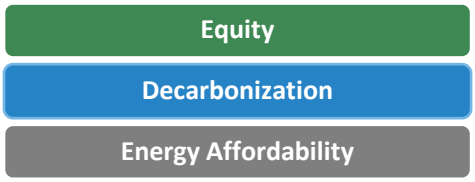
Natural Gas Companies—Summary of Lifetime Savings

Sector	2022 Lifetime Savings (MMcf)	2023 Lifetime Savings (MMcf)	2024 Lifetime Savings (MMcf)	2022-2024 Lifetime Savings (MMcf)
Residential	3,791.0	3,817.9	3,495.9	11,104.8
C&I	2,034.6	2,379.7	2,848.2	7,262.5
Total	**5,825.6**	**6,197.6**	**6,344.1**	**18,367.3**

** Totals may vary due to rounding.*

1.3 Plan Priorities

The 2022-2024 Plan's climate-forward framework is structured around three priorities:



To develop the 2023 Plan Update, the Companies worked collaboratively with the EEB, EEB Technical Consultants, regulators, and stakeholders to advance the 2022-2024 Plan's priorities during the 2023 and 2024 program years. In the figure on the next page, the Companies have highlighted how they plan to address these three priorities across the Residential, C&I, and Education, Workforce & Community Outreach Portfolios.

2022-2024 Plan Priorities

Residential	Commercial & Industrial	Education, Workforce Development & Community Outreach
Equity		
• Use DEEP's Energy Efficiency Equity baseline (E3b) to identify areas of the state with lower participation and to inform new targeted customer outreach efforts. • Continue to analyze customer data and target customers in distressed municipalities/environmental justice communities and market sectors with untapped potential. • Market to customers in non-English languages to increase audience engagement. • Partner with a local supplier diversity organization to reach more diverse suppliers and new entrants. • Work with EEB's diversity, equity and inclusion (DEI) consultant to help modify and refocus programs with an equity lens.	• Continue to analyze customer data and target customers in distressed municipalities, environmental justice communities, and market sectors with untapped potential. • Market to customers in non-English languages to increase audience engagement. • Partner with a local supplier diversity organization to reach more diverse suppliers and new entrants. • Work with EEB's DEI consultant to help modify and refocus programs with an equity lens.	• Use Community Partnership Initiative to reach customers in distressed municipalities and environmental justice and non-English speaking communities. • Ensure 60 percent of the *Energize CT Energy in Action* mobile exhibit's school tours and community events are in distressed municipalities and environmental justice communities. • Implement proactive Workforce Development Strategy focusing on growing workforce and recruiting/training workers from underrepresented communities, such as ethnic and racial minorities, and women. • Include extra weighting for certified minority/women/veteran-owned businesses when evaluating/scoring competitive vendor proposals.
Decarbonization		
• Educate consumers on benefits of heat pump technologies and develop contractor locator tool to direct customers to qualified installers. • Promote existing homes' weatherization efforts through Home Energy Solutions (HES)/HES-Income Eligible programs. • Promote all-electric and sustainable building practices (e.g., Zero Energy Homes, Leadership in Energy and Environmental Design, and Passive House) to new construction market actors. • Expand demand response offerings to support fuel and carbon neutrality, including smart thermostats, air conditioning load control, battery storage, and electric vehicle chargers. • Maintain Qualified Products List (QPL) to standardize efficiency and qualifying criteria for heat pump technologies in Northeast.	• Promote all-electric and sustainable building practices (e.g., Net Zero Energy Buildings). • Enhance weatherization efforts and use building energy management control strategies for commercial and municipal buildings. • Educate contractors and customers on heat pump technologies and benefits. • Expand demand response offerings to support fuel and carbon neutrality, including smart thermostats, air conditioner load control, lighting/dimming, battery storage, industrial load shifting, and electric vehicle chargers. • Claim savings for delivered fuels (oil and propane) resulting from the installation of energy efficiency measures.	• Leverage manufacturer and distributor education and training efforts to promote heat pump technologies. • Encourage contractors to attend and complete manufacturer-led heat pump trainings to broaden base of qualified installers. • Coach contractors to recognize prime opportunities such as replacement of end-of-life air conditioning systems with heat pumps. • Increase the number of Building Professional Institute qualified weatherization contractors to serve both the residential and commercial markets. • Partner with local workforce development training partners to increase the number of weatherization specialists in the Connecticut workforce.
Energy Affordability		
• Leverage funding from Low-Income Heating Energy Assistance Program (LIHEAP), *American Rescue Plan Act*, DOE's WAP and the *Inflation Reduction Act* to address weatherization health and safety barriers and impact more low-income customers. • Increase stocking/sale of efficient equipment at retailers. • Enhance and deploy web-based resources to educate customers about low-carbon technologies, high-efficiency products, and active demand response (ADR) offerings. • Continue to offer virtual pre-assessments through HES/HES-Income Eligible programs to support installation of measures. • Use Census Tract Tool to streamline customer outreach efforts for contractors. • Determine the role and impact on budgets to hire an Add-On Measure coordinator to develop a network of contractors across the state to support the installation of energy efficiency and ADR measures for the HES-Income Eligible program.	• Enhance promotion of existing loan products, such as CPACE, and increase financing options to C&I customers to support long-term investments that provide immediate energy savings with little/no upfront capital costs. • Offer virtual, pre-assessments through the Small Business Energy Advantage program to support the installation of energy efficiency and active demand reduction measures. • Conduct additional education and outreach to businesses to increase participation in energy efficiency and active demand response across market segments and customer classes. • Increase small business participation in weatherization measures, including targeting businesses in converted residences.	• Provide energy efficiency seminars to schools and community-based organizations to help educate students and educators on various careers/paths in energy efficiency available to students. • Target residential and small business customers in distressed municipalities, environmental justice, and non-English speaking communities through community and direct outreach campaigns.

Priority 1: Equity

The Companies prioritized equity for the 2022-2024 Plan to ensure that the benefits of energy efficiency are spread equitably across the state, communities, neighborhoods, market segments, and customer types (e.g., residential, income-eligible, small business) they serve. For the 2023 and 2024 program years, the Companies will work with the EEB's diversity, equity and inclusion (DEI) consultant to help modify and refocus programs with an equity lens.

The Companies will also continue to conduct targeted outreach to customers, particularly those in distressed municipalities[18] and environmental justice[19] and non-English speaking communities. This outreach will continue to be primarily conducted through the Community Partnership Initiative. The Companies also continue to make progress on their workforce deliverables outlined in the 2022-2024 Plan and have added a goal of partnering with a local supplier diversity organization to reach more diverse suppliers and new entrants. In addition, the Companies will create an online platform for new recruits to apply for employment opportunities in energy efficiency. This will expand equity in the workforce.

Throughout 2022, the Companies continuously modified their program offerings and made efforts to streamline access and qualification, especially for low-income residential customers. The Companies continue to develop tools to help contractors identify customers and communities throughout the state who are deemed "income eligible" through US census tract data. In 2023, the Companies will continue to build on these efforts to reach more customers.

For the 2023 and 2024 program years, the Companies will continue to focus on reaching all C&I market segments. To determine targeted quartiles and sectors to reach their C&I equity metrics, the Companies analyze participation rates, fund contributions received, energy usage, annual kWh savings, and lifetime kWh savings. The equity metric helps the Companies focus on reaching customers and market segments with historically lower participation rates to ensure equity across the entire C&I customer base. In 2023, the Companies will continue to focus on reaching all C&I market segments.

[18] For the purposes of the 2022-2024 Plan and 2023 Plan Update, the Companies define "distressed municipalities" in alignment with the Connecticut Department of Economic and Community Development's (DECD) definition of "distressed municipalities." According to Conn. Gen. Stat. § 32-9p: "a distressed municipality should be based on high unemployment and poverty, aging housing stock and low or declining rates of growth in job creation, population, and per capita income." The DECD's list of the 25 distressed municipalities is updated annually by DECD and is available online.

[19] Per Conn. Gen. Stat § 22a-20a, "environmental justice communities" are defined as a municipality on the DECD list of distressed municipalities (See footnote 10 above) or in a defined US census block. These defined census blocks are in municipalities that are not "distressed;" however, they have census block groups with 30 percent of their population living below 200 percent of the federal poverty level. A current list of these census blocks is available on the DEEP website.

Priority 2: Decarbonization

Energy efficiency and demand management programs are key tools to help protect the environment through the reduction of carbon dioxide and other greenhouse gas emissions, such as nitrous oxides, sulfur oxides, and hydrochlorofluorocarbons (from refrigerants). Efforts during the 2022-2024 term will help transition the state to a zero-carbon economy.[20] In 2023, the Companies will increase the number of Building Professional Institute (BPI) qualified weatherization contractors to serve both the residential and commercial markets. The Companies are partnering with local workforce development training partners to increase the number of weatherization specialists in the Connecticut workforce.

In 2023, the Companies will remain focused on promoting decarbonization efforts that include high-efficiency, low-carbon space and water heating technologies, such as heat pumps and heat pump water heaters. On January 1, 2023, the Companies transitioned the residential Heat Pump pilot to a full-fledged program. While the pilot was for oil and propane customers, the offering has now transitioned to an open market program through a downstream rebate that will include conversions of electric resistance heating. In addition, the Companies have increased efforts to build out the Heat Pump Contractor Network and to provide additional customer support services.

Additional decarbonization and fuel neutrality strategies include an increase in promoting Zero Net Energy, Zero Net Energy Ready, and Passive House certifications for commercial, multifamily, and residential new construction projects. On July 1, 2023, the Residential New Construction program will transition to an all-electric offering. Additionally, the Companies also plan to heavily promote weatherization (e.g., insulation and air sealing measures) to Small Business Energy Advantage program participants and will provide training and support to contractors. The Companies will also expand the Residential Portfolio's Early Retirement Initiative (removing and recycling old, inefficient refrigerators and freezers) to the C&I Portfolio. For C&I customers, this expansion will allow equipment recycling for commercial kitchen equipment.

The Companies will continue to promote the co-delivery of energy efficiency and demand management programs that support decarbonization and carbon neutrality, including smart thermostats, electric vehicle chargers, and battery storage. Additionally, several of the Public Utility Regulatory Authority's (PURA) grid modernization efforts were launched on January 1, 2022 (electric vehicle chargers and battery storage).[21] In 2023, the Companies will

[20] In 2008, the Connecticut General Assembly passed Public Act 08-98—*An Act Concerning Global Warming Solutions* (Global Warming Solutions Act). The Global Warming Solutions Act requires the state to reduce greenhouse gas emissions to 10 percent below 1990 levels by January 2020 and to reduce greenhouse gas emissions to 80 percent below 2001 levels by January 2050.

[21] PURA, Interim Decision, Docket No. 17-12-03: PURA Investigation into Distribution System Planning of the Electric Distribution Companies, Oct. 2, 2019, available online. This interim decision outlined PURA's framework for investigating methods for realizing an equitable modern electric grid in Connecticut, including energy storage.

continue to promote grid modernization programs to energy efficiency program participants to deliver holistic clean energy solutions.

Priority 3: Energy Affordability

Energy affordability is the third priority for the 2022-2024 term. According to the American Council for an Energy-Efficient Economy (ACEEE), a household's or business's energy burden—the percentage of household or business income spent on energy bills—provides an indication of energy affordability. [22] Connecticut's energy efficiency programs offer a long-term solution to high energy burdens and can help households and businesses reduce their energy usage through insulation, heating and cooling system upgrades, and energy-efficient appliances. These measures can help lower energy bills and improve building health, comfort, and safety.

Efficiency programs targeting low-income households are well suited to addressing high energy burdens. These programs are tailored to the needs of low-income communities and typically provide weatherization and efficiency upgrades at no cost to participants. Households with a six percent energy burden or higher are defined as households with high energy burdens. For the Residential Portfolio, the Companies will remain focused on reducing the energy burdens of low and moderate-income households who pay a disproportionate share of their household income toward energy bills. "Low income" is defined as a household whose income is at or below 60 percent State Median Income and "moderate income" is defined in Connecticut as a household whose income is at or below 80 percent of the State Median Income and above 60 percent.[23] In accordance with DEEP's findings and recommendations in the Equity Energy Efficiency (E3) proceeding, the Companies will continue to monitor moderate-income participation and are prepared to adjust program outreach and incentives accordingly.[24]

The Companies recognize that many customers need more information, guidance, or resources to help them identify the next steps and to better understand the importance of making these improvements and learning about new technologies. In 2023, the Companies will implement several activities to engage customers including determining the role and impact on budgets to hire an Add-On Measure coordinator for the HES-Income Eligible program to build out a statewide contractor network for add-on measures and support installation of energy efficiency and active demand response measures. Additional information regarding these activities is detailed in Section Two.

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22 ACEEE, *Topic Brief: Understanding Energy Affordability*, rel. Sep 2, 2019.

23 See 2022-2024 Plan, pp. 42-48 (Residential Portfolio) and pp. 106-107 (C&I Portfolio) for more discussions regarding energy affordability for Connecticut residents and businesses. "Low income" is defined as a household whose income is at or below 60 percent State Median Income and "moderate income" is defined in Connecticut as a household whose income is at or below 80 percent of the State Median Income and above 60 percent.

24 The Companies will update their definition of "moderate-income customers" in accordance with DEEP's findings and recommendations in the E3 proceeding.

These activities will be combined with increased promotion of the Residential Portfolio's financial offerings and coordination with the Connecticut Green Bank. The Companies will look to offer increased C&I financing options in 2023; thus, allowing business customers to make long-term energy efficiency investments providing immediate benefits with little to no upfront capital costs. The Companies will also continue to offer increased financial assistance to customers to incentivize them to make long-term, strategic energy efficiency choices.

The Companies will look to increase energy affordability for C&I customers, particularly small businesses and microbusinesses by conducting more education and outreach to businesses to increase participation in energy efficiency and active demand response programs across market segments and customer classes. In addition, the Companies will continue to conduct the Microbusiness Initiative to make it easier for small business customers to participate in energy efficiency and adopt comprehensive measures.

1.4 Funding Sources

For the 2022-2024 term, the primary funding sources for Connecticut's energy efficiency programs will be:

(1) A six-mill Conservation Adjustment Mechanism (CAM) on customer electric bills,[25] and

(2) Contributions from natural gas customers (on firm rates) through the natural gas CAM.

Additional funding sources for the 2022-2024 term include the Regional Greenhouse Gas Initiative (RGGI), a Northeast carbon trade system and the Independent System Operator-New England's (ISO-NE) Forward Capacity Market (FCM). The figures below summarize the statewide funding for the 2022-2024 Plan's electric and natural gas energy efficiency programs. Note: In 2022, DEEP provided the Companies with an additional $3.5M grant for excess funds they received from the RGGI auctions ($2.5M to SCG and $1.0M to Eversource).

In addition to the above-referenced funding sources, the Companies, the EEB, EEB Technical Consultants, and DEEP are working on an action plan to secure additional funding sources and tax credits that are expected to be available on January 1, 2023. These will be federally funded through the *American Resource Plan Act of 2021* (ARPA),[26] *Infrastructure Investment and Jobs Act,*[27] and the *Inflation Reduction Act of 2022*[28] and dispersed to the states. This braiding of other energy efficiency measure funding sources will help the Companies reach their legislative MMBtu goals in the 2022-2024 term. This includes leveraging funding from private and public entities, including WAP. Based on the current average MMBtu's savings per dollar funding, the Companies estimate an additional $65M to $75M in

[25] Similar to a millage rate tax structure on property, the CAM charge is a 0.6 cent per kilowatt-hour charge to support energy efficiency programs.
[26] "Text - H.R.1319 - 117th Congress (2021-2022): American Rescue Plan Act of 2021." *Congress.gov*, Library of Congress, Mar. 11, 2021.
[27] "Text - H.R.3684 - 117th Congress (2021-2022): Infrastructure Investment and Jobs Act." *Congress.gov*, Library of Congress, Nov. 15, 2021.
[28] "Text - H.R.5376 - 117th Congress (2021-2022): Inflation Reduction Act of 2022." *Congress.gov*, Library of Congress, Aug. 16, 2022.

annually funding would be needed to achieve the 1.6M annual MMBtu savings goal. The Companies will continue to work with the EEB, EEB Technical Consultants, and DEEP to identify and secure additional funding sources. The Companies will also work to promote federal tax credits to customers.

Electric Program Funding Sources*

Funding Sources	2023 Eversource Electric Revenues	2023 UI Revenues	2023 Combined Total	2024 Eversource Electric Revenues	2024 UI Revenues	2024 Combined Total	2025 Eversource Electric Revenues	2025 UI Revenues	2025 Combined Total
ISO-NE FCM	$16.3	$3.2	$19.5	$12.8	$2.7	$15.5	$12.5	$2.7	$15.2
RGGI	$22.8	$6.8	$29.6	$23.3	$7.0	$30.3	$23.9	$7.1	$31.0
CAM (Net of Gross Receipts Tax)**	$109.3	$30.4	$139.7	$112.1	$27.0	$139.1	$111.8	$27.2	$139.0
TOTAL (Energy Efficiency Revenues)	**$148.4**	**$40.4**	**$188.8**	**$148.2**	**$36.7**	**$184.9**	**$148.2**	**$37.0**	**$185.2**

**In millions. Totals may vary due to rounding.*

*** 2022 CAM includes carryover/carry-under.*

Natural Gas Program Funding Sources*

Natural Gas Energy Efficiency Revenues	2023 Conservation Adjustment Mechanism	2024 Conservation Adjustment Mechanism	2025 Conservation Adjustment Mechanism
Eversource Natural Gas Revenues	$23.4	$24.3	$24.4
CNG Revenues	$13.8	$15.9	$16.1
SCG Revenues	$17.5	$14.8	$14.9
TOTAL (Energy Efficiency Revenues)	**$54.7**	**$55.0**	**$55.4**

**In millions. Totals may vary due to rounding.*

1.5 Performance Management Incentives

The Companies earn an annual pay-for-performance management incentive for managing Connecticut's energy efficiency and demand management programs and budgets. A performance management incentive is tied to program specific-oriented metrics, including, but not limited to energy savings and net economic benefits. Per the Final DEEP Determination, the Companies will earn performance management incentive earnings using a sliding scale based on a percentage of Company spending (2.5 percent to 7 percent) corresponding with the level of performance (75 percent to 135 percent) dependent on if goals and/or targets are met or exceeded.

SECTION TWO: PORTFOLIO CHANGES

The Companies developed the 2023 Plan Update's program modifications and enhancements in collaboration with the EEB, the EEB Technical Consultants, and DEEP. The 2023 Plan Update covers year two of the 2022-2024 Plan. These energy efficiency and demand management programs and initiatives are designed to help residential and C&I customers reduce their energy costs, save energy, and decrease greenhouse gas emissions, as well as support the three key priorities for the upcoming term—equity, decarbonization, and energy affordability. The structure for the 2023 Plan Update is detailed below:

- **Section Two.** Describes the program modifications and enhancements for the Companies' 2023 Residential, C&I, and Education, Workforce Development & Outreach Portfolios.
- **Section Three.** Details the Companies' benefit-cost screening tests and any changes/modifications made.
- **Section Four.** Describes the third-party evaluation recommendations issued in 2021 and through June 30, 2022, and how the Companies plan to integrate the recommendations in the 2023 Plan Update's program offerings.
- **Appendices A, B, and C.** Appendix A provides a summary of the 2023 Statewide Marketing Plan. Appendix B provides the Public Input Comments regarding the 2023 Plan Update and includes responses from the Companies and the EEB. Appendix C is a summary of DEEP's Condition of Approval orders for the 2022-2024 Plan.
- **Appendix D.** Provides Budgets and Savings Summaries for the 2023, 2024, and 2024 program years based on the latest revenue forecasts and program modifications described in this 2023 Plan Update.

The Companies request approval from DEEP to implement the changes referenced in Sections Two, Three, and Four for the 2023 program year, as well as the budgets and savings tables detailed in Appendix D.

2.1 Cross Sector Changes

2.1.A Advancing Decarbonization

DEEP's Condition of Approval No. 11 requires the Companies to research and look for additional opportunities to advance decarbonization efforts in the Residential and C&I Portfolios. In 2022, the Companies submitted a proposal to DEEP outlining changes to incentives to promote low-carbon, high-efficiency heating, ventilation, and air conditioning (HVAC) and water heating equipment and systems. These proposed changes have been incorporated into the budget and savings tables in this 2023 Plan Update. The proposal was developed to ensure that the 2022-2024 Plan will be in alignment with DEEP's 2022 Comprehensive Energy Strategy (2022 CES) which is still being drafted. Once the 2022 CES is finalized, the Companies will make all efforts to:

1. **Provide clear and unambiguous support for decarbonization and fuel neutrality.**

The Companies must use consistent baselines across all fuel types to determine incentives to meet this goal. Currently, the Companies' baselines change depending on the type of HVAC system a customer is planning to install. This results in inconsistent customer incentives and may not accurately reflect the savings associated with their adoption of low-carbon HVAC and water heating equipment. These instances occur because electrically heated projects use electric baselines while natural gas heated projects use fossil fuel baselines (e.g., Path 2: Lower Energy Use Intensity of the Energy Conscious Blueprint program). Establishing a consistent and fair baseline for all fuels will better reflect the savings impact the programs have on decarbonization and make decarbonization projects more financially viable for customers, especially those who heat with fossil fuels. This move to fuel neutrality will also allow the Companies to claim and report greenhouse gas emission reductions more accurately, reflecting what is occurring in the marketplace.

2. **Support decarbonization and fuel neutrality to allow the Companies to engage with HVAC system selections**.

Currently, when the Companies offer a comparison of their support for a project with one system type versus another it is very difficult due to inconsistent baselines. Promoting fuel neutrality will help customers to better understand the true picture of cost and savings for their replacement of new HVAC and water heating equipment.

3. **Claim savings and support decarbonization efforts to partially offset declining new construction savings due to code change and new standard practice baselines**.

This change would help maintain the viability of the Companies' new construction programs. In addition, the change would help pivot the programs to a greater focus on decarbonization and fuel neutrality. Two third-party evaluations[29] are forthcoming that will examine the Companies' standard practice baselines and also explore what projects and measures customers would implement with support from the Companies' programs.

2.1.B Heat Pumps

On August 1, 2022, the Companies transitioned the Heat Pump pilot to a full-fledged program for the Residential Portfolio. The pilot was for oil and propane customers but has transitioned to an open market program, through a downstream rebate process incorporating conversions of electric resistance heating. In 2023, the Companies will increase their efforts for building out the Heat Pump Contractor Network and to provide customer support services. For C&I customers, the Companies will work with their Massachusetts counterparts to develop and/or modify a tool which will allow contractors to estimate savings and costs. The Companies will offer additional training for contractors to sell and install heat pumps and controls and for architects/engineers to design and specify heat pump applications.

[29] See R1968 RNC baseline study for the Residential Portfolio and C1902 ECB baseline study for the C&I Portfolio.

The Companies are realigning the costs and incentives for heat pumps for the 2023 Plan Update, as well as for other programs and measures.

The Companies recognize that many customers need more information, guidance, or resources to help them identify the next steps and to better understand the importance of making these improvements and learning new technologies. In late 2022 and in 2023, per DEEP's Condition of Approval No. 2, the Companies will implement several activities to engage residential customers and drive higher participation in deeper energy efficiency measures, especially decarbonization measures. These activities will involve major shifts in the Companies' go-to-market strategies for residential and C&I customers. The Companies will:

1. **Provide virtual no-cost heat pump consultations.**

The Companies have contracted with a third-party resource to provide heat pump consultations. These consultations will help customers understand how heat pumps work, what rebates/incentives are offered, guidance on the best solution for the customer, how to work with contractors, and how to review/compare quotes.

2. **Develop and manage a Heat Pump Installer Network and provide contractor heat pump trainings.**

The Companies have developed a Heat Pump Installer Network. Through this network, participating heat pump installers have access to sales tools including customer brochures, continued learning and training resources (including the eLearning Center), and rebates and financing information.

3. **Engage with customers who have completed their initial visit (HES or HES-Income Eligible program).**

This digital concierge service will include email direct outreach and videos designed to help customers navigate their next steps to implement deeper energy efficiency measures. Those customers who received an insulation recommendation will receive an additional email with an insulation-focused video to help them through the rebate process.

4. **Develop and manage an insulation contractor network.**

In 2022, the Companies issued a Request for Proposal for an implementer to train contractors regarding insulation best practices and to manage a Qualified Insulation Contractor Network. Customers will need to use an insulation contractor who has gone through the training and is part of the Qualified Insulation Contractor Network to receive a rebate for their insulation work. Training of current insulation contractor field staff will primarily be conducted in 2023.

5. **Redesign the HES-Income Eligible program's add-on projects to improve the customer experience and increase the number of comprehensive projects completed.**

In 2022, the Companies initiated a collaborative process to gather information from program staff, EEB Technical Consultants, and HES-Income Eligible Contractors to inform decisions and program design. On July 12, 2022, the

Companies hosted an HES-Income Eligible Contractor Roundtable discussion to gather information for future design aspects of hiring an Add-On Coordinator (Coordinator).

The Companies are actively gathering data and fielding thoughts around contracting with a Coordinator who would develop a statewide contractor network for add-ons, perform quality control tasks for add-on proposals, and potentially manage HES-Income Eligible add-on projects after the initial visit. This Coordinator would interface with HES-Income Eligible customers and add-on measure contractors. In addition, the Coordinator could provide a review of the customer's recommendations, and braid funding sources for health and safety barrier remediation, federal WAP cost sharing, and other energy efficiency measure funding sources into the project.

The Companies plan to bring these efforts to market at scale to ensure that these additional services will be beneficial to customers' experiences and will help deliver on the Companies' 2022-2024 Plan commitments.

2.1.C HVAC and Water Heating Equipment

In DEEP's Condition of Approval No. 3 of the 2022-2024 Plan, the agency required the Companies to work with the EEB's Evaluation Administrator (EA) to investigate the phase-out of incentives for replacing condensing natural gas equipment (e.g., boilers) during the 2022-2024 term in both the Residential and C&I Portfolios. In the 2023 program year, the Companies will begin to make rebate eligibility for residential natural gas HVAC systems more stringent and shift natural gas program budgets toward in-home services offerings—the HES program, HES-Income Eligible program, and the Multifamily Initiative.

The Companies expect to see a decline in natural gas HVAC activity beginning in Q2 2023. Eversource has decreased its natural gas HVAC budget for the 2023 and 2024 program years by $1.6 million to reflect this shift. Based on the latest evaluation report, the Companies are considering decreasing the funding for condensing natural gas equipment (e.g., boilers and furnaces) in the C&I Portfolio by reducing or eliminating incentives. Beginning January 2023, the Companies plan to align the minimum Uniform Energy Factor (UEF) requirements for heat pump water heaters with ENERGY STAR® criteria v.4. These changes will apply to both commercial and residential applications and the increase is being implemented in conjunction with changes in neighboring regional states and will also add a minimum requirement for split-system heat pump water heaters. The Companies will continue to focus on utilizing heat pump water heaters to replace existing water heating units. The Companies' plan also includes increased heat pump water heaters in the low-income sector.

In 2023, the Companies will remove rebates for split system air conditioning systems smaller than 5.4 tons from Residential and C&I sector programs.

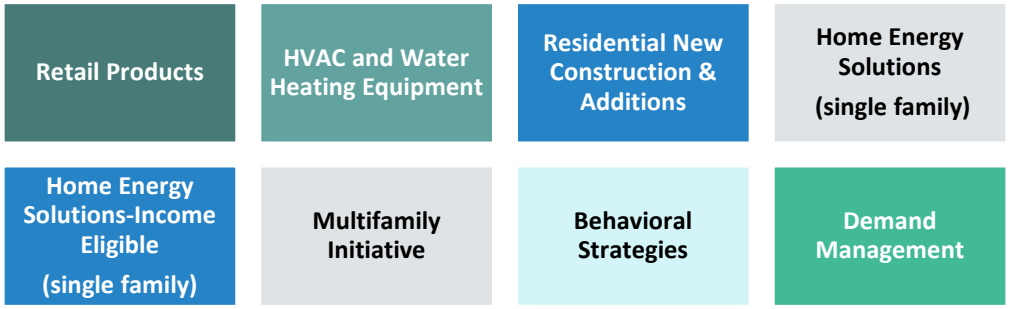
2.1.D New Technology Review Process

The Policy Working Group (PWG) is responsible for conducting technical reviews of commercialized energy-efficient products for eligibility, suitability, or applicability in an existing program in the Companies' Portfolios. In 2023, the Companies, in collaboration with the EEB Technical Consultants, will investigate ways to improve the effectiveness of the PWG to ensure that a steady pipeline of vetted technologies are available to the Companies. One potential outcome includes integrating with the Massachusetts Technology Assessment Center (MTAC) to streamline efforts across the two states.

2.2 Residential Portfolio Changes

For the 2022-2024 term, the Companies will deliver a comprehensive Residential Portfolio to all residential market segments, including the new construction, single-family, multifamily, market-rate, and income-eligible markets. These energy efficiency and demand management programs and initiatives are designed to help residential customers reduce their energy costs, save energy, and decrease greenhouse gas emissions, as well as support the three key priorities for the upcoming term—equity, decarbonization, and energy affordability.

2022-2024 Residential Portfolio



2.2.A Residential New Construction

Transition to All-Electric Program

As a result of DEEP's Condition of Approval No. 13, the Companies will transition the Residential New Construction program to an all-electric offering during the 2023 and 2024 program years.[30] For new construction program applications starting July 1, 2023, the Companies will not offer natural gas incentives or claim savings for envelope improvements in homes that heat with natural gas equipment; however, customer commitments from prior years (new construction projects started in previous years) may still need to be paid in the 2023, 2024, and 2025 program years.

[30] DEEP Condition of Approval No. 13, DEEP Determination, Attachment A: Schedule of Conditions of Approval, Jun. 1, 2022.

The Companies note that transitioning to an all-electric offering will significantly affect participation in the Residential New Construction program. Approximately 80 percent of the current single-family homes enrolled in the offering would no longer be eligible and multifamily (5+ or more units) participation would also be drastically reduced. An all-electric offering will also impact the ability of the Companies to meet their equity goals as the elimination of natural gas incentives would impact urban areas and low-income communities greater than others. While this would help transition new home building stock to decarbonization (2022-2024 Plan priority), this may also affect the number of participating new construction home building projects, particularly affordable and low-income housing units. The Companies are concerned that winter heating costs for low-income housing residents could also increase compared to heating with natural gas. This would have a direct effect on the Companies helping customers decrease their energy burdens and meeting their third 2022-2024 Plan priority—energy affordability.

In 2023, the Companies are exploring the inclusion of a specific heat pump incentive (e.g., dollar per ton or home for air source heat pumps, variable refrigerant flow, and ground source) for Residential New Construction projects to unambiguously support electrified heating. This will help the program support decarbonization and move toward an all-electric new construction package.

Home Energy Rating System Pathway

The Residential New Construction program operates under a performance-based incentive structure based on the Home Energy Rating System (HERS) Index where a HERS rating assigns a numerical rating to a newly constructed home's energy efficiency performance.[31] Qualified HERS Raters perform on-site inspections and use Ekotrope software to determine a home's HERS rating. This software uses a code home, or "Reference Home" as the baseline HERS index (usually has a score of 100) and compares it to the participating home to determine its score. The lower the HERS rating, the more efficient a home (e.g., a zero net energy would have a HERS Index of 0).

As a result of an ongoing evaluation (R1968 RNC Baseline Study) and the adoption of the new state building code on October 1, 2022, the Residential New Construction program's baseline HERS index and the Reference Home will be impacted. The HERS Index serves as the foundation of all single-family and multifamily building projects and helps the Companies determine program savings and incentives. The Companies are also working on a new reference home baseline based on fuel type and the proximity to the natural gas pipeline on the street to account for fuel switching savings.

[31] In the United States, the Residential Energy Services Network (RESNET) is responsible for the creation and maintenance of the RESNET Mortgage Industry National Home Energy Rating Standards, as well as certification and quality assurance on RESNET Provider organizations.

Building Code

In 2021, the State Building Inspector, State Fire Marshal, and the Codes and Standards Committee announced their intent to adopt the 2022 State Building and Fire Safety codes based on the 2021 editions of the International Code Council. The 2022 State Building Code incorporates the 2021 International Energy Conservation Code (IECC). In April 2021, the Committee's Code Adoption Subcommittee conducted a technical review of these codes along with Connecticut Department of Administrative staff. The review was completed in October 2021. The state essentially "skipped" the 2018 IECC as the energy code baseline and moved straight to the more stringent 2021 IECC. In 2022, the Companies worked with a third party to develop a code training schedule for external stakeholders and launched a series of code trainings in Q4 2022. The Companies will hold additional sessions following the 2021 IECC adoption period.

2.2.B Residential Rebates

In 2023, the Companies will offer a new downstream rebate for pool pumps—introduced in 2022. The Companies are also exploring offering incentives for heat recovery ventilation (HRV) and energy recovery ventilation (ERV).

If a home has a ducted central heating or cooling system, duct leakage testing can measure the air leakage throughout a home's ductwork system. If the duct leakage test indicates air leakage, then the HES or HES-Income Eligible vendor will seal the visible ductwork leaks on-site. In 2022, the Companies created a standalone Advanced Duct Sealing rebate for customers with existing ductwork or if it is installed with an updated heated system (participation in the HES or HES-Income Eligible is not required). Customers who are serviced through the HES and HES-Income Eligible programs will still be able to have Advanced Duct Sealing services completed at no cost.

2.2.C Home Energy Solutions and HES-Income Eligible Programs

Pay-for-Performance Pilot

Since the Companies provided their Pay for Performance (P4P) straw proposal as part of the 2021 DEEP Condition of Approval No. 3, there has been additional experience gained in the energy-efficiency residential sector. Thus, the Companies have updated their market research to further understand the opportunities and efficacy of P4P in the residential energy efficiency sector. The Companies have met with the EEB Technical Consultants and the EA to share research information and current residential program priorities. Additionally, the 2022 residential sector has seen high demand in the Companies' premier program offerings (HES and HES-Income Eligible) which have put budgetary pressures in their ability to further develop and offer a statewide P4P pilot. Additional considerations from all parties include concerns about the ability to drive meaningful energy savings results utilizing a P4P model that would not be disruptive to the current market. The Companies researched three P4P pilot programs across the nation to determine

lessons learned and opportunities to integrate best practices into their potential pilot. The review revealed pilot efforts with high complexity and varying, but generally low, results of success.

With this updated research, feedback, and the current budgetary constraints in 2022 and the forecasted budget reductions projected for 2023, the Companies are reluctant to pursue moving forward with a P4P pilot program at this time, and respectfully request that this P4P pilot concept be reconsidered at the end of 2023.

Establish Qualified Installer Network for Insulation

The Companies are currently working to transition the current open market insulation rebate to a Qualified Insulation Installer Network by establishing best practices for insulation installation training that will be provided to contractors who want to use the insulation rebate with their customers. The Companies are in the developmental stages of an "Insulation Training Boot Camp" for contractors consisting of both online and in-person training. Trainings will focus on identifying and evaluating opportunities for insulation, installing identified opportunities for insulation, and identifying and installing insulation using program values of proper workmanship.

The Insulation Training Boot Camp will have two tiers of training:

- General training for HES and HES-Income Eligible field technicians, and
- Best practices training for insulation installers which will be held on a periodic basis. This training will also be available to HES and HES-Income Eligible insulation installers.

Department of Energy Home Energy Score

As part of their education and outreach efforts to customers, the Companies also included the DOE Home Energy Score™ (Initial Score) as an optional service to HES participants. As part of the approved 2022-2024 Plan, the Companies detailed how they would deploy a new "Final Score" process to customers who opted-in to an Initial Score and completed at least one of their recommended energy efficiency upgrades. Customers will be able to request this free Final Score after installation of the energy efficiency upgrade if it is within 24 months of their original HES assessment. The Final Score can be provided either as a virtual Final Score conducted by their original HES vendor or as an in-person Final Score which will be completed with a post-inspection.

In 2022, Eversource deployed the Final Score to HES participants in its electric and natural gas service territories. To promote this new effort, Eversource mailed postcards to customers who participated in HES in Q1 and Q2 2022. In late 2022 or early 2023, United Illuminating, SCG, and CNG will also roll out the Final Score in conjunction with their new tracking system. The Final Score will be promoted electronically through email as well as through postcards. The Companies intend to roll out the Initial Score to HES-Income Eligible participants in Q1/Q2 2023 to coincide with the deployment of a new HES and HES-Income Eligible data collection mobile tool.

Targeting to Customers with Arrearages and Frequent Shutoffs

Per DEEP's Condition of Approval No. 24, the Companies must prioritize the targeting of HES and HES-Income Eligible programs to those with the largest arrearages and the most frequent shutoffs. This goal is tied to the Companies' equity secondary metric. On March 30, 2021, the Companies provided DEEP with their targeted marketing plan for residential low-income and non-low-income customers in arrears. To best reach this defined group, direct response (mail and email) is the preferred approach. The Companies encourage all customers in arrears to participate in the energy efficiency program for which they qualify—HES or HES-Income Eligible.

Weatherization Assistance Program—Collaboration with Community Action Agencies

The DOE's WAP reduces energy costs for low-income households by increasing the energy efficiency of their homes, while ensuring health and safety.[32] For the 2022-2024 term, the Companies will continue their long-term partnership with the state's Community Action Agencies to assist in cost sharing energy efficiency measures for WAP projects including direct-install measures, ductless heat pumps, water heating equipment, heating system replacements, insulation, and windows.

The state of Connecticut will receive approximately $46 million in federal WAP funding through 2027. The Companies will promote the HES-Income Eligible program as a key channel for delivering valuable weatherization services to low-income households. Per Condition of Approval Item No. 15, the Companies were directed to coordinate with DEEP and other relevant stakeholders to develop approaches to braid funding between the Conservation & Load Management programs and WAP, in order to leverage increased federal funding available through the *Infrastructure Investment and Jobs Act* and other public and private funding sources. [33] DEEP will lead these coordination efforts, which may include meetings, data requests, and the co-development of strategies with stakeholders, including the Companies.

Residential Energy Preparation Services Program

In 2022, DEEP hired a Program Operator, the International Center for Appropriate and Sustainable Technology (ICAST), for the Residential Energy Preparation Services (REPS) program. In 2023, the Companies will continue to work closely with ICAST to establish data sharing protocols, create customer collateral, and to develop new processes to streamline the customer experience through their remediation service and subsequent and requirements for HES-Income Eligible services.

[32] WAP is part of the Weatherization and Intergovernmental Programs Office and supports DOE's objective to lower energy bills while expanding cost-effective energy choices for all American communities.

[33] "Text - H.R.3684 - 117th Congress (2021-2022): Infrastructure Investment and Jobs Act." *Congress.gov*, Library of Congress, Nov. 15, 2021.

Program Budgets

Generally, the combined HES program budget allocates approximately 50 percent to the single-family segment and 50 percent to the multifamily segment. For the HES-Income Eligible program budget, approximately 70 percent of the budget is allocated to the multifamily segment and 30 percent of the budget is allocated to the single-family segment. On a quarterly basis, the Companies will present the savings and activity related to the HES and HES-Income Eligible program.[34]

Program Redesign

Once provided, the Companies will review the supplemental HES Evaluation report (R1983 HES / HES-Income Eligible Gas Weatherization) and will work with the EEB Technical Consultants to implement actions where appropriate.

2.2.D Residential Active Demand Response Programs

In 2023, the Companies will continue to promote enrollment in ADR programs and expand the offerings to include new equipment for control, such as window air conditioning units and pool pumps.

Grid Modernization Projects

Per the Public Utilities Regulatory Authority's (PURA) recent order in Docket 21-08-06, the Companies filed a plan to recover the costs of managed charging for electric vehicle charging stations through the rate recovery mechanism established through the grid modernization dockets.[35]

CNG and SCG Residential Direct Load Control Pilot (Natural Gas)

The Residential Direct Load Control pilot is a similar natural gas demand response strategy to United Illuminating's existing bring-your-own device (BYOD) Thermostat program. The 2022-2023 pilot will target all SCG and CNG residential customers on Rate RSH (residential heating). The Residential Direct Load Control pilot is an opt-in offering that targets residential natural gas customers with smart thermostats (open to Nest, Honeywell, and Ecobee).

There is a $75 enrollment incentive plus a $25 end-of-winter season incentive. The average duration of each event is four hours and there may be up to six events per season. Customers are given a 24-hour notice of all natural gas demand response events where the smart thermostat will be setback by three degrees with a preheat of two degrees for one hour. The temperature set point will not go below a minimum of 60°F. Customers can opt out of demand

[34] See 2022-2024 Plan for planned budgets, p. 81 (HES program) and p. 85 (HES-Income Eligible program).

[35] See the Companies' Plan filed in Docket No. 22-08-06RE04 – *Public Utilities Regulatory Authority Investigation into Distribution System Planning of the Electric Distribution Companies - CT Electric Vehicle Managed Charging Program*, May 1, 2022. See PURA Decision, Docket No. 21-08-06RE04 – *Annual Review of the Electric Vehicle Charging Program – Year 1*, Dec. 15, 2021.

response events. Results from this pilot will be used to determine a much larger strategy that could potentially stagger customer events over a full 24 hours. Pilot participants are also able to participate in one voluntary 24-hour event per season and receive an additional $100 incentive if they do not opt out.

2.3 Commercial & Industrial Portfolio

For the 2022-2024 term, the Companies will continue to deliver a comprehensive C&I Portfolio to commercial, industrial, and municipal market segments, including new construction, retrofit and renovation, small and medium commercial enterprises, microbusinesses, municipalities, and manufacturers. The Companies have designed their programs to be versatile and address C&I customers' energy needs comprehensively. The 2022-2024 C&I Portfolio programs and initiatives are:

C&I Portfolio Offerings

2.3.A Recycling Commercial Kitchen Equipment

Currently, the Companies' Residential Portfolio has an Early Retirement offering that is designed to encourage and incent residential customers to retire old, inefficient refrigerators and freezers and replace them with high-efficiency units. Customers work with a third-party contractor to verify their eligibility for the initiative, arrange a convenient pick-up time for the removal of their inefficient appliance(s) from their home, and then these units are removed and recycled in an environmentally friendly manner instead of being placed in a landfill where contamination could occur. In 2023, the Companies will expand this offering to the C&I Portfolio to include equipment recycling for commercial kitchen equipment and the Companies will primarily target efforts to the restaurant and grocery sectors.

2.3.B C&I Project Verification

Per DEEP's Condition of Approval No. 8, the Companies led a collaborative process in early 2022, working with C&I customers (including Connecticut Industrial Energy Consumers), EEB Technical Consultants, and the EA to develop a proposal for an alternative verification pathway in instances where the customer is able to provide reliable calculated savings. In July 2022, the Companies submitted this proposal to DEEP. This proposal has been included in the 2023 Plan Update and the Companies plan to launch a limited pilot (up to three projects) to C&I customers with annual usage greater than 30 million kWh or 1.5 million ccf. If the pilot is judged to be successful, the Companies will adjust and expand the pilot to accept more customers or perhaps transform it to a fully-fledged alternative verification pathway.

2.3.C Decrease Lighting Incentives

In 2023, the Companies will investigate reducing or eliminating incentives for tubular light-emitting diodes (TLEDs) without the ability to be controlled, except for disadvantaged businesses. Should this investigation prove favorable, this will transition most of the market to more high-efficiency lighting with controls while ensuring incentives are available for businesses located in distressed municipalities and environmental justice communities. In addition, screw-in LED bulb sales (online marketplace, upstream, midstream, and hard-to-reach retail) will end on June 30, 2023, and incentives for screw-in LED bulbs through the HES-Income Eligible, Small Business Energy Advantage, and Energy Opportunities programs may continue to December 31, 2023, and will be reviewed for discontinuation.

2.3.D Business Online Marketplace

Online Marketplace

Currently, the Companies offer an Online Marketplace through the Residential Retail Products program. By the end of the 2023 program year, the Companies plan to provide a similar offering for C&I customers. The Business Online Marketplace will allow Connecticut small businesses to compare products and prices of energy-efficient measures to help them with their purchasing decisions, as well as make purchases where incentives are applied instantly to qualifying products at the time of checkout. Customers will be able to purchase ENERGY STAR certified equipment, such as smart thermostats, dehumidifiers, room air conditioners/cleaners, window air conditioners, sound bars, and advanced power strips. Like the Residential Portfolio's platform, the Business Online Marketplace will provide validation services to verify that consumers purchasing the incentivized equipment are Connecticut businesses and qualify for the incentive(s). This streamlines the incentive process for customers and subsequently, the resulting energy savings.

2.3.E Weatherization Tool

To assist contractors with the adoption of weatherization measures, the Companies will explore the adoption or development of a weatherization tool.

2.3.F Small Business Energy Advantage Program

Redefining Comprehensiveness in the Program

The energy industry is changing, and the Companies need to re-evaluate how they define comprehensiveness. Non-lighting measures are critical to the Companies meeting their Small Business Energy Advantage program goals. In 2023, the Companies will identify barriers to engage specialty subcontractors (e.g., weatherization, PRIME, and process) in the C&I Portfolio. The Companies have looked at other states to evaluate their definition of comprehensiveness.

To motivate vendors to promote specialty measures, the Companies will increase opportunities for qualified vendors to network with specialty subcontractors by developing alternative incentive payment processes and mitigating risk of vendors acting as the general manager when engaging subcontractors. This will include insulation, air sealing, weatherstripping, duct sealing, windows, and a vendor network for weatherization for them to team with Small Business Energy Advantage contractors. The Companies will increase training opportunities to identify submission requirements and incentive potential of non-lighting measures.

2.3.G Business and Energy Sustainability

Strategic Energy Management

In addition to establishing energy savings targets and improving program processes, the Companies have established key performance indicators for their Strategic Energy Management (SEM) Providers to increase engagement and participation.

- **Targeting outreach.** The SEM Provider will collaborate with the respective Company to review potential high-valued candidates for the SEM program on a quarterly basis and to develop an outreach plan for each target and provide sales and marketing support with activities (e.g., webinars and virtual customer meetings). The SEM Provider will also be expected to confirm a minimum quantity of targets per quarter to approach for SEM services. The outreach effort requires support from company customer facing staff to arrange introductory meetings.
- **Project cycle time.** The SEM Provider will ensure that participants are advancing through the SEM process at a sustained rate. Once a participant has committed to participation in SEM, it is expected that an initial treasure hunt and baseline regression model will be completed after the participant kick-off meeting.
- **Periodic participant check-in meetings.** Once a customer has agreed to participate, at a minimum, the SEM Provider must host a recurring check-in meeting (typically bi-weekly or monthly based on customer requirements) with the customer for the duration of the SEM process.
- **Annual participant meeting.** The SEM Provider will schedule annual meetings with each participant and provide an annual report on their SEM performance. These meetings are in addition to regularly scheduled check-in meetings and focused on reviewing progress and highlights over the program year. The details of the report will be developed in collaboration with the respective Company.

PRIME and Energy Utilization Assessments

Currently, the Companies are reviewing two of their offerings—Process Re-engineering for Increased Manufacturing Efficiency (PRIME) program and Energy Utilization Assessments (EUAs)—to understand barriers to C&I customer

participation in these offerings or if customers need an alternative service or program offering. The Companies have established key performance indicators to increase engagement and participation for PRIME and EUA vendors.

For the PRIME program, the Companies have implemented the following to increase customer engagement:

- **Performance goals.** The Companies have established new performance goals for PRIME vendors in the new contract period encouraging them to engage with more customers and bring in more projects.
- **Engage in stakeholder events.** The Companies will conduct PRIME presentations at manufacturing stakeholder events to help drive customer participation (e.g., Connecticut Center for Advanced Technology, ACM Progressive Manufacturing Conference, etc.).
- **Small Manufacturer pilot.** The Companies are piloting a Small Manufacturer pilot that includes smaller manufacturing customers under 150 kW peak demand. By decreasing the peak demand threshold for customer eligibility, the Companies have expanded the target market and expect to increase program activity.

For the EUA program, the Companies have implemented the following to increase customer engagement:

- **Performance goals.** The Companies have established new performance goals for EUA vendors in the new contract period encouraging them to engage with more customers and bring in more studies.
- **Statement of Work update.** Vendors will focus on *customer needs* and narrow the study's scope and/or cost when necessary. The Companies will require EUA vendors to play a larger role in finding implementation vendors for customers after the study has taken place.
- **Prioritize customer targets.** The Companies' staff will leverage existing customer relationships to identify high value EUA targets for potential studies.

Industry 4.0: Industrial Internet of Things

Manufacturers are beginning to integrate new technologies, including Industrial Internet of Things (IIoT), analytics, artificial intelligence (AI), and machine learning into their production facilities and throughout their operations. Industry 4.0 for manufacturing is critical for the competitiveness of Connecticut manufacturers and the Companies are reviewing Industry 4.0 technologies that can increase production efficiency and reduce energy consumption.

In addition to reviewing the inclusion of Industry 4.0 measures into the programs, the Companies will also educate manufacturers on Industry 4.0 and energy efficiency nexus. In addition, the Companies will engage Industry 4.0 support networks, such as the Connecticut Center for Advanced Technology (CCAT) and also evaluate ongoing pilot and testing efforts (CCAT currently has a pilot). The Companies are also developing an Industry 4.0 Technology

Targeted Demonstration program (similar to a Request for Proposal program) that would expand energy efficiency opportunities for manufacturers.

2.3.H Energy Conscious Blueprint Program

The Energy Conscious Blueprint program is a transformative four-pathway offering to drive the new construction marketplace toward zero-energy buildings with low energy-use intensity (EUI) ratings. In 2023, the Companies will continue to provide four pathways to cost effectively exceed energy code requirements during design and construction and to achieve zero net energy. The four-pathway offerings include:

- Path 1: Net Zero Energy/Deep Energy Savings,
- Path 2: Whole Building with Energy Use Index Reductions,
- Path 3: Whole Buildings Streamlined, and
- Path 4: Systems and Measures.

In 2023, the Companies will include a specific heat pump incentive (e.g., dollar per ton for air source heat pumps, variable refrigerant flow, and ground source) for Paths 1 and 2 projects to unambiguously support electrified heating. This will help the program support decarbonization and move toward an all-electric C&I new construction package.

State Building Code

The state is transitioning from IECC 2015 to IECC 2021 which will result in significant changes to the program's baseline as a result. In addition, the C1902 baseline study for new buildings will result in new Industry Standard Practice (ISP) baselines for boilers and furnaces that go beyond code. Therefore, the Energy Conscious Blueprint program's baseline will either be ISP or code, whichever is more stringent. LED lighting will become standard practice for Connecticut new construction. The draft C1902 baseline study notes that ISP lighting power densities are 40 percent below code. This means lighting will be eliminated from the Energy Conscious Blueprint program except in custom situations where customers can get below that baseline.

2.3.I Energy Opportunities Program

The Companies plan to increase funding for Early Retirement in the 2023 and 2024 program years to accommodate additional retirement activity. In addition, the Companies will implement training for contractors in how to properly determine and document baselines.

2.4 Education, Workforce, Community Outreach & Technical Engagement

2.4.A Workforce Development Strategy

The Companies support the development and expansion of Connecticut's energy efficiency workforce and are already engaged in opportunities that enhance workforce development offerings.[36] The Companies have reviewed the recommendations of the ILLUME evaluation study and are actively including the recommendations in their strategic workforce development plan. Additionally, the Companies are also integrating recommendations from two independent workforce studies to enhance their strategic workforce development plan.

For one of these independent studies, the Companies commissioned BW Research Partnership to conduct research into Connecticut's energy efficiency sector, with a specific focus on the labor force and workforce development. The study's purpose was to gain a deeper understanding of the current landscape of energy efficiency workforce development in Connecticut and to identify key players in the training and education ecosystem, such as community colleges, workforce boards, vocational schools, businesses, nonprofits, utilities, and others. The firm conducted primary research with the energy efficiency business community, identifying hiring needs, as well as the pool of potential energy efficiency employees, which surfaced insights into the perceptions, awareness, priorities, and preferences of Connecticut's working-age population.[37] Some key draft findings from the BW Research Partnership study include but are not limited to:

- Firms are projecting higher demand for electricians and heat pump installers over the next year, though they also expect some hiring activity for carpenters as well as insulation, weatherization, and HVAC workers.
- Education and credentials are important, but work experience is highly valuable for energy efficiency careers.
- Employers rely on a limited pool of hiring resources, but firms did report interest in potential workforce funding and training programs.
- Employers expressed difficulty in hiring across all occupations, though hiring difficulty has been especially high for carpenters and electricians.
- There are many key players and networks actively engaged and focused on energy efficiency workforce development in Connecticut, and the Office of Workforce Strategy could support the alignment of these actors.
- Lack of experience and industry-specific knowledge tops the list of reasons for hiring difficulty.

[36] See Condition of Approval No. 10, DEEP Determination, Attachment A: Schedule of Conditions of Approval, June 1, 2022.

[37] This survey was specific to workers who are *not* currently working in the energy efficiency industry, in order to get a sense of the general population's awareness of and interest in energy efficiency careers.

- Most key workforce stakeholders in the state—government agencies, public/private initiatives, workforce boards, colleges, high schools, and advocates—are just now turning to energy efficiency workforce issues, having been focused elsewhere.

The BW Research Partnership study also presented several recommendations that will support the Companies' efforts as they develop a strategic workforce development plan as part of the 2022-2024 Plan. Some key recommendations include:

- Raising awareness of job types and opportunities will be very important, particularly amongst early education in middle and high school.
- Marketing of these job types to high schoolers and young adults is equally important, by highlighting where energy efficiency jobs align with what workers value in a career—environmental sustainability, flexibility, benefits, and advancement opportunities.
- Increasing on-the-job training and experiential hands-on opportunities is key, especially in early education settings, to sufficiently prepare workers for the types of skills required for energy efficiency jobs.
- Expanding access to energy efficiency job opportunities for all Connecticut residents.
- Engaging employers and contractors in the expansion of on-the-job training initiatives, such as internships and apprenticeships.
- Fostering partnerships to streamline the numerous efforts and agencies that are currently engaged in energy efficiency workforce development initiatives.

In 2023, the Companies will continue to make progress on their workforce deliverables outlined in the 2022-2024 Plan.[38] On February 14, 2023, DEEP modified their Condition of Approval No. 10 for the 2022-2024 Plan with additional requirements for the Companies to meet. The Companies' response is due by March 31, 2023. While the Companies work on their response to DEEP, the following is a list of efforts already underway to support workforce development efforts:

- Expanding access into the contractor workforce through the launch of the Job Board, an online platform, for new recruits to apply for employment opportunities in energy efficiency.
- Collaborating with Identified local and state programs whose resources and funding can be braided with the Companies' programs to further training and workforce development efforts.

[38] 2022-2024 Plan, pp. 146-149.

- Identifying education and training needs for members of the energy efficiency workforce, including soft skills training.
- Developing a strategic workforce development plan to support short- and long-term needs of the energy efficiency workforce.
- Identifying the need for resources detailing the training and pathways for workers to explore energy efficiency careers.
- Developing orientation training regarding Connecticut's energy efficiency and demand management programs.

In 2023, the Companies plan on partnering with a local supplier diversity organization to reach more diverse suppliers and new entrants.[39] In 2022, the Companies began implementing multiple heat pump trainings to support the 2022-2024 Plan's decarbonization and fuel neutrality goals. In early 2023, the Companies began rolling out continued training for their contractor network and partnered with local workforce development training partners to increase the number of weatherization specialists in the Connecticut workforce (see *Technical Training* section below).

Technical Training

The Companies are actively working to foster partnerships to streamline the multiple efforts and agencies currently engaged in energy efficiency workforce development initiatives. In 2022, the Companies entered a partnership with Efficiency for All (EFA) to support technical training for HES and HES-Income Eligible contractors. The funding will cover the costs of the technical training for four cohorts over two years. This will leverage funding from the Office of Workforce Strategy, a division of the Connecticut Department of Economic and Community Development, to use EFA's framework for training and wrap around services.

2.4.B Education and Green STEP (Sustainable Technical Education Program)

The K-12 Education initiative, which includes eesmarts and Green STEP, continues to grow and expand to meet the needs of schools, educators, and students across the state of Connecticut. The Companies are currently collaborating with outside stakeholders to strengthen and build their relationships with school districts to ensure all districts are aware of the Energize CT education offerings, including eesmarts and Green STEP. The following metrics, goals, and

[39] Kelley, Liz and Dunn, A. of Illume on behalf of Energize Connecticut, *Evaluation of Educate the Workforce, Educate the Students, Educate the Public, and Customer Engagement Initiatives*, Sep. 29, 2022, p. 14. The Illume study noted that the Companies' workforce development efforts are well designed to meet the needs of existing Residential and C&I Portfolio vendors and are well attended. However, the study noted that the Companies' trainings tend to target existing known contractors and that the Companies should focus on new entrants to expand the workforce.

plan will assist the Companies in meeting the objectives and outcomes of these robust initiatives. Please note that goals are aligned with the school year (September – June).

K-12 Education Goals and Metrics

eesmarts	2021-2022 Goal	2022-2023 Goal	2023-2024 Goal
In-Class Events			
No. of Schools Participated (Events)	50	55	60
% Participants of In-school Events in Environmental Justice Communities	30%	40%	40%
In-school Events Performance Satisfaction	100%	100%	100%
Number of Student/Family Pledges Returned	N/A	150	200
Professional Development			
No. of Educators Participated in Professional Development	175	200	225
No. of Schools Participated in Professional Development	15	20	25
% of Schools in Environmental Justice Communities	30%	40%	40%
Workshop Satisfaction	100%	100%	100%
Curriculum Improvements	3	3	3
No. of School Districts Participated in Train the Trainers	1	5	7
Student Contest			
No. of Schools Participated	45	50	55

Green STEP Goals and Metrics

Green STEP	2021-2022 Goal	2022-2023 Goal	2023-2024 Goal
Classes and Certification Courses			
No. of Students Participated in Green STEP	1,200	1,275	1,350
No. of Workshops and Training Courses	125	135	140
No. of Certification Courses	2	10	12
No. of Students Participated in After School Certificate Program	N/A	25	30
No. of Students Participated in Summer Certificate Program	N/A	50	60
No. of Students Received Certificates	N/A	80%	80%
Workshop Satisfaction	100%	100%	100%
Career Fairs			
No. of Career Fairs	2	2	2
No. of Students Received Internship	4	6	8
No. of Students Received Employment	6	8	10
Connecticut Science & Engineering Fair			
No. of Schools Entered in Fair	5	8	10
No. of Projects Entered in Fair	7	10	14
Follow-Up with Students			
No. of Students Who Supplied Contact Information After Graduation	25%	40%	50%

The eesmarts Plan

- Currently, the Companies are working to serve environmental justice communities with eesmarts offerings and will strive to increase and overachieve the number of environmental justice communities served over the 2022-2023 and 2023-2024 school years. The initiative will proactively reach out to any non-participating communities to encourage participation.
- Institute a Student/Family pledge component to track the energy behavior changes and program participation from the eesmarts initiative. After participating in an eesmarts in-class lesson, students will take what they have learned home and ask their family to pledge a behavioral change or participation in an Energize CT energy efficiency program. The initiative will encourage families to return the postcard with their family's selected energy efficiency behavior change they will implement or program they intend to participate. The Companies will offer an incentive to encourage a high rate of postcards returned.

The Green STEP Plan

Green STEP is expanding its reach this coming school year. The Companies will continue to offer all aspects of the current program to technical high school educators and students to include in their classroom/curriculum. In addition, the program will expand by offering an After School and Summer Certification pathway to students in technical high schools and other public high schools, as well as recent graduates of both technical and public high schools in Connecticut. The After School component will be offered virtually, and the Summer program will be offered in-person. Students will be incentivized for their participation and successful completion of the program and certification exam.

- These certifications will help better prepare students for jobs after graduation or to give them more understanding of a particular subject in their specific trade or other trades.
- The After School and Summer Certification pathway will begin in fall 2022 at the state's technical high schools. This gives the Companies the opportunity to make program modifications before rolling it out to all public high schools in Connecticut in spring 2023.
- By offering incentives, this allows students who would otherwise have to work after school or in the summer to take advantage of Green STEP since they will receive monetary incentives for successful completion of the offering.
- By offering different options for participation, this allows the Companies to broaden their reach to include all high school students and recent graduates across Connecticut, while increasing participation. This will also provide the opportunity for interested students to participate on their own, without requiring the school's or

educator's participation. This also allows students to take training outside of their trade to broaden their knowledge.

Plan to promote this new avenue of the program to teachers and students in technical schools:

- Educator video that will be presented by the technical schools' consultants as part of the back-to-school educator orientation.
- Student video that will be shown by teachers in the fall and spring to encourage participation in the program.
- Posters will be displayed in all schools to promote Green STEP and the training being offered and will include information on how to sign up.
- Recent graduates of the technical schools will be notified of the training opportunities available if they have provided their email to the Companies (emails are also available through the technical high school alumni community).
- Social media will be used to promote the training.

Plan to introduce Green STEP to all public high schools in Connecticut:

- The Companies are currently in the process of meeting with school districts and the Connecticut Department of Education to introduce Green STEP and the benefits of participating in the program. The Companies will also seek to acquire assistance from the districts to inform students of the value of the program.
- Posters will be placed at high schools to promote Green STEP and upcoming training courses.
- A video regarding Green STEP will be presented to all educators to introduce them to the program.
- Green STEP staff will present the program to educators at school meetings when this opportunity is available.
- A student video will be emailed to educators to promote the program. Educators will use the video and poster to emphasize the benefits and opportunities of the program to the students and encourage them to participate.
- Information sessions will be offered at high schools to recruit students.
- Program information will be distributed through the Parent Teacher Association or Parent Teacher Organization at schools.

To increase participation in Green STEP, the Companies will also begin to recognize technical high school teachers and/or trade shops who have actively participated in the program. Awards will be presented in the fall and will include needed classroom equipment and/or field trips. At the Career Fair and throughout the year, the Companies will request high school seniors to give them their personal email address so Green STEP can track the students' post-

high school career and/or school progress. This will allow the Companies to notify graduating students of upcoming certifications or job openings that may be of interest to them. The Companies have created and will provide a *Careers in Energy Efficiency and Green Jobs* booklet to guidance counselors to introduce clean energy careers to students.

The eesmarts and Green STEP initiatives will strive to increase participation by adding new trainings and events to help fill some gaps in the workforce. Special consideration will be made to environmental justice communities to ensure all students have equal access to the programs.

2.4.C Community Outreach

Community Partnership Initiative

In 2022, the Community Partnership Initiative (Partnership) funded nine projects in eight communities including Bethel, Branford, Hamden, New London, Middletown, Waterbury, West Hartford, and Wilton. The Partnership leverages the experience, trusted relationships, and knowledge of local groups, municipalities, and nonprofits to further efficiency adoption and educate residents and businesses on available programs.

Staff from the Companies met with the EEB's DEI consultant (Illume) on Friday, July 22, 2022, to hold an initial discussion regarding diversity, equity, and inclusion recommendations for the Partnership. The discussion centered around Partnership strengths, weaknesses, opportunities, and how Illume staff can best support the growth of a more inclusive Partnership with goals that support the 2022-2024 Plan's three priorities: equity, decarbonization, and energy affordability.

Following this discussion, staff from the Companies and Illume collaborated to integrate in-development recommendations into Round 2 of the Partnership. On December 16, 2022, the Companies issued the Partnership's Round 2 application which included several changes. Namely, applicants must focus their efforts on municipalities in Connecticut that qualify as either: (1) Department of Community and Economic Development (DECD) distressed municipalities or (2) contain environmental justice census block groups defined by DEEP as an "environmental justice community." Communities not considered distressed municipalities but that contain environmental justice census block groups are welcome to roll out municipal-wide campaigns. However, the municipal-wide campaigns must include specific outreach initiatives for the environmental justice census block group areas of the community.

Round 2 of the Partnership requires partners to center their efforts on one or more of these focus areas:

- **Project Focus 1:** Demonstrating actions that will lead to an increase in homes participating in the HES-Income Eligible program *(through the municipality's Energize CT utility sponsor)*.

- **Project Focus 2:** Demonstrating actions that will lead to an increase in the adoption of heat pumps among income-eligible customers. Note: Qualifying customers must also enroll in the HES-Income Eligible program.
- **Project Focus 3:** Demonstrating actions that will specifically target and increase the participation of small and microbusinesses in low-income and environmental justice communities in the Small Business Energy Advantage program.
- **Project Focus 4:** Demonstrating actions that aim to increase deployment of energy efficiency programs to rental properties and multi-unit dwellings through coordinated outreach to multifamily property owners and managers.
- **Project Focus 5:** Demonstrating actions that aim to increase uptake of demand response and deep energy-saving measures.

2.4.D Technical Engagement

Support for ENERGY STAR Building Verification

The ENERGY STAR program requires third-party verification by a professional engineer or registered architect prior to awarding ENERGY STAR building certification. During previous Plan terms, this verification requirement has served as a barrier for Connecticut municipalities looking to achieve ENERGY STAR status for their buildings and facilities. To overcome this barrier in the 2022-2024 term, the Companies are working with the Institute of Sustainable Energy to support towns to maintain their ENERGY STAR certification. The Companies will also provide professional engineering services to help municipalities verify ENERGY STAR applications.

Energy Efficiency Dashboard

On February 24, 2023, the Companies issued an RFP for a third-party firm to create a new, easy-to-use Energy Efficiency Dashboard (Dashboard) with an intuitive user interface that can be accessed by both internal and external stakeholders. The update to the existing Dashboard will ensure that program metrics are presented in a modern, innovative, aesthetically pleasing and user-friendly manner and use newer technology that allows stakeholders to drill-down into specified programs, measures, time periods, and ZIP codes. The new Dashboard will also be versatile in its behind-the-scenes design so new programs, measures, and reporting features can be effortlessly and quickly integrated into the platform.

In addition to statewide data reporting, the Companies will require a municipal-level and/or community sub-element capable of taking the data already displayed on the Dashboard and disaggregating the data on a municipal and/or community level (e.g., specific energy efficiency programs, energy-efficient measures, ZIP codes, and community

partnerships). For example, a user could look at the participation level of a program on a statewide basis and then look at participation on a municipal level. The Companies plan to include the following features for this municipal/community sub-element:

- **Partnership feature** highlighting the program and Partnership groups. This feature will also include links to the Partnership application and the Partnership webpage on EnergizeCT.com.
- **Benchmarking feature** connecting stakeholders to building benchmarking information, including links to benchmarking partners (e.g., University of Connecticut, Sustainable CT, etc.).
- **Statewide energy profile feature** displaying statewide data, such as carbon dioxide emissions avoided to date, electricity savings (kWh calculations), natural gas savings (ccf calculations), MMBtu savings, and other information.
- **Town/city profile feature** highlighting each of Connecticut's 169 towns and cities.

The upgrades are scheduled to be completed by December 31, 2023 and modifications will be made continuously to the existing Dashboard to meet community and regulatory requests throughout the 2023 program year.

2.4.E Budgets for Education, Workforce, Community Outreach and Technical Engagement

Throughout the 2022-2024 term, the Companies will continue to deliver an Education, Workforce, Community Outreach, and Technical Engagement Portfolio that delivers innovative solutions, customer outreach, comprehensive education, and valuable workforce development opportunities across the state.

2023 Budget for Education, Workforce, Community Outreach & Technical Engagement

PROGRAM NAME	Eversource Electric	United Illuminating Electric	Eversource Gas	CNG	SCG	Total
Energy Education						
K-12 Professional Development and Outreach	$352,000	$88,00	$36,667	$36,667	$36,667	$550,00
Green STEP	$320,000	$80,000	$33,333	$33,333	$33,333	$500,000
Student Contest	$64,000	$16,000	$6,667	$6,667	$6,667	$100,000
Total: Energy Education	**$736,000**	**$184,000**	**$76,667**	**$76,667**	**$76,667**	**$1,150,000**
Workforce Development						
Training	$396,800	$99,200	$41,333	$41,333	$41,333	$620,000
Learning Laboratories	$320,000	$80,000	$33,333	$33,333	$33,333	$500,000
Industrial Assessment Center	$76,800	$19,200	$8,000	$8,000	$8,000	$120,000
Total: Workforce Development	**$793,600**	**$198,400**	**$82,667**	**$82,667**	**$82,667**	**$1,240,000**
Community Outreach						
Community Engagement	$320,000	$80,000	$33,333	$33,333	$33,333	$500,000
Educational Exhibits	$448,000	$112,000	$46,667	$46,667	$46,667	$700,000
Total: Community Outreach	**$768,000**	**$192,000**	**$80,000**	**$80,000**	**$80,000**	**$1,200,000**
Customer Engagement Initiative						
Customer Engagement Tools	$320,000	$ -	$50,000	$ -	$ -	$370,000
Portfolio Manager	$80,000	$80,000	$20,000	$50,000	$50,000	$280,000
Total: Customer Engagement Initiative	**$400,000**	**$80,000**	**$70,000**	**$50,000**	**$50,000**	**$650,000**
TOTAL	**$2,697,600**	**$654,400**	**$309,333**	**$289,333**	**$289,333**	**$4,240,000**

SECTION THREE: BENEFIT-COST SCREENING

3.1 Overview

For the 2023 Plan Update, the Companies used identical benefit-cost (B/C) methodologies for program and measure screening. The B/C screening tools contain consistent methodologies and the same sources for program-induced avoided costs and benefits. The electric and fossil fuel avoided costs are based on a regional avoided energy supply cost study completed in 2021 for New England[40] (2021 AESC). The transmission and distribution (electric) avoided costs are based on studies conducted by the Companies in 2017.[41]

The 2023 Plan Update was screened on an annual basis by each Company for the 2022, 2023, and 2024 program years (5 sets of Company B/C tables x 3 years). In addition, a combined statewide B/C table is provided for each program year. These statewide combined B/C tables include all benefits and costs from the electric and natural gas programs rolled up into three annual portfolio tables. The Companies use the Connecticut Program Savings Document (PSD) to verify savings assumptions, including the results of program evaluations.[42] The PSD provides engineering estimates, savings algorithms, and measure life estimates used by the Companies within their programs. The PSD also reflects the results of evaluations by providing realization rates to "true-up" savings based on third-party independent evaluations.

All electric and natural gas conservation measures in the 2023 Plan Update are evaluated within an integrated supply-and-demand planning framework to ensure that the programs are cost-effective and yield positive net benefits to customers. Use of common cost-effectiveness testing methodologies and savings assumptions allows DEEP, the Connecticut Public Utilities Regulatory Authority (PURA), the EEB, and others to compare the benefits, costs, and B/C ratios on a program and measure basis. This chapter provides details on the B/C tests utilized in the 2019-2021 Plan and this 2022-2024 Plan, include: (1) use of avoided costs from the 2021 AESC, (2) types of B/C tests to be used in the 2022-2024 Plan, and (3) benefits used within each of the B/C tests and their source.

3.2 Development of a New Connecticut Cost Test

DEEP's Final Determination made several recommendations to align Connecticut's energy efficiency cost-effectiveness tests with the state's energy policy goals and priorities. Cost-effectiveness testing plays a key role in the

[40] Synapse Energy Economics, Resource Insight, Les Deman Consulting, North Side Energy, Sustainable Energy Advantage, *Avoided Energy Supply Cost Study in New England: 2018 Report*, Mar. 30, 2018.

[41] Eversource values are based on: ICF International, *Assessment of Avoided Cost of Transmission and Distribution*, Jul. 17, 2017. United Illuminating values are based on: Harbourfront Group, Inc., *Avoided Transmission & Distribution Cost Study Report, 2000-2026*, Aug. 1, 2017.

[42] The Companies' PSD is filed annually as part of the Electric and Natural Gas Companies' C&LM Plan or Plan Update. The PSD is a centralized reference of savings (e.g., energy, capacity, fossil fuel, and other non-electric) assumptions used by the Companies within the energy efficiency programs.

energy efficiency programs, allowing the Companies and policymakers to compare program benefits to the costs associated with implementation.

- **Recommendation 1.** Create a new Connecticut Efficiency Test (CTET) that applies the principles of the Modified Utility Cost Test (MUCT) to all programs and continues the supplemental use of the Total Resource Cost (TRC) test for income-eligible programs. The current MUCT will be replaced by the CTET.
- **Recommendation 2.** Modify the primary CTET to capture avoided greenhouse gas emissions.
- **Recommendation 3.** Modify the CTET to capture the utility system benefit of reduced arrearages, collection costs, debt write-offs, and/or administrative costs.

The new CTET will help increase the programs' benefits and therefore the B/C ratio for energy efficiency programs.

3.3 Avoided Energy Supply Cost Study

Most of the avoided costs used in the Companies' B/C testing were updated for the 2023 Plan Update based on the completed 2021 AESC study.[43] Avoided costs were estimated using the provided "User Interface" as part of the 2021 AESC study that allowed for the creation of avoided cost tables for specific states and scenarios. The New England energy efficiency program administrators sponsored the 2021 AESC. In addition, other non-utility parties (e.g., regulators and consultants) formed the Avoided Cost Study Group to oversee the development of the 2021 AESC. Previous iterations of an avoided cost study were conducted on a biennial basis. However, beginning in 2015, the AESC moved to a three-year cycle which coincides with the current three-year planning cycle in Connecticut. The 2022-2024 Plan coincided with the release of the 2021 AESC.

3.4 Benefit-Cost Tests

Connecticut's B/C tests compare the net present value of program induced avoided costs with the cost to achieve the benefits. These tests are summarized below, and additional details are provided in the figure below.

- The **Utility Cost Test (UCT)** includes the value of utility-specific benefits and program costs associated with those benefits. For example, the UCT includes energy avoided costs from electric and natural gas conservation measures/programs and all program costs associated with acquiring those benefits. The UCT does not include customer out-of-pocket costs, or costs or benefits associated with oil or propane savings. Nor does the UCT include NEIs or the non-embedded value of greenhouse gas emissions reductions.
- The **CTET** includes benefits of the avoided costs of electricity, natural gas, oil, propane, and non-embedded gas emissions as well as low-income non energy impact (NEI) costs associated with "arrearages, debt write-

[43] Synapse Energy Economics, Inc., *Avoided Energy Supply Component in New England: 2021 Report*, March 15, 2021.

off costs, or administrative costs" and all program costs associated with acquiring those benefits. The CTET does not include customer out-of-pocket costs.

- The **TRC** includes all energy and non-energy benefits, such as water savings, non-embedded emissions, environmental attributes, and non-energy impacts. On February 19, 2020, DEEP issued their Approval with Conditions for the 2020 Plan Update, including Compliance Order No. 2 directing the Companies to include NEIs into the HES-Income Eligible program.[44] In addition, the TRC includes all costs associated with acquiring these savings. This includes program costs and customer out-of-pocket costs.

The figure below provides the benefits (numerator) and costs (denominator) that are used within the two B/C tests, as well as their value and source.

[44] NEIs are based on Table A6-1 in the 2021 PSD manual per DEEP's Approval with Conditions of the 2020 Plan Update, Conditional Item No. 2.

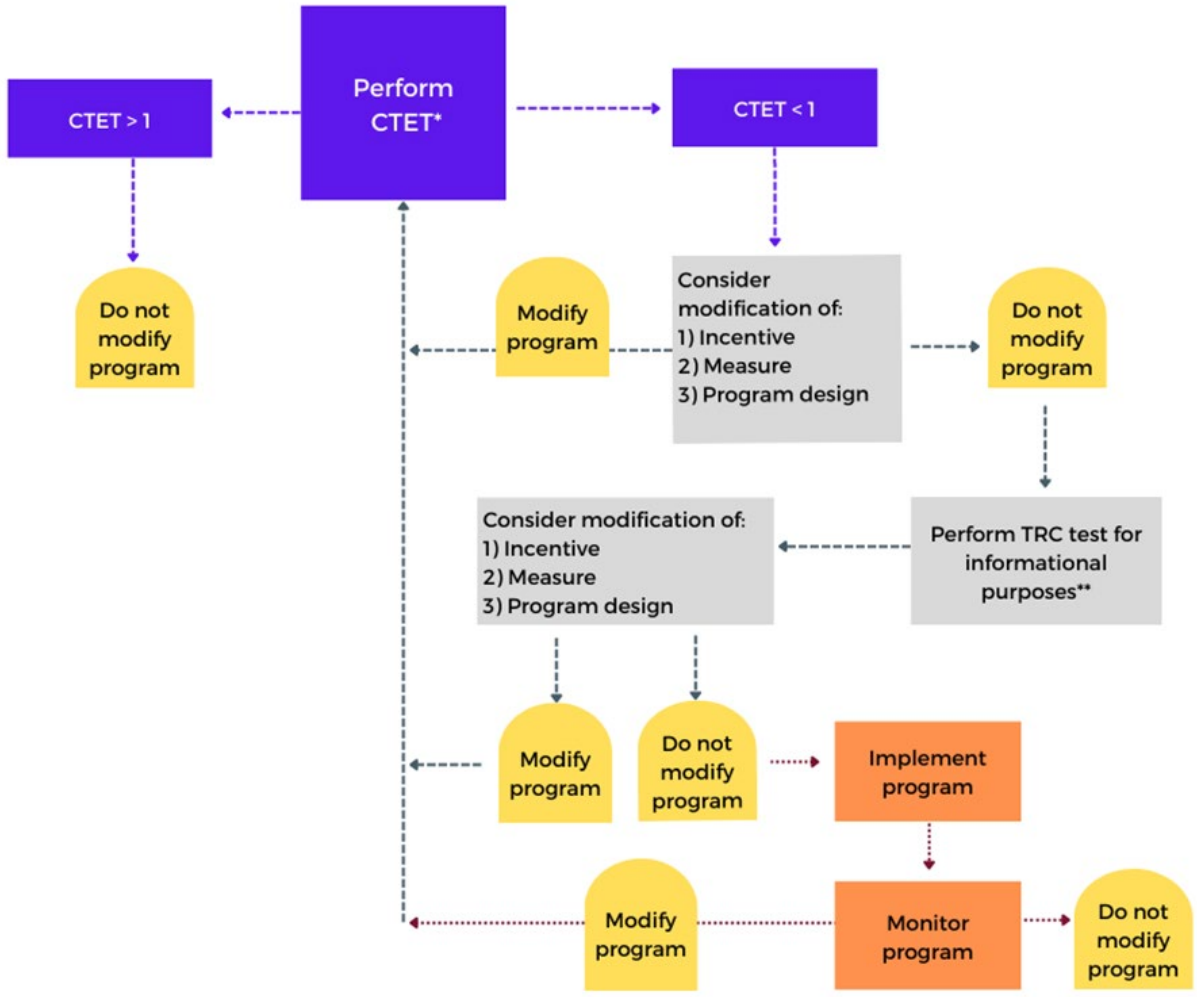
Benefit/Cost Testing Summary (including the source of the avoided costs/benefits)

Benefit Type (numerator)	Units	15 Year-Value Levelized Cost ($ 2021)	Connecticut Efficiency Test (CTET)	Total Resource Cost Test (TRC)	Source
Energy	$/kWh	$0.038	X	X	2021 AESC
Capacity	$/kW	$48.00	X	X	2021 AESC
Transmission	$/kW	$0.86	X	X	EDCs (Note 1)
Distribution	$/kW	$30.89	X	X	EDCs (Note 1)
Pooled Transmission Facilities (Note 2)	$/kW	$84.00	X	X	2021 AESC
Reliability (Note 2)	$/kW	$0.50	X	X	2021 AESC
Energy DRIPE (Note 3)	$/kWh	$0.025	X	X	2021 AESC
Capacity DRIPE (Note 4)	$/kW	$76.60	X	X	2021 AESC
Natural Gas (Note 5)	$/MMBtu	$6.48	X	X	2021 AESC
DRIPE (Note 6)	$/MMBtu	$1.17	X	X	2021 AESC
Oil	$/MMBtu	$14.04	X	X	2021 AESC
Oil DRIPE	$/MMBtu	$0.11	X	X	2021 AESC
Propane	$/MMBtu	$38.79	X	X	2021 AESC
Water	$/Gallons	$0.014		X	CT rates (Note 7)
Non-Energy Impacts	$ (varies)	N/A		X	Various
Non-Embedded Emissions(Electric)(Note8)	$/kWh	$0.0482	X	X	2021 AESC
Fossil Emissions(Gas, Oil, Propane) (Note 8)	$/ton	$125/ton CO_2 $14,700/ton NOx	X	X	2021 AESC
Cost (denominator)			**Program Cost (including oil, propane)**	**Total Cost (program + customer)**	

Note 1: Transmission and Distribution benefits are based on Electric Distribution Companies' (EDC) studies conducted in 2017. The Companies use weighted average values for T ($0.84/kW) and D ($30.29/kW) from those studies.
Note 2: Connecticut counterfactual 1 using a 15-year levelized basis; all values are in 2021 dollars.
Note 3: Includes all DRIPE identified in 2021 AESC, including own-fuel DRIPE and cross-fuel DRIPE (Connecticut DRIPE and rest-of-pool). CT counterfactual 1, summer on-peak, on a 15-year levelized basis; all values are in 2021 dollars.
Note 4: Capacity DRIPE includes Connecticut and rest-of-pool components, counterfactual 1, cleared capacity values, on a 15-year levelized basis; in 2021 dollars.
Note 5: Values are for the Southern New England Region, all retail end-uses, on a 15-year levelized basis; in 2021 dollars.
Note 6: Includes all DRIPE identified in 2021 AESC including own-fuel DRIPE and cross-fuel DRIPE (Connecticut DRIPE and rest-of-pool). Values based on all retail end-uses and in 2021 dollars.
Note 7: Water-avoided costs based on 2016 Tighe and Bond water and sewer data for Connecticut. http://rates.tighebond.com/index.aspx.
Note 8: CO2 avoided cost value uses the "New England-based marginal abatement cost, derived from the electric sector."

In Connecticut, the CTET is the primary test. The TRC is used as a secondary test to provide a broader perspective of program performance, including the incorporation of NEIs, particularly for low-income programs. The flow chart below illustrates the use of two B/C tests and the iterations that may be used to refine program performance and optimize the energy efficiency portfolio.

Connecticut B/C Testing Process[45]



*Multiple rounds of CTET testing may be employed to refine a program.

**TRC test is not used as a pass/fail test. Judgement about whether a program passes muster is based on the CTET. For the HES-Income Eligible program, the TRC test is used as the primary B/C metric. The TRC test merely provides an indication of whether participant contribution and program incentives are appropriate without further modification.

[45] The Connecticut B/C flowchart was developed through a collaborative effort between DEEP staff and the Companies.

In addition to the continuation of the two B/C tests, the Companies will maintain the basic framework of the B/C tests to remain consistent with prior DEEP feedback.[46] This includes the following: (1) the use of nominal avoided costs, and (2) a nominal discount rate of 3 percent[47] for all B/C testing. The discount rate is used to calculate the net present value of the avoided costs over the life energy efficiency measures. The nominal avoided costs are calculated using a 2.0 percent inflation factor on the 2021 AESC.

[46] DEEP Resolution of Conditions, September 26, 2014.

[47] Discount rate is based on DEEP's Approval with Conditions of the *2019-2021 Plan* (dated Nov. 11, 2018), filed on December 20, 2018, Compliance Item No. 5. Please see Appendix E of the updated *2019-2021 Plan* for more details.

SECTION FOUR: EVALUATIONS

4.1 Purpose of Evaluation

Independent evaluation, measurement, and verification (EM&V) has been an integral component of Connecticut's energy efficiency and demand management programs since their inception. EM&V has many objectives, including verifying program energy savings, estimating future energy savings, identifying ways to improve program delivery and results, and helping expand the reach of programs by identifying barriers to participation. In addition, evaluations are used to verify efficiency programs' demand savings for resources participating in ISO-NE's FCM.

A critical aspect of the Companies' commitment to continued improvement is Connecticut's independent third-party evaluation process which is managed by the EEB.[48] Evaluations are selected and prioritized based on criteria such as the length of time since the most recent evaluation of a program, the relative contribution of program savings to the portfolio, and the level of spending on the program. Independent evaluators working on behalf of the EEB have conducted more than 100 studies of the evolving suite of energy efficiency programs since 2005.[49] These studies have included: (1) impact evaluations, which measure the savings resulting from efficiency measures and programs and detail the factors driving those savings; (2) process evaluations, which assess program design and implementation to understand and improve program performance; and (3) market studies, which assess how energy efficiency markets function and analyze market participant behaviors.

- The Evaluation Plan for the 2022-2024 term can be found at: https://energizect.com/sites/default/files/2022-07/CTEEB2022-24EvaluationPlan_FINALPassed_011222.pdf
- Final reports of evaluations can be found at: https://energizect.com/connecticut-energy-efficiency-board/evaluation-reports

4.2 2022 Evaluation Recommendations

One of the outcomes of the EEB's evaluation process is a set of recommendations for the Companies regarding how to improve the evaluated programs. The Companies carefully reviewed the recommendations from evaluation studies completed in 2022. The figures below detail the 2022 Evaluation recommendations and how the Companies plan to incorporate these recommendations into the 2022-2024 Plan's program offerings.

[48] Additional information on the EEB evaluation process can be found online.

[49] Final and draft versions of EEB evaluation reports and studies, along with related documents such as project descriptions, stakeholder comments, and supplementary materials can be found online.

C1901 C&I Sector-Wide Process Evaluation (non-SBEA) - Responses to Recommendations

Study Recommendations	Responses
The cost and benefit of common data framework should be assessed. A common reporting framework should be developed to ensure comparable and consistent data is available to the utilities and other parties year after year. While acknowledging that the utilities will continue to have their own data systems, effort should be allocated to developing database queries which the utilities could use to extract, manipulate, and structure data in a consistent manner.	The Companies agree with this recommendation and recognize improvements that can come from the data-related recommendations from this study. However, some recommendations are easier to implement than others. The Companies and EA Team will work jointly to prioritize and develop a plan toward phasing in the priority recommendations within 2023. The Companies and the EA Team will report back quarterly on progress, and report at the end of 2023 on the plan for implementing (or not) the remaining recommendations.
There are a number of data fields that should be included in the program tracking/C&I population data that are critical to program delivery, and potentially target marketing that are either not currently being collected or being collected inconsistently. Effort should be allocated to populate as much missing information as possible. These fields include email address, industry segment, pathway or initiative (for ECB and BES), prescriptive/custom measure, comprehensive project (yes/no), project financing (yes/no, type of financing), and ownership status (tenant vs owner).	Some of these items have already been addressed via the rollout of Eversource's new tracking system. Email, building type, program, prescriptive/custom, and comprehensive are already part of the Eversource tracking system. Information on project financing is also available unless it is outside of Business Energy Advantage / municipal financing. While Eversource can ask about ownership status, the participants (such as contractors) may not know this information and it is not likely to be accurate. AVANGRID is planning on including these requirements in its new tracking system.
Develop and provide data dictionaries (with code lists). These should be developed in conjunction with the development of the above queries to ensure alignment.	Eversource agrees with this recommendation and will be collaborating with AVANGRID on the development of the data dictionary. AVANGRID is currently developing a data dictionary per Condition of Approval No. 7.
Improve account tracking. The ability to compute performance metrics and profile customers requires linking consumption and program tracking data. The utilities should continue to improve their ability to identify the appropriate account numbers for tracking records. This is a particular challenge for upstream program measures.	The Companies agree and have begun to implement this recommendation. With the launch of a new vendor in 2021, the program added a new account validation and tracking capability to help address this issue. The Companies will continue to improve tracking capabilities for this program.
Improve coverage of firmographic information. Improved coverage of firmographic information such as square footage, employee size, NAICS codes, building ownership, and ownership structure, though not necessary, will improve the ability to characterize customers and isolate their program needs.	The Companies agree with this recommendation and are assessing the use of CoStar data and other data sources to improve coverage of firmographic information. The Companies will also investigate whether requiring collection of firmographic information from participants at time of

Study Recommendations	Responses
	application could reduce overall participation in programs, especially midstream programs.
Improve tracking of micro-business consumption and savings. The smallest accounts may consist of a variety of entities who may not require much consumption on specific accounts but may indeed require consumption on some other account for the same customer. The ability for performance metrics to accurately depict the savings achieved at the account level requires assigning the savings to the appropriate account. For micro-business, incorrectly assigning savings to accounts can obscure savings achieved metrics as the savings per unit of consumption accounts for a much larger share.	The Companies will investigate the data issue identified in the report and will implement the necessary modifications to improve tracking of micro-business consumption and savings.
Collect, consolidate, and report lighting measures by sector and customer type. Use the information to identify under/over served customer groups.	The Companies are currently collecting sector and customer type for lighting measures. Reporting by sector and customer type can be made available as needed to help identify under/over-served customer groups.
Upstream Lighting data needs to be tracked more consistently and if Upstream Lighting savings are to be included in the main program tracking data files, the entries need to be coded in a manner that makes them easier to find (e.g., a unique subprogram or initiative name) and the entries in the program tracking data should reconcile with any other tracking files.	Eversource agrees and has begun to implement this recommendation with the launch of its new tracking system as noted in the evaluation report. Eversource's new tracking system contains a unique program and measure name for all lighting and the utility will continue to improve tracking capabilities to help identify measures easier and reconcile the data with other tracking files. AVANGRID will collaborate with Eversource and vendors during the implementation of its new tracking system for 2023.
Leverage low-cost, large-scale print and/or digital channels like email and bill inserts to increase awareness. Both are the most preferred methods of communication mentioned by customers.	The Companies have implemented this recommendation.
Entice customers to learn more about the program by honing messages and emphasizing potential energy savings and incentives to offset project costs.	The Companies have implemented this recommendation.
Continue fine-tuning the Energize CT website and use advertising to direct customers to the website.	The Companies are in the process of implementing this recommendation. A website re-vamp is currently under way, optimizing previous assets and adding new ones, such as case studies, marketing materials, etc.

Study Recommendations	Responses
Design a future evaluation study to more fully understand the customer experience to further refine processes and materials.	This recommendation requires collective work between the EA Team and the Companies.
Continue to assess the programs' abilities to achieve comprehensiveness over a longer timeframe.	The Companies have implemented this recommendation.
Continue to stimulate repeat participation over time for deeper and more comprehensive savings.	The Companies have implemented this recommendation.
Continue to implement a segmented and strategic delivery strategy but refine by adding other customer attributes.	The Companies agree and is already implementing this recommendation. For example, the Companies have targeted offerings for the microbusiness and distressed communities' segments.
Make use of other market partners besides contractors and designers; capitalize on retailers/distributors.	The Companies are already implementing this recommendation. Midstream program implementation is an example of this.
EO Program - Upstream Lighting: Focus resources on continually fine-tuning current measure mix and rebate levels.	The Companies agree with this recommendation. The Companies will continue to conduct pricing surveys, review cost effectiveness, and adjust offerings, as necessary. The Companies will also work with the EA to recommend incremental cost studies and shelf surveys.
EO Program - Upstream Lighting: With up-to-date and accurate data, implement a staged approach to adjusting or eliminating rebates for individual measures.	The Companies agree with this recommendation and have developed an approach for decreasing incentives for lighting measures moving forward. The Companies' plan for eliminating incentives can be found in Section 2.3.C of the 2023 Plan Update.
EO Program - Upstream Lighting: Consider further promoting wireless non-integrated lighting controls throughout the program.	The Companies agree and have already started to add lighting non-integrated lighting controls into the express program for 2023.
EO Program - Upstream Lighting: Develop program materials (e.g., one- or two-page flyers, case studies) for customers and training for contractors to educate them on the benefit of LEDs, including non-energy benefits.	The Companies agree and have already begun to implement this recommendation. Developed point-of-sale (POS) materials have been distributed to the market (e.g., hang tags, counter mats, banners, flyers, window clings). Digital copies are also available to distributors.

Study Recommendations	Responses
EO Program - Upstream Lighting: Extend the amount of time customers have to install the new lighting equipment through the Upstream Lighting program.	The Companies agree and have begun implementing this recommendation. In 2021, an exception form was in place to extend install timelines on as needed basis.
EO Program - Upstream Lighting: Collect, consolidate, and report lighting measures by sector and customer type.	The Companies are already implementing this recommendation.
EO/ECB - Existing Equipment: Leverage relatively low-cost, large-scale digital channels like email and internet marketing to inform a larger number of customers about the available incentives and programs to increase participation.	The Companies are exploring the feasibility of implementing this recommendation. The Companies' social channels achieve this to some extent; however, they are not program-specific and may not be the most effective way to reach these customers.
EO/ECB - Existing Equipment: Develop, co-brand, and share marketing, promotional, and educational materials that can be used by trade allies to promote the program to their customers.	The Companies plan to implement this recommendation by expanding from residential into small business late this year to supply contractors with co-branded templates/marketing materials.
EO/ECB - Existing Equipment: Ensure trade allies are aware of utility and CT Green Bank financing options and are promoting these options to customers.	The Companies are already implementing this recommendation. Financing options were included as a topic during contractor rollout and are on the EnergizeCT website.
EO/ECB - Existing Equipment: Work to streamline the application process for EO and ECB Existing Equipment projects.	The Companies have already begun implementing this recommendation. The Companies have consolidated the data collection form for retrofit from multiple spreadsheets to a single document that lists all the common measures, available on the EnergizeCT website. The Companies are also working on a portal to allow customers to check the status of an application based on the project number, and on automating emails from their tracking system so applicants know the status of their project.
ECB New Construction and Major Renovations: Focus program messaging on how the ECB program can reduce project costs in addition to annual and life cycle energy costs.	Eversource is already implementing this recommendation. The marketing information the utility has on the pathways addresses the financial benefits offered. A panel discussion at the Eversource Zero Net Energy (ZNE) conference in October is devoted to funding/financing net zero and will include a speaker from the CT Green Bank. The Path 1 technical support scope of work specifically offers assistance with lifecycle cost analysis.

Study Recommendations	Responses
ECB New Construction and Major Renovations: Expand program marketing, education, and technical assistance efforts to promote greater program awareness and address unfamiliarity with energy efficiency opportunities.	The Companies are implementing this recommendation. The Companies' code trainings will include content on programs and how to participate in addition to the technical code related content. Eversource also continues to host its annual ZNE conference.
ECB New Construction and Major Renovations: Program should consider additional outreach specifically to architect and design professionals to locate projects in early planning and design stages and connect with project leads.	Eversource is already implementing this recommendation. Eversource has a subscription to the Construction Market Data (CMD) database, and the utility will review data to track down project leads of all sizes every week. Eversource continues to cultivate relationships with developers and large repeat customers, as well as architects and engineers.
ECB New Construction and Major Renovations: Provide educational and workforce training opportunities to increase customer and trade ally understanding of energy efficient building construction and design practices.	Eversource is implementing this recommendation. Eversource is addressing the workforce via codes trainings. Eversource also continues to host its annual ZNE conference.
ECB New Construction and Major Renovations: Target financing, including C-PACE and on-bill financing, towards small and medium sized businesses.	The Companies are implementing this recommendation as feasible. The Companies are working with the CT Green Bank on rolling out the C-PACE offering specific to new construction. However, on-bill financing is not available for new construction projects.
ECB New Construction and Major Renovations: Improve program evaluability.	Consistent with other recommendations, The Companies have taken steps that will inherently address program evaluability in the future. The Companies already track square footage and participation pathways for all Energy Conscious Blueprint new buildings projects. The Companies will be adding a tag for multi-end-use incentives and we will be tracking EUI data on all Path 1 and 2 projects.
ECB New Construction and Major Renovations: New construction incentive levels in CT are much higher than neighboring states. Consider undertaking a systematic review of incentive levels to ensure they are cost effectively driving participation.	The Companies plan to re-examine the Energy Conscious Blueprint New Buildings/Major Reno program incentive rates in light of code change to IECC 2021 and expected new ISPs from C1902. When reviewing incentive levels, the Companies will consider expected changes in program savings resulting from the code change and the new baselines based on the C1902 study. We will assess whether it is reasonable to maintain or make modifications in the context of incremental costs and benefits anticipated. In

Study Recommendations	Responses
	addition, the Companies will compare CT incentive rates to neighboring states to ensure that they are reasonable.
BES Program: Expand outreach to new customers.	The Companies agree with this recommendation. The Companies will seek to engage more customer participation in BES services beginning in 2022. Opportunities that are in progress or under consideration include expanding eligibility in PRIME and EUA programs and utilizing relationships with manufacturing organizations to participate in regularly held conferences.
BES Program: Collaborate across utilities to better understand differences between UI and Eversource implementation and make changes where feasible to make participation more consistent.	Eversource agrees with this recommendation. Eversource is taking steps to clearly outline differences between United Illuminating and Eversource offerings, vendor pool, and incentive structures. Eversource has recently completed a refresh training course for the RCx program for Account Executives/Energy Efficiency Consultants at Eversource and also included United Illuminating staff who attended. For SEM, Eversource is collaborating in cross-utility cohort activity currently, and will work with United Illuminating to identify potential areas for more consistent delivery of SEM.
Differentiate program offerings and marketing strategies by customer size.	The Companies are already implementing this recommendation and will continue to explore opportunities to target program offerings and marketing strategies by customer size as appropriate.

R2120 Appliance Recycling Impact – Responses to Recommendations

Study Recommendations	Responses
Recommendation 1: The study recommends that the utilities adopt the Program Savings Document (PSD) updates listed in Table 7. (Refrigerators: Gross Savings = 932 kWh, Realization Rate = 0.90, NTG Ratio = 0.37; Freezers: Gross Savings = 760 kWh, Realization Rates = 0.83, NTG Ratio = 0.38)	The Companies updated the 2023 PSD to reflect the recommended updates to gross savings and realization rates listed in Table 7. For the NTG ratio recommendation, please see the Companies' response to Recommendation 3.
Recommendation 2: The program should keep the incentive at $30 but also offer special offers at higher incentive levels.	The Companies agree with this recommendation and will continue to both offer incentives at $30 and create special offers at higher incentives through 2022.
Recommendation 3: Should the program decide to permanently raise incentives, the NTG ratio should be raised to match those in Massachusetts and Rhode Island: 46% for refrigerators and 50% for freezers.	The Companies raised the 2023 incentives to match those in Massachusetts and Rhode Island. The Companies updated the 2023 PSD to reflect the NTG values based on this recommendation.
Recommendation 4: If and when Connecticut policy rules allow non-energy impacts in cost-effectiveness testing for this program, the study suggests that 40% of the materials reclaimed or recycled should be directly attributed to program efforts.	The Companies will keep this recommendation in mind for future use and will need assistance from the EA to provide a monetized value of the recommended NEI for recycled refrigerators and freezers. Of special interest is the reduction in greenhouse gases from reclaimed refrigerants.

X1931-5 Comm Refrigeration Efficiency Update Study - Responses to Recommendations

Study Recommendations	Responses
This study recommends the 2023 PSD commercial refrigeration ACOP values (for C&I Refrigeration LED, Evaporator Fan Controls, Evaporator Fan Motor Replacement, and Door Heater Controls) be updated to 1.88 for freezers and 3.35 for coolers.	The Companies updated the 2023 PSD with ACOP values from this study.

R1965/R2027 HP and HPWH Market Characterization and Reliability - Responses to Recommendations

Study Recommendations	Responses
Change program design to focus on both sales and usage of heat pumps	The Companies are in the process of implementing this recommendation. In 2023, the Companies will introduce several modifications to heat pump incentive levels and delivery that will help facilitate market adoption while minimizing supply chain, contractor, and customer confusion. The Companies intend to align the Energize CT Heat Pump Qualified Product List (QPL) efficiency requirements with ENERGY STAR 6.1 cold climate certification standards. Once enough equipment has been added to the ENERGY STAR maintained QPL (by 2024), the Companies intend to lean exclusively on ENERGY STAR cold climate certification and no longer maintain a QPL. This alignment will simplify midstream incentive requirements and support an increased focus on downstream fuel optimization incentives. This will introduce an opportunity for increased industry alignment and the elimination of the current tiered efficiency requirements, which focus largely on increased cooling efficiency (SEER). The Companies are currently running a heat pump pilot program that requires use of integrated controls for participation. In 2023, program changes include an integrated control requirement for fuel optimization rebates (not required for full displacement). The Companies are currently developing a heat pump system checklist and other customer facing resources to help educate customers on how to use their heat pumps, including a focus on using heat pumps for heating.
Include delivered fuels in baseline scenarios	The Companies have recently received approval to include delivered fuels in baseline scenarios and has been taking this approach for the heat pump pilot program. The Companies are working on incorporating this approach more broadly.
Increase technical and sales expertise of installers and distributors	The Companies are in the process of implementing this recommendation. The Companies are currently working to develop a heat pump installer network and are developing trainings. The Companies have also developed a series of trainings on heat pump technology that will be going live soon. The Companies are currently scheduling webinars to educate installers and distributors who are recommending installation of heat pumps to customers.
Increase program support and resources to participating distributors	The Companies are in the process of implementing this recommendation. The Companies already provide a qualifying product list to distributors and have an online rebate web portal. Eversource has dedicated program staff working to support the different distributors.

Work with distributors and retailers to stock HPWHs and ensure contractors have HPWHs available for same day replacement	The Companies already incentivizes distributors to keep HPWH stock available. The Companies also deployed a mobile instant discount portal to allow customers and contractors to receive instant rebate at participating retail stores. Contractors should have same day access to HPWHs through distributors and retailers.
Improve program tracking data quality	For Eversource, account numbers do match across programs already. However, the Companies agree that there is a need to work on continuous data tracking improvements and quality control. As part of COA No. 7, Avangrid will be providing all account and premise codes in data extracts, including crosswalks.
Further investigate opportunities to refine the programs and track market progress	The Companies agree there should be future research done, both through evaluation studies and implementation market research, to further investigate the heat pump and heat pump water heater market.

C1902a Connecticut Midstream C&I HVAC & Water Heating and Foodservice Net-to-Gross Review - Responses to Recommendations

Study Recommendations	Responses
Update the Connecticut PSD with the NTG values from this study—specifically 68% for the HVAC & Water Heating program and 81% for the Foodservice & Laboratory program.	The Companies updated the 2023 PSD with the NTG values from this study - 68% for the HVAC and Water Heating Equipment program and 82% for the Foodservice & Laboratory Program (since the program will be removing spray valves).
Adjust measure offerings for spray valves and furnaces to reduce free-ridership and increase attributable program savings	The furnace recommendation has already been implemented via a recent increase to the program efficiency requirement. The Companies plan to remove spray valves from the program in 2023.
Increase oversight of the rebate passthrough requirement	As is noted in a footnote of this recommendation, the Companies have regular audits to make sure distributors are including the incentive as a line item on equipment invoices. In order to further address this issue, the Companies will remove distributors from the program if they are repeatedly found to not be including the incentive as a line item. The Companies plan to begin sending cards to end-users to thank them for their participation in the program and to encourage contractors to better inform end-users about the program.
Increase program marketing targeting end-users, including sustainability departments at large or institutional customers	As is noted in a footnote of this recommendation, the Companies are expanding marketing through the EnergizeCT website and on LinkedIn to better reach key decision makers such as business owners. The Companies also noted that midstream programs are intended to use distributors and dealers for promotion and advertisement of program discounts, and that mailers sent directly to end-users have not always been productive since those emails or mailers often end up with the wrong people in an organization. The Companies also plan to hold more contractor trainings to educate contractors about the programs and

	hold trainings at participating dealers/distributors for end users to see new equipment (e.g., induction cooktops).
Consider streamlining pre-approvals and payment processing, particularly for large projects	Eversource is aware that this process can be difficult, and we have worked to address this. Eversource has hired two contractors that check for pre-approvals and account verifications daily. Prior to hiring the contractors, Eversource staff were only able to check for pre-approvals and account verifications once or twice a week. AVANGRID will explore expanding staff or inclusion of contractors where feasible.
Consider directing certain interested customers to the downstream rebate program	When appropriate, the Companies will direct interested customers to the downstream rebate program. We agree it would be good to realize deeper energy savings by sending customers to the downstream rebate program where there is a more custom approach; however, typically customers are participating in the midstream program because they need to install equipment as soon as possible. In most cases, we cannot ask the customer to wait to consider a custom project because those typically take months to complete.

X1932 DR EM&V Study - Responses to Recommendations

Study Recommendations	Responses
Eversource ConnectedSolutions Wi-Fi Air Conditioners Recommendation 1: Assess device manufacturer's data quality prior to their inclusion in the program. The quality of telemetry data varies by manufacturer. The absence of accurate telemetry creates uncertainty regarding the program performance. If a device manufacturer is unable to provide this data, there is no assurance that demand response events are being dispatched to the customer and no way to quantify their load reductions.	Eversource agrees with this recommendation. Eversource will make a plan to review the data quality from device manufacturers before their inclusion in the program.
Eversource ConnectedSolutions Wi-Fi Air Conditioners Recommendation 2: Ensure device manufacturers provide guidance on when a unit is drawing power. Even with adequate state-change data, assumptions must still be made about the power draw of the unit. Without clarification from the manufacturers, the assumption implemented could either be over-stating or under-stating the load of these devices.	Eversource agrees with this recommendation and will make a plan to gather information from manufacturers to indicate when the unit is drawing power before their inclusion in the program.
Eversource ConnectedSolutions Wi-Fi Air Conditioners Recommendation 3: Make curtailment algorithms more aggressive. Window AC and mini splits have small peak loads and on average, these devices reduce electric load for the cooling end use by 38%, as compared to the 58%	Eversource agrees with this recommendation. The current vendor is no longer in business to run this program and Eversource is exploring alternatives. Eversource will work with manufacturers to explore options for making curtailments more aggressive while balancing the potential

Study Recommendations	Responses
reduction from the Eversource Wi-Fi thermostat program4. The Wi-Fi thermostat program controls central ducted systems rather than Window AC units, which may allow for more aggressive curtailment. The Connected Solutions program can't affect equipment size and reference load. If program economics are strained with average kW impacts of 0.12 kW per device, Eversource might explore with the equipment manufacturers curtailing cooling operations more aggressively to produce larger load reductions. More aggressive control can result in attrition due to participant discomfort during events so finding the right curtailment strategy is a balancing act for the utility.	impacts on customer attrition should the Window A/C demand response program continues.
United Illuminating Smart Savers Rewards Recommendation 1: Use AMI data where it is available. The quality of runtime data varies widely by device manufacturer, which creates caveats when using this data for evaluation purposes. Using data from United Illuminating's AMI network instead would allow for a more straight-forward calculation of program impacts.	United Illuminating generally agrees with this recommendation. However, the current approach is the industry standard for BYOT and the inclusion of individual customer AMI data will add cost/resources. United Illuminating will need to investigate the potential increase in cost for this recommendation. According to United Illuminating's residential demand response vendor, the standard practice for their BYOT programs is the use of thermostat run time data and an average connected load to calculate reductions. United Illuminating's residential demand response vendor has no current system, set up or process that can ingest the vast amounts of AMI data required to calculate individual reductions per customer thermostat. United Illuminating to update program at end of current contract.
United Illuminating Smart Savers Rewards Recommendation 2: Revise the connected load assumption to 2.1 kW per thermostat. The current assumption used to convert AC runtime, 3.5 kW, is too high for Connecticut and leads to overstated cooling load and ultimately the DR impacts for this program. Given the limitations that are presented when discussing the connected load calculations, this connected load assumption should be further studied in the future.	United Illuminating's residential demand response vendor has found that 3.5 kW is the current industry average value for all their utility residential BYOT customers, including many utilities who have engaged third-party evaluators to validate thermostat demand response program results. In some cases, United Illuminating's residential demand response vendor has customized utility clients load per thermostat value after conducting program evaluation studies from mature programs utilizing appropriate sample sizes and quality data to achieve statistically valid results. Program updates to use the new value will be part of next contract with existing or new vendor.

Study Recommendations	Responses
United Illuminating Smart Savers Rewards Recommendation 3: Require thermostats to be assigned to a child group for dispatch. When thermostats are registered to the Smart Savers program, they are placed into groups based on their characteristics. At first, all thermostats are placed into a parent group of "UI Thermostats." Based on the customer's classification, thermostats should then either be placed into the "Residential Central AC" or the "Small Business Central AC" child group.	The no child group has been removed and all thermostats assigned to the residential or the small business group.
United Illuminating Wi-Fi Enabled Heat Pump Water Heaters Recommendation 1: Target less efficient equipment. The high efficiency of HPWHs severely limits the DR potential of the program. Even with the expansion of more devices, this program will be limited in aggregate impacts. Recommendation 2: Target equipment with coincident loads. Since residential water heating load is highest in the morning and summer and winter peaks occur in the afternoon and evening, respectively, direct load control of water heaters provides less value in the in Connecticut than a system with winter peaks in the morning hours. Recommendation 3: Do not enroll additional devices from manufacturers who cannot supply quality telemetry. Reliable hourly or sub-hourly device-level operating data should be a pre-requisite for inclusion in any connected device demand response program.	United Illuminating agrees with these recommendations; however, this program is not being renewed for 2023. United Illuminating will continue to seek out other demand response opportunities in the water heating field.
United Illuminating C&I Auto Demand Response Recommendation 1: Implement a clear settlement baseline methodology that is consistently applied. This will increase fairness and transparency, particularly for the settlement baseline methodology for sites with solar generation, which was not well-defined nor systematically replicable.	United Illuminating agrees. As more customers are included in the program, clear baselines will be established. New baselines will be reviewed and approved by the EA team.
United Illuminating C&I Auto Demand Response Recommendation 2: Use a same-day event notification that occurs after the adjustment period. Same-day notification can improve baseline adjustments by decreasing the	For all United Illuminating C&I demand response programs, customers are given a 24-hr. notice of all demand response events – excluding system related emergencies. Anything less than 24 hrs. would require new contracts with existing

Study Recommendations	Responses
probability of event-related load effects or gaming during the adjustment window. If participants are notified of an event prior to the interval(s) used to adjust the baseline, there is a chance of influencing loads (up or down) by knowledge of and preparation for the upcoming event. Since the demand response strategies are automated, we believe the program is well-positioned to implement this without significantly increasing participant burden, decreasing participant satisfaction, or raising customer recruitment barriers.	customers and may make it harder for United Illuminating to enroll customers. In most demand response programs that look to bring relief to a local distribution system, the day ahead or 24-hour notice is standard. United Illuminating will negotiate this recommendation for upcoming contracts.
United Illuminating C&I Auto Demand Response Recommendation 3: Establish a load predictability requirement. Successful assessment of load reduction for a DR program, either for settlement or ex post evaluation, requires a balance of site-level load predictability with the expected magnitude of load reduction.	United Illuminating is implementing a load predictability requirement based on a customer site assessment. There is a demand response audit prior to a contract.
United Illuminating C&I Auto Demand Response Recommendation 4: Define how to handle the presence of solar, since it is a substantial issue for the measurement of DR. For sites with solar generation, the program should obtain the solar production data to reconstitute site load and then estimate customer baseline load and load reduction.	United Illuminating now implements during the site assessment an analysis of any solar generation. For all United Illuminating sites with solar generation, the program utilizes solar production data to reconstitute site load and then calculates the customer baseline load and load reduction.
United Illuminating C&I Auto Demand Response Recommendation 5: Build on the pilot's level of customer participation and event frequency to create a grid resource that is more reliable and more evaluable than the limited 2019 pilot activity. Greater numbers of participants can be expected to provide more reliable load reduction estimates, whereas smaller population sizes, such as that seen in this study, can be prone to the nuances of one or two customers having an outsized influence on the overall result.	United Illuminating is applying this recommendation. Currently, United Illuminating does not have distribution system grid reliability issues. Current demand response load reduction will be used to mitigate future distribution system issues.
Value of DR as a Grid Resource Recommendation 1: We recommend the state encourage the possibility of utilizing a different cost-effective test, which is a state level decision. Monetizing and incorporating additional value streams including avoided environmental and compliance costs as seen in other states can boost program cost-effectiveness	While this recommendation is directed to the state, the Companies support this recommendation and note that DEEP has developed an updated approach to current cost effectiveness practices in Connecticut. In DEEP's Final Determination, the agency recommended a new Connecticut Efficiency Test (CTET) that applies the

Study Recommendations	Responses
and help meet state policy goals like decarbonization and enhanced environmental quality. Regulators direct utilities in other states to monetize or use proxy values to account for a variety of environmental externalities. Considering additional avoided costs that reflect reduced environmental impact or increase human wellbeing—in the primary test—can bring forth identification of potentially new value streams but do require a benefit cost framework that allows them.	principles of the Modified Utility Cost Test to all programs and captures program impacts on avoided greenhouse gas emissions and energy affordability.
Value of DR as a Grid Resource Recommendation 2: Consider bidding DR resources into the ISO-NE market. By not participating in the ISO-NE market, UI and Eversource forego a base payment for availability and a pay-for-performance payment when ISO-NE calls on resources to reduce load. Instead, program economics rely on the premise that peak shaving will lower their peak load forecast and future capacity obligations. If the EDCs opt to pursue wholesale recognition of their DR programs, there are ways to mitigate participation risks (e.g., using qualified Curtailment Service Providers or aggregators) to make the risk profile of participating more acceptable. Note that FERC 2222 requires ISO and distribution companies to coordinate DER participation in both markets.	This recommendation fails to recognize that customers, aggregators, and curtailment service providers can currently bid demand response assets that participate in Connected Solutions into ISO-NE's FCM and earn the associated revenue directly. Without the ConnectedSolutions program, those assets would be participating in the FCM and calling those associated events. Accordingly, FCM participation is not a marginal claimable benefit the ConnectedSolutions program can provide to ratepayers. Paying incentives to those customers or aggregators would constitute free ridership. Instead, given the counterfactual baseline of those assets already participating in the FCM, the ConnectedSolutions program provides additional value to ratepayers and asset owners/operators by incentivizing non-market activity. This outcome is achieved by requiring ConnectedSolutions program assets to not dually report the same individual event dispatch to both ConnectedSolutions and ISO-NE. Further, consolidating the market and non-market revenues of those assets into a single revenue stream through the ConnectedSolutions program would make those assets dependent on ConnectedSolutions for revenue, potentially increasing the risk profiles those assets by reducing the diversity of the revenue portfolios.
Study Implications for the CT PSD Recommendation 1: Standardize the reporting methods and criteria for quantifying the capability and value of demand response programs.	The Companies agree with the recommendation and will document basic definitions, methods, and assumptions for demand response programs in the PSD.

X1931-4 New Measure Advanced Lighting Controls - Responses to Recommendations

Study Recommendations	Responses
This study recommends that LLLCs (defined as network-capable fixtures with integrated occupancy sensing, daylight diming, and high-end trim) receive the 49% savings factor prescribed in phase 1, if commissioned.	The Companies agree with this recommendation; however, note that the 49% savings factor would be applied to an LLLC that is commissioned and networked.
This study recommends the creation of the additional control category, integrated fixtures with room-based controls, and this measure will adopt a 38% savings factor, the highest value of a non-networked controls and apply to those fixtures that would otherwise be an LLLC if they were networked and commissioned.	As brought up on the 7/29/2022 presentation, having a framework or consistent structure for commissioning ALCs has been the biggest question regarding how advanced measures can be implemented, since it determines whether an LLLC gets assigned a 49% of 38% savings factor. Still, the Companies agrees with the recommendation and use customer validation to see if the system was networked and commissioned. If not validated, they will get 38%.
This study recommends that program implementers work with evaluators and the EA team in CT to define the exact parameters required for an LLLC to be considered networked and commissioned.	The Companies agree with this recommendation and look forward to working with the EA team and evaluators on these parameters. Moreover, a process involving the program implementors, EA team, and evaluators to stay abreast of how the lighting controls market evolves should be considered (e.g., technology improvements that would require updates to the definition of networking).
If a program cannot ensure that a network is commissioned, the non-commissioned, integrated fixture with room-based controls value should be used. This includes upstream/midstream programs.	The Companies are exploring how this would be implemented, as current programs are designed to ensure each LLLC installed is commissioned. Currently, each program has a different method to ensuring commissioning based on pathway (e.g., upfront customer forms for custom, post-installation audits for midstream). Yet as greater emphasis gets placed on lighting controls, lighting commissioning tactics may need to change to accommodate for increased volume through different pathways. As such, the Companies would also like to further discuss how to make sure that those commissioning options and strategies are consistent with the EA and the evaluator's expectations commissioning LLLCs. The Companies and EA Team will find a time in the next three months to have a meeting to discuss commissioning.
Due to the small number of CT custom project data files and relative infancy of the advanced technologies, the study team recommends a future study to review installation practices for LLLCs, verification of LLLCs and NLCs, and metering for ALCs to accurately quantify the savings factors and coincidence factors.	The Companies agree with this recommendation.

X2001 EUL Residential Measure Lives - Responses to Recommendations

Study Recommendations	Responses
Recommendation 1: Consider conducting future EUL research similar to this for measures that meet the criteria of high levels of participation, large contributions to Connecticut's energy efficiency portfolio, and are able to be easily observed and self-reported by participants. We also recommend additional future research on the measures included in this study, as new cohorts of participants can be added to this data to bolster these results.	While the Companies see value in this recommendation, research decisions are ultimately made by the EEB.
Recommendation 2: Update the EUL values in the PSD for the measure types with adequate precision levels. We recommend including an EUL value of 20 years for air source heat pumps, 17 years for ductless heat pumps, 15 years for heat pump water heaters, and 25 years for central air conditioners. We recommend continuing to use the values in the PSD for natural gas furnaces and insulation, as the estimates for these measures did not meet our threshold of 90%/40% confidence/precision.	The Companies agree with this recommendation and also updated the 2023 PSD accordingly.
Recommendation 3: Conduct additional research on natural gas furnaces and insulation to develop EUL estimates with better precision that can be used to update the PSD in the future.	While the Companies see value in this recommendation, research decisions are ultimately made by the EEB.
Recommendation 4: Although many small businesses use residential equipment, the Evaluation Team currently does not recommend using the EUL values from this study in commercial applications. Although the equipment lifespans are similar in residential and small commercial applications, the results from this study do not account for the removal or replacement of equipment due to business turnover.	The Companies agree with this recommendation and will continue to use the existing values in the PSD.
Recommendation 5: Where practical, programs should document the age of the replaced equipment at a site-specific level and use the RUL values in Appendix B for air source heat pumps, ductless heat pumps, heat pump water heaters, and central air conditioners when calculating retirement savings. Where the age of the existing equipment cannot be determined, programs should use the recommended values from the table below. For natural gas furnaces and other measures without an RUL specified in the PSD, we recommend continuing to use the common practice of 1/3 of the EUL.	The Companies agree with this recommendation and will adopt the RUL values in Appendix B where practical and continue using the 1/3 of the EUL where impractical.
Recommendation 6: Consider using this survey-based methodology for future EUL studies of easily identifiable measures like those selected for this study. Also consider using the combination of respondent-provided photographs and follow-up interviews for other evaluations and studies where additional verification may be desired but site visits are too costly.	While the Companies see value in this recommendation, research decisions are ultimately made by the EEB.

X1942A Cross-cutting NEI Study – Utility NEI and Arrearage Data Analysis Results - Responses to Recommendations

Study Recommendations	Responses
Add the NEIs that were monetized in this study to the PSD (Reduced Arrearage Carrying Cost and Reduced Bad Debt Write-off)	The Companies added the NEIs that were monetized in this study to the 2023 PSD.
Neither Eversource nor UI currently tracks data on customer notices, collection calls, and safety-related emergency calls in a systematic manner. Because of the absence of data on these metrics, any potential utility and participant NEIs associated with fewer notices, collection calls, and safety-related emergency calls as a result of HES-IE program participation could not be quantified in this study. The typical annual per-participant values found in the literature for weatherization programs for NEIs associated with fewer notices, collection calls, and safety-related emergency calls, are $0.60, $0.90, and $3.25, respectively. The study team recommends that the utilities either use these values from the literature or start tracking these metrics so that future NEI studies could quantify the associated NEIs specific to HES-IE program participants.	The Companies agree with the recommendation to use the NEI values for few notices, collection calls, and safety-related emergency calls that the study identified from literature. The Companies also recognize improvements that can come from the recommendation to track these metrics. The Companies will implement this recommendation as feasible. There are concerns about the Companies' ability to track some of these metrics (such as safety related emergency calls since those would typically go through 911 rather than the Companies).
The customer account numbers included in the HES-IE program tracking data were different than those tracked in the customer shutoffs and arrearage data from UI, CNG, and SCG. In order to be able to link the data for the same customer across the different datasets in the future, the study team recommends that the HES-IE program tracking database include the customer account numbers used by the billing department.	AVANGRID will provide tracking data files with the appropriate customer account numbers or cross-reference files as needed for historical data. The new tracking system implementation will use the same customer account numbers defined by the billing department. Avangrid and the EA will work jointly to prioritize and develop a plan toward phasing in the priority recommendations within 2023.
The study found that the reduction in the number of shutoffs due to non-payment was not statistically significantly different from zero. A potentially confounding factor for that analysis was a change in the enforcement of service disconnection due to non-payment policy by Eversource. The study team recommends that utility and participant NEIs related to shutoffs and reconnects be revisited in a future NEI study.	The Companies agree this should be revisited in the future.

2014 C&I Lighting Saturation and Remaining Potential Study - Responses to Recommendations

Study Recommendations	Responses
Market Insight 1: The natural adoption of standard TLEDs has reached or is close to the peak of the market, and the price of TLEDs has decreased from historical rates to a point where there is now minimal opportunity for programs to generate significant savings moving forward. However, there may still be pockets of customer segments where TLED incentives can transform the market and deliver benefits, like in EJCs. Programs incentives for controllable technologies, like networked TLEDs or LED luminaires with advanced or networked controls, are still needed to push customers towards controllable technologies to mitigate the impacts of stranded savings.	The Companies are having an ongoing discussion regarding future support for TLEDs. While the utility agrees that the TLED market is maturing, TLEDs could become more efficient over time and therefore continue to be a cost-effective measure.
Market Insight 2: Since many customers are satisfied with the performance of the TLEDs and there is some uncertainty around what types of situations or conditions where it would be cost-effective to replace TLEDs with LED luminaires, the opportunity for a targeted TLED replacement program is likely minimal. However, there may be some situations where replacing a TLED with LLLCs or luminaires with NLC may be cost-effective, but more work is needed to understand the benefit-cost ratio and customer willingness-to-pay for these types of projects.	The Companies currently allow replacement of TLEDs with LED luminaires in the custom pathway. The Companies agree that additional information would be needed to understand how such replacements could occur in other pathways.
Market Insight 3: it's challenging, although not impossible, to add controls after LEDs are already installed. For older TLED systems, this is especially challenging. For newer LED luminaires installed without controls, it may be easier to install controls after a project is completed, especially given the technology improvements and new DLC standards for luminaires. Given these challenges, it's important to incentivize controls capabilities as part of the initial install/project.	The Companies are currently offering incentives for controls and has the ability through the custom program to incentivize controls on previously installed LEDs and TLEDs. Yet would need to further explore how they are being applied in other pathways/programs.
Market Insight 4: Savings from lighting controls systems are dependent on the installation and appropriate commissioning, which is dependent both on the space type and usage patterns. Pre-commissioned fixtures will have some savings, but don't necessarily maximize the savings opportunity. Continued contractor training is an important tool for ensuring that these fixtures are commissioned accurately. Tracking the specific controls capabilities of installed fixtures, and to what extent they are being deployed correctly, can help inform future program design to maximize savings.	Due to how the market perceives to define commissioning, the Companies believe that it is important to potentially reclassify that process (e.g., advanced commissioning), preferably by providing more specificity that would facilitate higher incentives and achieve additional savings. In addition, because commissioning is a process, training and education must also other project stakeholders (e.g., project managers, manufacturer reps) in addition to contractors.

Study Recommendations	Responses
Market Insight 5: due to the limited uptake to date associated with networked lighting controls, there is likely limited opportunity to pursue a program solely targeting retro-commissioning networked lighting systems. However, ensuring that commissioning efforts aimed at Integrated fixtures with Room-Based Controls, LLLCs, and NLCs will help capture the full measure potential. While the opportunity for retro-commissioning networked lighting controls is small, there is likely more opportunity associated with retro-commissioning programs that focus on non-networked LLLCs and fixtures with integrated controls. As networked systems gain market share, there could be an opportunity down the road to increase savings through a targeted retro-commissioning program.	The Companies' current retro-commissioning efforts focus on energy management systems. While the Companies will monitor this market development, additional information will be needed to understand how to incorporate retro-commissioning of lighting into its current work portfolio (e.g., vendor network, savings potential).

C1902B Energy Conscious Blueprint Baseline and Code Compliance Study - Responses to Recommendations

Study Recommendations	Responses
LIGHTING. The study team recommends using an adjustment factor of 40% better than IECC 2015 and 20% better than IECC 2021 (2022 PSD) in the PSD across the board for all building types. This recommendation may be applicable to projects involving new interior lighting installations (true new construction and major renovations).	The Companies will apply the new baseline recommendations to Path 3 and 4 projects. We will apply these baselines with new project initiations starting January 1, 2023. New Buildings and Major Renovation projects in CT will receive the baseline that was in place when the projects were initiated. Project initiation is defined as the earliest of the following milestones that could occur, depending on the project and Energize CT Sponsor: 1) Memorandum of Understanding date; 2) Date of signed Design Agreement for studies; 3) Signed Project Intake Form, or 4) Date Data Collection Form received.
UNITARY AC SYSTEMS Given the large sample size for packages DX units with capacities lower than 65,000 Btu/h, the study team recommends updating the baseline efficiency to 15 SEER. Although, for DX units with sizes between 65,000 Btu/h and 135,000 Btu/h, the sample size was small, the study team recommends updating the efficiency for this size category to 12 EER. Similarly, the study team recommends updating the baseline efficiency to 14 SEER for split units with capacities lower than 65,000 Btu/h.	The Companies will apply the new baseline recommendations to Path 3 and 4 projects. We will apply these baselines with new project initiations starting January 1, 2023. New Buildings and Major Renovation projects in CT will receive the baseline that was in place when the projects were initiated. Project initiation is defined as the earliest of the following milestones that could occur, depending on the project and Energize CT Sponsor: 1) Memorandum of Understanding date; 2) Date of signed Design Agreement for studies; 3) Signed Project Intake Form, or 4) Date Data Collection Form received.

Study Recommendations	Responses
HEAT PUMP We recommend updating the heating and cooling baselines for these systems in the PSD to 10.2 HSPF and 17.3 SEER, respectively. The Companies are making efforts to align the heat pumps requirements in the residential and C&I programs. An evaluation, R1968, is underway that will provide new baselines for heat pumps in the residential new construction program. We recommend referencing baseline values from that evaluation for heat pumps less than 65,000 Btu/h along with the ones provided in this study.	The Companies will apply the new baseline recommendations to Path 3 and 4 projects. We will apply these baselines with new project initiations starting January 1, 2023. New Buildings and Major Renovation projects in CT will receive the baseline that was in place when the projects were initiated. Project initiation is defined as the earliest of the following milestones that could occur, depending on the project and Energize CT Sponsor: 1) Memorandum of Understanding date; 2) Date of signed Design Agreement for studies; 3) Signed Project Intake Form, or 4) Date Data Collection Form received.
VARIABLE REFRIGERANT FLOW Within the sample, multi-split VRF systems with heat recovery and with capacities between 135,000 Btu/h and 240,000 Btu/h and greater than 240,000 Btu/h were most prominent. The study team recommends updating the cooling baseline efficiency for these systems in the PSD to 12 EER and 10 EER, respectively. The team recommends updating the high temperature heating baseline for multi-split VRF systems with heat recovery and with capacities between 135,000 Btu/h and 240,000 Btu/h to 3.7 COP. Similarly, team recommends updating the low temperature heating baseline for multi-split VRF systems with heat recovery and with capacities between 135,000 Btu/h and 240,000 Btu/h and greater than 240,000 Btu/h to 2.9 COP and 2.2 COP, respectively.	The Companies will apply the new baseline recommendations to Path 3 and 4 projects. We will apply these baselines with new project initiations starting January 1, 2023. New Buildings and Major Renovation projects in CT will receive the baseline that was in place when the projects were initiated. Project initiation is defined as the earliest of the following milestones that could occur, depending on the project and Energize CT Sponsor: 1) Memorandum of Understanding date; 2) Date of signed Design Agreement for studies; 3) Signed Project Intake Form, or 4) Date Data Collection Form received.
DOMESTIC HOT WATER HEATERS Instantaneous and storage gas heaters (primarily condensing) accounted for 43% and 38% of water heaters in the sample. We recommend updating the baselines for these two measures in the PSD from 80% to 95%.	The Companies will apply the new baseline recommendations to Path 3 and 4 projects. We will apply these baselines with new project initiations starting January 1, 2023. New Buildings and Major Renovation projects in CT will receive the baseline that was in place when the projects were initiated. Project initiation is defined as the earliest of the following milestones that could occur, depending on the project and Energize CT Sponsor: 1) Memorandum of Understanding date; 2) Date of signed Design Agreement for studies; 3) Signed Project Intake Form, or 4) Date Data Collection Form received.
TRACKING DATA As the restructured new construction programs mature, the utilities should start to distinctly record the project path (1 through 4). This will help clear identification of project tracks to facilitate future studies.	The Companies do identify the project pathway for each project, through occasionally projects that go through Path 4 are left unlabeled. The Companies will work on ensuring project pathways are identifiable.

R1983 HES NTG Review - Responses to Recommendations

Study Recommendations	Responses
The NMR team recommends the measure-level free-ridership (FR) values and installation rates, along with a program-level participant spillover (SO) rate of 7%, as shown in Table 1.	The Companies updated the 2023 PSD to reflect the recommended free-ridership values, spillover rates and installation rates for measures offered through the HES single family program.

R1983 HES / HES-Income Eligible Gas Weatherization- Responses to Recommendations

Study Recommendations	Responses
The evaluation team recommends the companies apply a placeholder gross realization rate of at least 50% (relative to the reported savings for 2019 participants) for air sealing and insulation for associated with all heating fuel types both programs pending the completion of R1983.	The Companies updated the 2023 PSD to reflect the recommended 50% realization for all fuel types; electric, gas and delivered fuels for both HES and HES Income Eligible single-family programs.

R2015 - Low Load and All-Electric Residential New Construction- Responses to Recommendations

Study Recommendations	Responses
Update tiers of offerings to place greater shares of the incentives at higher efficiency levels by eliminating the 51 to 60 HERS level from its HERS-based rebate.	For 2023, the Companies have adjusted the HERS tiers to reflect changes in the new state building code. The Companies adjusted the HERS tiers to eliminate anything in the 56-60 range. So, the starting HERS is 55, which is in line with the new state building code.
Increase the enhanced incentives associated with standards that address identifiable future needs, including the All-Electric bonus incentive and the Zero Energy Ready Homes bonus incentive.	The Companies agree with this recommendation. In 2023, the Companies have increased the incentives on the All-Electric Bonus side and for the Zero Energy Ready Home incentive, which aligns the Companies with the *Inflation Reduction Act of 2022.*

Study Recommendations	Responses
Expand non-financial offerings to builders and other market actors in the new construction and major renovation market to more strongly support the transition toward very low load all-electric buildings through greater use of “market transformation” approaches. Doing so would involve greater emphasis on industry-wide and market-wide activities already included in the program plan, such as education, training, and engagement of a wide range of market actors and technical training related to Passive House standards and building science; and publicization of CT Zero Energy Challenge winners. Further ideas to consider include: Demonstration sites; Engagement with builders and remodelers that is tailored to their current practices, including more work with individual builders on repeatable building plans and construction crew/subcontractor training on how to effectively and efficiently build these particular homes; Integration of program efforts with other Energize Connecticut efforts that are seeking to overcome barriers to certain electric alternatives to equipment that has traditionally been gas-fueled (like water heaters, cooktops, and fireplaces); and Working with the real estate industry to establish sustained demand for high efficiency and all-electric new construction and sustained benefit of high-performance homes at resale.	The Companies agree with the recommendation to continue and expand market transformation approaches. The Companies are unable to do something like demonstration sites because of safety and privacy issues. The Companies are already meeting with builders about building plans, so the utilities will continue to engage with builders and modelers in the development of building plans. The Companies are also trying to integrate with other program efforts and are actively looking at other EnergizeCT programs to align their standards with the other offerings. The Companies provide a lot of education and training for this program and will continue those efforts.
Continue to promote Zero Energy Ready Homes for its single-family program offering and Passive House-consistent approaches for its multifamily offerings.	The Companies agree with this recommendation.
Continue to require electric vehicle (EV) and photovoltaic (PV) readiness and expand these expectations to include battery storage readiness. Add the optional distribution by builders to their home purchasers of program-vetted information about the costs, benefits, and processes involved in adding PV and storage and facilitate adoption by interested homeowners with connections to relevant program offerings.	The Companies will continue to require EV and PV readiness. The Companies are more holistically looking at demand response readiness with battery storage being a component, but more planning needs to be done. Over the next year, the implementation team will work with subject matter experts on this topic in order to produce a standard for "battery storage readiness".

Study Recommendations	Responses
Promote demand response and dynamic pricing "readiness" as part of encouraged home design attributes in its residential new construction program. This would involve: Inclusion of control systems or interfaces that the Connecticut utilities' demand response programs do or could use if homeowners chose to participate in demand response offerings; Inclusion of in-home electric usage displays to provide feedback for homeowners interested in monitoring or controlling their energy usage, along with promotion of time of use rates and supporting information about strategies for managing usage across rate periods; Coordination with existing PV and storage programs and exploration within any roadmap study of the specific opportunities for integration of these programs and efforts by Connecticut Green Bank with new construction.	The Companies agree with the recommendation to promote demand response within this program. The Companies are currently exploring demand response readiness.

X2022 - Connecticut Education, Workforce Development, and Community Engagement Evaluation

Study Recommendations	Responses
Workforce Development Training Recommendation #1: Develop goals, outcomes and associated activities to expand and enhance the contractor base	The Companies have recognized the previous disconnect in goals, outcomes, and activities and have worked to rectify it. The Companies have conducted research to develop their workforce development strategy and will continue to identify the needs of their contractor base and identify necessary trainings.
Workforce Development Training Recommendation #2: Develop course series that cover breadth and depth of key topics and use adult learning principles	The Companies can identify where training is needed based on program performance. The Companies then rely on the training agencies to develop and administer the curriculum using best practices.
Workforce Development Training Recommendation #3: Develop metrics to accurately track progress towards goals and codify current tracking standards	The Companies agree with the importance of tracking metrics. The Companies plan to administer pre and post surveys that will be standard across the board. The Companies also plan to survey the performance of the training instructor and whether the activities and materials being provided are enough to aid with learning and application.

Study Recommendations	Responses
Workforce Development Training Recommendation #4: Increase diversity of participants within trainings	The Companies have worked to engage diverse groups and populations and will continue to do so. However, the Companies would need additional resources to expand beyond their current outreach. Similarly, the Companies cannot stand up their own internship/apprenticeship program without additional resources.
Workforce Development Training Recommendation #5: Create training marketing/recruitment strategy	The Companies would like to have a broader reach for trainings and plan to investigate this. The Companies do not have much of an avenue to reach folks beyond their current network.
Workforce Development Training Recommendation #6: Provide additional resources for attendees	The Companies agree and are exploring the opportunity to have regular meetings for networking and connecting stakeholders. Outside of the workforce development trainings, some of the energy efficiency programs are exploring networking events with contractors where utility staff block off time to allow vendors to set up networking calls with them to build connections and receive program information.
Green STEP (Sustainable Technical Education Program) Recommendation #1: Identify overlap and gaps between Green STEP activities and CTECS core curriculum and activities and adjust Green STEP to fill those gaps and enhance what CTECS is already doing related to Clean Energy	The Companies agree with this recommendation. The Companies plan to supplement what is being done for CTECS and work to fill in gaps. The Companies will continue to work closely with CTECS and individual schools to supplement their current offerings.
Green STEP Recommendation #2: Increase funding for new E-houses and updates to current E-houses	The Companies agree and will continue to offer assistance with E-Houses. The offer to assist with E-houses is with CTECS and the Companies are working with CTECS schools on what is needed to complete their E-houses. The Companies have made some headway since they re-initiated E-houses again last year, assisting three CTECS schools with needed materials to complete their E-houses. The Companies are continuing to work with CTECS to complete additional upgrades to existing E-houses and to start E-houses at CTECS schools that currently do not have them.

Study Recommendations	Responses
Green STEP Recommendation #3: Create a tool Lending Library	The Companies will further investigate the needs for a tool Lending Library. At the moment, it seems like the schools have most of what is needed. The Companies are currently in the process of issuing an RFP for the Education programs and the new vendor will support this initiative.
Green STEP Recommendation #4: Create magnet programs by investing more heavily in a limited number of schools	The Companies must make Green STEP available to all schools. However, the Companies invest more heavily in schools that show more interest. Last year, the Companies piloted an afterschool program to CTECS schools. This allowed students from all CTECS schools to participate even if their current CTECS school did not have a large interest in Green STEP. This gives all students the opportunity to participate in Green STEP. This alternative method will also be offered to all CT high schools starting in the summer of 2023.
Green STEP Recommendation #5: Integrate milestones and metrics tracking into the program processes	The Companies agree with this recommendation and are working to improve tracking. The Companies track courses and whether students pass. The Companies are now asking participants to provide their emails so the utilities have an avenue to contact them with follow up questions. Additionally, in the RFP for education vendors, the Companies have asked the new vendor to develop a comprehensive tracking system. However, the Companies cannot require students under 18 to provide contact information. Obtaining this information is only possible for senior grades at events such as the Career Fair.
eesmarts Recommendation #1: Establish program goals and outcomes that tie to energy savings	The Companies do not agree that the eesmarts program goals should be tied to energy savings. The eesmarts program creates indirect energy savings. In the eesmarts program, the Companies send information home with the students so their parents can take advantage of the programs. Those energy savings then show up in the respective programs. The Companies are working to somehow track the indirect connection from education program to participation in the energy efficiency programs.

Study Recommendations	Responses
eesmarts Recommendation #2: Reinforce connections with families to expand the reach of the program and enable data tracking	The Companies agree with the recommendation to reinforce connections with families to expand the reach of the program and enable data tracking. An example of this is the Companies recently sent home students with a goodie bag that included information about programs and an energy pledge magnet and post card. Students and their families will then make a pledge of energy actions to take (i.e., shut off the lights). The magnet will be placed on the refrigerator as a reminder and the post card with the family pledge will then be mailed back to the applicable Company to be entered into a raffle.
eesmarts Recommendation #3: Leverage known behavior-change strategies to motivate energy saving	The Companies agree with this recommendation and are currently leveraging some behavior-change strategies with students (such as the Student Contest, Teacher Professional Development, in-class presentations, and community event presentations).
eesmarts Recommendation #4: Build collaboration between all school staff into program processes	The Companies plan to consider this recommendation for future years since they have limited time with each classroom.
eesmarts Recommendation #5: Continue and expand multiple training approaches	The Companies agree with this recommendation. The Companies have and will continue to expand on making the lessons and materials available online or in person based on request.
eesmarts Recommendation #6: Establish statewide goals but focus locally to ensure diverse and equitable participation	The Companies do currently target distressed communities in this program, and they will increase the goal for the percentage of distressed communities served in the next school year.
eesmarts Recommendation #7: Redesign the program to focus on changing energy-saving behaviors or use of other funding streams (not rate-payer dollars) to support this program	The Companies disagree that the program does not currently focus on changing energy-saving behaviors. The program educates a large population on energy-savings behaviors through a variety of activities (e.g., Student Contest, Teacher Professional Development, in-class presentations, and community event

Study Recommendations	Responses
	presentations). The program will continue to focus on creating energy-saving behaviors.
Community Partnership Initiative Recommendation #1: Review pre-and post- intervention data and coordinate with evaluations of other energy efficiency programs to assess impact	The Companies agree with this recommendation and will continue to review pre- and post- intervention participation data. Also, HES market rate will not be targeted in future rounds of the Community Partnership Initiative due to direction provided by DEEP.
Community Partnership Initiative Recommendation #2: Where possible, track longitudinal metrics to understand progress over time	The Companies plan to track additional metrics to understand progress over time, such as years communities have participated. The Companies plan to work with communities to develop goals that are specific to the community and that take into consideration the resources and tools at their disposal.
Community Partnership Initiative Recommendation #3: Where possible, in future program cycles, engage with community partners to understand whether offerings meet community needs and whether any gaps exist	The Companies agree and will continue to have the program administrators meet with community teams every week and solicit feedback on programs.
Community Partnership Initiative Recommendation #4: Consider using metrics from the E3 report (Goals 2 and 3) to identify priority communities to reach	The Companies are using DEEP's and the CT Department of Economic and Community Development's (DECD) definitions of underserved communities and only offer this program to those communities.
Community Partnership Initiative Recommendation #5: Ensure that key determinants of success are aligned with best practices	The Companies agree with continuous program reflection and improvement and will ask the suggested questions year over year. This is the type of program that needs momentum to build year over year, so these questions are important and something the Companies will continue to ask and consider. In a program like this, gaps and areas of improvement are something that become apparent over time and through implementation over years.

Study Recommendations	Responses
Community Partnership Initiative Recommendation #6: Application assessment and evaluability	The Companies meet with all the communities to ask questions about their applications. The Companies agree with most of the application assessment criteria. The Companies do not ask for marketing/outreach materials in the application because the utilities work with the communities to develop those materials once they are participating in the program. The Companies do not ask for outreach metrics either because those are metrics are collected once the communities are participating in the program. Pre- and post- participation metrics and final community partner reports happen at the end of participation in a round, so again it does not make sense to ask for this in the application.
Digital Customer Engagement Recommendation #1: Define the specific outcomes the Monthly Emails and Website Widgets aim to achieve and how these fit into the broader customer engagement strategy	Eversource can define specific goals for the Monthly Emails and Website Widgets and identify how these fit into the broader customer engagement strategy. The primary goal of the Website Widgets is to engage customers with their data and encourage energy usage reduction. A secondary goal is to have the customer provide Eversource with their home profile (self-completed home energy audit) which the utility can then compare with other information they have about them. The Website Widgets also aim to reduce energy usage, though Eversource does not have an easy way to quantify this. When customers engage with the Widgets, Eversource can use that engagement to drive them to specific measures/product offerings (such as heat pumps). The goal of the Monthly Emails is to get customers to lower their energy usage. Eversource also plans to use the Monthly Emails to direct customers to the Website Widgets. With these two engagement efforts, Eversource wants wide engagement with the ability to use information provided by the customer to give more individualized feedback and recommended energy-saving measures. These two efforts are more nuanced than other, broader Eversource marketing strategies because the utility is trying to reach as

Study Recommendations	Responses
	many customers as possible while still giving each customer an individualized experience based on their data.
Digital Customer Engagement Recommendation #2: Define metrics for the Website Widgets that capture customer behavior change as well as engagement	Out of the suggested metrics for Website Widgets, Eversource plans to look at program channeling and will explore this further.
Digital Customer Engagement Recommendation #3: Include emotional appeals in the Website Widgets and Monthly Insights Emails	Eversource agrees with the idea of including emotional appeals where possible in Website Widgets and Monthly Emails. Eversource currently includes a celebratory message in the season-end email to customers who have saved energy for their part in energy conservation. Eversource plans to have more conversations about how emotional appeals can be included.
Digital Customer Engagement Recommendation #4: Track metrics to capture direct and indirect energy savings for the sub-initiatives	Eversource agrees and is working on tracking all these metrics, except for a few of the potential behavior change / energy metrics. As mentioned in a previous recommendation, Eversource is looking into ways to track program channeling for the Website Widgets but do not expect the other options are feasible.

4.3 Updates to Evaluation Processes

4.3.A Evaluation Data Dictionary and Standardization

Avangrid has had multiple meetings with the EA and several evaluation companies to develop a data dictionary for their current project tracking system. This data dictionary includes the data fields determined to be the most common and most important by the EA and a panel of evaluation company representatives. The information contained in the dictionary includes clarified field descriptions and information deemed necessary by the EA and evaluation company representatives to improve future data requests. As part of the data dictionary creation process Avangrid has agreed to work more closely with the evaluation companies and the EA to develop more targeted and concise data extracts which should improve evaluation productivity. Avangrid will continue to work with the EA and evaluation company representatives as a new project tracking system is implemented to develop a data dictionary prior to system implementation and an updated data extract process to mitigate future data issues.

4.3.B Ongoing Evaluation Data Improvements

DEEP's Final Determination (Condition of Approval No.25) directed the Companies to work with the EA throughout the 2022-2024 term to improve the timeliness and quality of data provided for evaluation studies and to report their progress bi-annually to the Evaluation Committee. The Companies and the EA are working together to carefully track the status of each data requests and identify areas for improvement. At the July 2022 Monthly Meeting, the Evaluation Committee discussed the Companies' progress on delivering data requests and data management practices followed by other leading states including hiring a statewide data management vendor and performance incentive mechanism for data requests. The Companies will continue to work with the EA to address data issues and follow data request procedures based on the EEB Program Evaluation Roadmap.

APPENDIX A: 2023 STATEWIDE MARKETING PLAN

A.1. Introduction

Statewide marketing efforts will support the greater plan key themes of equity, energy affordability, and decarbonization by providing a place for all customers to easily access energy efficiency program information and resources. The 2022 term has focused on the EnergizeCT.com redesign, which is now complete. The Companies have developed a site that provides clear information that is user-friendly and more dynamic, that drives additional traffic to non-supplier choice pages. Content creation efforts for both the site and Energize Connecticut^{SM} social media channels will continue to enhance the visitor's experience while directing users to information on key areas including heat pump education, a clear path to income-eligible solutions, weatherization education, and business solutions for underserved sectors.

The Energize Connecticut social media accounts on Facebook, Instagram, LinkedIn, and Twitter will continue to reside in the Statewide Marketing Plan. Historically, the Companies have used their programmatic advertising budgets to promote the Energize Connecticut social media audience and grow account followers through paid social and boosted posts. The Companies are continuing this in the next phases of social media development as well as using more statewide funds now that the website has launched. In 2022, the social media budget was set at $96,450 and was split between Eversource and The Avangrid Companies based on customer counts. In 2023, the Companies are looking forward to expanding on the foundation they have built to improve account growth and engagement metrics through increased paid social budgets. Additionally, the Companies are planning to add TikTok to their list of social media accounts since this platform has seen tremendous growth across all demographics since its inception.

As the Companies look forward to 2023, they are focusing on driving customers to the website through leveraging site analytics and data, search marketing, retargeting, and enhanced SEO to improve the customer journey and to support meeting plan goals.

The estimated yearly costs for the 2022-2024 Marketing Plan are shown in Figures A-1 (2023) and A-2 (2024). The Connecticut Green Bank will not provide financial support but will continue to dedicate in-kind resources.

Table A-1: 2023 Marketing Plan Estimated Yearly Costs

2023 Marketing Plan Task	Eversource	United Illuminating, CNG, and SCG	Total
Website maintenance, updates, and technical support	$118,944	$50,976	$169,920
Website enhancements and upgrades	$105,000	$45,000	$150,000
Acquia	$28,000	$12,000	$40,000
Website utilities (e.g., JW Player, Ceros, GoDaddy)	$21,000	$9,000	$30,000
Social media (management and content)	$94,500	$40,500	$135,000
Paid search	$31,500	$13,500	$45,000
Content creation & migration	$28,000	$12,000	$40,000
Analytics	$14,000	$6,000	$20,000
Creative support and stock photography	$15,512	$6,648.30	$22,161
SEO	$14,000	$6,000	$20,000
Total	**$470,457**	**$201,624**	**$672,081**

Table A-2: 2024 Marketing Plan Estimated Yearly Costs

2024 Marketing Plan Task	Eversource	United Illuminating, CNG, and SCG	Total
Website maintenance, updates, and technical support	$118,944	$50,976	$169,920
Website enhancements and upgrades	$105,000	$45,000	$150,000
Acquia	$28,000	$12,000	$40,000
Website utilities (e.g., JW Player, Ceros, GoDaddy)	$21,000	$9,000	$30,000
Social media (management and content)	$94,500	$40,500	$135,000
Paid search	$31,500	$13,500	$45,000
Content creation & migration	$28,000	$12,000	$40,000
Analytics	$14,000	$6,000	$20,000
Creative support and stock photography	$15,512	$6,648	$22,161
SEO	$14,000	$6,000	$20,000
Total	**$470,456**	**$201,624**	**$672,081**

A.2 Metrics and Goals

Website traffic is tracked via Google Analytics. Since 2018, the Companies' programmatic marketing drives customers to sign-up pages and the 877-WISE-USE energy efficiency hotline to provide the quickest path to program participation. Therefore, it is difficult to draw trending conclusions from the website's traffic (as advertising has been

the primary driver of website visits historically). Paid search and paid social will allow greater measurement of traffic to the site. Program marketing continues to include secondary messaging to the site for additional information.

Social media metrics serve as a way to direct the Companies' efforts. The social media account analysis done annually serves as a benchmark and goals are derived from each analysis.

A.2.1 Three-Year Strategy (2022-2024)

The 2023-2024 term will focus on building upon the upgrades made to the website and working out any issues. This includes a) increasing traffic to the site and b) providing new and engaging content to bring visitors back. Site maintenance, security and performance are ongoing in order to keep the site functioning properly. See Website Activities below for more.

Paid search will be used as a "pull" tactic to direct customers already looking for energy efficiency-related topics to the site. This targets people within Connecticut using broad awareness terms and phrases around energy efficiency and more specific terms around the Energize Connecticut brand. Close attention will be given to ensure paid search campaigns complement any paid search campaigns associated with program marketing by the Companies.

Social media platforms will engage followers with the brand with interesting, relevant posts and topics. Many of these posts will direct customers to EnergizeCT.com to learn more about a given topic. Although current social media accounts, namely Facebook, have a respectable number of followers, we look to reengage current subscribers as well as increase the overall number of followers across all platforms. Content is a key component of social media and will continue to focus on topics important to stakeholders: including energy efficiency for income-eligible and market-rate customers, energy-saving tips, renewable energy, financing opportunities, and supplier of choice with additional focus on content aligning with the key themes of the plan.

The new site has achieved the goal of being engaging and user-friendly and we are maintaining the site since through regular content updates and additions. While updating current content takes precedence, creating new content that is featured, either on the site or via social media, is necessary to maintain the interest of past visitors and encourage new visitors. As such, the strategy includes new content creation that complements the layout and user experience of the new site. Content will support the key themes of the plan including, but not limited to: heat pump education, a clear path to income-eligible solutions, weatherization education, and business solutions for underserved sectors.

Planned Website Activities

i. **Site maintenance.** Ongoing website maintenance and readiness is required to ensure that EnergizeCT.com—a well-visited, best-in-class energy efficiency and renewable energy website—is available 24-hours a day, seven days a week, and is as a trusted resource for all Connecticut consumers and businesses.

ii. **Site security and performance.** Routine monitoring for security issues focused on the platform, server, and content will guard against threats and enable issues to be resolved quickly.

iii. **Enhance engagement.** Develop a robust cross promotion plan and schedule from the Rate Board to the program pages based on seasonal need and program support needs.

iv. **Site management and metrics.** Focus on improving customer journey with tasks such as Accessibility Testing, SEO program, and Analytics program.

v. **Website enhancements.** Site enhancements to support additional regulatory requirements as requested.

APPENDIX B: PUBLIC INPUT SESSION

B.1 July 13, 2022 Session, Public Input Comments

2023 Plan Update – Public Input Comments

July 13, 2022

Note: All submitted written comments, and a list of stakeholders who provided written or verbal comments, may be access at Box.com: https://app.box.com/s/5557j66de4qwpj4avjllsspxiio9lexk

1) Daniel Robertson and Randy Vagnini, Connecticut Contractors Consortium

Representing: Connecticut Contractors Consortium

Date Input Received: July 12, 2022

Input Method(s): Written and verbal comments

Requests/Comments:

- **Request to accelerate the evaluation and establishment of existing baseline or baseline/code (pro-rate) for existing HVAC equipment.** This will capture more energy/demand savings and trigger more incentives to encourage customers to move forward with energy efficiency upgrades vs. keeping antiquated equipment online well past the end of life. We realize the Companies and Consultants are working on it, so we are requesting additional support/resources to prioritize this. Benefits of this approach: reduces energy, supports decarbonization, and addresses the need to upgrade existing and aging equipment.

- **Develop a survey to assess HVAC stock and estimate carbonation and demand savings potential across the state.** Collecting data on age, equipment types, and efficiencies will help in program design.

- **Incentivize new EV charging and electrification.** New EV charging and electrification will increase usage and demand, and we probably can't get renewables/battery storage online quick enough, so it's vital to get these incentives in place to reduce usage/demand. Keep in mind that if demand increases during peak periods, dirty and more expensive generation for our State will be needed. We need to take action to minimize that.

Companies' Response:

The Companies are working with the EEB Consultants to evaluate potential modifications to address the HVAC baseline concerns. The Companies previously piloted incentives that were included to consider the first five years of savings relative to existing conditions and the Companies also utilized an RFP process. Unfortunately, there are not a lot of savings to provide incentives large enough to cover a significant of the high capital costs to replace HVAC systems. Connecticut Grid Mod dockets will provide incentives for EV charging and battery storage systems. Eversource is/has expanded the Small Business Energy Advantage and Municipal Loan to include electric vehicle charging stations and battery storage systems.

EEB's Response:

The EEB supports the increased use of existing equipment as a baseline where appropriate through an Early Retirement approach. The EEB Technical Consultants have requested a market study be conducted by the evaluators to determine HVAC market conditions to include the age and efficiency of existing equipment. The EEB also supports the incentivization of electrification, and support of EV chargers when it results in efficiency or demand reduction opportunities.

2) Leticia Colon de Mejias, Efficiency for All

Representing: Efficiency for All
Date Input Received: July 13, 2022
Input Method(s): Written and verbal comments

Requests/Comments:

Please note: Ms. Colon de Mejias' full comments can be found in the materials folder, which include links to resources and recommendations for the CES Scoping Decision.

DEEP, the State of CT, and the EEB, as well as Joint GB commission, and the GC3 must take action to diversify the parties providing information in the planning process, and must ensure that parties beyond Yale, or other academia, are party to the planning phases.

The solutions laid out in these state plans should seek to support all residents, not just rich residents, large businesses, and financing firms. Energy is required for our daily lives, our businesses, our communities, schools, workplaces and thus these energy plans should be communicated broadly, with specific focus on ensuring the community is meaningfully engaged and informed.

There is a need to educate and reach out meaningfully to communities which have NOT been served, and who still have barriers to energy saving programs and services- see health barriers sheet link below:

https://efficiencyforall.org/wordpress/2020/02/25/governors-council-on-climate-change- gc3-equity-lens/

The state plan must consider basic needs related to climate change and equal access to clean energy and energy that is stable and resilient to storms, and heat waves.

The Plan must prioritize equity from planning to investment.

Equity would have us focus on necessities that include safe shelters and stable clean energy electric systems. A focus that starts with working to meet our communities' basic needs and lifts the most vulnerable populations to stable living conditions BEFORE focusing on luxury items such as net zero homes, financial support for new construction which should be built to code, or to support personal EV chargers that only support one family's needs, while other families have no transportation at all.

Equity would focus on helping our community's resilience, general energy system knowledge levels, and inform their ability to adapt. Equity places those who are least at the front of the issues, while the CES plans have done the opposite, supporting the same groups - Yale- Green Bank- universities, and Qusais that do not work directly in the community and CAP agencies. Equity requires local investment in workforce opportunities, business opportunities, and community engagement for at-risk communities, local small businesses, and should prioritize CT businesses that have long been serving. Equity requires meaningful inclusion and a voice at the table. It requires representation of our work, findings, and ideas.

The Board should improve diversity, inclusion, and effectiveness by engaging contractor groups, minorities, and disadvantaged representatives at the planning level.

EFA would like to express our desire to work alongside the state of CT to address energy equity opportunities and barriers. Over the last five years we have helped identify and solve multiple statewide energy equity issues such as but not limited to workforce development inclusive but not limited to:

- LMI access
- Barrier homes and health
- Copays
- The pandemic
- Multifamily access, landlord barriers

- Equal access for meaningful engagement by communities of color.

In our efforts we have learned that our lived experience as a nonprofit run by people of color that are directly serving in our own communities, we are able to tackle systemic issues and create solutions that truly increase equitable outcomes. To that effect, we desire to continue to educate and engage our communities and the state leadership on weatherization and ensure we are properly allowed to provide direct service to CT residents. To date we have not been allowed to directly participate as an experienced nonprofit organization who would like to provide energy assessments, retrofitting, and customer education as well as consultant services to help bridge the gap and fill the longstanding equity gaps in our state programs.

We are composed of ratepayers, LMI ratepayers, local minority contractors, parents and community leaders of color. In our daily work we have the unique opportunities to understand the community and barriers to expanding access to services- jobs- and meaningful engagement.

We would like to see opportunities where contractors are not placed at a disadvantage to CAP agencies, which take up to 34% of the payments for work our staff install and coordinate.

Regarding HESIE and the programs in general- We need to ensure that CTAC engages and informs contractors and communities as "partners " and for equity reasons, and that what we say gets reported back to the EEB and other critical planning partners. If the information is bottlenecked and never reaches the EEB or planners, we will be unable to have a meaningful voice.

Equity experts who live in or work in disadvantaged communities; bring to light that as climate change impacts like heat indexes increase, we must focus on necessities such as ensuring safe transportation to public schools to avoid heat impacts on children; safe shelter from storms and floods, and storm resilience measures such as solar - battery backup combinations. Even simple changes in weather will impact the most vulnerable first, therefore our plans must also address these issues first. Children may not be able to be in school without the aid of air conditioning, or a bus that picks them up at their safe shelter, and many CT schools do not have AC installed leaving kids in 100-degree classrooms. CES plans should place these critical equity needs before “innovation”- or support for things outside of our state. The CES plan should also be keen to diversify the parties at the planning table to represent underserved communities.

Diversity of thought, and diversity in planning, is key to solving problems. This is because some groups may not even be aware of issues impacting low income, or working families, who do not have the benefits of being state employees (who work from home, have affordable health insurance, are well paid and have access to paid time off and flex time). For example, college educated groups may not understand the difficulty of locating employment if one is not a college graduate. Those who grew up in a stable home may struggle to understand housing instability, and those who

do not struggle to pay energy bills, may not understand the implications of increased heating or cooling or electric bills, and water bills. Thus, it is important that not all parties at the planning table be highly educated or highly successful, else you lose the lens of those who are suffering.

The GC3 building report should be reviewed and incorporated into the CES.

The report may be found here: https://portal.ct.gov/-/media/DEEP/climatechange/GC3/GC3-working-group-reports/GC3-Progre ss-mitigation-strategies-REVISED-draft-report-public-comment-093020.pdf

With respect to the building sector, we recommend that DEEP and Connecticut fully embrace the GC3 Building Working group recommendations be reviewed at the EEB to develop a strategic plan to transition from fossil fuels1 by lowering our energy demands through proven building science methods, such as thermal boundaries as a way to increase community resilience.

We add to that recommendation points on energy efficiency and deployment of energy assessments- and advanced air -sealing, insulation, and proven energy saving measures.

We further recommend that DEEP and the EEB examine the GC3 Equity platform, and consider proper representation of small business, minorities, and workers, in the planning and appointed roles as Latinos represent 17% of the state and hold not one seat on the EEB.

The state should also protect the C&LM funds from being depleted, stolen, diverted or used for items that are not accessible to working families and LMI communities.

The state must take action to ensure the Green Bank funds are properly and fairly allocated beyond rich communities and beyond large companies, and ensure they work on equity by intentionally focusing their efforts on local small business, local economic development, and communities which have been left behind in the clean energy transition. CT continues to act as if the issue of solar has been solved for LMI- but renters cannot access solar, and the costs of many of the needed upgrades is beyond what CT residents can afford. Yet the need to draw down demand has never been higher.

Expand demand reduction through the EnergizeCT program and protect C&LM funds.

EFA's comments are based on the work we completed in the GC3 EQUITY Working Group, and on the Governor's transition team, and OWS, and other work in this state. Expanding demand reduction was unanimously voted as a critical step, and we also voted to protect the C&LM funds, yet they are continually raided and misappropriated to non-energy demand reduction focuses. Yet the budget is in danger and programs may again be shut down.

As the top need, we must first focus on building efficiency, and second, deploy accessible renewable energy (shared solar or roof solar) combined with heat pump technology and battery storage. This will create resilience for all of Connecticut. The state needs to educate the public on why we are taking on this transition and engage them in how we can reach the goals. The state also needs to be more transparent in how they allocate funding related to the CES work, and properly engage and fund groups that have not had support or been at the table.

We MUST ensure these efforts to create resilience and access to clean energy extend beyond rich communities to reach working families and communities of color, as well as renters. We must support working families' access to efficiency, as they pay into the funds that support the work in our state and are still not gaining equal access to the supports which would increase their home resilience and lower energy bills for everyone.

Set, and meet, an objective goal around weatherization for commercial and industrial buildings.

Energy Efficiency is central to any decarbonization goal. The state has a stated goal of “weatherizing” 80% of residential homes by 2030. The Board should set a goal for C&I. To make this program happen we need:

- A working definition of weatherization. Without that, we won’t know what the goal is. This is currently on the EEB 2022 agenda but has been there before as well.
- A data-driven program to assess energy efficiency. This program should incorporate a whole state – every building -approach. The energy we save is the least expensive kilowatt we can access.
- The state funding should break barriers and silos- while leveraging all existing C&LM funds, all LIHEAP and WAP funds, federal funding; and when needed, solicit private institution funding, and/or additional state funds.
- We should work at maximum speed and not be constrained by working within the Conservation and Load Management program budget and the transition MUST take into account equity and lift communities that have not been represented in the planning or had access to the supports.
- Equal access to climate and energy education for all of CT. How can communities engage and adapt if they are left unaware? How will parents connect to jobs they don’t know exist and that they are unprepared to apply for?
- Workforce training and development programs are necessary to implement this large transition project. It is well known that there is a lack of trained workers to meet the goals, and there is a lack of people of color in these roles, and a lack of minority business ownership in the clean energy sector.
- Prioritize outreach, incentives, and remediation based on age of structure and likely energy intensity (newer buildings and low-use buildings such as churches would be lower priorities).
- Work with the utilities who could provide to DEEP the electric and gas heavy users in anonymized form (no individual data) so that this group could be addressed with priority.

- Special attention should be given to Environmental Justice communities which often have the worst building efficiency.
- We recommend simple metrics which track actual activity and installation:
- Number of homes weatherized (we need a definition).
- Number of homes not weatherized (we need a definition).
- Buildings insulated.
- Buildings with barriers to efficiency.
- Buildings with building shell impairment (these fields to be completed using output of HES studies and put into database form – privacy concerns to be addressed by controlling access to the data).

Improve the thermal envelope for homes in the community. The key tool for this is the EnergizeCT Home Energy Solutions program and accompanying insulation, windows, and HVAC measures.

Invest in workforce training that emphasizes comprehensive, best practices around energy efficiency.

There is a lack of trained HVAC staff to quote, sell, and install these units, and it is critical that the homes be made thermally tight, or we will pay more for energy, not less. Customers are also not aware of the new heat pump technology that can be used in cold climates and can pair well with solar and battery storage once a home is properly insulated this works very well.

Based on the experience with the HeatSmart campaigns which some of our contractors have participated in, we make the following recommendation to the CES scoping discussion:

- First, heat pump adoption involves many possible choices of technology intersecting with many possible heating and cooling configurations in the home. As noted above – building efficiency is central to any decarbonization strategy and needs to progress ahead of and alongside decarbonized heating technology. The key heat pump recommendation is to focus on the easier configurations at first. Some combinations are immediately practical, and others are more difficult: PLACING thermal resilience and EFFICIENCY FIRST!
- Investigate and embrace supplemental heat configurations which may be the best option for many homes. Given the need to improve building shells, the numerous difficult configurations outlined above full implementation of heat pumps is difficult in some buildings. A recent paper by Michael Waite "Electricity Load Implications of Space Heating Decarbonization Pathways"2 recommends and quantifies

the effect of using Dual Source Systems which retain some combustion heating capacity and use heat pumps when it is most effective.

- The installer network is key to making this transition. Currently all HVAC installers work on all heating and cooling options. Heat pumps are a newer tech and specific training is needed – we recommend that the CES follow New York's example and set up training, incentive, and performance metrics for installers. We recommend that the CES review NYSERDA's Air Source Heat Pump Program Manual: https://portal.nyserda.ny.gov/servlet/servlet.FileDownload?file=00Pt000000Dq4lbEAB

- All HVAC installers that we've engaged need trained techs. There is a large work force component of this. They must be aware that a home must be properly insulated for this to work well and not cause issues for LMI and our energy costs.

- With proper incentive- proper installations- proper sizing – proper equipment - and properly trained and directed HVAC staff. We recommend a review of NYSERDA's approach to this. NYSERDA's Air Source Heat Pump Program Manual: https://portal.nyserda.ny.gov/servlet/servlet.FileDownload?file=00Pt000000Dq4lbEAB. In terms of equity consideration – building shell improvement is often the most direct, achievable!

Deployment of Distributed Energy Resources Local Siting of Renewables Matters

The CES Scope should encompass not only what the source of clean power is – but also where it is sited. In the Integrated Resource Plan, the major focus was answering the question of whether Connecticut could procure carbon free generation at the utility scale. The CES should add additional dimensions to this previous work:

- Location matters – and solar in Vermont is of less value than solar in Connecticut when serving Connecticut loads.

- A dynamic view of the distribution system needs to be added to the IRP modeling.

- The CES should explore areas for deployment of DERs which are underrepresented.

- Multifamily buildings, Condos and HOAs have real barriers to solar adoption – given their prevalence in our state, this is a huge area for improvement.

- PACE conducted a study of the potential for solar canopies to be added into the list of DER sites. PACE estimates that 8400 parking lots could supply almost 40% of today's electricity needs.

- We also recommend that the Commercial solar cap of 50MW be expanded.

Our view of DERs needs to be informed by modeling that reflects a granular view of our grid as well as a modern view of our future distribution system. The addition of local DER, coupled with storage, and demand response can dramatically improve the cost effectiveness of the grid overall. Based on modeling by Vibrant Clean Energy it is recommended that the scope consider the distribution grid in addition to the transmission grid. We recommend that this study be part of the CES analysis: https://www.vibrantcleanenergy.com/wp-content/uploads/2020/12/WhyDERs_ES_Final.pdf

Specifically, we want to ask for your leadership to lead the charge of NGSS climate science, environmental education, and civic engagement of CT residents in the CES and C&LM work. In our work to protect people and the places we live and love, we know that knowledge is power. Uniformed people cannot make informed decisions. Thus, it is critical that we properly educate our youth, and by association the information provided will also trickle into the communities which have been left disengaged on resilience building and opportunities for economic development, such as green and clean energy jobs, or business ownership in the clean energy industry. Opportunity cannot knock if the community is left in the dark.

Ensure equal access to education and fiscal supports, and improve awareness around the interconnectedness of energy impacts, health, and wealth.

Connecticut has fallen behind on providing equal access to NGSS energy and climate education, has fallen behind on equal access to solar, and has yet to meet the carbon reduction goals related to home energy emissions. The general lack of public information has led to a lack of representation of Black and brown workers in clean energy careers. At the top of my personal list of equity related concerns, is the lack of access to information on the interconnectedness of energy impacts, health and wealth, which has slowed uptake of energy saving upgrades in renters, and in Black and brown communities.

Far too often, Black and Brown communities are seen as, “the last to adopt new technologies;” but in reality, home energy efficiency upgrades and solar, have remained just out of reach for renters, low-income households, and many working families. The issue is related to the lack of effort to engage minorities in the planning, and the lack of education for communities and youth alike. We cannot connect to things we have not been informed on, things we have not been engaged on, or have not been able to afford or have lacked equal access to. Saying the words equity and inclusion does not create them- that takes intentional effort, planning, funding, and implementation.

As our climate changes rapidly, many communities are completely unprepared for the changes which we are already experiencing. The impacts of increased heat, increased flooding, increased storms, and raised prices for basic necessities such as shelter, water, food, heat, and electricity will hit low-income communities, and low-lying communities hard. The pandemic exposed many disparities displaying the undeniable disparity gap in our state. The

executive order No- 21-3 provides an opportunity to ensure that as we plan, we also plan to close the longstanding disparity gaps in our state.

While our state laws clearly state that the transition to a clean energy future should be inclusive and not place burdens on one group, while supporting another; the continued lack of representation of Black and brown leaders in our state's energy and infrastructure planning, has led to lack of information and lack of equally distributed fiscal support for efficiency, clean energy, education, training, and resilience in our communities.

Exec order 21-3 - Is a Climate Action order which is needed to help our state complete resilience planning and infrastructure upgrades. CT, however, has long been investing in the "clean energy transition and in demand reduction. Several laws on the books already funded the expansion of clean energy. Unfortunately, the state has still missed the mark on creating an equitable transition. To have an equity-based transition the following efforts would be made, and the following type of metrics would be set as state goals.

An Equitable energy transition would look like this:

- Working families would have equal access to the funding for resilience upgrades like insulation, solar, heat pumps, and flood protection.
- Black and Brown residents would have equal access to clean energy and efficiency job opportunities, and increased opportunities to own these types of businesses, and to procure state contracts.
- Schools and communities would have equal access to information that would inform them on the causes of climate change, and information on how to lower our emissions and how to lower the harmful impacts on the places we live in and the people we love.
- All residents would have access to housing/shelter that allows them to maintain safe living conditions in storms, sea level rise, heat waves, and cold snaps.
- We would focus on PUBLIC benefits over private benefits in our clean energy transition planning.
- Communities of color would be included in the planning (not after the plan is laid, while the plan is made).

The road to energy equity and climate resilience go hand in hand. But the transition has been far from simple and has lacked inclusion all along the way. However, if we do not act intentionally, ensuring our focus is inclusive in our planning and that we are equitable and inclusive in the funding of our climate resilience efforts, then we will quite literally be leaving people uniformed and in the dark.

The time for proper inclusive access to information and support for statewide climate and energy nexus education for the many communities that have been left behind is NOW! These communities must be engaged to ensure that they are prepared, to ensure that they are not left behind to suffer the hardest impacts of the changes. Equity includes the right to be informed and engaged as we plan our path forward.

As we increase EVs and hat pumps, the electric demand will rise and so will the cost of energy. BUT - We can avoid this suffering if we also implement solutions to DRAW DOWN ENERGY DEMANDS - through EnergizeCT programs, and increase access to solar, and home solar battery combinations.

Ensure equity in transition to electrification with education on energy technologies, energy efficiency, climate change and financial tools.

Equity in transition- It is critical that the cost of the solar battery systems will NOT exclude low income or working families from accessing the solutions. We need EV's and we need EV buses, we need heat pumps as well to get off fossil fuel, but we must ensure we do a better job of providing support and access to the people who have been left behind in the transition thus far and focus on the necessity of demand reduction.

Here is how we can meet these goals: while ensuring no one group bears the burdens, and no one group gets all benefits. We must plan intentionally to bring those who have left behind to the table as we plan. Not after we plan. People need to know- knowledge is POWER and that POWER must be shared.

One Can Not Prepare If they are Not Aware! Climate change is an emergency; posing current and future threats to every human and the places we live. Yet, little is being done to provide widespread public education about the causes of climate change, the current and pending impacts of climate change, or what we can do collectively to lower the harms to human life. How can people prepare for this emergency or take steps to mitigate the causes if they are uninformed? Education in schools and for the public is critical to support a just transition to a clean energy future for all, and to provide equal opportunities for careers, and meaningful engagement people must be properly informed.

Target energy efficiency and retrofit efforts to combined residential, commercial, and industrial buildings.

These sites are the LARGEST emitter of greenhouse gasses in Connecticut. We need more efficient buildings, homes, and workplaces. We must put our money and our efforts into things we know work. Like proper thermal boundaries - air sealing and insulation, better windows, and more efficient heating and hot water systems. Burning less dirty fuels in buildings by saving electric energy through deep retrofits and supported upgrades, combined with smart heating solutions - such as efficient heat pumps and induction stoves - will save families and businesses money, benefit public health, stabilize and protect our grid from black outs and brownouts, and grow local economies. The legislature can help by protecting and increasing deep retrofit energy efficiency programs, establishing building emission standards,

and providing proper financial support to create equal access to proven demand reduction methods such as insulation, window upgrades, and removal of barriers to efficiency, equal access for renters, and at-risk communities which need to prepare for climate resilience, and by establishing a net-zero stretch code.

Provide targeted solutions and resources to environmental justice communities.

Protect Environmental Justice (EJ) Communities From More Harm - No community should be overburdened with harmful pollution. Yet, in Connecticut there is evidence to show EJ communities suffer from a disproportionate amount of pollution. Fine particulate matter air pollution is linked to cardiovascular disease and pulmonary disorders including lung cancer, asthma and decreased lung function in children. EJ communities suffer from exposure to a multitude of air pollution sources and the cumulative impacts from air pollutants such as fine particulate matter (PM) that includes diesel particulates; criteria air pollutants that include ozone, lead and fine particulate matter; and hazardous air pollutants. Improvements to Connecticut's Environmental Justice Law must be made to protect communities from the cumulative impacts of air pollution by restricting new polluting sources from locating in these already overburdened communities. Like NJ EJ law, Connecticut can take action to protect human life.

Increase access to solar power.

Connecticut is lagging in the deployment of solar power and our efforts to deploy solar have not been equitable to communities which rent, or have barriers to rooftop solar, or who may have poor credit due to pandemic impacts– Community Solar can be deployed quickly. Community solar systems increase our resilience to storms, rising energy costs, and result in energy independence. Our expanded solar programs should be paired with battery storage, and thermal heat pumps and AC for immediate benefits to residents and our communities As part of the state's efforts on Climate Action which outlined Equity diversity and Inclusion as clear GC3 goals, the state must set goals that include lowering energy costs, increase resilience, protecting human and environmental health, and connecting communities to shared solar, and battery back systems for elderly, disabled, schools, and at risk populations who are most at risk from heat exposure or the impacts of climate change The legislature must enact legislation that will facilitate the adoption of solar energy, community solar, and storage by residents, businesses, nonprofits and governmental entities and will prioritize providing solar power and jobs in Environmental Justice and majority black and brown and low-income communities.

Be intentional about climate adaptation projects so they can be multi-solving.

The process of implementing climate adaptation projects can be as important as the result. Climate adaptation investments, to really qualify as multi-solving, must ensure that their benefits and burdens are justly shared. This requires vigorous community participation from the beginning.

Community engagement can help tackle important questions, such as: Who does the project benefit? How does the design protect against side-effects like “climate gentrification”? (That's the emerging term for what happens when communities benefiting from adaptation investments become more attractive. Property values and rents rise, and long-standing community members can be displaced.) And who will have access to the jobs created by adaptation projects?

The climate change adaptation task ahead of us is mammoth, and time is short. No one knows exactly how to adapt; we are entering unknown climatological territory. But two simple rules can help us make the best possible decisions:

1. Make every dollar count by addressing multiple problems.

2. Make every decision as wisely as possible by listening to the voices of those who have the most at stake.

If we can stick to these equity principles, the needed investments in adaptation could also contribute to a healthier and more equitable society.

Companies’ Response:

The Companies agree with many of the points made regarding equity, diversity and workforce development. The Companies will continue to work with the EEB Consultants, include its new DEI consultant. Additionally, a contract was put in place with EFA to support workforce development for HES and HES-Income Eligible field technicians.

EEB’s Response:

EFA makes some good points in these comments and continues to remind us to have an equity and diversity lens as the EEB looks at programs and plans. The EEB will continue to consider DEI perspectives and look forward to working more closely with the DEI consultant as they review the programs over the course of the 2022-2024 term.

3) Heather Deese, Dandelion Energy

Representing: Dandelion Energy
Date Input Received: July 13, 2022
Input Method(s): Verbal comments

Requests/Comments:

Please note: Ms. Deese shared a slide deck that can be found in the materials folder.

Dandelion Energy is a geothermal heating and cooling contractor. Ms. Deese provided information on the functionality and efficiency of geothermal heating and cooling systems.

A 5- ton geothermal heating and cooling systems can reduce a home's carbon emissions by 80% per year when switching from fuel oil and 60% per year when switching from natural gas. Dandelion Energy has seen a dramatic increase in installations and sales starting in 2020. Geothermal systems have low operating expenses but compared to traditional heating systems have a higher up-front cost. While there are federal tax incentives, they are uncertain and may go away completely in 2024 if not renewed. This makes C&LM incentives critical in improving the value proposition for customers. Compared to other NE states, Connecticut's rebates for geothermal and ground source heat pumps are the lowest.

Evaluate and improve incentives around geothermal heating systems/ground source heat pumps.

We encourage the Board to look at incentive structures and levels for ground source heat pumps and make changes that can improve uptake for these measures. Loan caps should be increased to enable financing for geothermal projects. When designing incentives, the Board should consider weatherization and its impact on HVAC measures. The Smart-E specials the Green Bank offers are difficult to market to customers because it's not clear how long those offers last.

Companies' Response:

The Companies filed their responses to DEEP's Condition of Approval No. 11 on September 1, 2022. This filing contains updates to proposed incentives for heat pumps.

EEB's Response:

With the recent passage of the *Inflation Reduction Act of 2022*, additional ground source heat pump incentives and tax credits will be available for a number of years to come. These will be available on top of the energy efficiency incentives. DEEP, the Companies, and the EEB Technical Consultants will examine all of these incentives to ensure that the benefits of ground source heat pumps are incentivized to a level commensurate with their benefits.

4) Diane Lauricella, Conservation Law Foundation

Representing: Conservation Law Foundation
Date Input Received: July 15, 2022
Input Method(s): Written and verbal comments

Requests/Comments

Thank you for the opportunity to submit further comment. I am so very pleased that the EEB has added several dynamic, dedicated members that will help turn the EEB's mission back to it stated origins related to saving money and scaling up education and clean energy projects.

In order to accomplish its 2023 Plan and mission, I ask that the EEB take at least one million dollars out of the utilities' C&LM Marketing accounts and initiate a much more effective and strategic marketing and education program.

Unless and until the Energize CT, initiative is separate from the Utilities influence, we will not achieve the mission.

Companies' Response:

The Companies' marketing efforts to date have been effective in meeting program /plan goals (i.e., customer participation, savings goals, and other performance incentive metrics). In 2023, the Companies can redirect efforts based on guidance from DEEP, EEB, and the EEB Technical Consultants.

EEB's Response:

As the energy efficiency and demand management programs transition from purely efficiency and energy savings to equity, decarbonization, and electrification, we will need to consider how best to utilize the marketing budgets. There may be more of a need to educate Connecticut ratepayers about this new direction and the benefits for everyone. These new initiatives should be considered as part of the marketing plans for future conservation and load management plans.

5) Vivian Perez, Stephanie Weiner, and Joseph Roy

Representing: HE-Energy Solutions, Inc., New England Smart Energy Group, CMC Energy Services, Inc.
Date Input Received: July 15, 2022
Input Method(s): Written comments

Requests/Comments

We are three Home Energy Solutions (HES and HES-Income Eligible) approved contractors, all with very different business models but similar concerns regarding the future of the program and our businesses. Stability is the key for a sustainable business. We are aware that this is a subsidized program with limited funding, however we feel that now, especially with the huge increase in costs across the board (i.e., gasoline, caulk, foam, etc.) action is needed to even out and reduce extraneous spending.

Below we will briefly outline our challenges, which are typical of most of the participating businesses delivering Home Energy Solutions and offer some possible solutions. We are more than happy to meet with any board members who would like us to discuss these issues with us in more depth.

Challenges:

Currently we are facing contradictory challenges: our budgets are decreasing; our costs are increasing while at the same time our demand is high. We are forced to turn away customers or not service them in a timely manner along

with not being able to complete all the add-on-measures due to lack of funding. While the demand is there, the budget is not.

Solutions:

- Limit the number of contractors who deliver HES. We have made a commitment to serve the ratepayers of CT through purchase orders. We invest in our employees, along with new equipment, all office-related activities and vehicles. Instability along with the pie getting smaller results in an unhealthy and unstable business environment. Right now, companies are already laying off employees as the programs close early for 2022.
- More flexibility to switch funds when needed, both within each utility and intra utility. This will help stabilize the funds so that one fuel type isn't being stopped mid-year.
- Leveraging other funding – Federal, state level, municipal, etc. that is available (on going and one time funding). For example, currently, the WAP funds are generally underspent, and we are told that we can also apply for a larger percentage than we are currently getting. Right now, the WAP programs leverage the utility program funding under HESIE, the HESIE program can leverage the WAP funding. This will allow the utilities program to pay for some of their larger ticket items like the add on measures – insulation, windows, HVAC.

This is also a time to look at extraneous budget allocations for existing programs and reconsider pilot programs, such as the Residential Pay for Performance Pilot. We invested in a similar program years ago with Home Performance Contracting and it was very difficult to implement, track and work in due to several factors. Now, when our budgets are dwindling, may not be a good time to start this Pilot.

Companies' Response:

The Companies agree that given budget constraints and that it may not be best time for a Pay-for-Performance pilot.

EEB's Response:

The EEB also agrees that we need to discuss the budget constraints, new opportunities for funding programs, and programs like pay for performance that may not be the best use of limited budgets. We encourage continued dialogue in CTAC meetings and welcome suggestions and ideas from all contractors and others for the most effective program designs.

6) Mark A. Mitchell, CT Coalition for Environmental Justice

Representing: CT Coalition for Environmental Justice

Date Input Received: July 12, 2022

Input Method(s): Written comments

Requests/Comments

Thank you for the opportunity to provide input on the CT Energy Efficiency C&LM Plan. I appreciate the efforts to center equity in your plans and to seek input. However, I have two concerns in this regard:

In Connecticut, we do not have the environmental justice capacity to meet all the requests for EJ input from communities as well as governmental agencies, especially on technical and bureaucratic processes. There needs to be significant investment in reaching and educating those who are most affected by the untoward effects of these policies and can most benefit from good policies targeted toward disadvantaged communities. Please provide $75,000 to $100,000 grants to five Black or Latino-led community-based organizations to build the capacity to engage in this effort and on related efforts to provide equitable benefits to those who have historically been marginalized.

My second concern is that the link to the 2022-2024 Plan in the public input session announcement does not work. [Note, this has been corrected as of July 13, 2022].

Companies' Response:

The Companies will work with the EEB, EEB Technical Consultants, and DEI Consultants to review budget needs.

EEB's Response:

The EEB and its Technical and DEI consultants are committed to environmental justice and will work to incorporate these considerations into future program offerings.

7) Samantha Dynowski, Sierra Club of Connecticut

Representing: Sierra Club of Connecticut
Date Input Received: July 13, 2022
Input Method(s): Verbal comments

Requests/Comments

The Sierra Club supports and commends the Board on its changes to the 2022-2024 Plan, including a phase out of all residential natural gas equipment incentives, transitioning the Residential New Construction program to include all electric offerings, a fuel neutral approach, updates to the cost-effectiveness test, proposing comprehensive plan for heat pump deployment, and a re-examining of the definition of equitable distribution, acknowledging the current program falls short and more funding is needed to serve low-income residents that face burdens to weatherization and energy retrofit services. The Sierra Club offers the following recommendations for the 2023 Plan Update:

1. **Focus on the most energy-burdened households and engage in a process that identifies these areas.** Houses in formerly redlined areas have faced racist disinvestment and don't have the same opportunity to

upgrades their homes due to the lack of access to credit. Poor weatherization causes high energy bills, higher carbon footprints, and unsafe conditions. When you look at the data on the map, including racial demographics, you can see that the people suffering from energy burden are often the same communities who initially suffered the injury of red lining, and are disproportionately Black families. By looking at things like gas and electric, energy burden, energy intensity, poverty, the age of housing, and the percentage of minority households, and involve community stakeholders in the process of developing those high need areas.

2. **Target and achieve a minimum of 40% of state and federal energy efficiency, renovation, weatherization dollars to homes with the highest need.**
3. **Solar and battery power should be evaluated for every project to further reduce energy burden, and increase resilience, and energy and independence.**
4. **Pair EE and Clean Energy programs with the PURA low-income discount rate.** We're participating in the PURA docket to urge PURA not to cap the low-income discount rate, and instead look to energy efficiency and clean energy programs to redress this legacy of disinvestment and drive down energy consumption.
5. **Regarding heat pump deployment, include measurable and equitable targets for deployment of heat pumps and workforce development.**

Companies' Response:

The Companies will work with the EEB Technical Consultants to review and address the points made.

EEB's Response:

The EEB will consider the suggestions made in reviewing program designs and priorities.

8) Gannon Long, Operation Fuel

Representing: Operation Fuel
Date Input Received: July 13, 2022
Input Method(s): Verbal comments

Requests/Comments

Regarding upcoming changes to the C&I Portfolio, Ms. Long shared a concern about recent Connecticut legislation that would encourage the building and development of data centers in the state. Data centers are very energy intensive and there are not really good environmental protections in place. Ms. Long asked if the C&I Committee, DEEP, or the Board is following this issue and if there is any kind of coordination. Ms. Long asked if there would be

constraints to minimize the impact of the expansion of this industry. Ms. Long suggested that the state address this soon and coordinate.

Companies' Response:

The Companies will work with the EEB Technical Consultants to review and address the points made.

EEB's Response:

While the legislation offering tax breaks for the construction of data centers may look appealing, there is a minimum investment requirement of $50 million dollars and the high price of electricity in Connecticut may discourage such development. Should the legislation prove to be successful, the EEB expects that the Companies will endeavor to assist the developers of data centers in Connecticut with incentives and technical support to ensure that all practical efficiency measures are adopted. There are many opportunities to optimize energy use in data centers with respect to lighting, heating, ventilation and air conditioning, as well as the use of the servers themselves.

B.2 September 14, 2022 Session, Public Input Comments

2023 Plan Update – Public Input Comments

September 14, 2022

Note: All submitted written comments, and a list of stakeholders who provided written or verbal comments, may be access at Box.com: https://app.box.com/s/iy63hw82vgvexr4k3m3f9qi47503o87y. Only written comments were received as the recording for the meeting failed. Those that provided verbal comments were given an extension to provide those comments in writing.

1) Doug Presley & Valerie Rogers

Representing: Dandelion Energy and King Energy, LLC
Date Input Received: September 14, 2022
Input Method(s): Written comments

Requests/Comments:

Geothermal heat pump systems have a critical role to play in maximizing energy efficiency and decarbonizing the building sector, as geothermal is among the most efficient ways to heat and cool buildings, according to the U.S. Environmental Protection Agency. Geothermal heat pump systems also offer the lowest operating costs of any heating or cooling technology. Geothermal customers will typically use 40 to 50% less electricity than an air source heat pump for a similar home, with peak summer and winter loads up to 75 to 80% lower. Geothermal systems have the potential to reduce carbon emissions from Connecticut homes by up to 80% as compared to fuel oil systems and 60% as compared to natural gas systems. These emissions reductions will grow over time as Connecticut continues to decarbonize its electricity generation.

Geothermal heat pumps therefore also offer significant electric grid benefits: they increase baseload demand, decrease summer peaks, and don't meaningfully increase winter peaks. The increased baseload demand provided by geothermal heat pumps also generates additional savings for other electric rate-payers – a study by the New York State Energy Research and Development Authority estimated the value of this cost shift benefit to all ratepayers to be over $7,000 for each single-family home electrified with geothermal heat pumps.3 Geothermal heat pumps increase electric demand without increasing electric peak demand or requiring new electric grid infrastructure. The additional revenues for utilities are significantly greater than the additional costs of the electric generation; for regulated

utilities that do not earn profit on electric consumption charges, this surplus is then returned to customers through lower electricity rates for all ratepayers.

Geothermal systems therefore have the added benefit of effectively underwriting the electric usage of other electric customers and reducing overall costs for all consumers. Given these benefits, geothermal heat pumps represent a key technology for advancing energy affordability and value, supporting the growth of the green economy, and achieving economy-wide decarbonization without meaningfully increasing peak demand.

Dandelion Energy and King Energy support the geothermal heat pump adder of $4,000 per ton for commercial and industrial new construction projects and encourage Connecticut to offer a similar adder for residential new construction.

New construction is the optimal time to install a geothermal system to minimize disruption and reduce overall costs, yet builders and developers do not benefit from the long-term operating cost savings from selecting the most efficient equipment. Home buyers often have less visibility into the long-term potential savings during the homebuying process, creating a potential mismatch between short-term incentives for builders and long-term health benefits and cost savings for homeowners.

We commend the utilities for including a prescriptive rebate adder of $4,000 per ton for geothermal systems in new construction and major renovations for the commercial and industrial sector. The utilities clearly highlight the value of prescriptive rebates in new construction, stating: 'While the two-energy use intensity ("EUI")-based [new construction] pathways already drive customers to low site EUIs, which inherently lead to electric building solutions, a per-ton heat pump incentive or adder is a clearer and more specific decarbonization driver. The adder sends an unambiguous message to the Companies' customers and the market that they are intentionally promoting decarbonization in lost opportunity projects.'

These same circumstances apply to residential new construction and new home developments, and Connecticut should extend the proposed geothermal heat pump rebates as an adder to the residential new construction program as well. While the existing performance-based residential programs provide some incentive towards electrification of heating and cooling, extending the prescriptive rebates would "send an unambiguous message" that heat pumps should be the baseline for heating and cooling in any home under construction. The utilities would not need to alter the existing performance-based program structures, as the incentives for other new construction efficiency measures could use a geothermal heat pump system as the new baseline for energy efficiency measurement to calculate the remaining new construction incentives.

The federal Inflation Reduction Act also increases the tax credits for new construction of energy efficiency homes, with Zero Energy Ready Homes eligible to receive a credit of up to $5,000. These new federal credits provide a

valuable incentive for homebuilders but are often insufficient to fully transition the new construction market to all-electric offerings without additional state-level regulatory or financial incentives. A residential new construction adder of $2,000 per ton, when coupled with the federal tax credits, would significantly transform the new construction market towards all-electric offerings and would set Connecticut on par with other national leaders in energy efficient residential construction.

States such as New York, Illinois, and Vermont offer full-value prescriptive rebates for geothermal heat pumps in new construction, which provides a strong incentive for builders to electrify new home construction and avoid installation of fossil fuel equipment and new gas infrastructure. Given long-term natural gas price uncertainty and broader policy trends, fossil fuel burning equipment installed today may also need to be replaced before the end of its useful service life. Gas price volatility, gas infrastructure supply constraints, and future building code updates and legislation can all impact the future availability of natural gas, potentially leaving homeowners with the cost burden of a stranded asset in their otherwise modern and efficient home. Decisions made by home builders today will lock-in energy usage for many decades to come and extending the prescriptive geothermal heat pump rebate to new construction would greatly support the electrification of new buildings in Connecticut while minimizing potential costs and disruption due to future retrofits.

Dandelion Energy and King Energy support the proposed incentives of $2,000 per ton for residential geothermal heat pump systems and encourage DEEP to monitor heat pump adoption to ensure incentive levels are sufficient to keep Connecticut on pace to meet its building decarbonization goals.

On September 1, 2022, the Energize CT utilities proposed geothermal rebates of $2,000 per ton for geothermal systems for 2023, along with an additional $500 bonus for insulation in combination with a heat pump installation. These rebates will further incentivize homeowners to install efficient geothermal heating and cooling systems and represent a key factor in the geothermal value proposition for many homeowners. When coupled with new federal rebates and tax credits for geothermal heat pump systems, these incentives can help transform the heat pump market and set Connecticut on a path to meet its emission reduction goals.

The Energize CT utilities also provided data on the net societal benefits of various heating and cooling systems, including avoided greenhouse gas emissions, with geothermal heat pumps providing benefits of $2,755 per ton (compared to natural gas) to $14,566 per ton (compared to propane).5 The Energize CT utilities and DEEP should monitor the realized adoption rates of geothermal heat pumps under these enhanced incentives and update the heat pump rebate levels as necessary for future years – taking into account the calculated net benefits of the various systems – to ensure heat pump installations remain on track for Connecticut's building decarbonization goals.

Connecticut should update the C&LM Plan rebates to provide incentives based on heating capacity rather than cooling capacity.

The heating and cooling capacity of heat pumps and HVAC systems are measured in "tons," typically defined as 12,000 BTU/hour of thermal capacity. Most heat pumps and HVAC systems have higher cooling capacity than heating capacity, with systems typically producing about 12,000 BTU/hour of cooling capacity for each 10,000 BTU/hour of heating capacity, though the exact ratio varies across heat pump makes and models. This means that a typical "6 ton" system as measured by cooling capacity is only producing approximately 5 tons worth of true heating capacity.

Connecticut is a heating dominated climate, with winter heating requiring a significantly greater proportion of overall energy usage than summer cooling – yet the C&LM Plan currently measures capacity for rebates using cooling tons. Other energy efficiency programs in the region have already transitioned from legacy air conditioner-based programs to heating-based rebates: the New York Clean Heat program transitioned in early 2020, Long Island transitioned air source heat pump rebates in 2021 and is actively considering doing the same for geothermal rebates, and Massachusetts is considering moving to heating-based rebates as well. These transitions typically involve adjustments to per ton rebate amounts to keep overall incentive levels the same based upon typical cooling-to-heating ratios of current heat pump systems.

As Connecticut decarbonizes the building sector, transitioning rebates to a heating capacity basis will help align rebates with their true energy savings impact and ensure that the most efficient heating systems are properly incentivized.

Connecticut should increase the maximum value of energy efficiency loans up to $100,000 to further incentivize homeowners to maximize their energy efficiency improvements through comprehensive retrofits and upgrades.

Public and private low-cost loans are critical to ensuring affordability of geothermal energy systems. Most of our customers choose to finance their installation through either state-run loan programs or through low-cost private financing, allowing immediate savings from reduced energy costs. Financing options will be critical in ensuring that low- and moderate-income households and disadvantaged communities are able to access the long-term cost savings of geothermal heating systems where up-front installation costs might otherwise be preventive.

While Connecticut currently offers multiple finance offerings for geothermal heat pump systems, the programs do not fully cover customer needs. The Energize CT Heating Loan Program provides a low 0.99% interest rate but has a maximum value of $15,000. The Smart-E loan offers up to $40,000, but typically at 4.99% - 6.99% interest rates; while there is a current "summer special" for a 2.99% interest rate, the short-term timeframe of the "special" prevents customers and contractors from effectively accessing the lower rate. The maximum amount of either loan is often insufficient to cover the full costs of a whole-home retrofit to install geothermal heating, weatherization, solar panels, electric vehicle charging, and other electrification upgrades. This forces customers to seek secondary loans to cover the

remaining costs, adding administrative burdens that can often result in customers simply choosing to skip certain measures.

Combining geothermal, weatherization, and solar installation at the same time is a prime example of the synergy between multiple complementary improvements that could often exceed the current loan maximums. Weatherization improvements can reduce the overall thermal load of the house or building, improving the effectiveness of a geothermal system. Geothermal heat pumps increase electric usage for customers (while eliminating their heating oil or natural gas expenses), so pairing geothermal systems with rooftop solar and battery storage can then further offset ongoing operating costs of heating and cooling the building. Customers often prefer to accomplish all of their upgrades at the same time, which leads to further cost savings in shared electrical upgrades; doing so can easily exceed the current loan limits even for a typical 1,800 square foot home.

The federal Inflation Reduction Act provides $27 billion in funding for state and tribal green banks to accelerate the provision of low cost loans for investments to support emissions reductions. Connecticut should leverage this federal funding to increase loan limits on its low interest rate loans to further spur residential and commercial investment in building decarbonization. Where necessary, the EEB and DEEP should recommend regulatory and legislative changes to increase program flexibility through lower interest rates and higher loan ceilings. By ensuring that energy efficiency loans cover the full scope of potential home retrofits, Connecticut can ensure it maximizes its use of federal funding while further encouraging private investment in building decarbonization to meet its emissions reduction goals.

For any program changes, Connecticut should continue to provide significant advanced notice of at least 60-90 days to program contractors to ensure a seamless customer experience.

During the September 7, 2022, Annual Planning Meeting for the EEB, board members discussed timelines and processes for ensuring that program changes are communicated well in advance of implementation deadlines. We have seen challenges with program changes and timelines in other areas where we operate and appreciate the EEB's attention to program implementation timelines to ensure a smooth customer experience. We offer the following inputs for DEEP and EEB consideration:

- We encourage DEEP and the EEB to provide at least 60-90 days advance notice to program contractors before program changes, particularly for any future decreases in rebates of program eligibility. We typically offer customers a firm quote for up to 30-60 days, which includes the anticipated rebate and incentives values as of the date the quote is delivered; any program changes within those time frames can affect signed contracts and therefore cause significant disruption to customers. Changes to rebate values or suspensions/terminations of rebate programs should therefore be announced more than 60 days before becoming effective to avoid impacting existing quotes already delivered to customers.

- Program changes should also honor signed contracts for systems that have not been installed where it is more advantageous to the homeowner or end-customer.
    - Due to strong customer demand, we are currently scheduling installations with wait times of six months or greater. Many contracts signed in 2023 under the new rebate values might not be installed until 2024, and the Energize CT utilities should honor signed contracts at existing rebate values should the program incentives change for 2024.
    - For program increases – such as those proposed for 2023 – customers receiving their installations in 2023 should be eligible for the higher rebate amounts, even if their contracts were signed in 2022. This yields higher customer satisfaction and can create positive spillover effects to encourage neighbors to pursue electrification measures.

Companies' Response:

The Companies support ground source heat pumps. Per DEEP's Condition of Approval No. 11, the Companies have provided proposed incentive increases.

EEB's Response:

The EEB supports ground source heat pumps and appreciates the recommendations provided. The EEB will consider the comments during program design and planning moving forward.

2) Dan Robertson

Representing: Commercial Contractor Consortium

Date Input Received: September 14, 2022

Input Method(s): Written comments

Requests/Comments:

Mr. Robertson provided a PowerPoint (the presentation and the points are annotated here).

- Overall teamwork as a state and individuals helps people and improves organizations.
- Improve teamwork among all constituents.
- Explore changes to long-standing rules that may no longer fit state goals.
- Encourage consistency of rules across the state when possible.

- Continue improvement on turnaround time on multi-measure projects through calculators and filters to streamline use of engineering resources.
- Add this in-progress change to the 2023 Plan: updated method for calculating savings for new projects to more accurately reflect actual energy saved and to generate higher incentives to greenlight projects.
- Develop study estimating age and potential savings of older equipment.

Companies' Response:

The Companies will investigate the feasibility of the items included in Mr. Robertson's PowerPoint presentation.

EEB's Response:

The EEB appreciates Mr. Robertson's comments and insights. The EEB agrees with the Commercial Contractor's suggestions and has requested a market study of HVAC equipment from the Evaluation Team.

3) Leticia Colon de Mejias

Representing: Efficiency for All

Date Input Received: September 14, 2022

Input Method(s): Written comments

Requests/Comments:

Ms. Colon de Mejias shared verbal comments, which were not recorded, and provided written comments in the chat. Ms. Colon de Mejias also submitted comments for the Comprehensive Energy Strategy that echo much of her points shared verbally. The points have been annotated below.

- Any advocates that do not yet understand systemic racism should look in the mirror- and consider the impacts of purposeful exclusion of people who are leaders in the community, especially in communities who have very few people who have been able to reach the level of expertise required to be at this table, which is very complex, and has continued to leave Black and Brown communities out of the planning.
- Contractors are being forced to use multiple platforms to enter data which calculates incentives, and the MMBtu goals are also different, as are offerings, and it is one state and one program?
- Contractors report the issues to DEEP, and we report the barriers to CTAC, but we do not see the issues which are being raised like TWO MMBtu goals in HES-Income Eligible- with the exact same offerings- we do not see that being brought to the EEB, nor are they being resolved in equity-based ways.

- The offerings should be equal across the state to avoid confusing customers and contractors alike. Please note: Ms. Deese shared a slide deck that can be found in the materials folder.

- Diversity, equity, and inclusion is paramount. Those that have been historically left out must be engaged and included in all aspects of planning to ensure results are effective and productive.

- The state of Connecticut must be intentional and not incremental in its approaches to energy equity, energy affordability, and clean energy strategies which include demand reduction and efficiency as the FIRST step.

- The C&LM Plan must take into account the critical need to lower demand while we electrify the grid and homes across the nation. EVs use electricity; in CT, most electricity for electric vehicles is generated by FOSSIL FUELS which are CARBON HEAVY- and cause illness in our people, impacting EJ communities, the most disadvantaged, who also have had no access to EE or solar, which we have in our state right now.

- Properly FUND what already is proven to work well: HES and HES-IE work, they have been performing well. These residential programs continue to save consumers money, reduce energy demand, avoid emissions, and create jobs while also repairing harm done to communities affected by structural racial and economic oppression.

- A standard definition of Energy Affordability in buildings and homes should also be defined and used across all programs and agencies. Energy is affordable when the burden of energy costs is 6% or less of income. Low-income households face a disproportionately higher energy burden3, are least able to afford energy efficiency upgrades, and are more likely to experience health and safety barriers to energy efficiency upgrades.4Factors such as race, ethnicity, disability, geographic location, transportation burdens, and housing burdens are also likely to impact the access and uptake of energy efficiency programs.

To equitably distribute C&LM funds to address these disparities, we recommend the following:

- Require that at least 50% of all funds across all C&LM programs be spent serving low and moderate-income (LMI) residents at 200% of income, similar to Idaho.

- Establish low, or ideally no co-pays for LMI households and working families under 200% of state median income.

- INTENTIONALLY - Create and distribute program information to underserved communities in consultation and collaboration with residents from those communities, organizations that serve underserved communities, and municipalities.

- Have ads on TV that EDUCATE people on why and how to save energy at home and work and school-Offer comprehensive bonuses to homes that go deep and air seal and insulate, go solar and add heat pumps.
- Offer lower finance rates for bigger comprehensive projects.
- Help schools in title I areas go solar, get AC, Get better heat, and become safe and resilient shelters in storms.
- Make the process the same in UI and ES. Why do we have so many confusing portals and plans that don't talk to each other, yet we keep paying for it?
- Set metrics on diversity and inclusion on who we serve, how we help, and who gets the jobs.

Comprehensive Approach to Energy Efficiency, Health & Safety, and Electrification-Various studies have documented the significant frequency of health and safety barriers that limit access to energy efficiency and weatherization programs for low-income customers. Common barriers include asbestos, vermiculite, vermin, mold, knob and tube wiring, lead, high CO2, and gas leaks. Unmitigated, these conditions result in unhealthy homes and unnecessary energy usage. Fossil fuel combustion equipment and appliances also threaten human health and the climate. As contractors see gas leaks, mold, high co, and other health issues daily in our work. 30% or more of CT low-income housing have these barriers and thus cannot connect to our programs and supports. As members of CTAC, we commend DEEP on working towards attempts to connect with contractors, and to create a system to address the barriers to our work, and customer barriers which we can report to DEEP, PURA, and other state departments which need information.

We also mention that we have been excluded from planning alongside the state on ICAST. While we helped the state to learn of the exact types of barriers, to collect the data, and inform leaders. We worked with state leaders and then created a bill to address the issues, we received no contact from DEEP on next steps. Even when we were the proponents of the effort to remove barriers, we were excluded. This is reflective of the continued and systemic exclusion of boots-on-the-ground residents who directly work in the programs and serve the state through subcontractor roles employing over 34,000 people as small businesses in our state. We recommend that DEEP build comprehensive measures into the CL & M Home Energy Solutions and Home Energy Solutions Income-Eligible programs to couple energy efficiency retrofits with water conservation, removal of health and safety barriers, and replacement of fossil fuel burning equipment and appliances with high-efficiency electric alternatives, and connectivity to solar, and this must be planned in a way that does not harm the people who work here in our state, and who own businesses in our own state. Please DO not throw the baby out with the bath water, we have been here serving, sometimes at our own cost with no help from the state. Efforts to end siloed approaches to data collection, reporting, incentive tools, and portals must occur now, as we have been asking for proper coordination of services,

data, and offerings that would be equal for all CT ratepayers in all places in our state. This request has been made formally since 2017.

Companies' Response:

The Companies will continue to work with DEEP as it develops its 2022 Comprehensive Energy Strategy. In addition, the Companies are working to implement any DEEP Conditions of Approval that address the comments referenced above. The Companies are reviewing the items mentioned above and are implementing improvements to facilitate greater efficiency for contractors.

EEB's Response:

The EEB appreciates the perspective and ongoing advocacy of Ms. Colon de Mejias. The EEB is aware of these issues and will work within the scope of the C&LM programs to consider the points made. In 2022, the EEB brought onboard a Diversity, Equity, and Inclusion (DEI) Consultant, through which the board hopes to address some of the points raised in Ms. Colon De Mejias' comments. The DEI Consultant's scope of work includes:

1. Evaluation of the equity metrics identified in the Equitable Energy Efficiency proceeding, known as "E3" and providing a gap analysis to flag areas to be considered for additional outreach and targeting by the programs, as well additional customer or tracking data needed to support the goal.
2. Working with the EEB to establish equity metrics, including establishing secondary performance management incentives for the residential and commercial program sectors.
3. Provide consultation on the design and implementation of the Community Outreach Strategies, including the Community Partnership Initiative and to develop tracking related to energy efficiency supplier diversity.

APPENDIX C: COMPLIANCE ORDERS

C.1. DEEP Determination: 2022-2024 Conservation and Load Management Plan, Schedule of Conditions of Approval

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
1	Responding to New Funding Sources	The Companies are directed to identify specific Infrastructure Investment and Jobs Act (IIJA funding) opportunities that are relevant to the C&LM programs and for which they are eligible to apply. The Companies should submit a preliminary list of these opportunities to DEEP by Jun. 30, 2022. In recognition of the fact that guidance is not yet available for all IIJA funding opportunities, this list should be treated as a living document and updated at regular intervals to respond to new guidance. DEEP will lead coordination efforts associated with IIJA opportunities, which may include meetings, data requests, and the co-development of response strategies with stakeholders, including the Companies. **DEEP Modification (issued December 27, 2022):** The Companies are directed to provide regular updates regarding the IIJA and Inflation Reduction Act (IRA funding) opportunities that are relevant to the C&LM programs and for which they are eligible to apply. The Companies should submit an updated list of these opportunities, new requests for information issued by the federal DOE, and any proposals for how new funds could be used in C&LM programs to DEEP at least every 2 weeks, with additional updates as needed to meet DOE deadlines. The Companies are also directed to provide a proposal to DEEP regarding how they will institutionalize their response to new funding from IIJA and IRA by February 1, 2023. This proposal should include the following: 1. The Companies' plan to regularly engage with DEEP, the EEB, the Connecticut Green Bank, and other stakeholders, regarding new funding opportunities. 2. Mechanisms for tracking funding opportunities and reporting to DEEP every other week and as needed. 3. Methods for seeking DEEP's approval on applications to DOE, Energize CT website updates, and other actions the Companies may take regarding federal funding. 4. Recommendations regarding a tool on the Energize CT website that developers, contractors, and customers can use to determine their eligibility for all rebates, tax incentives, and other programs they may be qualified for, including programs funded by IIJA, IRA, and any other Company programs.	Jun. 30, 2022, with updates as necessary *(List)* Feb. 1, 2023 *(List and Proposal)*	Filed Jun. 30, 2022 Modification response filed Feb. 3, 2023 *(List and Proposal)* Feb. 17, 2023 *(Updated List)*

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
2	Enhanced Residential Concierge Service	Pursuant to Section III.i. of DEEP's Determination regarding the 2022-2024 C&LM Plan, DEEP directs the Companies to develop a Request for Information (RFI) regarding best practices for residential energy concierge services. This should be submitted to DEEP for review by July 18, 2022. Following DEEP review, the RFI should be submitted to a variety of expert parties, including those named in the Determination, no later than Aug. 8, 2022. To the extent necessary, the Companies are also directed to work with DEEP to explore potential funding sources for this service.	Jul. 18, 2022 *(Draft RFI)* Aug. 8, 2022 *(Final RFI)*	Filed Jul. 18, 2022
3	Condensing Gas Equipment Incentives	In the proposed 2022-2024 Plan, the Companies committed to investigating the continued need to incentivize certain high-efficiency natural gas furnaces and boilers in the Residential and C&I Portfolios. The Companies will work with the Evaluation Administrator on this investigation and are specifically directed to apply findings from other jurisdictions, specifically Massachusetts, on this issue. As part of this investigation, the Companies should also study how the programs will determine the baselines for measures with upstream market models and the potential impact on low-to- moderate income customers if such incentives were eliminated. The Companies should report the findings of this investigation to the EEB no later than their July 2022 meeting and submit to DEEP for approval shortly thereafter.	Jul. 13, 2022 *(Report)*	Filed Aug. 9, 2022 *Presentation to Res. Comm on Jun. 8, 2022*
4	Parity Analysis	The Companies are directed to perform a parity analysis, similar to those included in Appendix E.2 of the proposed 2022-2024 Plan, that further disaggregates C&I customers by size using the four quartiles that are employed for the C&I secondary equity metric. This analysis should demonstrate budgets and revenues for each C&I customer quartile. The Companies are also directed to expand the analysis for the gas sector, included as Appendix E.5 in the proposed 2022-2024 Plan. This analysis should include budgets and revenues by customer class (further disaggregated for C&I customers, as described above) over the three-year term.	Jun. 30, 2022 *(Report)*	Filed Jun. 27, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
5	Equitable Distribution Reporting	Pursuant to CGS Sec. 16-245ee, each Company must annually submit to DEEP and the EEB the prior calendar year's Equitable Distribution data on a form prescribed and provided by DEEP no later than July 1, and also submit an updated method of census tract identification and economic status that determines whether the census tract is distressed. This data shall be provided on a census tract basis, or if not available by census tract, on a town-by town basis: the amount of conservation program funds assessed and the number of incentives expended, disaggregated as small or large customers according the 100-kW peak demand threshold, and further disaggregated by customer class (i.e., Residential and C&I). The residential data component for small customers shall be disaggregated by the HES and HES-IE programs and identify the total number of projects participating in each program and disaggregate those project numbers by housing stock (i.e., single family, multifamily (2-4 units), and multifamily (>4 units)).	Annually on Jul. 1 *(Reporting)*	Filed Jul. 1, 2022
6	Heat Pump Installer Network	To track progress of trainings offered though the new Heat Pump Installer Network (HPIN), the Companies are directed to: 1) Semi-annually (by July 1 and Dec. 31) submit a report providing an inventory of the training planned for the following six months related to heat pumps and how they compare to those offered by other Northeastern states. Specify what the companies are doing to ensure that building electrification training programs in Connecticut are consistent with the best practices from regional neighbors. When comparing programs, please indicate: a. Whether trainings are in-person vs. virtual. b. The hours required to complete the course. c. Who developed the training (e.g., manufacturer, or Company staff). d. The purpose of the training. e. The extent to which the Connecticut-based training will diverge from the best-in-class training and why. f. Cost to offer the training. 2) Submit a quarterly report to DEEP containing the following information: • Number of contractors/installers registered on the HPIN. • Trainings completed per installer. • Individual contractor participation in each training.	Dec. 31, 2022, then semi-annually and quarterly *(Report)*	Filed Dec. 29, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
7	Evaluation Data Dictionary and Standardization	With the understanding that UI is currently working to develop a new data management system, they are directed to take the following interim steps to improve the quality and timeliness of their evaluation data: • Produce an accurate data dictionary for review by the Evaluation Administrator prior to the September 12, 2022, Evaluation Committee meeting. Work with the Evaluation Administrator to produce standard data requests for impact and process evaluations, with accurate variable names, suitable for every major program. **DEEP Modification (November 22, 2022):** The Evaluation Administrator proposed continuing regular meetings with key United Illuminating staff to complete the production of standard data requests for impact and process evaluations and make additional edits to the Data Dictionary, as necessary. DEEP directs United Illuminating to hold regular meetings with the Evaluation Administrator, as described above, and make the necessary improvements by December 31, 2022. United Illuminating and the Evaluation Administrator should update the EEB's Evaluation Committee at their January meeting.	Sep.12, 2022 *(Data dictionary and standardized data requests)* Dec. 31, 2022 *(Regular meetings with Evaluation Administrator*	Extension of time to file request Sep. 8, 2022 Filed Oct. 3, 2022 Modification response filed Jan. 5, 2023
8	Commercial and Industrial Project Verification	The Companies shall lead a collaborative process, working with C&I customers, EEB Technical Consultants, and the Evaluation Administrator, to develop a proposal for an alternative verification pathway in instances where the customer is able to provide reliable calculated savings. This proposal should set clear parameters for projects that are eligible for the alternative pathway and ensure that there is no undue burden on the Evaluation Administrator. This proposal should be presented to the EEB C&I Committee no later than their July 2022 meeting.	Jul. 12, 2022 *(Proposal)*	Filed Aug. 9, 2022 Presented to C&I Comm July 12, 2022
9	Residential Pay-for-Performance Pilot	In response to Condition of Approval No. 3 of the 2021 C&LM Plan Update, the Companies submitted a straw proposal for a residential energy efficiency pay-for-performance pilot program.[i] DEEP approves that proposal and directs the companies to submit an implementation plan that includes a timeline and process for the proposed RFP and a pilot study plan that includes specific research questions, metrics, and a timeline for implementation as well as a regular reporting schedule by August 1, 2022. The Companies are encouraged to work with the EEB and Evaluation Administrator on their assessment of this pilot.	Aug. 1, 2022 *(Plan)*	Filed Jul. 27, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
10	Workforce Development Progress Reporting	To ensure that progress is being tracked to support the development and expansion of a robust energy efficiency workforce in Connecticut, the Companies shall develop a workforce development and education strategy that includes the following: • A list of measurable goals for the Education, Outreach and Workforce Portfolio of programs. Where possible, these goals should be informed by the recommendations of the ILLUME evaluation study. • An indication of projected rates of increase for these goals for each program year. • Metrics to track quantifiable progress towards these goals, providing specific goals and quantifiable metrics for program deployment in distressed municipalities. • Near, mid-, and long-term actions, estimated costs, and gaps that need to be filled by other stakeholders to meet these goals. • For Green STEP specifically, this report should include: Programmatic or policy-based recommendations on how to increase participation in Green STEP; and an outreach plan to include students from the public school system in the after school/ summer Green STEP. This report should be submitted to DEEP by Aug. 15, 2022. After the submission of the initial report, DEEP will work with the Companies to develop a regular reporting process to track progress towards the identified workforce development goals. **DEEP Modification (February 14, 2023):** To ensure that progress is being tracked to support the development and expansion of a robust energy efficiency workforce in Connecticut, the Companies shall develop a workforce development and education strategy that includes the following: • A list of measurable goals for the Education, Outreach and Workforce Portfolio of programs. Where possible, these goals should be informed by the recommendations of the ILLUME evaluation study. • An indication of projected rates of increase for these goals for each program year. • Metrics to track quantifiable progress towards these goals;	Aug. 15, 2022 *(Report)* Mar. 31, 2023 (Workforce Development and Education Strategy)	Filed Aug. 15, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
		providing specific goals and quantifiable metrics for program deployment in distressed municipalities. • Near, mid-, and long-term actions, estimated costs, and gaps that need to be filled by other stakeholders to meet these goals. For Green STEP specifically, this report should include: - Programmatic or policy-based recommendations on how to increase participation in Green STEP. - An update to the outreach plan to include students from the public school system in the after school/ summer Green STEP that includes a list of all Connecticut school districts, clearly identifying which districts serve distressed municipalities, and indicates which of the steps laid out in the Companies' response to Condition No. 10 from August 15, 2022, have been completed or are ongoing in each district. This report should be submitted to DEEP by March 31, 2023. After the submission of the initial report, DEEP will work with the Companies to develop a regular reporting process to track progress towards the identified workforce development goals.		
11	Updated Incentives	The Companies are directed to submit a proposal outlining any changes to incentives resulting from DEEP's guidance on fuel-switching, as outlined in Section III.f. of the Determination, and changes to the cost-effectiveness test, as outlined in Section III.g. and Attachment B of the Determination. This proposal should re-evaluate and propose new levels for all incentives that will be impacted by these directives. Where applicable, it should also indicate if there are any new measures not currently incentivized through C&LM that may now be cost-effective, given the changes made in this Determination. Specifically, the proposal should address the potential for incentivizing integrated controls and new renewable thermal measures including solar hot water. With respect to heat pump and heat pump water heater incentives specifically, the proposal should also explore the potential for providing enhanced incentives when these measures are paired with other measures, including weatherization, demand response, and integrated controls, as well as incentive structures that differentiate pull v. partial displacement scenarios. In developing this proposal, the Companies are directed to prioritize incentives that produce energy savings irrespective of fuel type, support customer choice and affordability, and align with state policy goals, including the Global Warming Solutions	Sep. 1, 2022 *(Proposal)* Dec. 15, 2022 *(Incentives)*	Filed Sep. 1, 2022 Filed Dec. 15, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
		Act. It should also consider appropriate fuel-neutral baselines and accounting methods to allocate costs equitably among programs, in accordance with Public Act 18-50. This proposal should be submitted to DEEP and the EEB for review and approval by Sep. 1, 2022, with the intention that these new incentives will be incorporated into the 2023 Plan Update. **DEEP Modification (January 26, 2023):** DEEP directs the Companies to respond to a new question that is of interest to many stakeholders: When will the information regarding heat pumps that qualify for both federal and state rebates be available? The information currently on the website does not clearly define the eligibility overlaps.		Filed Feb. 23, 2023
12	Communities RFP	In its review of the 2021 C&LM Plan Update, DEEP examined the Companies' new community outreach strategy. Part of this strategy would become the Community Partnership Initiative. There was a second component of this strategy that involved the issuance of an RFP for targeted community outreach, which DEEP directed the Companies to pause in its Conditional Approval. [ii] After completing two rounds of the CPI, the Utilities will be directed to submit to DEEP a proposal for the RFP offering that applies lessons learned from the first and second rounds of CPI and targets underserved/overburdened communities, including those identified in the Equitable Energy Efficiency Proceeding.[iii] This proposal should be developed with guidance from the EEB's Diversity, Equity, and Inclusion Consultant. To ensure that the Companies have time to incorporate lessons learned from two rounds of the CPI into their proposal, DEEP will establish a deadline for the submission of this proposal in 2023.	2023 *(Proposal)*	
13	All Electric Residential New Construction	The Companies are directed to develop a proposal for transitioning the Residential New Construction program into an all-electric offering that will begin accepting projects no later than July 2023. This proposal should include: • Interim targets for increasing the proportion of all-electric projects completed through the Residential New Construction program. • Any necessary changes to incentive structures or levels Any perceived barriers to an all-electric new construction offering, including workforce development, education, and customer outreach needs and proposed solutions to those	Oct. 15, 2022 *(Proposal)*	Filed Oct. 15, 2022

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
		barriers.		
14	Community Partnership Initiative	The Companies launched the first round of the Community Partnership Initiative (CPI) in August 2021 and selected applicants in early 2022.[iv] The Companies are directed to use future rounds of the CPI to serve the C&LM Plan's three priorities: equity, decarbonization, and affordability, and further goals that are not already being accomplished through standard program delivery. For example, the CPI should not simply seek to increase enrollment in programs that already have strong participation rates Future rounds of the CPI may include goals such as: 1. Increase the adoption of heat pumps among low-income customers. 2. Specific targeting of small and microbusinesses in low- income and environmental justice areas. 3. Outreach goals aimed at increasing deployment of programs to rental properties and multi-unit dwellings. 4. Outreach goals aimed at increasing uptake of demand response and deep energy saving measures. The Companies are also directed to consult with the EEB's Diversity, Equity, and Inclusion Consultant on subsequent rounds of the CPI, as outlined in the EEB's Request for Proposals.[v] On January 3 -	Regular reporting Directives incorporated in time for Round 2 *(Modification)*	Update filed on Jan. 31, 2023
15	WAP Coordination	The Companies are directed to coordinate with DEEP and other relevant stakeholders to develop approaches to braid funding between the C&LM programs and the federally funded Weatherization Assistance Program (WAP), in order to leverage increased funding available through IIJA and other sources. DEEP will lead these coordination efforts, which may include meetings, data requests, and the co-development of strategies with stakeholders, including the Companies.	Ongoing *(Coordination)*	Ongoing
16	Technical Meeting – Heat Pump Adoption Strategic Plan	Pursuant to Section III.h.ii. of DEEP's Determination on the 2022-2024 Plan, DEEP will be convening a Technical Meeting to collect stakeholder feedback on barriers to and best practices for heat pump adoption. The Companies are directed to participate in the Technical Meeting and may be asked to present on or discuss any of the items listed in Section III.h.ii. Following that Technical Meeting, the Companies will be directed to produce a strategic	TBD *(Technical Meeting, Strategic Plan)*	

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
		plan for addressing barriers to heat pump adoption that incorporates findings from the Technical Meeting. This strategic plan should be developed as a standalone document and completed in time for it to be incorporated into the 2023 Plan Update. DEEP will organize the Technical Meeting and coordinate with the Companies on scheduling and presenting.		
17	Technical Meeting – Demand Response	Pursuant to Section III.k. of DEEP's determination on the 2022-2024 C&LM Plan, DEEP will be convening a Technical Meeting to collect stakeholder feedback on new opportunities to leverage advanced metering infrastructure (AMI) to optimize active demand response and pay-for-performance offerings in the C&LM Plan. The Companies are directed to participate in the Technical Meeting and may be asked to present. Following the Technical Meeting, the Companies are directed to incorporate any applicable findings and recommendations into the 2023 Plan Update. DEEP will organize the Technical Meeting and coordinate with the Companies on scheduling and presenting.	TBD *(Technical Meeting)*	
18	Financial and Operational Audits	The Companies will continue the annual process for conducting Operational Audits of the Conservation and Load Management programs following the Agreed Upon Procedures that were established in response to Condition of Approval No. 3 of the 2019-2021 C&LM Plan.[vi]	Ongoing *(Reporting)*	Filed September 30, 2022 (Operational and Financial)
19	Data Coordination	The Companies shall continue to work collaboratively with the Department of Social Services and DEEP to coordinate data related to households served through energy assistance and energy conservation and weatherization programs to ensure the state is able to optimize program coordination and to fulfill its obligations to report detailed demographic and other information to federal agencies on grants received from the US Department of Health and Human Services through the Low-Income Home Energy Assistance Program and from the US Department of Energy Weatherization Assistance Program for Low-Income Households.	Ongoing *(N/A)*	Ongoing
20	Program Reporting	The Companies are instructed to continue the schedule of regular program reporting established in their response to Condition of Approval No. 18 of DEEP's Determination regarding the 2020 C&LM Plan Update.[vii] The Companies should continue to follow the reporting requirements and timeline outlined in that response. In addition to the items listed in that response, DEEP may direct the Companies to include additional items in these reports as needed during the 2022-2024 Plan term. Starting with the 2022 Q2 report, the Companies are directed to	Ongoing *(Reporting)*	Ongoing

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
		report on the percentage of HES and HES-Income Eligible projects that accept and install each category of add-on measures under their respective programs, broken out by single-family and multifamily projects. **DEEP Modification (Feb. 14, 2023):** In 2023, the Companies are directed to work with the EEB to assess the effectiveness of all current reporting practices and make written recommendations for improvements to those practices, including, but not limited to: • The addition of new metrics and data points. • Changes to the structure and formatting of reports. • Changes to report frequency and delivery mechanisms. This assessment should summarize all existing reporting practices, including a review of quarterly reports to the EEB, the Statewide Energy Dashboard, and other regular reporting channels. The assessment should also include detailed recommendations for areas of improvement. Where appropriate, the Companies should draw from best practices of energy efficiency programs in other jurisdictions, including other New England States, such as: • Comparisons to past years (5 years) to gauge progress and to provide multiple reference points. • Detailed worksheets of each program but rolled up into a sector ("portfolio") summary of savings and costs, all in a single file for easy reference. • Detailed numbers of costs, savings, and participation, accompanied by data visualization. • A compiled record of each year (and comparisons to previous years) in one single file, instead of having to search in Box.com for multiple PowerPoint presentations. This assessment should be filed with DEEP by December 31, 2023.	Dec. 31, 2023	
21	Equitable Modern Grid Decisions	The Companies are instructed to propose updates to DEEP for review and approval, as needed, to align the Plan programs with the Distribution System Planning and Grid Modernization actions described in PURA dockets on those topics.	Ongoing *(N/A)*	Ongoing

Item No.	Program or Topic	Condition of Approval	Due Date / (Action)	Status
22	Heat Pump Pilot	In their comments on DEEP's Draft Determination regarding the 2022-2024 C&LM Plan, the Companies indicated that they planned to transition the Heat Pump Pilot into a standard program offering by December 31, 2022.[viii] Pursuant to Condition of Approval No. 17 of the 2020 C&LM Plan Update, the Companies should continue quarterly reporting to DEEP regarding the Heat Pump Pilot program for any quarters in the 2022-2024 Plan term during which the Pilot was operational.[ix] The Companies should provide a report of any findings resulting from the Heat Pump Pilot program to the EEB and DEEP no more than two months after the conclusion of the Pilot.	Ongoing *(Reporting)*	Filed Quarterly report on Aug. 14, 2022 Final report filed on Aug. 14, 2022
23	Electric Resistance Conversions	Pursuant to Condition of Approval No. 9 of the 2021 C&LM Plan Update, the Companies should continue quarterly reporting regarding the conversion of electric resistance customers to heat pumps.[x]	Ongoing *(Reporting)*	Reported at Res. Committee Meetings
24	Targeted Outreach for Arrearage/ Shutoff Customers	Pursuant to Condition of Approval No. 18 of the 2021 C&LM Plan Update, the Companies are instructed to prioritize the targeting of HES and HES-Income Eligible programs to those with the largest arrearages and the most frequent shutoffs.[xi] The Companies shall continue quarterly reporting on these targeted outreach efforts.	Ongoing *(Reporting)*	Filed Quarterly report on Aug. 15, 2022
25	Ongoing Evaluation Data Improvements	The Evaluation Administrator's memo to DEEP identified specific areas of improvement that would bring Eversource and Avangrid's data into alignment with industry standards. Throughout the 2022-2024 Plan term, the Companies are directed to work with the Evaluation Administrator to address these issues, with the expectation that they will make significant progress by the end of the Plan term. The Evaluation Administrator and Companies should report bi- annually to the Evaluation Committee on their progress, beginning at their Jul. 11, 2022 meeting.	Ongoing *(Reporting)*	Ongoing Updates made at the Jul. 11, 2022 meeting

[i] *See* Companies' response to Condition of Approval No. 3 of the 2021 C&LM Plan Update, Mar. 25, 2021.

[ii] *See* DEEP Determination: Approval with Conditions of the 2021 Plan Update to the 2019-2021 Conservation and Load Management Plan, Mar. 4, 2021.

[iii] *See* DEEP Final Determination, Equitable Energy Efficiency Proceeding: Phase I Goals and Actions, Jul. 21, 2021.

[iv] *See* Energize CT, Community Partnership for Energy Efficiency Engagement Initiative: Round 1 Application for Interested Parties, Aug. 4, 2021.

[v] *See* EEB Request for Proposals: Consultant on Diversity, Equity, and Inclusion to the EEB, Nov. 17, 2021.

[vi] *See* DEEP Conditional Approval of the 2019-2021 C&LM Plan, Attachment A: Schedule of Conditions of Approval, December 20, 2018.

[vii] *See* Companies' response to Condition of Approval No. 18 of the 2020 C&LM Plan Update, Jun. 30, 2020.

[viii] See Eversource Energy and Avangrid Networks, Inc. comments in response to DEEP's Draft Determination regarding the 2022-2024 Plan, April 27, 2022.

[ix] *See* DEEP's Conditional Approval of the 2020 C&LM Plan Update (Appendix A), Feb. 11, 2020.

[x] *See* DEEP Determination: Approval with Conditions of the 2021 Plan Update to the 2019-2021 Plan, Mar. 4, 2021.

[xi] *See* Id.

APPENDIX D: BUDGET & SAVINGS TABLES

D.1 Budget Summary of the 2022-2024 Plan Program Years

Table A – 2022 Combined Actual Results (Electric and Natural Gas)

Statewide EE BUDGET	2022 Eversource CT Electric Proposed Actual 12/31/2022	2022 UI Proposed Actual 12/31/2022	2022 Eversource CT Gas Proposed Actual 12/31/2022	2022 CNG Proposed Actual 12/31/2022	2022 SCG Proposed Actual 12/31/2022	2022 Statewide Combined Total 12/31/2022
RESIDENTIAL						
Residential Retail Products	$4,434,125	$1,230,876	$ -	$ -	$ -	$5,665,001
Residential New Construction	$3,185,852	$495,708	$690,912	$404,025	$60,737	$4,837,234
Home Energy Solutions	$31,892,216	$5,100,961	$3,701,147	$3,518,380	$3,251,331	$47,464,035
HVAC & Water Heating Equipment	$17,271,639	$2,238,227	$4,153,138	$1,411,931	$1,459,818	$26,534,753
HES-Income Eligible	$28,792,213	$4,463,456	$5,947,845	$3,770,628	$3,395,835	$46,369,977
Residential Behavior	$52,820	$178,542	$ -	$127,600	$141,658	$500,620
Subtotal: Residential EE Portfolio	**$85,628,864**	**$13,707,770**	**$14,493,043**	**$9,232,564**	**$8,309,379**	**$131,371,620**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$10,367,880	$2,472,864	$2,061,071	$1,053,896	$791,385	$16,747,096
Energy Opportunities	$38,731,889	$6,206,560	$2,938,627	$605,936	$419,908	$48,902,920
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$1,292,974	$984,894	$469,456	$225,766	$157,372	$3,130,462
Small Business	$7,228,749	$1,946,704	$200,641	$120,031	$279,367	$9,775,492
Subtotal: C&I EE Portfolio	**$57,621,492**	**$11,611,022**	**$5,669,795**	**$2,005,629**	**$1,648,032**	**$78,555,970**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$3,195,374	$826,658	$ -	$ -	$87,331	$4,109,363
C&I Demand Response	$3,811,930	$360,469	$ -	$90,221	$105,061	$4,367,681
Subtotal: Load Management	**$7,007,304**	**$1,187,127**	**$ -**	**$90,221**	**$192,392**	**$8,477,044**
OTHER - EDUCATION & ENGAGEMENT						
Energy Education	$571,003	$135,004	$61,472	$30,380	$28,253	$826,112
Workforce Development	$310,444	$107,668	$25,562	$9,830	$11,555	$465,059
Community Outreach	$137,988	$90,233	$53,641	$24,359	$24,685	$330,907
Customer Engagement Initiative	$190,713	$16,760	$8,382	$3,114	$3,183	$222,152
Subtotal: Education & Engagement	**$1,210,149**	**$349,665**	**$149,057**	**$67,683**	**$67,676**	**$1,844,230**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$2,300,989	$197,277	$42,167	$83,922	$92,621	$2,716,976
C&I Financing Support	$1,519,211	$ -	$2,091	$ -	$ -	$1,521,302
Research, Development & Demonstration	$17,653	$141,462	$1,695	$34,441	$97,450	$292,701
Subtotal: Programs/Requirements	**$3,837,853**	**$338,739**	**$45,954**	**$118,363**	**$190,071**	**$4,530,979**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$975,626	$486,862	$90,104	$188,145	$157,940	$1,898,677
Marketing Plan	$430,380	$114,189	$39,008	$48,714	$48,346	$680,637
Planning	$745,169	$517,006	$85,796	$183,763	$130,431	$1,662,165
EM&V	$2,880,000	$720,156	$300,000	$305,340	$305,340	$4,510,836
Evaluation Administrator	$292,217	$129,709	$32,277	$29,607	$50,251	$534,061
Information Technology	$1,850,333	$1,037,586	$152,571	$542,117	$531,950	$4,114,557
Energy Efficiency Board Consultants	$579,254	$128,000	$62,288	$53,333	$53,333	$876,208
Audits - Financial and Operational	$60,000	$24,000	$10,000	$10,000	$10,000	$114,000
Performance Management Incentive	$9,878,890	$1,650,399	$1,299,706	$806,837	$610,808	$14,244,478
Subtotal: Admin/Planning Expenditures	**$17,691,869**	**$4,807,907**	**$2,071,749**	**$2,167,856**	**$1,898,399**	**$28,635,618**
TOTAL	**$172,997,531**	**$32,002,230**	**$22,429,598**	**$13,682,316**	**$12,305,949**	**$253,415,462**

Table A – 2023 Combined Budgets (Electric and Natural Gas)

Statewide EE BUDGET	2023 Eversource CT Electric Proposed Budget 03/01/2023	2023 UI Proposed Budget 03/01/2023	2023 Eversource CT Gas Proposed Budget 03/01/2023	2023 CNG Proposed Budget 03/01/2023	2023 SCG Proposed Budget 03/01/2023	2023 Statewide Combined Total 03/01/2023
RESIDENTIAL						
Residential Retail Products	$3,558,000	$1,001,887	$ -	$ -	$ -	$4,559,887
Residential New Construction	$3,505,832	$561,642	$317,701	$232,032	$279,054	$4,896,260
Home Energy Solutions	$22,433,397	$4,938,451	$3,977,145	$2,581,035	$3,153,102	$37,083,130
HVAC & Water Heating Equipment	$13,928,670	$2,654,225	$3,041,653	$826,626	$1,061,825	$21,512,999
HES-Income Eligible	$16,567,682	$5,381,665	$5,266,439	$3,750,228	$6,552,923	$37,518,936
Residential Behavior	$90,000	$190,987	$10,000	$133,179	$168,872	$593,039
Subtotal: Residential EE Portfolio	**$60,083,581**	**$14,728,857**	**$12,612,938**	**$7,523,100**	**$11,215,775**	**$106,164,251**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$12,566,425	$4,727,909	$3,686,036	$1,616,259	$1,492,298	$24,088,928
Energy Opportunities	$32,903,888	$8,999,498	$3,402,534	$896,951	$911,599	$47,114,470
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,001,155	$1,332,732	$704,199	$473,690	$409,719	$5,921,494
Small Business	$11,843,210	$4,392,792	$578,815	$370,059	$315,119	$17,499,994
Subtotal: C&I EE Portfolio	**$60,314,678**	**$19,452,931**	**$8,371,583**	**$3,356,959**	**$3,128,735**	**$94,624,886**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$3,082,000	$765,297	$ -	$551,297	$551,297	$4,949,890
C&I Demand Response	$4,380,590	$591,014	$ -	$269,977	$269,977	$5,511,557
Subtotal: Load Management	**$7,462,590**	**$1,356,311**	**$ -**	**$821,273**	**$821,273**	**$10,461,447**
OTHER - EDUCATION & ENGAGEMENT						
Energy Education	$736,000	$184,000	$76,667	$76,667	$76,667	$1,150,000
Workforce Development	$793,600	$198,400	$82,667	$82,667	$82,667	$1,240,000
Community Outreach	$768,000	$192,000	$80,000	$80,000	$80,000	$1,200,000
Customer Engagement Initiative	$400,000	$80,000	$70,000	$50,000	$50,000	$650,000
Subtotal: Education & Engagement	**$2,697,600**	**$654,401**	**$309,333**	**$289,334**	**$289,333**	**$4,240,001**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$84,523	$86,292	$86,292	$2,403,845
C&I Financing Support	$1,000,000	$85,000	$93,905	$20,000	$75,000	$1,273,905
Research, Development & Demonstration	$162,227	$151,250	$50,000	$50,000	$50,000	$463,477
Subtotal: Programs/Requirements	**$3,162,227**	**$382,988**	**$228,428**	**$156,292**	**$211,292**	**$4,141,227**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$902,597	$180,673	$150,933	$186,202	$186,198	$1,606,602
Marketing Plan	$430,380	$121,400	$40,100	$40,100	$40,100	$672,081
Planning	$703,170	$194,043	$79,158	$122,148	$63,502	$1,162,021
EM&V	$2,880,000	$720,000	$300,000	$300,000	$300,000	$4,500,000
Evaluation Administrator	$284,232	$71,057	$29,607	$29,607	$29,607	$444,110
Information Technology	$1,839,097	$517,375	$140,726	$284,822	$332,473	$3,114,493
Energy Efficiency Board Consultants	$530,237	$132,559	$55,233	$55,233	$55,233	$828,494
Audits - Financial and Operational	$60,000	$24,000	$10,000	$10,000	$10,000	$114,000
Performance Management Incentive	$7,023,796	$1,915,449	$1,111,660	$654,011	$829,434	$11,534,350
Subtotal: Admin/Planning Expenditures	**$14,653,509**	**$3,876,556**	**$1,917,417**	**$1,682,122**	**$1,846,547**	**$23,976,150**
TOTAL	**$148,374,184**	**$40,452,043**	**$23,439,700**	**$13,829,080**	**$17,512,955**	**$243,607,962**

Table A – 2024 Combined Budgets (Electric and Natural Gas)

Statewide EE BUDGET	2024 Eversource CT Electric Proposed Budget 03/01/2023	2024 UI Proposed Budget 03/01/2023	2024 Eversource CT Gas Proposed Budget 03/01/2023	2024 CNG Proposed Budget 03/01/2023	2024 SCG Proposed Budget 03/01/2023	2024 Statewide Combined Total 03/01/2023
RESIDENTIAL						
Residential Retail Products	$3,300,000	$1,099,479	$ -	$ -	$ -	$4,399,479
Residential New Construction	$3,482,786	$616,350	$128,939	$113,213	$124,313	$4,465,601
Home Energy Solutions	$22,820,009	$4,348,520	$3,799,718	$3,069,500	$2,979,494	$37,017,241
HVAC & Water Heating Equipment	$13,506,628	$2,380,206	$3,086,115	$978,779	$1,156,155	$21,107,883
HES-Income Eligible	$16,232,025	$4,751,998	$5,183,773	$4,555,722	$3,859,968	$34,583,486
Residential Behavior	$90,000	$218,433	$10,000	$159,472	$207,031	$684,936
Subtotal: Residential EE Portfolio	**$59,431,448**	**$13,414,986**	**$12,208,545**	**$8,876,685**	**$8,326,963**	**$102,258,626**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$10,900,633	$4,280,473	$4,221,361	$1,974,478	$1,643,613	$23,020,559
Energy Opportunities	$32,921,033	$8,009,592	$3,883,212	$1,085,336	$1,004,878	$46,904,050
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,352,172	$995,340	$718,727	$594,348	$451,619	$6,112,206
Small Business	$12,363,154	$3,817,435	$743,850	$423,750	$345,825	$17,694,014
Subtotal: C&I EE Portfolio	**$59,536,993**	**$17,102,840**	**$9,567,149**	**$4,077,912**	**$3,445,935**	**$93,730,829**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$3,390,200	$833,588	$ -	$551,297	$551,297	$5,326,381
C&I Demand Response	$4,818,649	$591,014	$ -	$269,977	$269,977	$5,949,616
Subtotal Load Management	**$8,208,849**	**$1,424,602**	**$ -**	**$821,273**	**$821,273**	**$11,275,997**
OTHER - EDUCATION & ENGAGEMENT						
Energy Education	$736,000	$184,000	$76,667	$76,667	$76,667	$1,150,000
Workforce Development	$793,600	$198,400	$82,667	$82,667	$82,667	$1,240,000
Community Outreach	$806,400	$192,000	$80,000	$80,000	$80,000	$1,238,400
Customer Engagement Initiative	$400,000	$80,000	$70,000	$50,000	$50,000	$650,000
Subtotal: Education & Engagement	**$2,736,000**	**$654,401**	**$309,333**	**$289,334**	**$289,333**	**$4,278,401**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$84,523	$86,292	$86,292	$2,403,845
C&I Financing Support	$1,500,000	$85,000	$93,905	$20,000	$75,000	$1,773,905
Research, Development & Demonstration	$162,227	$151,250	$50,000	$50,000	$50,000	$463,477
Subtotal: Programs/Requirements	**$3,662,227**	**$382,988**	**$228,428**	**$156,292**	**$211,292**	**$4,641,227**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$902,597	$180,674	$150,933	$186,202	$186,198	$1,606,603
Marketing Plan	$430,380	$121,400	$40,100	$40,100	$40,100	$672,081
Planning	$703,170	$194,043	$79,158	$122,148	$63,502	$1,162,021
EM&V	$2,880,000	$720,000	$300,000	$300,000	$300,000	$4,500,000
Evaluation Administrator	$284,232	$71,057	$29,607	$29,607	$29,607	$444,110
Information Technology	$1,839,097	$517,375	$140,726	$260,822	$310,473	$3,068,493
Energy Efficiency Board Consultants	$530,237	$132,559	$55,233	$55,233	$55,233	$828,494
Audits - Financial and Operational	$60,000	$24,000	$10,000	$10,000	$10,000	$114,000
Performance Management Incentive	$7,016,538	$1,735,665	$1,151,219	$756,538	$699,753	$11,359,714
Subtotal: Admin/Planning Expenditures	**$14,646,251**	**$3,696,773**	**$1,956,976**	**$1,760,649**	**$1,694,866**	**$23,755,516**
TOTAL	**$148,221,767**	**$36,676,590**	**$24,270,432**	**$15,982,145**	**14,789,662**	**$239,940,596**

Table A – 2025 Combined Budgets (Electric and Natural Gas)

Statewide EE BUDGET	2025 Eversource CT Electric Proposed Budget 03/01/2023	2025 UI Proposed Budget 03/01/2023	2025 Eversource CT Gas Proposed Budget 03/01/2023	2025 CNG Proposed Budget 03/01/2023	2025 SCG Proposed Budget 03/01/2023	2025 Statewide Combined Total 03/01/2023
RESIDENTIAL						
Residential Retail Products	$3,300,000	$1,093,609	$ -	$ -	$ -	$4,393,609
Residential New Construction	$3,450,386	$613,059	$64,737	$59,697	$64,331	$4,252,211
Home Energy Solutions	$22,899,299	$4,335,978	$3,884,841	$3,128,430	$3,041,028	$37,289,576
HVAC & Water Heating Equipment	$13,377,028	$2,367,498	$3,098,976	$984,168	$1,153,657	$20,981,326
HES-Income Eligible	$16,070,025	$4,726,627	$5,274,705	$4,632,721	$3,934,884	$34,638,962
Residential Behavior	$90,000	$217,267	$10,000	$160,350	$206,584	$684,200
Subtotal: Residential EE Portfolio	**$59,186,738**	**$13,354,038**	**$12,333,260**	**$8,965,366**	**$8,400,483**	**102,239,885**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$10,783,021	$4,257,620	$4,238,953	$1,964,415	$1,660,115	$22,904,124
Energy Opportunities	$32,561,662	$8,469,410	$3,899,395	$1,080,182	$1,015,072	$47,025,721
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,312,968	$988,575	$721,722	$591,281	$456,199	$6,070,745
Small Business	$12,225,939	$3,795,808	$746,950	$484,346	$348,489	$17,601,532
Subtotal: C&I EE Portfolio	**$58,883,591**	**$17,511,413**	**$9,607,019**	**$4,120,224**	**$3,479,875**	**$93,602,122**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$3,729,220	$833,588	$ -	$551,297	$551,297	$5,665,401
C&I Demand Response	$5,300,514	$591,014	$ -	$269,977	$269,977	$6,431,481
Subtotal Load Management	**$9,029,734**	**$1,424,602**	**$ -**	**$821,273**	**$821,273**	**$12,096,882**
OTHER - EDUCATION & ENGAGEMENT						
Energy Education	$736,000	$184,000	$76,667	$76,667	$76,667	$1,150,000
Workforce Development	$793,600	$198,400	$82,667	$82,667	$82,667	$1,240,000
Community Outreach	$846,720	$192,000	$80,000	$80,000	$80,000	$1,278,720
Customer Engagement Initiative	$400,000	$80,000	$70,000	$50,000	$50,000	$650,000
Subtotal: Education & Engagement	**$2,776,320**	**$654,401**	**$309,333**	**$289,334**	**$289,333**	**$4,318,721**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$84,523	$86,292	$86,292	$2,403,845
C&I Financing Support	$1,500,000	$85,000	$93,905	$20,000	$75,000	$1,773,905
Research, Development & Demonstration	$162,227	$151,250	$50,000	$50,000	$50,000	$463,477
Subtotal: Programs/Requirements	**$3,662,227**	**$382,988**	**$228,428**	**$156,292**	**$211,292**	**$4,641,227**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$902,597	$180,674	$150,933	$186,202	$186,198	$1,606,603
Marketing Plan	$430,380	$121,400	$40,100	$40,100	$40,100	$672,081
Planning	$703,170	$194,043	$79,158	$122,148	$63,502	$1,162,021
EM&V	$2,880,000	$720,000	$300,000	$300,000	$300,000	$4,500,000
Evaluation Administrator	$284,232	$71,057	$29,607	$29,607	$29,607	$444,110
Information Technology	$1,839,097	$517,375	$140,726	$260,822	$310,473	$3,068,493
Energy Efficiency Board Consultants	$530,237	$132,559	$55,233	$55,233	$55,233	$828,494
Audits - Financial and Operational	$60,000	$24,000	$10,000	$10,000	$10,000	$114,000
Performance Management Incentive	$7,014,693	$1,753,047	$1,159,448	$763,088	$705,126	$11,395,402
Subtotal: Admin/Planning Expenditures	**$14,644,406**	**$3,714,154**	**$1,965,205**	**$1,767,199**	**$1,700,239**	**$23,791,203**
TOTAL	**$148,183,015**	**$37,041,596**	**$24,443,246**	**$16,119,687**	**14,902,496**	**$240,690,040**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2022)

2022 Statewide	Costs ($000) Electric			Costs ($000) Gas			Benefits ($000)		Benefit Cost Ratios		
	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	CT Efficiency Test Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test Cost Test	Total Resource Cost Test
Residential											
Retail Products	4,915	4,915	11,940	-	-	-	9,370	15,792	1.89	1.91	1.32
New Construction	4,560	4,610	9,917	1,658	1,658	2,967	16,882	24,430	2.25	2.69	1.90
Home Energy Solutions	13,611	28,407	31,163	6,383	6,383	6,483	76,350	110,401	1.02	2.19	2.93
HVAC & Water Heating Equipment	16,692	16,692	31,520	6,911	6,911	10,553	60,252	87,957	1.13	2.55	2.09
HES-Income Eligible	13,151	22,392	23,171	9,391	9,391	10,078	35,563	77,705	0.57	1.12	2.34
Behavior	372	372	372	262	262	262	1,139	1,922	1.80	1.80	3.03
Subtotal: Residential	**53,302**	**77,387**	**108,083**	**24,606**	**24,606**	**30,342**	**199,555**	**318,206**	**1.08**	**1.96**	**2.30**
Commercial & Industrial											
Energy Conscious Blueprint	17,749	17,749	22,670	6,653	6,653	9,294	59,529	87,343	2.44	2.44	2.73
Energy Opportunities	44,690	44,690	80,722	3,332	3,332	5,572	74,777	108,219	1.56	1.56	1.25
BES	4,330	4,330	7,139	1,380	1,380	2,173	13,214	20,095	2.30	2.31	2.16
Small Business	18,348	18,348	34,505	1,236	1,236	2,172	34,782	49,382	1.78	1.78	1.35
Subtotal: C&I	**85,117**	**85,117**	**145,036**	**12,601**	**12,601**	**19,210**	**182,302**	**265,039**	**1.87**	**1.87**	**1.61**
Demand Response											
Demand Response - Res	3,905	3,905	3,905	-	-	-	4,253	4,253	1.09	1.09	1.09
Demand Response - C&I	5,112	5,112	5,112	-	-	-	10,698	10,698	2.09	2.09	2.09
Subtotal: Demand Response	**9,017**	**9,017**	**9,017**	**-**	**-**	**-**	**14,951**	**14,950**	**1.66**	**1.66**	**1.66**
Subtotal: Other	**28,323**	**28,323**	**28,323**	**7,671**	**7,671**	**7,671**	**-**	**-**	**-**	**-**	**-**
TOTAL	**175,759**	**199,845**	**290,460**	**44,878**	**44,878**	**57,224**	**396,809**	**598,196**	**1.28**	**1.62**	**1.72**

2022 Statewide	Electric Quantities		Electric Savings			Gas Quantities		Gas Savings		
	No. of Elec Units	Units of Measure	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	No. of Gas Units	Units of Measure	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)
Residential										
Retail Products	541,484	Bulbs, Fixtures	14,481	75,701	2,275	-	-	-	-	-
New Construction	2,122	No. of Units	3,791	75,474	802	1,100	Homes	256,029	6,400,734	1,511
Home Energy Solutions	25,303	No. of Ptcps.	8,349	101,913	2,075	4,435	Homes	392,377	7,913,160	3,890
HVAC & Water Heating Equipment	73,844	No. of Ptcps.	7,832	123,739	2,256	17,343	Units	662,318	12,705,077	5,873
HES-Income Eligible	18,851	Customers	5,642	42,785	772	5,616	Homes	496,827	10,342,895	12,949
Behavior	165,000	Customers	2,955	5,195	82	54,086	Units	278,759	548,301	90
Subtotal: Residential	-	-	**43,050**	**424,808**	**8,262**	**-**	**-**	**2,086,311**	**37,910,166**	**24,314**
Commercial & Industrial										
Energy Conscious Blueprint	302	Projects	32,576	456,943	6,137	718	Projects	668,116	10,883,404	5,964
Energy Opportunities	1,162	Projects	78,244	561,605	11,933	156	Projects	479,665	4,717,083	3,451
BES	276	Projects	11,467	86,699	2,090	31	Projects	438,382	2,751,037	3,735
Small Business	1,150	Projects	32,112	253,361	5,950	472	Projects	148,151	1,995,099	1,292
Subtotal: C&I	-	-	**154,399**	**1,358,607**	**26,110**	**-**	**-**	**1,734,314**	**20,346,623**	**14,442**
Demand Response										
Demand Response - Res	33,504	No. of Ptcps.	-	-	19,759	-	-	-	-	-
Demand Response - C&I	354	No. of Ptcps.	-	-	80,674	-	-	-	-	-
Subtotal: Demand Response	-	-	-	-	-	-	-	-	-	-
Subtotal: Other	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	**197,449**	**1,783,416**	**134,804**	**-**	**-**	**3,820,625**	**58,256,788**	**38,756**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2022) (continued)

2022 Statewide	Oil/Propane Savings				MMBtu Savings		Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential								
Retail Products	-68,836	-56,863	2,724	44,495	40,109	254,470	4,446	29,484
New Construction	-	-	35,030	875,755	42,479	996,136	3,636	83,495
Home Energy Solutions	762,829	15,792,207	75,312	1,603,455	181,539	3,498,657	17,263	329,732
HVAC & Water Heating Equipment	546,619	8,134,512	150,188	2,154,461	184,404	3,054,494	16,716	271,942
HES-Income Eligible	303,454	6,494,573	27,165	614,131	114,939	2,167,088	10,102	187,328
Behavior	-	-	-	-	38,767	74,145	3,197	6,051
Subtotal: Residential	**1,544,066**	**30,364,429**	**290,420**	**5,292,298**	**602,238**	**10,044,991**	**55,361**	**908,032**
Commercial & Industrial								
Energy Conscious Blueprint	510	10,200	408	8,160	180,008	2,681,150	17,347	254,665
Energy Opportunities	2,028	20,280	1,775	17,745	316,768	2,406,017	32,961	246,512
BES	1,347	10,775	808	6,465	84,494	580,983	7,669	53,824
Small Business	720	12,960	954	17,172	124,999	1,073,129	13,172	110,515
Subtotal: C&I	**4,605**	**54,215**	**3,945**	**49,542**	**706,270**	**6,741,279**	**71,149**	**665,516**
Demand Response								
Demand Response - Res	-	-	-	-	-	-	-	-
Demand Response - C&I	-	-	-	-	-	-	-	-
Subtotal: Demand Response	-	-	-	-	-	-	-	-
Subtotal: Other	-	-	-	-	-	-	-	-
TOTAL	**1,548,671**	**30,418,645**	**294,364**	**5,341,840**	**1,308,507**	**16,786,270**	**126,510**	**1,573,548**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2023)

2023 Statewide	Costs ($000) Electric			Costs ($000) Gas			Benefits ($000)		Benefit Cost Ratios		
	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	CT Efficiency Test Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test Cost Test	Total Resource Cost Test
Residential											
Retail Products	4,766	4,766	13,868	0	0	0	14,864	21,446	1.98	3.12	1.55
New Construction	4,141	4,183	8,528	829	829	1,531	16,271	16,271	1.97	3.25	1.62
Home Energy Solutions	13,014	27,211	30,385	9,211	9,211	9,211	79,936	83,127	0.84	2.19	2.10
HVAC & Water Heating Equipment	11,832	16,543	44,037	4,930	4,930	7,970	94,951	94,951	0.83	4.42	1.83
HES-Income Eligible	12,418	21,789	21,857	16,070	16,070	16,129	49,888	68,171	0.49	1.32	1.79
Behavior	321	321	321	312	312	312	1,876	1,876	1.80	2.96	2.96
Subtotal: Residential	**46,491**	**74,812**	**118,996**	**31,352**	**31,352**	**35,153**	**257,786**	**285,841**	**0.86**	**2.43**	**1.85**
Commercial & Industrial											
Energy Conscious Blueprint	17,294	17,294	23,520	6,795	6,795	9,389	74,471	74,471	2.04	3.09	2.26
Energy Opportunities	41,903	41,903	74,752	5,211	5,211	9,043	105,493	105,493	1.53	2.24	1.26
BES	4,334	4,334	7,320	1,588	1,588	2,585	22,105	22,105	2.40	3.73	2.23
Small Business	16,236	16,236	30,617	1,264	1,264	2,069	41,694	41,694	1.68	2.38	1.28
Subtotal: C&I	**79,768**	**79,768**	**136,209**	**14,857**	**14,857**	**23,087**	**243,763**	**243,763**	**1.74**	**2.58**	**1.53**
Demand Response											
Demand Response - Res	3,847	3,847	3,847	-	-	-	4,376	4,376	1.14	1.14	1.14
Demand Response - C&I	4,972	4,972	4,972	-	-	-	12,433	12,433	2.50	2.50	2.50
Subtotal: Demand Response	**8,819**	**8,819**	**8,819**	**-**	**-**	**-**	**16,810**	**16,809**	**1.91**	**1.91**	**1.91**
Subtotal: Other	**25,427**	**25,427**	**25,427**	**8,573**	**8,573**	**8,573**	**-**	**-**	**-**	**-**	**-**
TOTAL	**160,505**	**188,826**	**289,452**	**54,782**	**54,782**	**66,812**	**518,359**	**546,413**	**1.16**	**2.13**	**1.53**

2023 Statewide	Electric Quantities		Electric Savings			Gas Quantities		Gas Savings		
	No. of Elec Units	Units of Measure	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	No. of Gas Units	Units of Measure	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)
Residential										
Retail Products	164,369	Bulbs, Fixtures	9,794	87,871	1,113	-	-	-	-	-
New Construction	1,758	No. of Units	3,120	63,254	633	577	Homes	123,851	3,096,271	669
Home Energy Solutions	29,087	No. of Ptcps.	5,283	72,435	1,695	8,113	Homes	445,314	8,793,706	5,077
HVAC & Water Heating Equipment	53,351	No. of Ptcps.	516	-7,067	1,271	35,878	Units	735,357	12,895,484	6,268
HES-Income Eligible	20,768	Customers	4,023	36,001	442	9,643	Homes	635,200	12,932,643	18,494
Behavior	163,250	Customers	2,843	5,686	82	52,482	Units	230,661	461,321	90
Subtotal: Residential	**-**	**-**	**25,579**	**258,180**	**5,235**	**-**	**-**	**2,170,383**	**38,179,424**	**30,597**
Commercial & Industrial										
Energy Conscious Blueprint	306	Projects	26,214	369,266	5,122	763	Projects	616,593	9,973,852	5,535
Energy Opportunities	1,104	Projects	74,046	532,778	11,041	268	Projects	802,121	8,007,243	5,096
BES	282	Projects	11,841	89,065	2,141	41	Projects	540,618	3,913,129	3,999
Small Business	1,005	Projects	27,621	217,839	4,890	326	Projects	125,416	1,903,567	1,081
Subtotal: C&I	**-**	**-**	**139,722**	**1,208,948**	**23,193**	**-**	**-**	**2,084,748**	**23,797,790**	**15,711**
Demand Response										
Demand Response - Res	33,063	No. of Ptcps.	-	-	20,109	-	-	-	-	-
Demand Response - C&I	379	No. of Ptcps.	-	-	84,442	-	-	-	-	-
Subtotal: Demand Response	**-**	**-**	**-**	**-**	**104,551**	**-**	**-**	**-**	**-**	**-**
Subtotal: Other	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TOTAL	**-**	**-**	**165,301**	**1,467,128**	**132,979**	**-**	**-**	**4,255,130**	**61,977,214**	**46,309**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2023) (continued)

2023 Statewide	Oil/Propane Savings				MMBtu Savings		Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential								
Retail Products	3,241	102,454	6,500	74,068	34,461	320,791	4,005	37,647
New Construction	-	-	22,909	572,725	25,483	586,736	2,301	51,871
Home Energy Solutions	512,101	10,147,939	46,213	945,966	139,092	2,645,832	12,747	241,012
HVAC & Water Heating Equipment	636,145	10,721,678	226,839	4,157,567	186,372	3,169,531	16,852	286,929
HES-Income Eligible	237,152	4,878,587	20,562	429,807	113,857	2,169,471	9,459	179,698
Behavior	-	-	-	-	33,435	66,871	2,798	5,596
Subtotal: Residential	**1,388,639**	**25,850,658**	**323,023**	**6,180,134**	**532,701**	**8,959,232**	**48,163**	**802,752**
Commercial & Industrial								
Energy Conscious Blueprint	20,598	312,024	14,297	217,007	157,051	2,349,340	15,053	222,168
Energy Opportunities	2,434	24,336	2,180	21,801	335,721	2,647,150	33,777	260,088
BES	1,257	10,058	754	6,035	96,273	708,496	8,567	63,319
Small Business	792	14,256	1,108	19,946	107,360	942,942	11,347	96,682
Subtotal: C&I	**25,080**	**360,674**	**18,340**	**264,789**	**696,405**	**6,647,928**	**68,744**	**642,257**
Demand Response								
Demand Response - Res	-	-	-	-	-	-	-	-
Demand Response - C&I	-	-	-	-	-	-	-	-
Subtotal: Demand Response	-	-	-	-	-	-	-	-
Subtotal: Other	-	-	-	-	-	-	-	-
TOTAL	**1,413,720**	**26,211,332**	**341,362**	**6,444,922**	**1,229,106**	**15,607,160**	**116,907**	**1,445,009**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2024)

2024 Statewide	Costs ($000) Electric			Costs ($000) Gas			Benefits ($000)		Benefit Cost Ratios		
	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	Utility Cost	CT Efficiency Test Cost	Total Resource Cost	CT Efficiency Test Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test Cost Test	Total Resource Cost Test
Residential											
Retail Products	4,399	4,399	13,514	-	-	-	14,662	20,750	2.11	3.33	1.54
New Construction	4,058	4,099	8,968	366	366	613	12,935	12,935	1.79	2.90	1.35
Home Energy Solutions	13,318	27,169	30,158	9,849	9,849	10,118	79,689	83,285	0.78	2.15	2.07
HVAC & Water Heating Equipment	9,092	15,887	48,382	5,221	5,221	8,343	110,921	110,921	0.64	5.25	1.96
HES-Income Eligible	12,253	20,984	22,113	13,599	13,599	14,728	46,007	63,418	0.47	1.33	1.72
Behavior	308	308	308	377	377	377	1,753	1,753	1.55	2.56	2.56
Subtotal: Residential	**43,429**	**72,846**	**123,444**	**29,412**	**29,412**	**34,178**	**265,967**	**293,062**	**0.79**	**2.60**	**1.86**
Commercial & Industrial											
Energy Conscious Blueprint	15,181	15,181	20,677	7,831	7,831	10,992	67,805	67,805	1.91	2.95	2.14
Energy Opportunities	40,931	40,931	72,768	5,978	5,978	10,521	103,884	103,884	1.52	2.21	1.25
BES	4,348	4,348	7,342	1,745	1,745	2,898	23,006	23,006	2.41	3.78	2.25
Small Business	16,181	16,181	30,180	1,536	1,536	2,680	40,420	40,420	1.61	2.28	1.23
Subtotal: C&I	**76,640**	**76,640**	**130,968**	**17,091**	**17,091**	**27,091**	**235,115**	**235,115**	**1.69**	**2.51**	**1.49**
Demand Response											
Demand Response - Res	4,224	4,224	4,224	-	-	-	4,998	4,997	1.18	1.18	1.18
Demand Response - C&I	5,410	5,410	5,410	-	-	-	13,538	13,538	2.50	2.50	2.50
Subtotal: Demand Response	**9,633**	**9,633**	**9,633**	**-**	**-**	**-**	**18,535**	**18,535**	**1.92**	**1.92**	**1.92**
Subtotal: Other	**25,779**	**25,779**	**25,779**	**8,539**	**8,539**	**8,539**	**-**	**-**	**-**	**-**	**-**
TOTAL	**155,481**	**184,898**	**289,823**	**55,042**	**55,042**	**69,808**	**519,617**	**546,712**	**1.12**	**2.17**	**1.52**

2024 Statewide	Electric Quantities		Electric Savings			Gas Quantities		Gas Savings		
	No. of Elec Units	Units of Measure	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	No. of Gas Units	Units of Measure	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)
Residential										
Retail Products	111,958	Bulbs, Fixtures	9,342	89,237	957	-	-	-	-	-
New Construction	1,684	No. of Units	2,988	62,189	574	219	Homes	42,734	1,068,353	194
Home Energy Solutions	27,825	No. of Ptcps.	5,231	71,066	1,632	8,130	Homes	441,292	8,686,697	4,952
HVAC & Water Heating Equipment	54,301	No. of Ptcps.	-2,073	-53,605	783	35,040	Units	768,020	13,614,487	6,921
HES-Income Eligible	19,312	Customers	3,345	33,286	288	9,005	Homes	552,481	11,148,261	20,321
Behavior	161,587	Customers	2,737	5,473	82	50,958	Units	220,727	441,455	90
Subtotal: Residential	**-**	**-**	**21,569**	**207,645**	**4,316**	**-**	**-**	**2,025,254**	**34,959,253**	**32,478**
Commercial & Industrial										
Energy Conscious Blueprint	264	Projects	21,995	310,033	4,614	894	Projects	734,943	11,909,006	6,684
Energy Opportunities	1,023	Projects	70,712	523,377	10,803	322	Projects	944,534	9,418,779	6,074
BES	284	Projects	12,242	92,153	2,125	46	Projects	618,453	4,478,319	4,790
Small Business	1,009	Projects	26,080	207,658	4,911	405	Projects	177,269	2,676,206	1,513
Subtotal: C&I	**-**	**-**	**131,028**	**1,133,220**	**22,453**	**-**	**-**	**2,475,199**	**28,482,309**	**19,061**
Demand Response										
Demand Response - Res	36,930	No. of Ptcps.	-	-	22,568	-	-	-	-	-
Demand Response - C&I	413	No. of Ptcps.	-	-	90,020	-	-	-	-	-
Subtotal: Demand Response	**-**	**-**	**-**	**-**	**112,588**	**-**	**-**	**-**	**-**	**-**
Subtotal: Other	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TOTAL	**-**	**-**	**152,597**	**1,340,865**	**139,357**	**-**	**-**	**4,500,453**	**63,441,562**	**51,539**

Table B – Statewide Electric and Natural Gas Costs and Benefits (2024) (continued)

2024 Statewide	Oil/Propane Savings				MMBtu Savings		Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential								
Retail Products	10,237	112,606	8,178	89,954	34,041	328,308	3,967	38,444
New Construction	-	-	23,748	593,695	16,761	376,345	1,657	36,626
Home Energy Solutions	503,448	9,985,046	42,846	864,942	136,994	2,600,158	12,559	236,838
HVAC & Water Heating Equipment	814,042	13,902,201	282,575	5,019,799	210,662	3,604,586	19,033	325,757
HES-Income Eligible	224,467	4,595,748	19,872	412,921	101,209	1,935,823	8,518	161,573
Behavior	-	-	-	-	32,050	64,100	2,683	5,367
Subtotal: Residential	**1,552,194**	**28,595,600**	**377,218**	**6,981,311**	**531,716**	**8,909,319**	**48,417**	**804,606**
Commercial & Industrial								
Energy Conscious Blueprint	18,621	282,878	13,121	199,875	154,453	2,340,756	14,310	213,741
Energy Opportunities	2,839	28,392	2,586	25,857	339,090	2,761,253	33,575	266,953
BES	1,110	8,878	889	7,112	105,644	777,125	9,296	68,679
Small Business	862	15,509	1,106	19,909	107,445	987,880	11,143	98,526
Subtotal: C&I	**23,431**	**335,656**	**17,702**	**252,754**	**706,632**	**6,867,013**	**68,324**	**647,899**
Demand Response								
Demand Response - Res	-	-	-	-	-	-	-	-
Demand Response - C&I	-	-	-	-	-	-	-	-
Subtotal: Demand Response	-	-	-	-	-	-	-	-
Subtotal: Other	-	-	-	-	-	-	-	-
TOTAL	**1,575,625**	**28,931,256**	**394,920**	**7,234,065**	**1,238,348**	**15,776,333**	**116,741**	**1,452,506**

D.2 Statewide Electric Tables

Combined Electric Table A1 (2022)

Eversource CT Electric/UI EE BUDGET	2022 Eversource CT Electric Actuals 12/31/22	2022 UI Actuals 12/31/22	2022 Eversource CT Electric/UI Combined Total 12/31/22
RESIDENTIAL			
Residential Retail Products	$4,434,125	$1,230,876	$5,665,001
Residential New Construction	$3,185,852	$495,708	$3,681,560
Home Energy Solutions	$31,892,216	$5,100,961	$36,993,177
HVAC & Water Heating Equipment	$17,271,639	$2,238,227	$19,509,866
HES-Income Eligible	$28,792,213	$4,463,456	$33,255,669
Residential Behavior	$52,820	$178,542	$231,362
Subtotal: Residential EE Portfolio	**$85,628,864**	**$13,707,770**	**$99,336,634**
COMMERCIAL & INDUSTRIAL			
Energy Conscious Blueprint	$10,367,880	$2,472,864	$12,840,744
Energy Opportunities	$38,731,889	$6,206,560	$44,938,449
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$1,292,974	$984,894	$2,277,868
Small Business	$7,228,749	$1,946,704	$9,175,453
Subtotal: C&I EE Portfolio	**$57,621,492**	**$11,611,022**	**$69,232,514**
OTHER - LOAD MANAGEMENT			
Residential Demand Response	$3,195,374	$826,658	$4,022,032
C&I Demand Response	$3,811,930	$360,469	$4,172,399
Subtotal: Load Management	**$7,007,304**	**$1,187,127**	**$8,194,431**
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	$571,003	$135,004	$706,007
Workforce Development	$310,444	$107,668	$418,112
Community Outreach	$137,988	$90,233	$228,221
Customer Engagement Initiative	$190,713	$16,760	$207,473
Subtotal: Education & Engagement	**$1,210,149**	**$349,665**	**$1,559,814**
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program (includes ECLF and OBR)	$2,300,989	$197,277	$2,498,266
C&I Financing Support	$1,519,211	$ -	$1,519,211
Research, Development & Demonstration	$17,653	$141,462	$159,115
Subtotal: Programs/Requirements	**$3,837,853**	**$338,739**	**$4,176,592**
OTHER - ADMINISTRATIVE & PLANNING			
Administration	$975,626	$486,862	$1,462,488
Marketing Plan	$430,380	$114,189	$544,569
Planning	$745,169	$517,006	$1,262,175
Evaluation Measurement and Verification	$2,880,000	$720,156	$3,600,156
Evaluation Administrator	$292,217	$129,709	$421,926
Information Technology	$1,850,333	$1,037,586	$2,887,919
Energy Efficiency Board Consultants	$579,254	$128,000	$707,254
Audits - Financial and Operational	$60,000	$24,000	$84,000
Performance Management Incentive (PMI)	$9,878,890	$1,648,237	$11,527,127
Subtotal: Admin/Planning Expenditures	**$17,691,869**	**$4,805,745**	**$22,497,614**
TOTAL	**$172,997,531**	**$32,000,068**	**$204,997,599**

Combined Electric Table A1 (2023)

Eversource CT Electric/UI EE BUDGET	2023 Eversource CT Electric Proposed Budget 03/01/23	2023 UI Proposed Budget 03/01/23	2023 Eversource CT Electric/UI Combined Total 03/01/23
RESIDENTIAL			
Residential Retail Products	$3,558,000	$1,001,887	$4,559,887
Residential New Construction	$3,505,832	$561,642	$4,067,474
Home Energy Solutions	$22,433,397	$4,938,451	$27,371,848
HVAC & Water Heating Equipment	$13,928,670	$2,654,225	$16,582,895
HES-Income Eligible	$16,567,682	$5,381,665	$21,949,347
Residential Behavior	$90,000	$190,987	$280,987
Subtotal: Residential EE Portfolio	**$60,083,581**	**$14,728,857**	**$74,812,438**
COMMERCIAL & INDUSTRIAL			
Energy Conscious Blueprint	$12,566,425	$4,727,909	$17,294,334
Energy Opportunities	$32,903,888	$8,999,498	$41,903,386
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,001,155	$1,332,732	$4,333,887
Small Business	$11,843,210	$4,392,792	$16,236,002
Subtotal: C&I EE Portfolio	**$60,314,678**	**$19,452,931**	**$79,767,608**
OTHER - LOAD MANAGEMENT			
Residential Demand Response	$3,082,000	$765,297	$3,847,297
C&I Demand Response	$4,380,590	$591,014	$4,971,604
Subtotal: Load Management	**$7,462,590**	**$1,356,311**	**$8,818,901**
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	$736,000	$184,000	$920,000
Workforce Development	$793,600	$198,400	$992,000
Community Outreach	$768,000	$192,000	$960,000
Customer Engagement Initiative	$400,000	$80,000	$480,000
Subtotal: Education & Engagement	**$2,697,600**	**$654,401**	**$3,352,001**
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$2,146,738
C&I Financing Support	$1,000,000	$85,000	$1,085,000
Research, Development & Demonstration	$162,227	$151,250	$313,477
Subtotal: Programs/Requirements	**$3,162,227**	**$382,988**	**$3,545,215**
OTHER - ADMINISTRATIVE & PLANNING			
Administration	$902,597	$180,673	$1,083,269
Marketing Plan	$430,380	$121,400	$551,780
Planning	$703,170	$194,043	$897,213
Evaluation Measurement and Verification	$2,880,000	$720,000	$3,600,000
Evaluation Administrator	$284,232	$71,057	$355,289
Information Technology	$1,839,097	$517,375	$2,356,472
Energy Efficiency Board Consultants	$530,237	$132,559	$662,796
Audits - Financial and Operational	$60,000	$24,000	$84,000
Performance Management Incentive (PMI)	$7,023,796	$1,915,449	$8,939,245
Subtotal: Admin/Planning Expenditures	**$14,653,509**	**$3,876,556**	**$18,530,064**
TOTAL	**$148,374,184**	**$40,452,043**	**$188,826,227**

Combined Electric Table A1 (2024)

Eversource CT Electric/UI EE BUDGET	2024 Eversource CT Electric Proposed Budget 03/01/23	2024 UI Proposed Budget 03/01/23	2024 Eversource CT Electric/UI Combined Total 03/01/23
RESIDENTIAL			
Residential Retail Products	$3,300,000	$1,099,479	$4,399,479
Residential New Construction	$3,482,786	$616,350	$4,099,136
Home Energy Solutions	$22,820,009	$4,348,520	$27,168,529
HVAC & Water Heating Equipment	$13,506,628	$2,380,206	$15,886,834
HES-Income Eligible	$16,232,025	$4,751,998	$20,984,023
Residential Behavior	$90,000	$218,433	$308,433
Subtotal: Residential EE Portfolio	**$59,431,448**	**$13,414,986**	**$72,846,434**
COMMERCIAL & INDUSTRIAL			
Energy Conscious Blueprint	$10,900,633	$4,280,473	$15,181,107
Energy Opportunities	$32,921,033	$8,009,592	$40,930,625
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,352,172	$995,340	$4,347,512
Small Business	$12,363,154	$3,817,435	$16,180,589
Subtotal: C&I EE Portfolio	**$59,536,993**	**$17,102,840**	**$76,639,832**
OTHER - LOAD MANAGEMENT			
Residential Demand Response	$3,390,200	$833,588	$4,223,788
C&I Demand Response	$4,818,649	$591,014	$5,409,663
Subtotal: Load Management	**$8,208,849**	**$1,424,602**	**$9,633,451**
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	$736,000	$184,000	$920,000
Workforce Development	$793,600	$198,400	$992,000
Community Outreach	$806,400	$192,000	$998,400
Customer Engagement Initiative	$400,000	$80,000	$480,000
Subtotal: Education & Engagement	**$2,736,000**	**$654,401**	**$3,390,401**
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$2,146,738
C&I Financing Support	$1,500,000	$85,000	$1,585,000
Research, Development & Demonstration	$162,227	$151,250	$313,477
Subtotal: Programs/Requirements	**$3,662,227**	**$382,988**	**$4,045,215**
OTHER - ADMINISTRATIVE & PLANNING			
Administration	$902,597	$180,674	$1,083,271
Marketing Plan	$430,380	$121,400	$551,780
Planning	$703,170	$194,043	$897,213
Evaluation Measurement and Verification	$2,880,000	$720,000	$3,600,000
Evaluation Administrator	$284,232	$71,057	$355,289
Information Technology	$1,839,097	$517,375	$2,356,472
Energy Efficiency Board Consultants	$530,237	$132,559	$662,796
Audits - Financial and Operational	$60,000	$24,000	$84,000
Performance Management Incentive (PMI)	$7,016,538	$1,735,665	$8,752,203
Subtotal: Admin/Planning Expenditures	**$14,646,251**	**$3,696,773**	**$18,343,024**
TOTAL	**$148,221,767**	**$36,676,590**	**$184,898,357**

Combined Electric Table A1 (2025)

Eversource CT Electric/UI EE BUDGET	2025 Eversource CT Electric Proposed Budget 03/01/23	2025 UI Proposed Budget 03/01/23	2025 Eversource CT Electric/UI Combined Total 03/01/23
RESIDENTIAL			
Residential Retail Products	$3,300,000	$1,093,609	$4,393,609
Residential New Construction	$3,450,386	$613,059	$4,063,445
Home Energy Solutions	$22,899,299	$4,335,978	$27,235,277
HVAC & Water Heating Equipment	$13,377,028	$2,367,498	$15,744,526
HES-Income Eligible	$16,070,025	$4,726,627	$20,796,652
Residential Behavior	$90,000	$217,267	$307,267
Subtotal: Residential EE Portfolio	**$59,186,738**	**$13,354,038**	**$72,540,776**
COMMERCIAL & INDUSTRIAL			
Energy Conscious Blueprint	$10,783,021	$4,257,620	$15,040,641
Energy Opportunities	$32,561,662	$8,469,410	$41,031,072
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$3,312,968	$988,575	$4,301,543
Small Business	$12,225,939	$3,795,808	$16,021,747
Subtotal: C&I EE Portfolio	**$58,883,591**	**$17,511,413**	**$76,395,003**
OTHER - LOAD MANAGEMENT			
Residential Demand Response	$3,729,220	$833,588	$4,562,808
C&I Demand Response	$5,300,514	$591,014	$5,891,528
Subtotal: Load Management	**$9,029,734**	**$1,424,602**	**$10,454,336**
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	$736,000	$184,000	$920,000
Workforce Development	$793,600	$198,400	$992,000
Community Outreach	$846,720	$192,000	$1,038,720
Customer Engagement Initiative	$400,000	$80,000	$480,000
Subtotal: Education & Engagement	**$2,776,320**	**$654,401**	**$3,430,721**
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program (includes ECLF and OBR)	$2,000,000	$146,738	$2,146,738
C&I Financing Support	$1,500,000	$85,000	$1,585,000
Research, Development & Demonstration	$162,227	$151,250	$313,477
Subtotal: Programs/Requirements	**$3,662,227**	**$382,988**	**$4,045,215**
OTHER - ADMINISTRATIVE & PLANNING			
Administration	$902,597	$180,674	$1,083,271
Marketing Plan	$430,380	$121,400	$551,780
Planning	$703,170	$194,043	$897,213
Evaluation Measurement and Verification	$2,880,000	$720,000	$3,600,000
Evaluation Administrator	$284,232	$71,057	$355,289
Information Technology	$1,839,097	$517,375	$2,356,472
Energy Efficiency Board Consultants	$530,237	$132,559	$662,796
Audits - Financial and Operational	$60,000	$24,000	$84,000
Performance Management Incentive (PMI)	$7,014,693	$1,753,047	$8,767,740
Subtotal: Admin/Planning Expenditures	**$14,644,406**	**$3,714,154**	**$18,358,560**
TOTAL	**$148,183,015**	**$37,041,596**	**$185,224,611**

Combined Electric Table A2 (2022-2025)

Table A2
2022-2025
Eversource CT Electric /United Illuminating EE Revenues

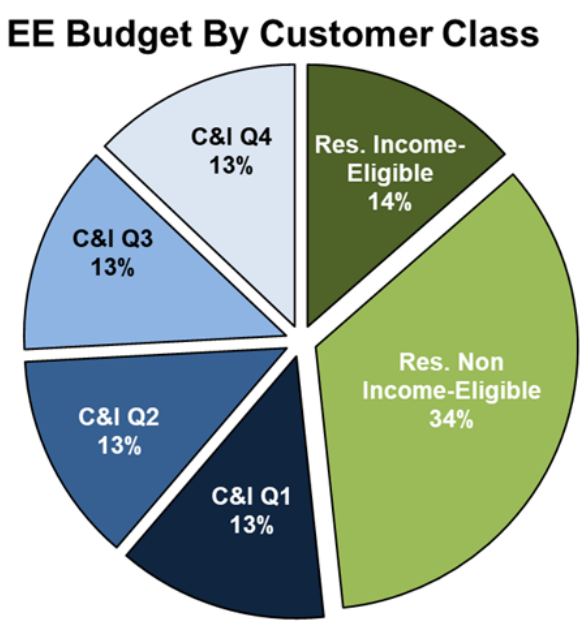
ES CT Electric/UI EE REVENUES	2022 Eversource CT Electric Revenues 12/31/22	2022 UI Revenues 12/31/22	2022 Eversource CT Electric/UI Total 12/31/22	2023 Eversource CT Electric Revenues 03/01/23	2023 UI Revenues 03/01/23	2023 Eversource CT Electric/UI Total 03/01/23
ISO-NE Forward Capacity Market Revenues**	$24,544,209	$5,228,418	$29,772,627	$16,283,734	$3,166,813	$19,450,547
Class III Renewable Energy Credits	$515,564	$212,292	$727,856	$ -	$ -	$ -
RGGI*	$17,228,238	$3,957,059	$21,185,297	$22,783,944	$6,828,810	$29,612,754
CAM (Net of Gross Receipts Tax)	$108,826,792	$27,559,167	$136,385,959	$112,614,275	$26,883,767	$139,498,042
Prior Period Over/(Under) Collections	$20,447,971	$4,747,865	$25,195,836	$4,721,898	$1,006,100	$5,727,998
Prior Period Under/(Over) Budget	$(1,630,127)	$(6,080,508)	$(7,710,635)	$(8,029,667)	$2,405,990	$(5,623,677)
Interest Due to Company/ Other Revenues	$ -	$295,807	$295,807	$ -	$160,563	$160,563
Total: EE Revenues	**$169,932,646**	**$35,920,100**	**$205,852,746**	**$148,374,184**	**$40,452,043**	**$188,826,227**

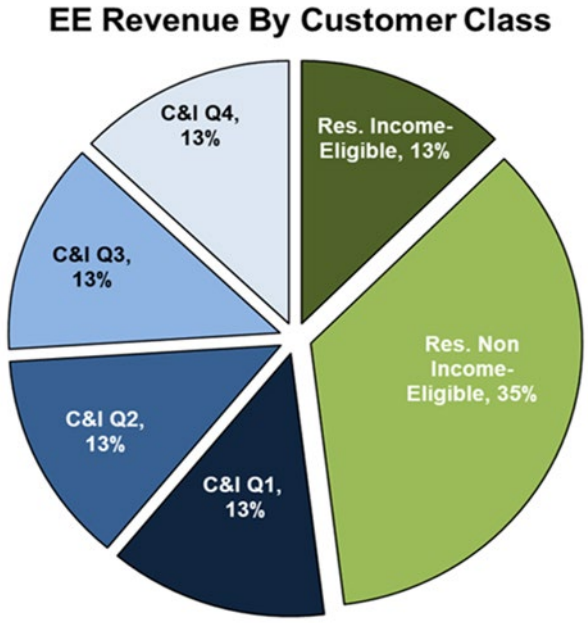
ES CT Electric/UI EE REVENUES	2024 Eversource CT Electric Revenues 03/01/23	2024 UI Revenues 03/01/23	2024 Eversource CT Electric/UI Total 03/01/23	2025 Eversource CT Electric Revenues 03/01/23	2025 UI Revenues 03/01/23	2025 Eversource CT Electric/UI Total 03/01/23
ISO-NE Forward Capacity Market Revenues**	$12,757,641	$2,685,762	$15,443,403	$12,500,000	$2,669,997	$15,169,997
RGGI*	$23,353,542	$6,965,387	$30,318,929	$23,937,381	$7,104,694	$31,042,075
CAM (Net of Gross Receipts Tax)	$112,110,584	$27,025,441	$139,136,025	$111,745,634	$27,266,905	$139,012,539
Total: EE Revenues	**$148,221,767**	**$36,676,590**	**$184,898,357**	**$148,183,015**	**$37,041,596**	**$185,224,611**

*RGGI Budget is based on calculation by the Companies and DEEP.
**The EE FCM Payment Rates are: FCA-12-$4.63/kW-month, FCA-13-$3.80/kW-month, FCA-14-$2.00/kW-month, FCA-15-$2.61/kW-month and FCA-16-$2.59/kW-month.

Combined Electric Table Pie Chart (2023)

Statewide (ES CT Electric and UI)
2023 EE Budget and Parity Analysis
Table A1 Pie Chart





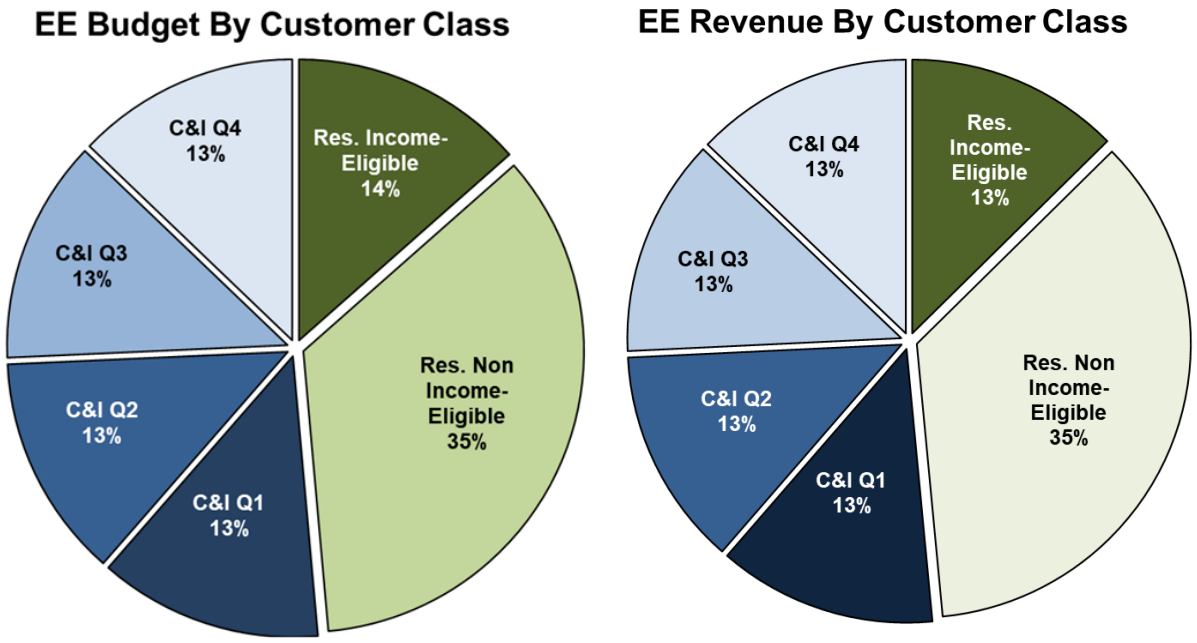
Customer Class	Budget ($,000) *	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$23,965,996	13%	14%	13%	1%
Res. Non-Income-Eligible	$57,815,821	31%	34%	35%	-1%
Residential Subtotal	**$81,781,817**	**43%**	**48%**	**48%**	**0%**
C&I	$88,752,649	47%	52%	52%	0%
C&I Q1			13%	13%	
C&I Q2			13%	13%	
C&I Q3			13%	13%	
C&I Q4			13%	13%	
C&I Subtotal	**$88,752,649**	**47%**	**52%**	**52%**	**0%**
Residential and C&I Subtotal	**$170,534,466**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$18,291,761	10%			
Other Expenditures Subtotal	**$18,291,761**	**10%**			
Energy Efficiency Total	**$188,826,227**	**100%**			
Eversource CT Electric	**$148,374,184**	**79%**			
United Illuminating	**$40,452,043**	**21%**			

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Combined Electric Table Pie Chart (2024)

Statewide (ES CT Electric and UI)
2024 EE Budget and Parity Analysis
Table A1 Pie Chart



Customer Class	Budget ($,000) *	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$23,073,131	12%	14%	13%	1%
Res. Non-Income-Eligible	$58,738,373	32%	35%	35%	0%
Residential Subtotal	**$81,811,504**	**44%**	**49%**	**48%**	**1%**
C&I	$84,982,132	46%	51%	52%	-1%
C&I Q1			13%	13%	
C&I Q2			13%	13%	
C&I Q3			13%	13%	
C&I Q4			13%	13%	
C&I Subtotal	**$84,982,132**	**46%**	**51%**	**52%**	**-1%**
Residential and C&I Subtotal	**$166,793,636**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$18,104,721	10%			
Other Expenditures Subtotal	**$18,104,721**	**10%**			
Energy Efficiency Total	**$184,898,357**	**100%**			
Eversource CT Electric	**$148,221,767**	**80%**			
United Illuminating	**$36,676,590**	**20%**			

Totals may vary due to rounding.
*Please see attached Budget Allocation Table.

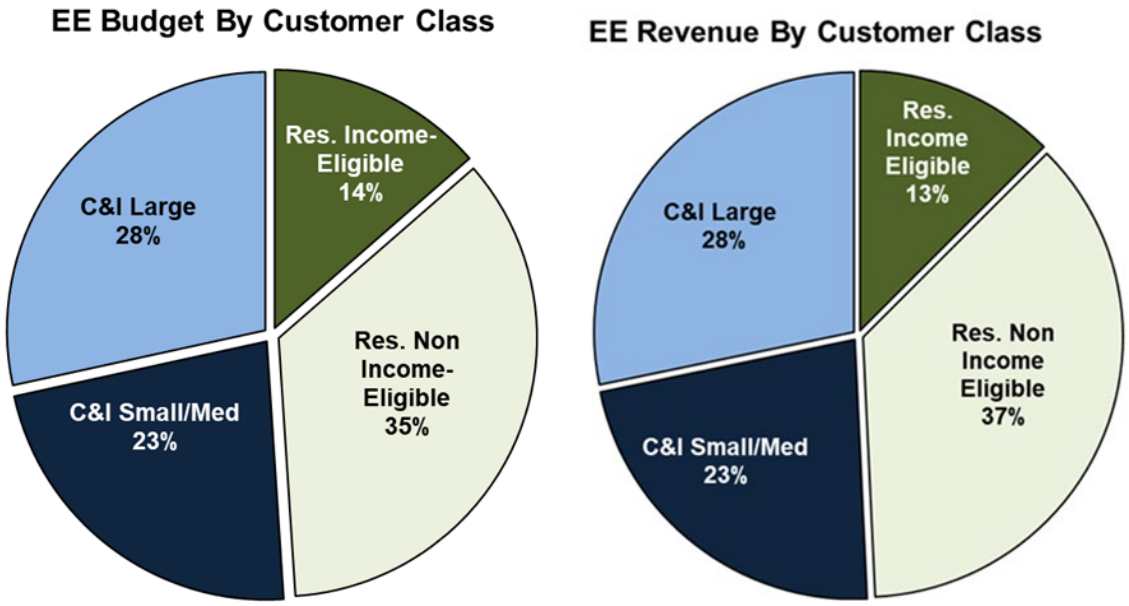
D.3 Eversource Electric Tables

Eversource Electric Table A1 (2022-2025)

EVERSOURCE CT ELECTRIC EE BUDGET	2022 ES CT Electric Actual Results 12/31/22	2023 ES CT Electric Proposed Budget 03/01/23	2024 ES CT Electric Proposed Budget 03/01/23	2025 ES CT Electric Proposed Budget 03/01/23
RESIDENTIAL				
Residential Retail Products	$ 4,434,125	$ 3,558,000	$ 3,300,000	$ 3,300,000
Residential New Construction	$ 3,185,852	$ 3,505,832	$ 3,482,786	$ 3,450,386
Home Energy Solutions	$ 31,892,216	$ 22,433,397	$ 22,820,009	$ 22,899,299
HVAC & Water Heating Equipment	$ 17,271,639	$ 13,928,670	$ 13,506,628	$ 13,377,028
HES-Income Eligible	$ 28,792,213	$ 16,567,682	$ 16,232,025	$ 16,070,025
Residential Behavior	$ 52,820	$ 90,000	$ 90,000	$ 90,000
Subtotal: Residential EE Portfolio	**$ 85,628,864**	**$ 60,083,581**	**$ 59,431,448**	**$ 59,186,738**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 10,367,880	$ 12,566,425	$ 10,900,633	$ 10,783,021
Energy Opportunities	$ 38,731,889	$ 32,903,888	$ 32,921,033	$ 32,561,662
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$ 1,292,974	$ 3,001,155	$ 3,352,172	$ 3,312,968
Small Business	$ 7,228,749	$ 11,843,210	$ 12,363,154	$ 12,225,939
Subtotal: C&I EE Portfolio	**$ 57,621,492**	**$ 60,314,678**	**$ 59,536,993**	**$ 58,883,591**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$ 3,195,374	$ 3,082,000	$ 3,390,200	$ 3,729,220
C&I Demand Response	$ 3,811,930	$ 4,380,590	$ 4,818,649	$ 5,300,514
Subtotal: Load Management	**$ 7,007,304**	**$ 7,462,590**	**$ 8,208,849**	**$ 9,029,734**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 571,003	$ 736,000	$ 736,000	$ 736,000
Workforce Development	$ 310,444	$ 793,600	$ 793,600	$ 793,600
Community Outreach	$ 137,988	$ 768,000	$ 806,400	$ 846,720
Customer Engagement Initiative	$ 190,713	$ 400,000	$ 400,000	$ 400,000
Subtotal: Education & Engagement	**$ 1,210,149**	**$ 2,697,600**	**$ 2,736,000**	**$ 2,776,320**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF and OBR)	$ 2,300,989	$ 2,000,000	$ 2,000,000	$ 2,000,000
C&I Financing Support	$ 1,519,211	$ 1,000,000	$ 1,500,000	$ 1,500,000
Research, Development & Demonstration	$ 17,653	$ 162,227	$ 162,227	$ 162,227
Subtotal: Programs/Requirements	**$ 3,837,853**	**$ 3,162,227**	**$ 3,662,227**	**$ 3,662,227**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 975,626	$ 902,597	$ 902,597	$ 902,597
Marketing Plan	$ 430,380	$ 430,380	$ 430,380	$ 430,380
Planning	$ 745,169	$ 703,170	$ 703,170	$ 703,170
Evaluation Measurement and Verification	$ 2,880,000	$ 2,880,000	$ 2,880,000	$ 2,880,000
Evaluation Administrator	$ 292,217	$ 284,232	$ 284,232	$ 284,232
Information Technology	$ 1,850,333	$ 1,839,097	$ 1,839,097	$ 1,839,097
Energy Efficiency Board Consultants	$ 579,254	$ 530,237	$ 530,237	$ 530,237
Audits - Financial and Operational	$ 60,000	$ 60,000	$ 60,000	$ 60,000
Performance Management Incentive	$ 9,878,890	$ 7,023,796	$ 7,016,538	$ 7,014,693
Subtotal: Admin/Planning Expenditures	**$ 17,691,869**	**$ 14,653,509**	**$ 14,646,251**	**$ 14,644,406**
TOTAL	**$ 172,997,531**	**$ 148,374,184**	**$ 148,221,767**	**$ 148,183,015**

Eversource Electric Table A Pie Chart (2023)

Eversource CT Electric
2023 EE Budget and Parity Analysis
Table A1 Pie Chart

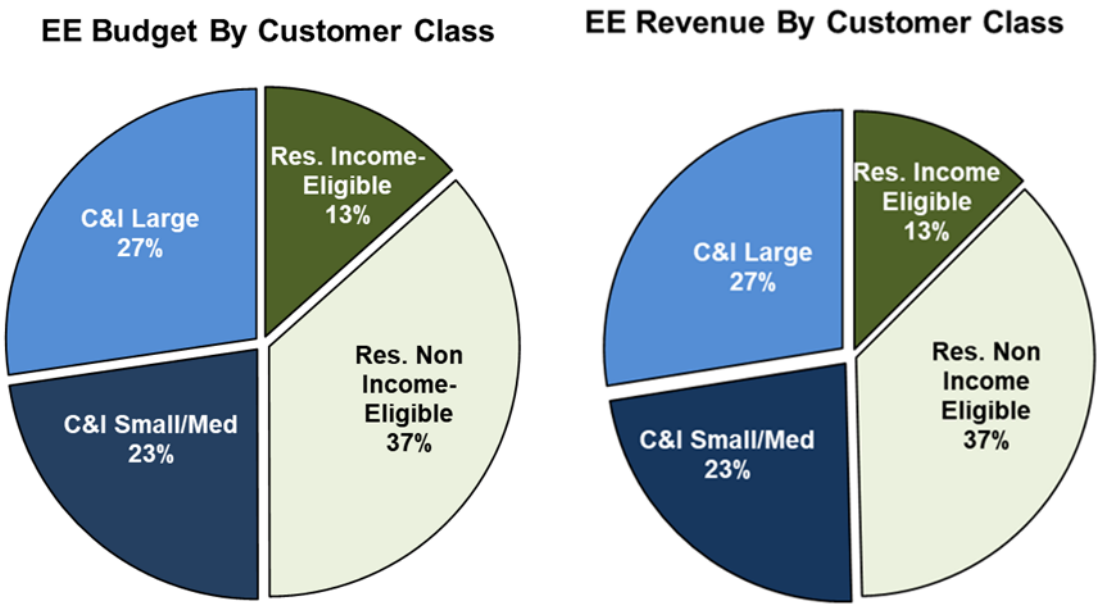


Customer Class	Budget	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$ 18,211,544	12%	14%	13%	1%
Res. Non-Income-Eligible	$ 47,387,941	32%	35%	37%	-1%
Residential Subtotal	**$ 65,599,485**	**44%**	**49%**	**49%**	**0%**
C&I Small/Medium	$ 30,322,362	20%	23%	23%	0%
C&I Large	$ 38,066,982	26%	28%	28%	0%
C&I Subtotal	**$68,389,344**	**46%**	**51%**	**51%**	**0%**
Residential and C&I Subtotal	**$133,988,828**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$14,385,356	10%			
Other Expenditures Subtotal	**$14,385,356**	**10%**			
Energy Efficiency Total	**$148,374,184**	**100%**			

Note: Municipalities and state facilities are eligible to participate in C&I Portfolio offerings as applicable.
*Please see attached Budget Allocation Table.
Totals may vary due to rounding.

Eversource Electric Table A Pie Chart (2024)

Eversource CT Electric
2024 EE Budget and Parity Analysis
Table A1 Pie Chart



Customer Class	Budget	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$ 17,926,453	12%	13%	13%	1%
Res. Non-Income-Eligible	$ 48,948,298	33%	37%	37%	-1%
Residential Subtotal	**$ 66,874,752**	**45%**	**50%**	**50%**	**0%**
C&I Small/Medium	$ 30,403,889	21%	23%	23%	0%
C&I Large	$ 36,565,029	25%	27%	28%	0%
C&I Subtotal	**$66,968,918**	**45%**	**50%**	**50%**	**0%**
Residential and C&I Subtotal	**$133,843,669**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$14,378,098	10%			
Other Expenditures Subtotal	**$14,378,098**	**10%**			
Energy Efficiency Total	**$148,221,767**	**100%**			

Note: Municipalities and state facilities are eligible to participate in C&I Portfolio offerings as applicable.
*Please see attached Budget Allocation Table.
Totals may vary due to rounding.

Eversource Electric Table A Budget Allocation (2022-2025)

Table A Pie Sector Allocation			
	Residential	C&I	Other
OTHER - LOAD MANAGEMENT			
Residential Demand Response	100%	0%	0%
C&I Demand Response	0%	100%	0%
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	80%	20%	0%
Workforce Development	50%	50%	0%
Community Outreach	50%	50%	0%
Customer Engagement Initiative	80%	20%	0%
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program	100%	0%	0%
C&I Financing Support	0%	100%	0%
Research, Development & Demonstration	0%	0%	100%
OTHER - ADMINISTRATIVE & PLANNING			
Administration	0%	0%	100%
Marketing Plan	80%	20%	0%
Planning	0%	0%	100%
Evaluation Measurement and Verification	0%	0%	100%
Evaluation Administrator	0%	0%	100%
Information Technology	0%	0%	100%
Energy Efficiency Board Consultants	0%	0%	100%
Audit - Financial and Operational	0%	0%	100%
Performance Management Incentive	0%	0%	100%
Note: Core Residential and C&I programs that produce savings are allocated 100% to the Residential and C&I sectors, respectively. Other programs budgets are allocated to both Residential and C&I sectors based on an estimated percentage of the sector that those dollars will directly benefit by the percentages above.			

Table B – Eversource Electric Costs and Benefits (2023)

2023 Eversource Electric	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
Retail Products	$3,558	$3,558	$9,589	$6,536	$10,122	$16,704	1.84	2.84	1.74	96,223	Products
New Construction	$3,464	$3,506	$6,337	$5,735	$8,803	$8,803	1.66	2.51	1.39	1,084	Homes
HES	$10,439	$22,433	$24,598	$9,482	$56,102	$57,514	0.91	2.50	2.34	18,372	Homes
HVAC & Water Heating Equipment	$10,073	$13,929	$35,214	$3,317	$60,657	$60,657	0.33	4.35	1.72	39,257	Products
HES-Income Eligible	$10,104	$16,568	$16,636	$3,135	$24,465	$32,755	0.31	1.48	1.97	15,680	Homes
Behavior	$90	$90	$90	$191	$282	$282	2.13	3.14	3.14	130,000	Customers
Subtotal Residential	**$37,728**	**$60,084**	**$92,463**	**$28,396**	**$160,431**	**$176,716**	**0.75**	**2.67**	**1.91**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$12,566	$12,566	$14,661	$29,947	$42,146	$42,146	2.38	3.35	2.87	161	Projects
Energy Opportunities	$32,904	$32,904	$58,191	$55,719	$77,314	$77,314	1.69	2.35	1.33	459	Projects
BES	$3,001	$3,001	$4,935	$7,954	$11,356	$11,356	2.65	3.78	2.30	173	Projects
Small Business	$11,843	$11,843	$21,148	$20,987	$28,602	$28,602	1.77	2.42	1.35	747	Projects
Subtotal C&I	**$60,315**	**$60,315**	**$98,936**	**$114,606**	**$159,419**	**$159,419**	**1.90**	**2.64**	**1.61**	-	-
Demand Response											
Demand Response – Residential	$3,082	$3,082	$3,082	$3,232	$3,232	$3,231	1.05	1.05	1.05	25,960	Products
Demand Response - C&I	$4,381	$4,381	$4,381	$11,801	$11,801	$11,801	2.69	2.69	2.69	336	Products
Subtotal Demand Response	**$7,463**	**$7,463**	**$7,463**	**$15,033**	**$15,033**	**$15,033**	**2.01**	**2.01**	**2.01**	-	-
Subtotal Other	**$20,513**	**$20,513**	**$20,513**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$126,018**	**$148,374**	**$219,374**	**$158,035**	**$334,883**	**$351,167**	**1.25**	**2.26**	**1.60**	-	-

Table B – Eversource Electric Costs and Benefits (2023) (continued)

2023 Eversource Electric	Electric Savings			Electric Cost Rates			
	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	Electric Cost Rate $/kWh Annualized	Electric Cost Ratio $/LT-kWh	Electric Demand Cost $/kW	Electric Demand Cost $/kW-yr
Residential							
Retail Products	6,473	60,395	789	$0.550	$0.059	$4,510	$483
New Construction	2,759	54,212	399	$1.256	$0.064	$8,676	$441
Home Energy Solutions	4,109	57,749	1,403	$2.541	$0.181	$7,441	$529
HVAC & Water Heating Equipment	579	(3,033)	1,119	$17.402	($3.321)	$9,004	($1,718)
HES-Income Eligible	3,458	31,073	356	$2.922	$0.325	$28,382	$3,159
Behavior	715	1,430	82	$0.126	$0.063	$1,103	$551
Subtotal Residential	**18,092**	**201,826**	**4,147**	**$2.085**	**$0.187**	**$9,097**	**$815**
Commercial & Industrial							
Energy Conscious Blueprint	17,742	247,789	4,103	$0.708	$0.051	$3,062	$219
Energy Opportunities	60,370	430,653	9,958	$0.545	$0.076	$3,304	$463
BES	8,417	63,275	1,523	$0.357	$0.047	$1,971	$262
Small Business	19,482	155,367	4,002	$0.608	$0.076	$2,960	$371
Subtotal C&I	**106,011**	**897,085**	**19,586**	**$0.569**	**$0.067**	**$3,080**	**$364**
Demand Response							
Demand Response - Residential	-	-	14,427	$ -	$ -	$214	$214
Demand Response - C&I	-	-	80,630	$ -	$ -	$54	$54
Subtotal Demand Response	**-**	**-**	**95,057**	**$ -**	**$ -**	**$ -**	**$ -**
Subtotal Other	**-**	**-**	**-**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL	**124,103**	**1,098,911**	**118,790**	**$1.015**	**$0.115**	**$1,061**	**$120**

2023 Eversource Electric	Oil/Propane Savings				MMBtu Savings				Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential										
Retail Products	5,835	87,082	(83)	(83)	24,682	239,168	$144	$15	2,693	25,891
New Construction	-	-	14,582	364,543	10,744	218,267	$326	$16	1,178	23,784
Home Energy Solutions	430,008	8,573,084	44,902	920,075	77,757	1,470,072	$289	$15	7,907	148,575
HVAC & Water Heating Equipment	512,929	8,673,374	175,914	3,256,672	95,252	1,620,717	$146	$9	9,212	155,177
HES-Income Eligible	193,063	3,980,030	15,735	331,533	40,011	688,289	$414	$24	3,922	68,893
Behavior	-	-	-	-	2,440	4,879	$37	$18	274	549
Subtotal: Residential	**1,141,835**	**21,313,570**	**251,050**	**4,872,741**	**250,887**	**4,241,392**	**$239**	**$14**	**25,186**	**422,868**
Commercial & Industrial										
Energy Conscious Blueprint	17,681	268,278	9,868	150,577	63,888	896,414	$197	$14	7,152	100,437
Energy Opportunities	2,434	24,336	1,622	16,224	206,467	1,474,245	$159	$22	22,589	161,603
BES	1,257	10,058	754	6,035	28,963	217,842	$104	$14	3,253	24,465
Small Business	792	14,256	730	13,142	66,651	533,291	$178	$22	7,293	58,571
Subtotal: C&I	**22,164**	**316,928**	**12,975**	**185,977**	**365,969**	**3,121,793**	**$165**	**$19**	**40,287**	**345,076**
Demand Response										
Demand Response - Res	-	-	-	-	-	-	$ -	$ -	-	-
Demand Response - C&I	-	-	-	-	-	-	$ -	$ -	-	-
Subtotal: Demand Response	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
Subtotal: Other	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
TOTAL	**1,163,999**	**21,630,497**	**264,026**	**5,058,718**	**608,988**	**7,211,430**	**$244**	**$21**	**65,473**	**767,944**

Table B – Eversource Electric Costs and Benefits (2024)

2024 Eversource Electric	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
Retail Products	$3,300	$3,300	$8,726	$5,703	$8,803	$14,891	1.73	2.67	1.71	61,794	Products
New Construction	$3,442	$3,483	$5,890	$5,171	$8,110	$8,110	1.50	2.33	1.38	938	Homes
HES	$10,856	$22,820	$24,946	$9,377	$57,193	$59,078	0.86	2.51	2.37	18,652	Homes
HVAC & Water Heating Equipment	$7,788	$13,507	$38,183	($1,913)	$71,207	$71,207	(0.25)	5.27	1.86	36,950	Products
HES-Income Eligible	$10,052	$16,232	$17,361	$2,862	$23,795	$32,570	0.28	1.47	1.88	14,960	Homes
Behavior	$90	$90	$90	$185	$269	$269	2.05	2.99	2.99	130,000	Customers
Subtotal Residential	**$35,528**	**$59,431**	**$95,196**	**$21,384**	**$169,376**	**$186,125**	**0.60**	**2.85**	**1.96**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$10,901	$10,901	$12,713	$25,344	$35,299	$35,299	2.32	3.24	2.78	135	Projects
Energy Opportunities	$32,921	$32,921	$58,133	$55,398	$76,175	$76,175	1.68	2.31	1.31	457	Projects
BES	$3,352	$3,352	$5,632	$9,204	$13,001	$13,001	2.75	3.88	2.31	204	Projects
Small Business	$12,363	$12,363	$22,134	$20,905	$28,120	$28,120	1.69	2.27	1.27	784	Projects
Subtotal C&I	**$59,537**	**$59,537**	**$98,611**	**$110,851**	**$152,595**	**$152,595**	**1.86**	**2.56**	**1.55**	-	
Demand Response											
Demand Response – Residential	$3,390	$3,390	$3,390	$3,622	$3,622	$3,622	1.07	1.07	1.07	28,556	Products
Demand Response - C&I	$4,819	$4,819	$4,819	$12,632	$12,632	$12,632	2.62	2.62	2.62	352	Products
Subtotal Demand Response	**$8,209**	**$8,209**	**$8,209**	**$16,255**	**$16,255**	**$16,254**	**1.98**	**1.98**	**1.98**	-	-
Subtotal Other	**$21,044**	**$21,044**	**$21,044**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$124,318**	**$148,222**	**$223,061**	**$148,490**	**$338,226**	**$354,974**	**1.19**	**2.28**	**1.59**	-	-

Table B – Eversource Electric Costs and Benefits (2024) (continued)

2024 Eversource Electric	Electric Savings			Electric Cost Rates			
	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	Electric Cost Rate $/kWh Annualized	Electric Cost Ratio $/LT-kWh	Electric Demand Cost $/kW	Electric Demand Cost $/kW-yr
Residential							
Retail Products	5,391	54,206	652	$0.612	$0.061	$5,064	$504
New Construction	2,577	51,929	315	$1.335	$0.066	$10,925	$542
Home Energy Solutions	4,226	58,496	1,382	$2.569	$0.186	$7,854	$567
HVAC & Water Heating Equipment	(1,994)	(48,525)	614	($3.906)	($0.160)	$12,680	$521
HES-Income Eligible	3,136	29,343	266	$3.205	$0.343	$37,837	$4,044
Behavior	715	1,430	82	$0.126	$0.063	$1,103	$551
Subtotal Residential	**14,052**	**146,879**	**3,310**	**$2.528**	**$0.242**	**$10,732**	**$1,027**
Commercial & Industrial							
Energy Conscious Blueprint	14,736	205,972	3,746	$0.740	$0.053	$2,910	$208
Energy Opportunities	59,143	436,238	9,879	$0.557	$0.075	$3,333	$452
BES	9,921	74,576	1,794	$0.338	$0.045	$1,868	$249
Small Business	19,363	156,051	4,178	$0.638	$0.079	$2,959	$367
Subtotal C&I	**103,163**	**872,837**	**19,597**	**$0.577**	**$0.068**	**$3,038**	**$359**
Demand Response							
Demand Response - Residential	-	-	15,869	$ -	$-	$214	$214
Demand Response - C&I	-	-	84,662	$ -	$-	$57	$57
Subtotal Demand Response	**-**	**-**	**100,531**	**$ -**	**$-**	**$ -**	**$ -**
Subtotal Other	**-**	**-**	**-**	**$ -**	**$-**	**$ -**	**$ -**
TOTAL	**117,215**	**1,019,715**	**123,438**	**$1.061**	**$0.122**	**$1,007**	**$116**

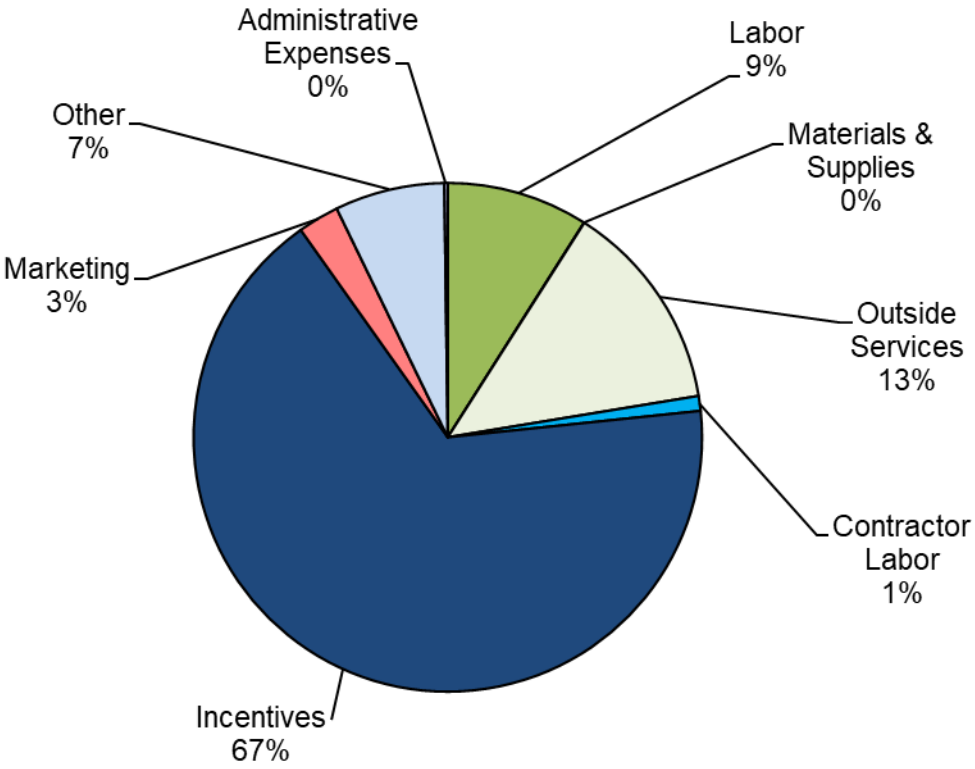
2024 Eversource Electric	Oil/Propane Savings				MMBtu Savings				Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential										
Retail Products	7,406	81,468	-	-	21,168	215,462	$156	$15	2,297	23,308
New Construction	-	-	14,441	361,021	10,113	210,154	$344	$17	1,107	22,879
Home Energy Solutions	433,168	8,636,817	41,724	842,777	78,305	1,474,398	$291	$15	7,970	149,112
HVAC & Water Heating Equipment	658,886	11,322,929	218,449	3,885,371	110,380	1,885,618	$122	$7	10,581	179,270
HES-Income Eligible	184,842	3,806,146	15,576	326,675	37,759	657,827	$430	$25	3,765	65,901
Behavior	-	-	-	-	2,440	4,879	$37	$18	274	549
Subtotal Residential	**1,284,302**	**23,847,360**	**290,190**	**5,415,844**	**260,164**	**4,448,338**	**$228**	**$13**	**25,994**	**441,019**
Commercial & Industrial										
Energy Conscious Blueprint	15,847	241,269	8,909	136,690	53,290	748,723	$205	$15	6,000	84,397
Energy Opportunities	2,839	28,392	2,028	20,280	202,375	1,494,235	$163	$22	22,142	163,771
BES	1,110	8,878	889	7,112	34,084	256,333	$98	$13	3,829	28,793
Small Business	862	15,509	728	13,105	66,254	535,792	$187	$23	7,251	58,865
Subtotal C&I	**20,657**	**294,047**	**12,554**	**177,187**	**356,004**	**3,035,082**	**$167**	**$20**	**39,222**	**335,826**
Demand Response										
Demand Response - Res	-	-	-	-	-	-	-	-	-	-
Demand Response - C&I	-	-	-	-	-	-	-	-	-	-
Subtotal Demand Response	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Subtotal Other	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
TOTAL	**1,304,960**	**24,141,407**	**302,744**	**5,593,031**	**608,570**	**7,338,252**	**$244**	**$20**	**65,216**	**776,845**

Table C – Eversource CT Electric Energy Efficiency Budget Details (2023)

Table C
Eversource CT Electric 2023 EE Budget Details

Eversource CT Electric EE BUDGET ($000)	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential Retail Products	$149	$1	$900	$27	$1,896	$556	$20	$9	$3,558
Residential New Construction	$198	$1	$200	$2	$3,000	$78	$17	$9	$3,506
Home Energy Solutions	$1,600	$4	$3,146	$100	$16,774	$750	$40	$20	$22,433
HVAC & Water Heating Equipment	$126	$1	$1,194	$20	$12,260	$291	$18	$18	$13,929
HES-Income Eligible	$1,742	$5	$1,250	$163	$12,598	$750	$26	$34	$16,568
Residential Behavior	$ -	$ -	$90	$ -	$ -	$ -	$ -	$ -	$90
Subtotal: Residential EE Portfolio	**$3,816**	**$12**	**$6,780**	**$312**	**$46,528**	**$2,425**	**$121**	**$90**	**$60,084**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$1,069	$4	$601	$152	$10,604	$100	$27	$10	$12,566
Energy Opportunities	$4,213	$5	$2,300	$588	$25,307	$250	$150	$90	$32,904
Business & Energy Sustainability(O&M, RCx, PRIME, CSP/SEM)	$187	$2	$798	$2	$1,934	$50	$6	$22	$3,001
Small Business	$1,470	$5	$400	$144	$9,495	$282	$27	$20	$11,843
Subtotal: C&I EE Portfolio	**$6,939**	**$16**	**$4,099**	**$887**	**$47,340**	**$682**	**$210**	**$142**	**$60,315**
OTHER - LOAD MANAGEMENT									
Residential Demand Response	$169	$ -	$677	$ -	$2,036	$200	$ -	$ -	$3,082
C&I Demand Response	$169	$ -	$907	$5	$3,269	$30	$ -	$ -	$4,381
Subtotal: Load Management	**$339**	**$ -**	**$1,584**	**$5**	**$5,305**	**$230**	**$ -**	**$ -**	**$7,463**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$55	$ -	$632	$ -	$ -	$49	$ -	$ -	$736
Workforce Development	$55	$ -	$739	$ -	$ -	$ -	$ -	$ -	$794
Community Outreach	$36	$ -	$633	$ -	$ -	$80	$ -	$19	$768
Customer Engagement Initiative	$59	$ -	$325	$16	$ -	$ -	$ -	$ -	$400
Subtotal: Education & Engagement	**$205**	**$ -**	**$2,329**	**$16**	**$ -**	**$129**	**$ -**	**$19**	**$2,698**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (includes ECLF and OBR)	$ -	$ -	$ -	$ -	$ -	$ -	$2,000	$ -	$2,000
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$1,000	$ -	$1,000
Research, Development & Demonstration	$70	$2	$85	$ -	$ -	$ -	$ -	$5	$162
Subtotal: Programs/ Requirements	**$70**	**$2**	**$85**	**$ -**	**$ -**	**$ -**	**$3,000**	**$5**	**$3,162**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$866	$ -	$ -	$37	$ -	$ -	$ -	$ -	$903
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$430	$ -	$ -	$430
Planning	$689	$ -	$ -	$1	$ -	$ -	$1	$12	$703
Evaluation Measurement and Verification	$ -	$ -	$2,880	$ -	$ -	$ -	$ -	$ -	$2,880
Evaluation Administrator	$ -	$ -	$284	$ -	$ -	$ -	$ -	$ -	$284
Information Technology	$433	$ -	$1,211	$145	$ -	$ -	$ -	$50	$1,839
Energy Efficiency Board Consultants	$ -	$ -	$530	$ -	$ -	$ -	$ -	$ -	$530
Audits - Financial and Operational	$ -	$ -	$60	$ -	$ -	$ -	$ -	$ -	$60
Performance Management Incentive (PMI)	$ -	$ -	$ -	$ -	$ -	$ -	$7,024	$ -	$7,024
Subtotal: Admin/Planning Expenditures	**$1,988**	**$ -**	**$4,966**	**$182**	**$ -**	**$430**	**$7,025**	**$62**	**$14,654**
TOTAL BUDGET	**$13,357**	**$30**	**$19,843**	**$1,402**	**$99,172**	**$3,897**	**$10,356**	**$318**	**$148,374**

Eversource Electric Table C Pie Chart (2023)



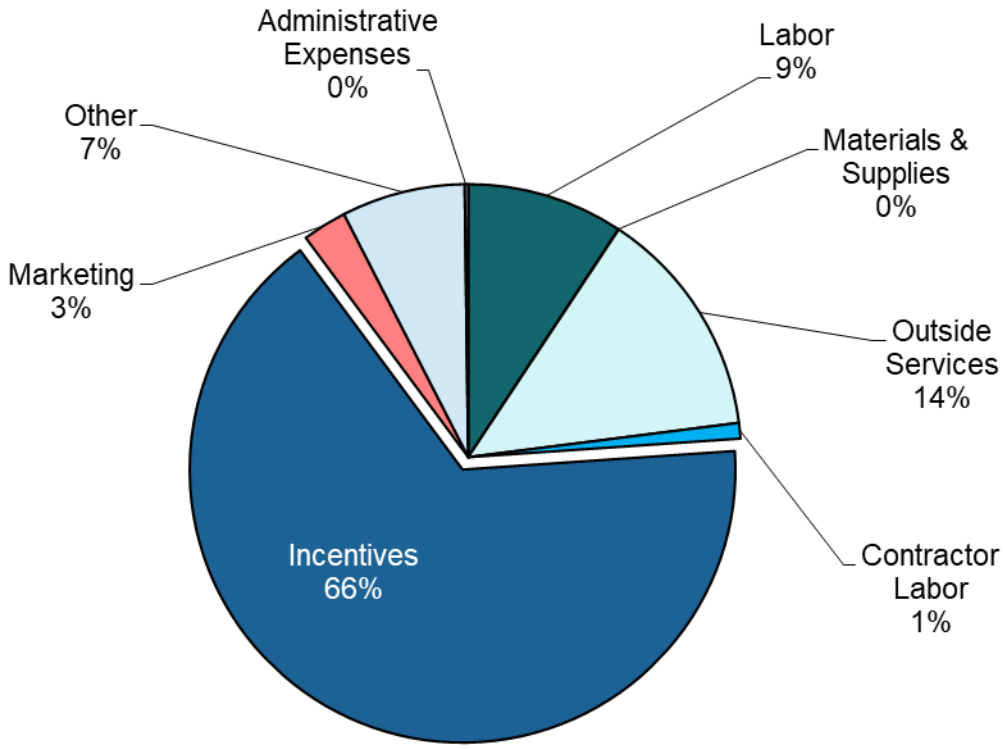
Expense Classes	Budget	% of Budget
Labor	$ 13,357	9%
Materials & Supplies	$ 30	0%
Outside Services	$ 19,843	13%
Contractor Labor	$ 1,402	1%
Incentives	$ 99,172	67%
Marketing	$ 3,897	3%
Other	$ 10,356	7%
Administrative Expenses	$ 318	0%
Total	**$ 148,374**	**100%**

Table C – Eversource CT Electric Energy Efficiency Budget Details (2024)

Table C
Eversource CT Electric 2024 EE Budget Details

Eversource CT Electric EE BUDGET ($000)	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential Retail Products	$154	$1	$900	$27	$1,633	$556	$20	$9	$3,300
Residential New Construction	$204	$1	$200	$2	$2,971	$78	$17	$9	$3,483
Home Energy Solutions	$1,648	$4	$3,146	$100	$17,112	$750	$40	$20	$22,820
HVAC & Water Heating Equipment	$130	$1	$1,194	$20	$11,835	$291	$18	$18	$13,507
HES-Income Eligible	$1,795	$5	$1,250	$163	$12,210	$750	$26	$34	$16,232
Residential Behavior	$ -	$ -	$90	$ -	$ -	$ -	$ -	$ -	$90
Subtotal: Residential EE Portfolio	**$3,930**	**$12**	**$6,780**	**$312**	**$45,761**	**$2,425**	**$121**	**$90**	**$59,431**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$1,101	$4	$601	$152	$8,906	$100	$27	$10	$10,901
Energy Opportunities	$4,340	$5	$2,300	$588	$25,198	$250	$150	$90	$32,921
Business & Energy Sustainability(O&M, RCx, PRIME, CSP/SEM)	$192	$2	$798	$2	$2,280	$50	$6	$22	$3,352
Small Business	$1,514	$5	$400	$144	$9,971	$282	$27	$20	$12,363
Subtotal: C&I EE Portfolio	**$7,147**	**$16**	**$4,099**	**$887**	**$46,354**	**$682**	**$210**	**$142**	**$59,537**
OTHER - LOAD MANAGEMENT									
Residential Demand Response	$174	$ -	$680	$ -	$2,336	$200	$ -	$ -	$3,390
C&I Demand Response	$174	$ -	$1,340	$5	$3,269	$30	$ -	$ -	$4,819
Subtotal: Load Management	**$349**	**$ -**	**$2,020**	**$5**	**$5,605**	**$230**	**$ -**	**$ -**	**$8,209**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$56	$ -	$631	$ -	$ -	$49	$ -	$ -	$736
Workforce Development	$57	$ -	$737	$ -	$ -	$ -	$ -	$ -	$794
Community Outreach	$37	$ -	$670	$ -	$ -	$80	$ -	$19	$806
Customer Engagement Initiative	$61	$ -	$323	$16	$ -	$ -	$ -	$ -	$400
Subtotal: Education & Engagement	**$211**	**$ -**	**$2,361**	**$16**	**$ -**	**$129**	**$ -**	**$19**	**$2,736**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (includes ECLF and OBR)	$ -	$ -	$ -	$ -	$ -	$ -	$2,000	$ -	$2,000
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$1,500	$ -	$1,500
Research, Development & Demonstration	$72	$2	$83	$ -	$ -	$ -	$ -	$5	$162
Subtotal: Programs/ Requirements	**$72**	**$2**	**$83**	**$ -**	**$ -**	**$ -**	**$3,500**	**$5**	**$3,662**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$892	$ -	$ -	$11	$ -	$ -	$ -	$ -	$903
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$430	$ -	$ -	$430
Planning	$703	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$703
Evaluation Measurement and Verification	$ -	$ -	$2,880	$ -	$ -	$ -	$ -	$ -	$2,880
Evaluation Administrator	$ -	$ -	$284	$ -	$ -	$ -	$ -	$ -	$284
Information Technology	$446	$ -	$1,198	$145	$ -	$ -	$ -	$50	$1,839
Energy Efficiency Board Consultants	$ -	$ -	$530	$ -	$ -	$ -	$ -	$ -	$530
Audits - Financial and Operational	$ -	$ -	$60	$ -	$ -	$ -	$ -	$ -	$60
Performance Management Incentive (PMI)	$ -	$ -	$ -	$ -	$ -	$ -	$7,017	$ -	$7,017
Subtotal: Admin/Planning Expenditures	**$2,041**	**$ -**	**$4,953**	**$155**	**$ -**	**$430**	**$7,017**	**$50**	**$14,646**
TOTAL BUDGET	**$13,751**	**$30**	**$20,296**	**$1,375**	**$97,720**	**$3,897**	**$10,848**	**$306**	**$148,222**

Eversource Electric Table C Pie Chart (2024)



Expense Classes	Budget	% of Budget
Labor	$ 13,751	9%
Materials & Supplies	$ 30	0%
Outside Services	$ 20,296	14%
Contractor Labor	$ 1,375	1%
Incentives	$ 97,720	66%
Marketing	$ 3,897	3%
Other	$ 10,848	7%
Administrative Expenses	$ 306	0%
Total	**$ 148,222**	**100%**

Table D – Eversource Electric Historical and Projected ($) (2014-2025)

Table D: Eversource CT Electric Historical and Projected $

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual
RESIDENTIAL						
Residential Retail Products	$11,561,025	$13,693,622	$14,872,860	$10,154,122	$6,529,899	$9,516,880
Residential New Construction	$1,573,724	$2,516,703	$2,232,996	$2,887,373	$2,204,292	$2,032,944
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$22,290,930	$19,186,404	$15,989,863	$15,512,933	$10,336,611	$13,824,217
HVAC & Water Heating Equipment	$ -	$ -	$3,597,327	$4,050,111	$4,048,082	$5,285,076
HES-Income Eligible	$17,488,762	$17,345,096	$21,471,052	$16,379,801	$11,599,849	$15,993,834
Residential Behavior	$2,703,694	$2,392,079	$2,909,233	$2,954,049	$526,083	$1,001,199
Subtotal: Residential EE Portfolio	**$55,618,135**	**$55,133,904**	**$61,073,331**	**$51,938,389**	**$35,244,816**	**$47,654,149**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$13,875,080	$12,124,674	$12,287,599	$6,718,340	$6,632,890	$9,466,049
Energy Opportunities	$29,217,060	$33,338,936	$40,154,158	$24,882,343	$29,689,128	$38,558,761
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$2,899,133	$3,340,536	$2,501,793	$1,484,576	$2,977,133	$1,555,926
Small Business	$16,021,475	$15,508,750	$17,615,309	$16,212,430	$11,613,734	$8,951,760
Subtotal: C&I EE Portfolio	**$62,012,749**	**$64,312,896**	**$72,558,859**	**$49,297,689**	**$50,912,884**	**$58,532,496**
OTHER - LOAD MANAGEMENT						
ISO Load Response Program	$3,632,291	$2,574,236	$2,414,427	$2,387,351	$1,230,295	$ -
Residential Demand Response	$ -	$ -	$859,080	$891,827	$528,780	$760,192
C&I Demand Response	$ -	$ -	$45,345	$785,216	$237,674	$719,003
Subtotal: Load Management	**$3,632,291**	**$2,574,236**	**$3,318,852**	**$4,064,394**	**$1,996,750**	**$1,479,196**
OTHER -EDUCATION & ENGAGEMENT						
Energy Education (Educate Students 2016- 2021)	$ -	$ -	$392,352	$706,601	($1,626)	$316,990
Workforce Dev. (Educate Workforce 2016-2021)	$ -	$ -	$268,446	$168,211	$84,770	$53,937
Comm. Outreach (Educate Public 2016-2021)	$ -	$ -	$1,926,470	$1,934,418	$562,325	$656,954
Customer Engagement Initiative (Customer Engagement 2014 to 2021)	$1,817,979	$1,968,000	$1,603,922	$1,507,721	$1,350,290	$1,376,151
SmartLiving Center® - Museum Partnerships	$1,157,138	$463,617	$ -	$ -	$ -	$ -
Science Center	$ -	$ -	$ -	$ -	$ -	$ -
EE Smarts/K-12 Education	$367,115	$500,780	$ -	$ -	$ -	$ -
Clean Energy Communities / Behavior Pilot	$1,045,235	$1,348,330	$ -	$ -	$ -	$ -
Subtotal: Education & Engagement	**$4,387,467**	**$4,280,727**	**$4,191,190**	**$4,316,951**	**$1,995,759**	**$2,404,033**
OTHER -PROGRAMS/REQUIREMENTS						
Res. Loan Program (includes ECLF and OBR)	$1,509,746	$2,006,330	$1,929,824	$477,326	$1,032,277	$1,500,000
C&I Financing Support	$ -	$ -	$6,994,639	$4,060,806	$2,677,386	$17,569,775
Research, Development & Demonstration	$267,317	$177,335	$208,762	$84,246	$281,632	$89,136
Institute for Sustainable Energy (ECSU) *(moved to Educate the Workforce)*	$358,400	$396,800	$ -	$ -	$ -	$ -
ESPC Project Manager - Lead By Example	$82,586	$25,857	$ -	$ -	$ -	$ -
C&I Loan Program	$188,838	$331,106	$ -	$ -	$ -	$ -
EE Loan Defaults	$75,809	$179,197	$ -	$ -	$ -	$ -
C&I Self-Funding	$4,019,676	$4,593,962	$ -	$ -	$ -	$ -
Subtotal: Other Programs/Requirements	**$6,502,372**	**$7,710,587**	**$9,133,225**	**$4,622,378**	**$3,991,295**	**$19,158,911**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$957,493	$1,059,874	$555,697	$721,290	$813,659	$859,689
Marketing Plan	$599,189	$789,065	$771,953	$373,937	$139,080	$128,805
Planning	$659,032	$670,254	$632,015	$594,212	$601,069	$529,884
Evaluation Measurement and Verification	$1,642,153	$1,764,572	$1,520,745	$1,920,000	$1,829,414	$1,083,724
Evaluation Administrator	$269,541	$180,399	$199,281	$177,694	$176,199	$213,391
Information Technology	$807,911	$1,037,433	$1,579,383	$541,146	$1,147,062	$1,070,604
Energy Efficiency Board Consultants	$401,216	$410,204	$366,781	$314,264	$306,176	$318,423
Audits - Financial and Operational	$ -	$ -	$ -	$42,483	$60,000	$60,000
Performance Management Incentive (PMI)	$7,560,041	$8,197,955	$9,010,198	$8,111,330	$6,953,613	$8,751,797
Subtotal: Admin/Planning Expenditures	**$12,896,576**	**$14,109,756**	**$14,636,053**	**$12,796,357**	**$12,026,273**	**$13,016,318**
TOTAL (includes ISO Load Response)	**$145,049,590**	**$148,122,106**	**$164,911,511**	**$127,036,159**	**$106,167,776**	**$142,245,101**
TOTAL (excludes ISO Load Response)	**$141,417,299**	**$145,547,870**	**$162,497,084**	**$124,648,808**	**$104,937,481**	**$142,245,101**

Table D – Eversource Electric Historical and Projected ($) (2014-2025) (continued)

Table D: Eversource CT Electric Historical and Projected $

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget	2025 Budget
RESIDENTIAL						
Residential Retail Products	$11,189,455	$8,656,062	$4,434,125	$3,558,000	$3,300,000	$3,300,000
Residential New Construction	$2,717,016	$2,965,128	$3,185,852	$3,505,832	$3,482,786	$3,450,386
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$20,042,758	$33,889,599	$31,892,216	$22,433,397	$22,820,009	$22,899,299
HVAC & Water Heating Equipment	$9,702,175	$12,072,073	$17,271,639	$13,928,670	$13,506,628	$13,377,028
HES-Income Eligible	$14,316,611	$19,925,766	$28,792,213	$16,567,682	$16,232,025	$16,070,025
Residential Behavior	$ -	$ -	$52,820	$90,000	$90,000	$90,000
Subtotal: Residential EE Portfolio	**$57,968,014**	**$77,508,628**	**$85,628,864**	**$60,083,581**	**$59,431,448**	**$59,186,738**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$12,436,628	$10,589,867	$10,367,880	$12,566,425	$10,900,633	$10,783,021
Energy Opportunities	$45,020,584	$37,034,760	$38,731,889	$32,903,888	$32,921,033	$32,561,662
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$969,960	$842,631	$1,292,974	$3,001,155	$3,352,172	$3,312,968
Small Business	$5,382,744	$12,300,907	$7,228,749	$11,843,210	$12,363,154	$12,225,939
Subtotal: C&I EE Portfolio	**$63,809,916**	**$60,768,165**	**$57,621,492**	**$60,314,678**	**$59,536,993**	**$58,883,591**
OTHER - LOAD MANAGEMENT						
ISO Load Response Program	$ -	$ -	$ -	$ -	$ -	$ -
Residential Demand Response	$1,867,994	$2,510,467	$3,195,374	$3,082,000	$3,390,200	$3,729,220
C&I Demand Response	$2,470,465	$3,375,613	$3,811,930	$4,380,590	$4,818,649	$5,300,514
Subtotal: Load Management	**$4,338,460**	**$5,886,079**	**$7,007,304**	**$7,462,590**	**$8,048,108**	**$9,029,734**
OTHER -EDUCATION & ENGAGEMENT						
Energy Education (Educate Students 2016- 2021)	$250,732	$287,255	$571,003	$736,000	$736,000	$736,000
Workforce Dev. (Educate Workforce 2016-2021)	$363,120	$323,082	$310,444	$793,600	$793,600	$793,600
Comm. Outreach (Educate Public 2016-2021)	$385,116	$562,598	$137,988	$768,000	$806,400	$846,720
Customer Engagement Initiative (Customer Engagement 2014 to 2021)	$1,330,909	$876,301	$190,713	$400,000	$400,000	$400,000
SmartLiving Center® - Museum Partnerships	$ -	$ -	$ -	$ -	$ -	$ -
Science Center	$ -	$ -	$ -	$ -	$ -	$ -
EE Smarts/K-12 Education	$ -	$ -	$ -	$ -	$ -	$ -
Clean Energy Communities / Behavior Pilot	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Education & Engagement	**$2,329,876**	**$2,049,236**	**$1,210,149**	**$2,697,600**	**$2,736,000**	**$2,776,320**
OTHER -PROGRAMS/REQUIREMENTS						
Res. Loan Program (includes ECLF and OBR)	$2,746,178	$899,986	$2,300,989	$2,000,000	$2,000,000	$2,000,000
C&I Financing Support	$3,103,714	$812,014	$1,519,211	$1,000,000	$1,500,000	$1,500,000
Research, Development & Demonstration	$136,027	$51,833	$17,653	$162,227	$162,227	$162,227
Institute for Sustainable Energy (ECSU) *(moved to Educate the Workforce)*	$ -	$ -	$ -	$ -	$ -	$ -
ESPC Project Manager - Lead By Example	$ -	$ -	$ -	$ -	$ -	$ -
C&I Loan Program	$ -	$ -	$ -	$ -	$ -	$ -
EE Loan Defaults	$ -	$ -	$ -	$ -	$ -	$ -
C&I Self-Funding	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Other Programs/Requirements	**$5,985,919**	**$1,763,833**	**$3,837,853**	**$3,162,227**	**$3,662,227**	**$3,662,227**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$981,537	$813,385	$975,626	$902,597	$902,597	$902,597
Marketing Plan	$321,900	$428,193	$430,380	$430,380	$430,380	$430,380
Planning	$549,296	$734,172	$745,169	$703,170	$703,170	$703,170
Evaluation Measurement and Verification	$1,920,000	$1,920,000	$2,880,000	$2,880,000	$2,880,000	$2,880,000
Evaluation Administrator	$227,298	$256,933	$292,217	$284,232	$284,232	$284,232
Information Technology	$1,019,170	$1,606,701	$1,850,333	$1,839,097	$1,839,097	$1,839,097
Energy Efficiency Board Consultants	$380,641	$394,346	$579,254	$530,237	$530,237	$530,237
Audits - Financial and Operational	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000
Performance Management Incentive (PMI)	$7,770,609	$8,681,482	$9,878,890	$7,023,796	$7,016,538	$7,014,693
Subtotal: Admin/Planning Expenditures	**$13,230,452**	**$14,895,212**	**$17,691,869**	**$14,653,509**	**$14,646,251**	**$14,644,406**
TOTAL (includes ISO Load Response)	**$147,662,638**	**$162,871,152**	**$172,997,531**	**$148,374,184**	**$148,221,767**	**$148,183,015**
TOTAL (excludes ISO Load Response)	**$147,662,638**	**$162,871,152**	**$172,997,531**	**$148,374,184**	**$148,221,767**	**$148,183,015**

Table D1 – Eversource Electric Historical and Projected (kW)(2014-2024)

Table D1
Eversource CT Electric Historical and Projected kW

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	5,710	7,947	10,155	9,557	3,433	4,580	4,966	5,404	1,699	789	652
Residential New Construction	977	928	903	1,252	903	1,346	1,103	784	679	399	315
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	4,061	3,519	2,404	2,940	2,305	3,017	2,025	2,897	2,180	1,403	1,382
HVAC & Water Heating Equipment	-	-	673	805	750	1,020	1,160	988	1,318	1,119	614
HES-Income Eligible	1,002	1,328	1,875	1,598	1,380	1,676	668	933	1,005	356	266
Residential Behavior	7,473	12,520	4,066	4,066	2,508	1,383	-	-	-	82	82
Subtotal: Residential EE Portfolio	**19,222**	**26,242**	**20,078**	**20,219**	**11,279**	**13,023**	**9,921**	**11,007**	**6,881**	**4,147**	**3,310**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	7,793	7,103	6,564	3,962	2,779	3,857	3,193	4,263	3,702	4,103	3,746
Energy Opportunities	10,798	14,840	14,567	13,246	18,377	18,389	15,230	15,133	18,207	9,958	9,879
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	1,269	1,340	835	652	1,498	1,498	451	656	373	1,523	1,794
Small Business	3,169	4,140	5,519	5,247	4,530	4,535	2,156	3,583	2,991	4,002	4,178
Subtotal: C&I EE Portfolio	**23,029**	**27,423**	**27,486**	**23,106**	**27,184**	**28,278**	**21,030**	**23,635**	**25,274**	**19,586**	**19,597**
OTHER - LOAD MANAGEMENT											
ISO Load Response Program	88,627	112,487	36,097	40,746	39,679	-	-	-	-	-	-
Res Demand Response	-	-	-	-	-	2,721	12,688	14,954	21,764	14,427	15,869
C&I Demand Response	-	-	-	-	-	12,931	50,301	61,379	64,783	80,630	84,662
Subtotal: Load Management	**88,627**	**112,487**	**36,097**	**40,746**	**39,679**	**15,652**	**62,989**	**76,333**	**86,547**	**95,057**	**100,531**
TOTAL (includes ISO Load Response)	**130,878**	**166,152**	**83,660**	**84,071**	**78,142**	**56,952**	**93,940**	**110,975**	**118,702**	**118,790**	**123,438**
TOTAL (excludes ISO Load Response)	**42,251**	**53,665**	**47,563**	**43,325**	**38,463**	**56,952**	**93,940**	**110,975**	**118,702**	**118,790**	**123,438**

Table D2 – Eversource Electric Historical and Projected Annual kWh (000s)(2014-2024)

Table D2
Eversource CT Electric Historical and Projected Annual kWh (000s)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	64,213	64,799	82,138	77,198	24,499	36,244	40,185	41,241	13,246	6,473	5,391
Residential New Construction	2,828	3,540	2,363	3,250	2,244	3,524	5,424	4,043	3,284	2,759	2,577
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	24,010	21,501	15,322	18,176	13,571	18,113	10,048	11,628	8,581	4,109	4,226
HVAC & Water Heating Equipment	-	-	8,123	13,725	7,158	3,613	4,824	6,149	7,590	579	(1,994)
HES-Income Eligible	11,137	14,098	15,891	16,666	13,055	10,897	6,254	6,497	6,057	3,458	3,136
Residential Behavior	28,928	48,466	17,811	17,811	21,968	12,117	-	-	-	715	715
Subtotal: Residential EE Portfolio	**131,116**	**152,405**	**141,650**	**146,825**	**82,495**	**84,507**	**66,734**	**69,558**	**38,757**	**18,092**	**14,052**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	43,422	37,774	34,278	23,527	17,971	25,651	19,421	25,804	21,277	17,742	14,736
Energy Opportunities	82,319	101,070	118,741	86,995	96,015	126,917	101,242	100,172	119,883	60,370	59,143
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	12,812	10,461	8,263	5,491	8,668	5,367	2,700	3,492	1,973	8,417	9,921
Small Business	32,546	32,587	34,603	31,576	27,587	24,820	9,789	14,580	11,260	19,482	19,363
Subtotal: C&I EE Portfolio	**171,100**	**181,893**	**195,885**	**147,590**	**150,240**	**182,754**	**133,151**	**144,049**	**154,394**	**106,011**	**103,163**
TOTAL	**302,216**	**334,298**	**337,535**	**294,414**	**232,735**	**267,261**	**199,885**	**213,608**	**193,151**	**124,103**	**117,215**

Table D3 – Eversource Electric Historical and Projected Lifetime kWh (000s)(2014-2024)

Table D3
Eversource CT Electric Historical and Projected Lifetime kWh (000s)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	565,647	654,001	934,999	611,162	148,050	189,377	177,884	148,667	60,787	60,395	54,206
Residential New Construction	43,056	57,175	39,977	50,862	35,839	59,612	95,363	64,967	81,643	54,212	51,929
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	284,193	267,677	188,785	198,163	130,728	172,670	111,314	142,724	149,860	57,749	58,496
HVAC & Water Heating Equipment	-	-	108,423	204,516	118,555	60,026	77,264	98,518	126,345	(3,033)	(48,525)
HES-Income Eligible	150,565	166,351	193,412	205,101	149,350	117,678	79,855	81,582	85,071	31,073	29,343
Residential Behavior	57,856	96,933	45,116	45,116	56,743	31,298	-	-	-	1,430	1,430
Subtotal: Residential EE Portfolio	**1,101,316**	**1,242,137**	**1,510,712**	**1,314,918**	**639,265**	**630,661**	**541,680**	**536,459**	**503,706**	**201,826**	**146,879**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	667,358	572,757	520,576	348,323	273,280	389,538	286,880	378,000	300,066	247,789	205,972
Energy Opportunities	953,547	1,142,216	1,354,017	986,891	1,127,699	1,442,039	1,121,625	1,109,970	885,074	430,653	436,238
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	91,919	63,189	51,663	30,085	44,465	31,087	17,139	21,033	11,566	63,275	74,576
Small Business	396,812	404,003	433,416	393,553	341,246	311,798	114,577	165,833	81,465	155,367	156,051
Subtotal: C&I EE Portfolio	**2,109,636**	**2,182,165**	**2,359,672**	**1,758,852**	**1,786,689**	**2,174,463**	**1,540,220**	**1,674,835**	**1,278,171**	**897,085**	**872,837**
TOTAL	**3,210,953**	**3,424,302**	**3,870,384**	**3,073,769**	**2,425,954**	**2,805,124**	**2,081,900**	**2,211,294**	**1,781,877**	**1,098,911**	**1,019,715**

Table D4 – Eversource Electric Historical and Projected Units (2014-2024)

Table D4
Eversource CT Electric Historical and Projected Units

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	2,910,409	2,853,482	3,278,554	3,592,169	2,636,995	4,274,928	4,246,668	2,914,520	727,421	96,223	61,794
Residential New Construction	1,486	439	586	1,892	1,657	1,723	1,244	1,357	1,436	1,084	938
HOME ENERGY SOLUTIONS (HES)											
HES Furnace	54	-	-	-	-	-	-	-	-	-	-
HES Heat Pump Water Heater	541	1,015	-	-	-	-	-	-	-	-	-
HES Insulation Rebate	3,592	2,848	-	-	-	-	-	-	-	-	-
HES Window Rebate	4,166	3,605	-	-	-	-	-	-	-	-	-
HES Appliance Retirement	278	187	-	-	-	-	-	-	-	-	-
HES HVAC	169	135	-	-	-	-	-	-	-	-	-
HES (Core Services, HVAC, Duct Sealing through 2015)	16,906	12,428	11,051	18,267	14,444	17,664	22,226	21,829	22,652	18,372	18,652
HVAC & Water Heating Equipment	-	-	16,058	21,872	17,099	20,347	49,474	54,479	43,872	39,257	36,950
Residential HVAC	8,027	14,377	-	-	-	-	-	-	-	-	-
Total: HES	**33,733**	**34,595**	**27,109**	**40,139**	**31,543**	**38,011**	**71,700**	**76,308**	**66,524**	**57,629**	**55,602**
HES-Income Eligible	14,711	12,203	9,599	21,582	15,039	12,402	16,468	14,363	11,504	15,680	14,960
Residential Behavior	339,218	296,871	405,959	506,000	119,622	135,902	-	-	-	130,000	130,000
Subtotal: Residential EE Portfolio	**3,299,557**	**3,197,590**	**3,721,807**	**4,161,782**	**2,804,856**	**4,462,966**	**4,336,080**	**3,006,548**	**806,885**	**300,617**	**263,294**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	561	560	528	484	326	417	1,070	109	63	161	135
Energy Opportunities	789	796	1,111	1,144	1,147	1,315	946	1,068	416	459	457
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	120	165	194	144	132	117	61	71	54	173	204
Small Business	1,571	1,349	1,318	1,275	920	924	361	601	676	747	784
Subtotal: C&I EE Portfolio	**3,041**	**2,870**	**3,151**	**3,047**	**2,525**	**2,773**	**2,438**	**1,849**	**1,209**	**1,539**	**1,580**
OTHER - LOAD MANAGEMENT											
ISO Load Response Program	220	215	113	78	78	-	-	-	-	-	-
Residential Demand Response	-	-	-	-	-	4,379	14,820	17,167	35,618	25,960	28,556
C&I Demand Response	-	-	-	-	-	105	206	284	351	336	352
Subtotal: Load Management	**220**	**215**	**113**	**78**	**78**	**4,484**	**15,026**	**17,451**	**35,969**	**26,296**	**28,908**
TOTAL (includes ISO Load Response)	**3,302,818**	**3,200,675**	**3,725,071**	**4,164,907**	**2,807,459**	**4,470,223**	**4,353,544**	**3,025,848**	**844,063**	**328,451**	**293,782**
TOTAL (excludes ISO Load Response)	**3,302,598**	**3,200,460**	**3,724,958**	**4,164,829**	**2,807,381**	**4,470,223**	**4,353,544**	**3,025,848**	**844,063**	**328,451**	**293,782**

Table D5- Eversource Electric Historical and Cost per Projected kW (2014-2024)

Table D5
Eversource CT Electric Historical and Cost per Projected kW

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$2,025	$1,723	$1,465	$1,062	$1,902	$2,078	$2,253	$1,602	$2,610	$4,510	$5,064
Residential New Construction	$1,611	$2,712	$2,472	$2,306	$2,441	$1,510	$2,463	$3,780	$4,689	$8,780	$11,056
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$5,489	$5,452	$6,650	$5,277	$4,484	$4,581	$9,898	$11,699	$14,631	$15,991	$16,510
HVAC & Water Heating Equipment	$ -	$ -	$5,344	$5,030	$5,397	$5,181	$8,367	$12,214	$13,103	$12,450	$21,990
HES-Income Eligible	$17,458	$13,061	$11,451	$10,251	$8,406	$9,543	$21,427	$21,352	$28,648	$46,539	$61,096
Residential Behavior	$362	$191	$715	$726	$210	$724	$ -	$ -	$ -	$1,103	$1,103
Subtotal: Residential EE Portfolio	**$2,894**	**$2,101**	**$3,042**	**$2,569**	**$3,125**	**$3,659**	**$5,843**	**$7,042**	**$12,443**	**$14,487**	**$17,953**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$1,780	$1,707	$1,872	$1,696	$2,387	$2,454	$3,895	$2,484	$2,801	$3,062	$2,910
Energy Opportunities	$2,706	$2,247	$2,756	$1,878	$1,616	$2,097	$2,956	$2,447	$2,127	$3,304	$3,333
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$2,285	$2,493	$2,997	$2,278	$1,987	$1,039	$2,150	$1,285	$3,464	$1,971	$1,868
Small Business	$5,056	$3,746	$3,192	$3,090	$2,564	$1,974	$2,497	$3,433	$2,417	$2,960	$2,959
Subtotal: C&I EE Portfolio	**$2,693**	**$2,345**	**$2,640**	**$2,134**	**$1,873**	**$2,070**	**$3,034**	**$2,571**	**$2,280**	**$3,080**	**$3,038**
OTHER - LOAD MANAGEMENT											
ISO Load Response Program	$41	$23	$67	$59	$31	$ -	$ -	$ -	$ -	$ -	$ -
Residential Demand Response	$ -	$ -	$ -	$ -	$ -	$279	$147	$168	$147	$214	$214
C&I Demand Response	$ -	$ -	$ -	$ -	$ -	$56	$49	$55	$59	$54	$57
Subtotal: Load Management	**$41**	**$23**	**$92**	**$100**	**$50**	**$95**	**$69**	**$77**	**$81**	**$79**	**$80**
TOTAL (includes ISO Load Response)	**$1,108**	**$891**	**$1,971**	**$1,511**	**$1,359**	**$2,498**	**$1,572**	**$1,468**	**$1,457**	**$1,249**	**$1,201**
TOTAL (excludes ISO Load Response)	**$3,347**	**$2,712**	**$3,416**	**$2,877**	**$2,728**	**$2,498**	**$1,572**	**$1,468**	**$1,457**	**$1,249**	**$1,201**

Table D6 - Eversource Electric Historical and Cost per Projected Annual kWh (2014-2024)

Table D6
Eversource CT Electric Historical and Cost per Projected Annual kWh

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$0.180	$0.211	$0.181	$0.132	$0.267	$0.263	$0.278	$0.210	$0.335	$0.550	$0.612
Residential New Construction	$0.557	$0.711	$0.945	$0.888	$0.982	$0.577	$0.501	$0.733	$0.970	$1.271	$1.351
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$0.928	$0.892	$1.044	$0.853	$0.762	$0.763	$1.995	$2.914	$3.717	$5.460	$5.400
HVAC & Water Heating Equipment	$ -	$ -	$0.443	$0.295	$0.566	$1.463	$2.011	$1.963	$2.276	$24.064	($6.774)
HES-Income Eligible	$1.570	$1.230	$1.351	$0.983	$0.889	$1.468	$2.289	$3.067	$4.754	$4.791	$5.176
Residential Behavior	$0.093	$0.049	$0.163	$0.166	$0.024	$0.083	$ -	$ -	$0.000	$0.126	$0.126
Subtotal: Residential EE Portfolio	**$0.424**	**$0.362**	**$0.431**	**$0.354**	**$0.427**	**$0.564**	**$0.869**	**$1.114**	**$2.209**	**$3.321**	**$4.230**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.320	$0.321	$0.358	$0.286	$0.369	$0.369	$0.640	$0.410	$0.487	$0.708	$0.740
Energy Opportunities	$0.355	$0.330	$0.338	$0.286	$0.309	$0.304	$0.445	$0.370	$0.323	$0.545	$0.557
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$0.226	$0.319	$0.303	$0.270	$0.343	$0.290	$0.359	$0.241	$0.655	$0.357	$0.338
Small Business	$0.492	$0.476	$0.509	$0.513	$0.421	$0.361	$0.550	$0.844	$0.642	$0.608	$0.638
Subtotal: C&I EE Portfolio	**$0.362**	**$0.354**	**$0.370**	**$0.334**	**$0.339**	**$0.320**	**$0.479**	**$0.422**	**$0.373**	**$0.569**	**$0.577**
TOTAL (includes ISO Load Response)	**$0.480**	**$0.443**	**$0.489**	**$0.431**	**$0.456**	**$0.532**	**$0.739**	**$0.762**	**$0.896**	**$1.196**	**$1.265**
TOTAL (excludes ISO Load Response)	**$0.468**	**$0.435**	**$0.481**	**$0.423**	**$0.451**	**$0.532**	**$0.739**	**$0.762**	**$0.896**	**$1.196**	**$1.265**

Table D7 - Eversource Electric Historical and Cost per Projected Lifetime kWh (2014-2024)

Table D7
Eversource CT Electric Historical and Cost per Projected Lifetime kWh

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$ 0.020	$ 0.021	$ 0.016	$0.017	$0.044	$0.050	$0.063	$ 0.058	$0.073	$0.059	$0.061
Residential New Construction	$ 0.037	$ 0.044	$ 0.056	$0.057	$ 0.062	$0.034	$ 0.028	$ 0.046	$0.039	$0.065	$0.067
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$ 0.078	$ 0.072	$ 0.085	$ 0.078	$ 0.079	$ 0.080	$ 0.180	$ 0.237	$0.213	$0.388	$0.390
HVAC & Water Heating Equipment	$ -	$ -	$ 0.033	$0.020	$ 0.034	$ 0.088	$0.126	$ 0.123	$0.137	($4.592)	($0.278)
HES Income Eligible	$ 0.116	$ 0.104	$ 0.111	$ 0.080	$ 0.078	$ 0.136	$ 0.179	$0.244	$0.338	$0.533	$0.553
Residential Behavior	$ 0.047	$ 0.025	$ 0.064	$ 0.065	$ 0.009	$0.032	$ -	$ -	$0.000	$0.063	$0.063
Subtotal: Residential EE Portfolio	**$0.051**	**$0.044**	**$0.040**	**$0.039**	**$0.055**	**$0.076**	**$0.107**	**$0.144**	**$0.170**	**$0.298**	**$0.405**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.021	$0.021	$0.024	$0.019	$0.024	$0.024	$0.043	$0.028	$0.035	$0.051	$0.053
Energy Opportunities	$0.031	$ 0.029	$0.030	$0.025	$0.026	$0.027	$ 0.040	$0.033	$0.044	$0.076	$0.075
Business & Energy Sustainability (O&M, RCx, BSC, PRIME, CSP/SEM)	$ 0.032	$0.053	$0.048	$0.049	$0.067	$0.050	$0.057	$0.040	$0.112	$0.047	$0.045
Small Business	$0.040	$0.038	$0.041	$ 0.041	$0.034	$0.029	$0.047	$0.074	$0.089	$0.076	$0.079
Subtotal: C&I EE Portfolio	**$0.029**	**$0.029**	**$ 0.031**	**$0.028**	**$0.028**	**$0.027**	**$0.041**	**$0.036**	**$0.045**	**$0.067**	**$0.068**
TOTAL (includes ISO Load Response)	**$0.045**	**$0.043**	**$0.043**	**$0.041**	**$0.044**	**$0.051**	**$0.071**	**$0.074**	**$0.097**	**$0.135**	**$0.145**
TOTAL (excludes ISO Load Response)	**$0.044**	**$0.043**	**$0.042**	**$ 0.041**	**$0.043**	**$0.051**	**$0.071**	**$0.074**	**$0.097**	**$0.135**	**$0.145**

Table D8 – Eversource Electric Historical and Projected Annual MMBtu (2019-2024)

Table D8
Eversource CT Electric Historical and Projected Annual MMBtu (2019-2024)

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL						
Residential Retail Products	126,205	137,926	142,239	46,676	24,682	21,168
Residential New Construction	17,010	18,507	17,058	19,036	10,744	10,113
Home Energy Solutions	157,016	111,579	222,059	211,886	77,757	78,305
HVAC & Water Heating Equipment	27,166	121,425	119,893	36,212	95,252	110,380
HES-Income Eligible	77,185	52,659	57,551	80,848	40,011	37,759
Residential Behavior	41,343	-	-	-	2,440	2,440
Subtotal: Residential EE Portfolio	**445,924**	**442,096**	**558,799**	**394,657**	**250,887**	**260,164**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	87,521	66,263	88,045	73,750	63,888	53,290
Energy Opportunities	433,040	345,437	341,787	409,121	206,467	202,375
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	18,312	9,212	11,916	6,733	28,963	34,084
Small Business	84,685	33,400	49,748	38,549	66,651	66,254
Subtotal: C&I EE Portfolio	**623,558**	**454,312**	**491,497**	**528,152**	**365,969**	**356,004**
TOTAL	**1,069,481**	**896,408**	**1,050,296**	**922,810**	**616,856**	**616,168**

Table D9 – Eversource Electric Historical and Projected Lifetime MMBtu

Table D9
Eversource CT Electric Historical and Projected Lifetime MMBtu

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL						
Residential Retail Products	674,120	615,861	524,023	223,718	239,168	215,462
Residential New Construction	328,016	325,378	303,225	474,205	218,267	210,154
Home Energy Solutions	2,544,409	1,904,384	4,609,096	4,499,672	1,470,072	1,474,398
HVAC & Water Heating Equipment	454,801	2,340,806	1,803,654	581,484	1,620,717	1,885,618
HES-Income Eligible	1,262,624	794,590	1,033,081	1,227,045	688,289	657,827
Residential Behavior	106,790	-	-	-	4,879	4,879
Subtotal: Residential EE Portfolio	**5,370,759**	**5,981,018**	**8,273,078**	**7,006,124**	**4,241,392**	**4,448,338**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	1,329,104	978,834	1,289,736	1,041,093	896,414	748,723
Energy Opportunities	4,920,239	3,826,983	3,787,217	3,020,874	1,474,245	1,494,235
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	106,070	58,477	71,764	39,463	217,842	256,333
Small Business	1,063,855	390,938	565,822	280,012	533,291	535,792
Subtotal: C&I EE Portfolio	**7,419,268**	**5,255,231**	**5,714,538**	**4,381,443**	**3,121,793**	**3,035,082**
TOTAL	**12,790,027**	**11,236,249**	**13,987,616**	**11,387,566**	**7,363,185**	**7,483,420**

Eversource Electric PMI (2023)

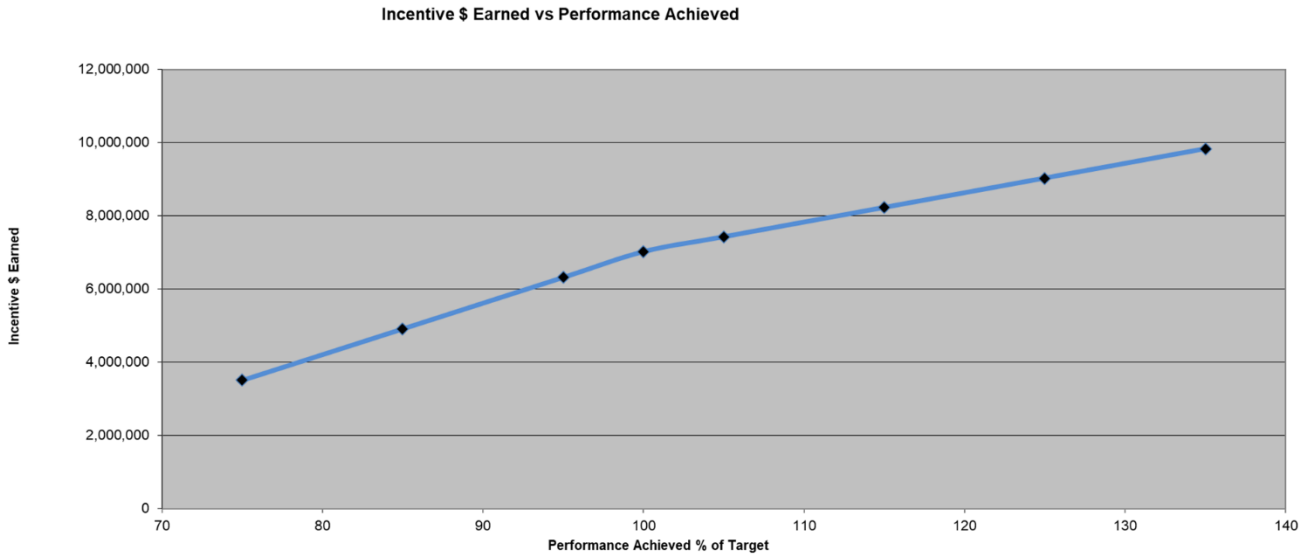
2023 Management Incentive Performance Indicators and Incentive Matrix

Eversource CT Electric and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected Eversource CT Performance Incentive is **$7,023,796** and is based on achieving 100% of all performance targets and earning an incentive of **5.0%** of the total EE program budget of **$140,475,919** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

-Performance Incentive Illustration-

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.5%	$3,511,898
85	3.5%	$4,916,657
95	4.5%	$6,321,416
100	**5.0%**	**$7,023,796**
105	5.29%	$7,431,176
115	5.86%	$8,231,889
125	6.43%	$9,032,602
135	7.00%	$9,833,314

Maximum
Incentive Basis Budget $140,475,919
"Goals will be prorated based on actual over/under spend of budget. "



Eversource Electric PMI (2023) (continued)

Sector		Performance Indicators					Incentive Metrics			
Residential		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Residential Programs (Sector Level) Sector Budget	**$60,084**						Sum of CT Efficiency Test Benefit from Residential programs	CT Efficiency Test Benefit from Res programs	0.2099	**$1,474,295**
		Retail Products	60,395,175	789	87,082	(83)				
		New Construction	54,212,422	399	-	364,543				
		Home Energy Solutions	57,749,359	1,403	8,573,084	920,075		**$159,397,399**		
		HVAC	(3,033,446)	1,119	8,673,374	3,256,672				
		HES-Income Eligible	31,072,729	356	3,980,030	331,533				
		Behavior	1,430,000	82	-	-				
		Total	**201,826,238**	**4,147**	**21,13,570**	**4,872,741**				
		Savings Rate	$0.119 /kWh	$3,033.53 /kW	$4.97	$3.45				
		Savings	$24,087,608	$12,580,055	$105,939,073	$16,790,662				
Net CT Efficiency Test Benefit - Res.		CT Efficiency Test Benefit less Program Costs		$99,313,818				**$99,313,818**	0.2099	**$1,474,295**
Residential Active Demand Response	**$3,082**	Residential ADR			14,427	kW				
		Residential ADR Savings	$3,231,791	Residential ADR Savings Rate	$224.02	$/kW	Residential DR Benefit	**$3,231,791**	0.0045	**$31,607**
Net CT Efficiency Test Benefit Residential Active Demand Response		System Benefit less Program Costs			$149,791		Net Benefit Residential DR	**$149,791**	0.0045	**$31,607**

Eversource Electric PMI (2023) (continued)

Sector	Performance Indicators					Incentive Metrics			
Residential	**$**	**LT-kWh**		**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions	**$22,433**	Electric Savings LTkWh:	57,749,359				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW :	1,403							
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (18.27*102%=18.64).					Increase in HES savings per ducted home	Achieve 18.64 MMBtu in HES per single-family ducted home savings across	0.0100	**$70,238**
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (14.53 * 102%=14.82).					Increase in HES savings per non-ducted home	Achieve 14.82 MMBtu in HES per single-family non-ducted home savings across all fuels	0.0100	**$70,238**
		Number of HES homes that receive insulation rebates divided by the number of homes that receive the HES Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (20.77%+2%=22.77%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baselines will be calculated for Eversource and United Illuminating individually).					Increase Homes being Weatherized	22.77% of homes that receive insulation rebates	0.0100	**$70,238**
Residential New Construction	**$3,506**	Electric Savings LTkWh :	54,212,422				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW:	399							
		Retain 50% of volume/production builders (defined as builders who have completed at least seven homes, statewide, in the Residential New Construction program over the last 3 years) for program year 2023. Retainment will be defined as those builders who enroll at least 1 all-electric home in Program Year 2023.					% Retention for 2023 Program Year	50% of Volume/ production builder participants	0.0100	**$70,238**

Eversource Electric PMI (2023)(continued)

Sector	Performance Indicators		Incentive Metrics			
Residential	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions-Income Eligible	**$16,568**	Electric Savings LTkWh : **31,072,729** Demand Savings kW : **356**		Energy savings included in appropriate sector-level metric		
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (18.10*102%=18.46).	Increase in HES-IE savings per ducted home	Achieve 18.46 MMBtu in HES-IE per single-family ducted home savings across all fuels	0.0100	**$70,238**
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (12.34*102%=12.59).	Increase in HES-IE savings per non-ducted home	Achieve 12.59 MMBtu in HES-IE per single-family non-ducted home savings across all fuels	0.0100	**$70,238**
		Number of HES-IE homes that receive insulation upgrades divided by the number of homes that receive the HES-IE Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (62%+2%=64%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baseline will be calculated with all the Companies together).	Increase in homes being weatherized	64% of homes that receive insulation upgrades	0.0100	**$70,238**
Equitable Distribution		The Companies will track the participation in 1-4-unit HES or HES-IE from January 1, 2023 through December 31, 2023 of all electric customers that are coded "hardship" (i.e., MPP, Eversource New Start and UI Forgiveness programs) at February 1, 2023 and achieve 5% participation (serving at least 918 customers). Hardship coded customers not previously served for 2022 metric was 44,132 and for 2023 metric is 18,360.	Achieve 5% participation serving at least 918 customers		0.0200	**$140,476**
Retail Products	**$3,558**	Electric Savings LTkWh: 60,395,175 Demand Savings kW: 789	Energy Savings included in appropriate sector-level metric			

Eversource Electric PMI (2023)(continued)

Sector		Performance Indicators					Incentive Metrics			
Commercial & Industrial		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
C&I Programs (Sector Level) Sector Budget	**$60,315**						Sum of CT Efficiency Test Benefit from C&I programs	CT Efficiency Test Benefit from C&I programs	0.1745	**$1,225,652**
		Energy Conscious Blueprint	247,788,638	4,103	268,278	150,577				
		Energy Opportunities	430,653,092	9,958	24,336	16,224				
		Business and Energy Sustainability	63,275,485	1,523	10,058	6,035				
		Small Business	155,367,363	4,002	14,256	13,142		**$160,480,741**		
		Total	**897,084,578**	**19,586**	**316,928**	**185,977**				
		Savings Rate	$0.135 /kWh 00	$1,900 / kW	$4.76	$3.48				
		Savings	$ 121,107,313	$ 37,216,910	$1,508,717	$647,801				
Net CT Efficiency Test Benefit – C&I		System Benefit less Program Costs				$100,166,063		**$100,166,063**	0.1745	**$1,225,652**
C&I Active Demand Response	**$4,381**	C&I ADR			80,630	kW				
		C&I ADR Savings	$11,801,487	C&I ADR Savings Rate	$146.37	$/kW	C&I DR Benefit	**$11,801,487**	0.0111	**$77,964**
Net CT Efficiency Test Benefit C&I Active Demand Response		System Benefit less Program Costs				$7,420,897	Net Benefit C&I DR	**$7,420,897**	0.0111	**$77,964**

Eversource Electric PMI (2023)(continued)

Sector	Performance Indicators		Incentive Metrics			
Commercial & Industrial	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Commercial & Industrial Retrofit (Energy Opportunities)	**$32,904**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (52%+5%=57%).	Continue to promote comprehensive projects	57% of all signed projects	0.0250	**$175,595**
Commercial & Industrial New Construction (Energy Conscious Blueprint)	**$12,566**	Number of C&I new construction/major renovation projects that utilize Path 1 or Path 2. Projects will count towards this KPI in the year they have a signed study agreement or LOA	Continue to advance projects that are more efficient than the State Energy Code	15% of signed projects	0.0200	**$140,476**
Small Business	**$11,843**	Electric Saving LT kWh: 155,367,363 Demand Saving kW: 4,002	Energy Savings included in appropriate sector-level metric			
		Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA or customer assessment within the current program year Based on Prior Year Actual results + 5% (36%+5%=41%).	Continue to promote comprehensive projects	41% of signed projects	0.0250	**$175,595**
Equitable Distribution		Fully executed project agreements for customers in Department of Economic and Community Development (DECD) Towns.	Continue to promote equity in the C&I sector	339 agreements in Eversource territory	0.0150	**$105,357**
Strategic Energy Management	**$3,001**	Eversource will engage 16 participants in the Strategic Energy Management (SEM) program and those participants will deliver a minimum of 400,000 kWh annual savings for SEM measures. *Participant includes a single customer site from a single customer participating as a cohort. ** Cohort participants may include individual customers with multiple sites.	Promote SEM Initiatives	16 CEE SEM Minimum Elements 400,000 kWh Savings	0.0150	**$105,357**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.	Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$70,238**
Total of Incentives					**1.0000**	**$7,023,796**

Eversource Electric PMI (2024)

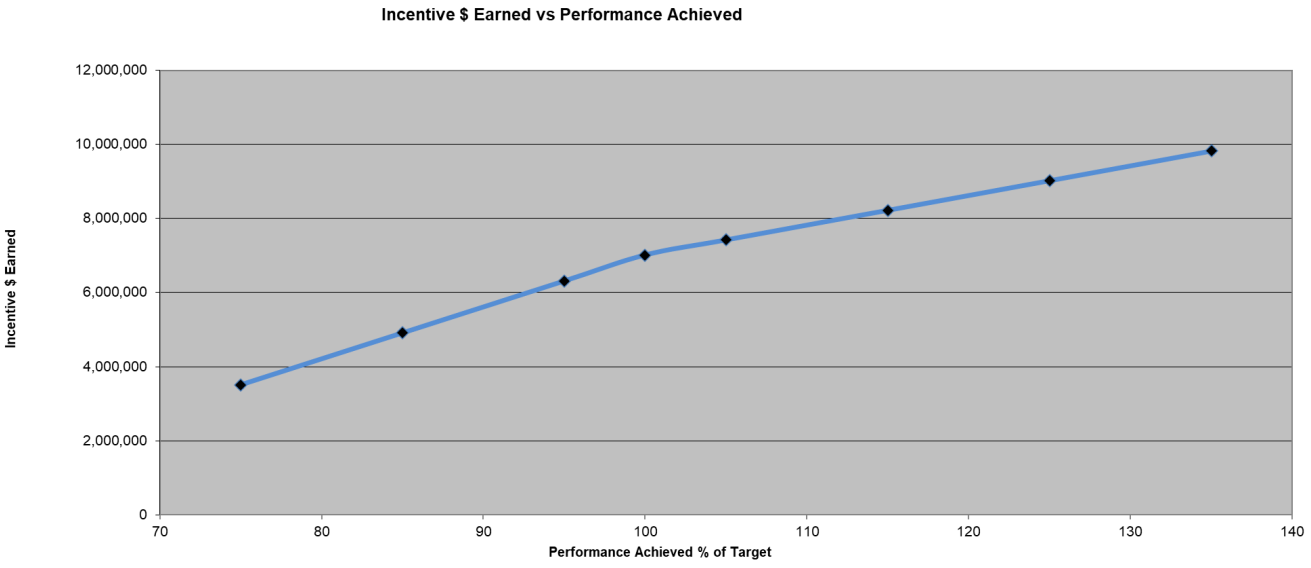
2024 Management Incentive Performance Indicators and Incentive Matrix

Eversource CT Electric and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected Eversource CT Performance Incentive is **$7,016,538** and is based on achieving 100% of all performance targets and earning an incentive of **5.0%** of the total EE program budget of **$140,330,760** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

-Performance Incentive Illustration-

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.5%	$3,508,269
85	3.5%	$4,911,577
95	4.5%	$6,314,884
100	**5.0%**	**$7,016,538**
105	5.29%	$7,423,497
115	5.86%	$8,223,383
125	6.43%	$9,023,268
135	7.00%	$9,823,153

Maximum
Incentive Basis Budget $140,330,760
"Goals will be prorated based on actual over/under spend of budget. "



Eversource Electric PMI (2024) (continued)

Sector		Performance Indicators					Incentive Metrics			
Residential		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Residential Programs (Sector Level) Sector Budget	**$59,431**						Sum of CT Efficiency Test Benefit from Residential programs	CT Efficiency Test Benefit from Res programs	0.2099	**$1,472,771**
		Retail Products	54,206,241	652	81,468	-				
		New Construction	51,929,171	315	-	361,021				
		Home Energy Solutions	58,495,760	1,382	8,636,817	842,777		**$168,365,818**		
		HVAC	(48,525,122)	614	11,322,929	3,885,371				
		HES-Income Eligible	29,342,658	266	3,806,146	326,675				
		Behavior	1,430,000	82	-	-				
		Total	**146,878,707**	**3,310**	**23,847,360**	**5,415,844**				
		Savings Rate	$0.11758 /kWh	$3,017.97 /kW	$5.11	$3.55				
		Savings	$17,270,197	$9,989,472	$121,876,356	$19,229,784				
Net CT Efficiency Test Benefit - Res.		CT Efficiency Test Benefit less Program Costs		$108,934,370				**$108,934,370**	0.2099	**$1,472,771**
Residential Active Demand Response	**$3,390**	Residential ADR			15,869	kW				
		Residential ADR Savings	$3,622,394	Residential ADR Savings Rate	$228.27	$/kW	Residential DR Benefit	**$3,622,394**	0.0045	**$31,574**
Net CT Efficiency Test Benefit Residential Active Demand Response		System Benefit less Program Costs			$232,194		Net Benefit Residential DR	**$232,194**	0.0045	**$31,574**

Eversource Electric PMI (2024) (continued)

Sector	Performance Indicators					Incentive Metrics			
Residential	**$**	**LT-kWh**		**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions	**$22,820**	Electric Savings LTkWh:	58,495,760				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW :	1,382							
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).					Increase in HES savings per ducted home	Achieve X MMBtu in HES per single-family ducted home savings across	0.0100	**$70,165**
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).					Increase in HES savings per non-ducted home	Achieve X MMBtu in HES per single-family non-ducted home savings across all fuels	0.0100	**$70,165**
		Number of HES homes that receive insulation rebates divided by the number of homes that receive the HES Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (X%+2%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baselines will be calculated for Eversource and United Illuminating individually).					Increase Homes being Weatherized	X% of homes that receive insulation rebates	0.0100	**$70,165**
Residential New Construction	**$3,483**	Electric Savings LTkWh :	51,929,171				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW:	315							
		Retain 50% of volume/production builders (defined as builders who have completed at least seven homes, statewide, in the Residential New Construction program over the last 3 years) for program year 2024. Retainment will be defined as those builders who enroll at least 1 all-electric home in Program Year 2024.					% Retention for 2024 Program Year	50% of Volume/production builder participants	0.0100	**$70,165**

Eversource Electric PMI (2024)(continued)

Sector	Performance Indicators		Incentive Metrics			
Residential	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions-Income Eligible	**$16,232**	Electric Savings LTkWh : **29,342,658** Demand Savings kW : **266**		Energy Savings included in appropriate sector-level metric		
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).	Increase in HES-IE savings per ducted home	Achieve X MMBtu in HES-IE per single-family ducted home savings across all fuels	0.0100	**$70,165**
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).	Increase in HES-IE savings per non-ducted home	Achieve X MMBtu in HES-IE per single-family non-ducted home savings across all fuels	0.0100	**$70,165**
		Number of HES-IE homes that receive insulation upgrades divided by the number of homes that receive the HES-IE Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (X%+2%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baseline will be calculated with all the Companies together).	Increase in homes being weatherized	X% of homes that receive insulation upgrades	0.0100	**$70,165**
Equitable Distribution		The Companies will track the participation in 1-4-unit HES or HES-IE from January 1, 2024 through December 31, 2024 of all electric customers that are coded "hardship" (i.e., MPP, Eversource New Start and UI Forgiveness programs) at February 1, 2024 and achieve X% participation.	Achieve X% participation		0.0200	**$140,331**
Retail Products	**$3,300**	Electric Savings LTkWh: 54,206,241 Demand Savings kW: 652	Energy Savings included in appropriate sector-level metric			

Eversource Electric PMI (2024)(continued)

Sector		Performance Indicators					Incentive Metrics			
Commercial & Industrial		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
C&I Programs (Sector Level) Sector Budget	**$59,537**	Energy Conscious Blueprint	205,972,177	3,746	241,269	136,690	Sum of CT Efficiency Test Benefit from C&I programs	CT Efficiency Test Benefit from C&I programs	0.1745	**$1,224,386**
		Energy Opportunities	436,238,299	9,879	28,392	20,280				
		Business and Energy Sustainability	74,575,547	1,794	8,878	7,112				
		Small Business	156,050,588	4,178	15,509	13,105				
		Total	**872,836,611**	**19,597**	**294,047**	**177,187**		**$153,050,579**		
		Savings Rate	$0.133 /kWh	$1,809	/ kW	3.11				
		Savings	$ 116,047,894	$ 35,452,502	$914,261	$635,923				
(1) percent of target goal										
Net CT Efficiency Test Benefit – C&I		CT Efficiency Test Benefit less Program Costs				$93,513,587		**$93,513,587**	0.1745	**$1,224,386**
C&I Active Demand Response	**$4,819**	C&I ADR			84,662	kW				
		C&I ADR Savings	$12,632,277	C&I ADR Savings Rate	$149.21	$/kW	C&I DR Benefit	**$12,632,277**	0.0111	**$77,884**
Net CT Efficiency Test Benefit C&I Active Demand Response		System Benefit less Program Costs				$7,813,628	Net Benefit C&I DR	**$7,813,628**	0.0111	**$77,884**

Eversource Electric PMI (2024)(continued)

Sector	Performance Indicators		Incentive Metrics			
Commercial & Industrial	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Commercial & Industrial Retrofit (Energy Opportunities)	**$32,921**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (X%+5%).	Continue to promote comprehensive projects	X% of all signed projects	0.0250	**$175,413**
Commercial & Industrial New Construction (Energy Conscious Blueprint)	**$10,901**	Number of C&I new construction/major renovation projects that utilize Path 1 or Path 2. Projects will count towards this KPI in the year they have a signed study agreement or LOA	Continue to advance projects that are more efficient than the State Energy Code	15% of signed projects	0.0200	**$140,331**
Small Business	**$12,363**	Electric Saving LTkWh: 156,050,588 Demand Saving kW: 4,178	Energy Savings included in appropriate sector-level metric			
		Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA or customer assessment within the current program year Based on Prior Year Actual results + 5% (X%+5%).	Continue to promote comprehensive projects	X% of signed projects	0.0250	**$175,413**
Equitable Distribution		Fully executed project agreements for customers in Department of Economic and Community Development (DECD) Towns.	Continue to promote equity in the C&I sector	339 agreements in Eversource territory	0.0150	**$105,248**
Strategic Energy Management	**$3,352**	Eversource will engage 16 participants in the Strategic Energy Management (SEM) program and those participants will deliver a minimum of 400,000 kWh annual savings for SEM measures. *Participant includes a single customer site from a single customer participating as a cohort. ** Cohort participants may include individual customers with multiple sites.	Promote SEM Initiatives	16 CEE SEM Minimum Elements 400,000 kWh Savings	0.0150	**$105,248**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.	Timely turnaround	Based on 90% of data request and purchase orders	0.0100	$70,165
Total of Incentives					**1.0000**	**$7,016,538**

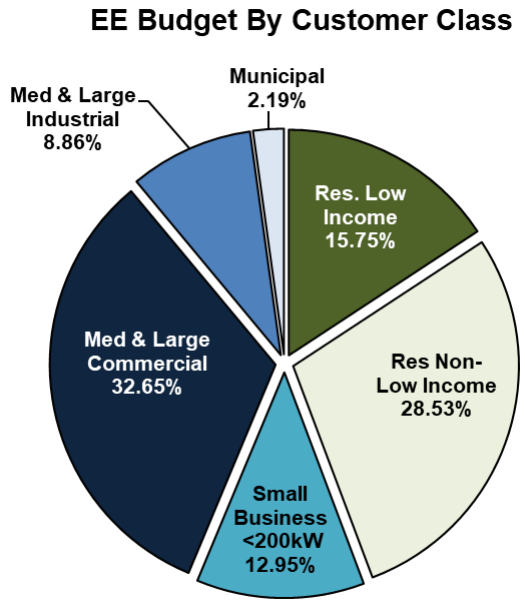
D.4 United Illuminating Budget and Savings Tables

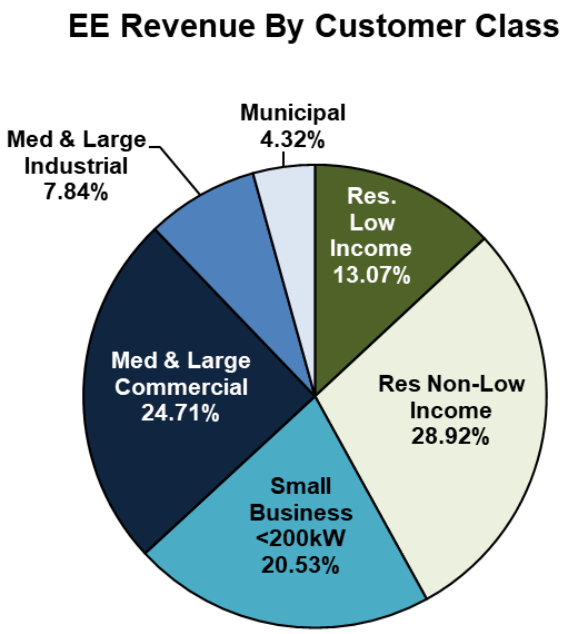
United Illuminating Electric Table A1 (2022-2025)

UNITED ILLUMINATING EE BUDGET	2022 UI Electric Actual Results 12/31/22	2023 UI Electric Proposed Budget 03/01/23	2024 UI Electric Proposed Budget 03/01/23	2025 UI Electric Proposed Budget 03/01/23
RESIDENTIAL				
Residential Retail Products	$1,230,876	$1,001,887	$1,099,479	$1,093,609
Residential New Construction	$495,708	$561,642	$616,350	$613,059
Home Energy Solutions	$5,100,961	$4,938,451	$4,348,520	$4,335,978
HVAC & Water Heating Equipment	$2,238,227	$2,654,225	$2,380,206	$2,367,498
HES-Income Eligible	$4,463,456	$5,381,665	$4,751,998	$4,726,627
Residential Behavior	$178,542	$190,987	$218,433	$217,267
Subtotal: Residential EE Portfolio	**$13,707,770**	**$14,728,857**	**$13,414,986**	**$13,354,038**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$2,472,864	$4,727,909	$4,280,473	$4,257,620
Energy Opportunities	$6,206,560	$8,999,498	$8,009,592	$8,469,410
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$984,894	$1,332,732	$995,340	$988,575
Small Business	$1,946,704	$4,392,792	$3,817,435	$3,795,808
Subtotal: C&I EE Portfolio	**$11,611,022**	**$19,452,931**	**$17,102,840**	**$17,511,413**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$826,658	$765,297	$833,588	$833,588
C&I Demand Response	$360,469	$591,014	$591,014	$591,014
Subtotal: Load Management	**$1,187,127**	**$1,356,311**	**$1,424,602**	**$1,424,602**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$135,004	$184,000	$184,000	$184,000
Workforce Development	$107,668	$198,400	$198,400	$198,400
Community Outreach	$90,233	$192,000	$192,000	$192,000
Customer Engagement Initiative	$16,760	$80,000	$80,000	$80,000
Subtotal: Education & Engagement	**$349,665**	**$654,401**	**$654,401**	**$654,401**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Financing Support	$197,277	$146,738	$146,738	$146,738
C&I Financing Support	$ -	$85,000	$85,000	$85,000
Research, Development & Demonstration	$141,462	$151,250	$151,250	$151,250
Subtotal: Programs/Requirements	**$338,739**	**$382,988**	**$382,988**	**$382,988**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$486,862	$180,673	$180,674	$180,674
Marketing Plan	$114,189	$121,400	$121,400	$121,400
Planning	$517,006	$194,043	$194,043	$194,043
Evaluation Measurement and Verification	$720,156	$720,000	$720,000	$720,000
Evaluation Administrator	$129,709	$71,057	$71,057	$71,057
Information Technology	$1,037,586	$517,375	$517,375	$517,375
Energy Efficiency Board Consultants	$128,000	$132,559	$132,559	$132,559
Audits - Financial and Operational	$24,000	$24,000	$24,000	$24,000
Performance Management Incentive	$1,650,399	$1,915,449	$1,735,665	$1,753,047
Subtotal: Admin/Planning Expenditures	**$4,807,907**	**$3,876,556**	**$3,696,773**	**$3,714,154**
TOTAL	**$32,002,230**	**$40,452,043**	**$36,676,590**	**$37,041,596**

United Illuminating Table A Pie Chart (2023)

United Illuminating
2023 EE Budget and Parity Analysis
Table A1 Pie Chart



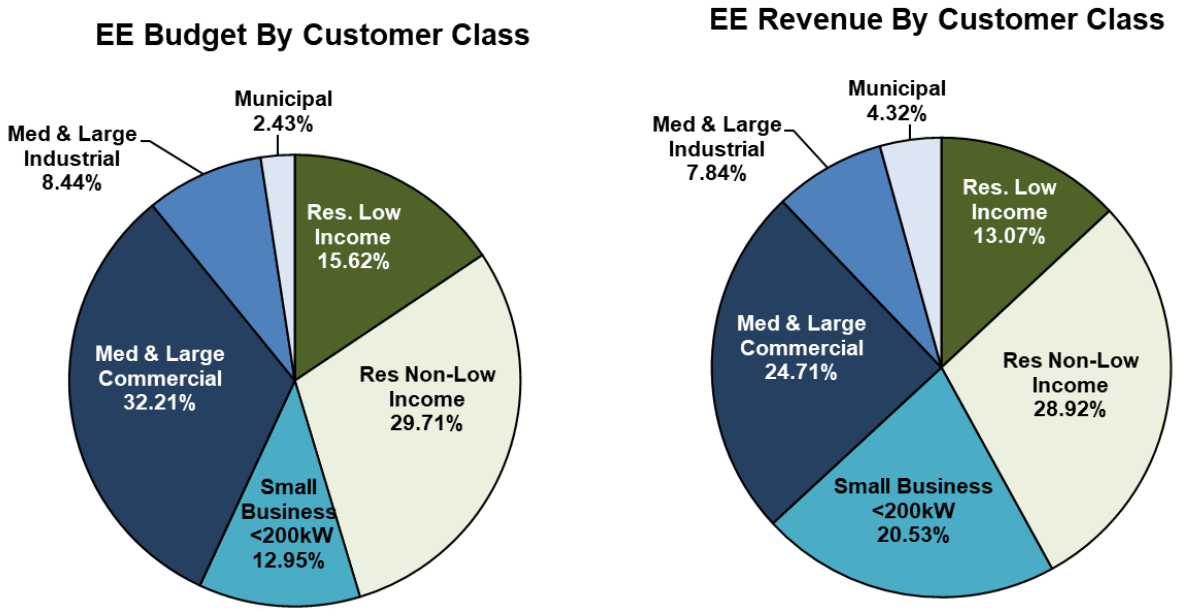


Customer Class	Budget	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$ 5,754,453	14.23%	15.75%	13.07%	2.68%
Res. Non-Low-Income	$ 10,427,880	25.78%	28.53%	28.92%	-0.39%
Residential Subtotal	**$ 16,182,333**	**40.00%**	**44.28%**	**41.99%**	**2.29%**
Small Business < 200 kW	$ 4,392,792	10.86%	12.02%	21.14%	-9.12%
Med & Large Commercial	$ 11,933,163	29.50%	32.65%	24.71%	7.94%
Med & Large Industrial	$ 3,237,350	8.00%	8.86%	7.84%	1.02%
Municipal	$ 800,000	1.98%	2.19%	4.32%	-2.13%
C&I Subtotal	**$ 20,363,305**	**50.34%**	**55.72%**	**58.01%**	**-2.29%**
Residential and C&I Subtotal	**$ 36,545,638**	**90.34%**	**100.00%**	**100.00%**	**0.00%**
Other Expenditures					
Other Expenditures	$ 3,906,405	9.66%			
Other Expenditures Subtotal	**$ 3,906,405**	**9.66%**			
Energy Efficiency Total	**$ 40,452,043**	**100%**			

Note: Municipalities and state facilities are eligible to participate in C&I Portfolio offerings as applicable.
*Please see attached Budget Allocation Table.
Totals may vary due to rounding.

United Illuminating Electric Table A Pie Chart (2024)

United Illuminating
2024 EE Budget and Parity Analysis
Table A1 Pie Chart



Customer Class	Budget	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$ 5,146,678	14.03%	15.62%	13.07%	2.55%
Res. Non-Low-Income	$ 9,790,075	26.69%	29.71%	28.92%	0.79%
Residential Subtotal	**$ 14,936,752**	**40.73%**	**45.33%**	**41.99%**	**3.34%**
Small Business < 200 kW	$ 3,817,435	10.41%	11.59%	21.14%	-9.55%
Med & Large Commercial	$ 10,613,429	28.94%	32.21%	24.71%	7.50%
Med & Large Industrial	$ 2,782,350	7.59%	8.44%	7.84%	0.60%
Municipal	$ 800,000	2.18%	2.43%	4.32%	-1.89%
C&I Subtotal	**$ 18,013,214**	**49.11%**	**54.67%**	**58.01%**	**-3.34%**
Residential and C&I Subtotal	**$ 32,949,967**	**89.84%**	**100.00%**	**100.00%**	**0.00%**
Other Expenditures					
Other Expenditures	$ 3,726,623	10.16%			
Other Expenditures Subtotal	**$ 3,726,623**	**10.16%**			
Energy Efficiency Total	**$ 36,676,590**	**100%**			

United Illuminating Electric Table A Budget Allocation (2022-2024)

Table A Pie Sector Allocation			
	Residential	C&I	Other
OTHER - LOAD MANAGEMENT			
Demand Response - Residential	100%	0%	0%
Demand Response – C&I	0%	100%	0%
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	80%	20%	0%
Workforce Development	50%	50%	0%
Community Outreach	50%	50%	0%
Customer Engagement	80%	20%	0%
OTHER - PROGRAMS/REQUIREMENTS			
Residential Financing Support	100%	0%	0%
C&I Financing Support	0%	100%	0%
Time of Use Program	100%	0%	0%
Research, Development & Demonstration	0%	0%	100%
OTHER - ADMINISTRATIVE & PLANNING			
Administration	0%	0%	100%
Marketing Plan	80%	20%	0%
Planning	0%	0%	100%
Evaluation Measurement and Verification	0%	0%	100%
Evaluation Administrator	0%	0%	100%
Information Technology	0%	0%	100%
Energy Efficiency Board Consultants	0%	0%	100%
Audit - Financial and Operational	0%	0%	100%
Performance Management Incentive	0%	0%	100%
Note: Core Residential and C&I programs that produce savings are allocated 100% to the Residential and C&I sectors, respectively. Other programs budgets are allocated to both Residential and C&I sectors based on an estimated percentage of the sector that those dollars will directly benefit by the percentages above.			

Table B – United Illuminating Electric Costs and Benefits (2023)

2023 United Illuminating	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
Retail Products	$1,208	$1,208	$4,279	2,921	4,742	4,742	2.42	3.93	1.11	68,851	Bulbs, Fixtures
New Construction	$677	$677	$2,191	1,732	2,859	2,859	2.56	4.22	1.31	674	No. of Units
HES	$2,575	$4,778	$5,787	2,121	10,177	11,257	0.82	2.13	1.95	10,715	No. of Ptcps.
HVAC & Water Heating Equipment	$1,759	$2,614	$8,824	153	14,116	14,116	0.09	5.40	1.60	15,508	No. of Ptcps.
HES-Income Eligible	$2,314	$5,221	$5,221	485	5,323	7,567	0.21	1.02	1.45	5,088	Customers
Behavior	$231	$231	$231	425	695	695	1.84	3.01	3.01	33,250	Customers
Subtotal Residential	**$8,764**	**$14,729**	**$26,533**	**7,837**	**37,914**	**41,237**	**0.89**	**2.57**	**1.55**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$4,728	$4,728	$8,859	12,239	17,808	17,808	2.59	3.77	2.01	145	Projects
Energy Opportunities	$8,999	$8,999	$16,560	10,982	16,256	16,256	1.22	1.81	0.98	645	Projects
BES	$1,333	$1,333	$2,385	3,257	4,607	4,607	2.44	3.46	1.93	109	Projects
Small Business	$4,393	$4,393	$9,469	7,039	10,277	10,277	1.60	2.34	1.09	258	Projects
Subtotal C&I	**$19,453**	**$19,453**	**$37,274**	**33,517**	**48,949**	**48,949**	**1.72**	**2.52**	**1.31**	--	-
Demand Response											
Demand Response – Residential	$765	$765	$765	1,145	1,145	1,145	1.50	1.50	1.50	7,103	No. of Ptcps.
Demand Response - C&I	$591	$591	$591	632	632	632	1.07	1.07	1.07	43	New Ptcps.
Subtotal Demand Response	**$1,356**	**$1,356**	**$1,356**	**$1,776**	**$1,776**	**$1,776**	-	-	-	-	-
Subtotal Other	**$4,914**	**$4,914**	**$4,914**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$34,487**	**$40,452**	**$70,077**	**43,131**	**88,639**	**91,963**	**1.25**	**2.19**	**1.31**	-	-

Table B – United Illuminating Electric Costs and Benefits (2023) (continued)

2023 United Illuminating Electric	Electric Savings			Electric Cost Rates			
	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	Electric Cost Rate $/kWh Annualized	Electric Cost Ratio $/LT-kWh	Electric Demand Cost $/kW	Electric Demand Cost $/kW-yr
Residential							
Retail Products	3,322	27,476	324	$0.364	$0.044	$3,726	$450
New Construction	362	9,042	233	$1.872	$0.075	$2,902	$116
Home Energy Solutions	1,174	14,685	292	$2.192	$0.175	$8,828	$706
HVAC & Water Heating Equipment	(63)	(4,034)	152	($27.838)	($0.436)	$11,565	$181
HES-Income Eligible	565	4,929	86	$4.097	$0.470	$26,777	$3,069
Behavior	2,128	4,256	-	$0.109	$0.054	$ -	$ -
Subtotal Residential	**7,487**	**56,354**	**1,088**	**$1.170**	**$0.156**	**$8,058**	**$1,071**
Commercial & Industrial							
Energy Conscious Blueprint	8,472	121,478	1,018	$0.558	$0.039	$4,642	$324
Energy Opportunities	13,677	102,125	1,083	$0.658	$0.088	$8,310	$1,113
BES	3,423	25,789	618	$0.389	$0.052	$2,156	$286
Small Business	8,139	62,471	888	$0.540	$0.070	$4,945	$644
Subtotal C&I	**33,711**	**311,863**	**3,608**	**$0.577**	**$0.062**	**$5,392**	**$583**
Demand Response							
Demand Response – Residential	-	-	5,683	$ -	$ -	$135	$135
Demand Response - C&I	-	-	3,812	$ -	$ -	$155	$155
Subtotal Demand Response	**-**	**-**	9,494	**$ -**	**$ -**	**$ -**	**$ -**
Subtotal Other	-	-	-	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL	**41,198**	**368,217**	**14,190**	**$0.837**	**$0.094**	**$2,430**	**$272**

2023 United Illuminating Electric	Oil/Propane Savings				MMBtu Savings				Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential										
Retail Products	(2,594)	15,372	6,582	74,151	11,854	108,170	$102	$11	1,312	11,757
New Construction	-	-	8,327	208,182	1,995	49,872	$339	$14	207	5,173
Home Energy Solutions	82,093	1,574,855	1,311	25,891	14,722	265,710	$325	$18	1,543	27,312
HVAC & Water Heating Equipment	123,215	2,048,304	50,924	900,895	22,870	381,578	$114	$7	2,198	36,317
HES-Income Eligible	44,090	898,557	4,827	98,274	8,049	149,569	$649	$35	836	15,095
Behavior	-	-	-	-	7,263	14,526	$32	$16	816	1,633
Subtotal: Residential	**246,804**	**4,537,089**	**71,972**	**1,307,393**	**66,753**	**969,425**	**$221**	**$15**	**6,913**	**97,287**
Commercial & Industrial										
Energy Conscious Blueprint	2,916	43,746	4,429	66,431	29,875	428,991	$158	$11	3,338	47,919
Energy Opportunities	-	-	558	5,577	46,730	349,062	$193	$26	5,252	39,227
BES	-	-	-	-	11,683	88,019	$114	$15	1,313	9,894
Small Business	-	-	378	6,804	27,812	213,836	$158	$21	3,126	24,023
Subtotal: C&I	**2,916**	**43,746**	**5,364**	**78,812**	**116,100**	**1,079,908**	**$168**	**$18**	**13,029**	**121,063**
Demand Response										
Demand Response - Res	-	-	-	-	-	-	$ -	$ -	-	-
Demand Response - C&I	-	-	-	-	-	-	$ -	$ -	-	-
Subtotal: Demand Response	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
Subtotal: Other	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
TOTAL	**249,721**	**4,580,835**	**77,337**	**1,386,205**	**182,853**	**2,049,333**	**$221**	**$20**	**19,941**	**218,350**

Table B – United Illuminating Electric Costs and Benefits (2024)

2024 United Illuminating	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
Retail Products	$1,099	$1,099	$4,788	3,566	5,859	5,859	3.24	5.33	1.22	50,164	Bulbs, Fixtures
New Construction	$616	$616	$3,078	1,932	3,205	3,205	3.13	5.20	1.04	746	No. of Units
HES	$2,463	$4,349	$5,213	1,799	8,860	9,802	0.73	2.04	1.88	9,173	No. of Ptcps.
HVAC & Water Heating Equipment	$1,304	$2,380	$10,199	117	18,217	18,217	0.09	7.65	1.79	19,528	No. of Ptcps.
HES-Income Eligible	$2,201	$4,752	$4,752	364	4,712	6,651	0.17	0.99	1.40	4,352	Customers
Behavior	$218	$218	$218	395	633	633	1.81	2.90	2.90	31,587	Customers
Subtotal Residential	**$7,901**	**$13,415**	**$28,248**	**8,172**	**41,485**	**44,367**	**1.03**	**3.09**	**1.57**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$4,280	$4,280	$7,965	10,302	14,895	14,895	2.41	3.48	1.87	129	Projects
Energy Opportunities	$8,010	$8,010	$14,636	9,234	13,504	13,504	1.15	1.69	0.92	566	Projects
BES	$995	$995	$1,710	2,037	2,908	2,908	2.05	2.92	1.70	80	Projects
Small Business	$3,817	$3,817	$8,046	5,738	8,284	8,284	1.50	2.17	1.03	225	Projects
Subtotal C&I	**$17,103**	**$17,103**	**$32,356**	**27,311**	**39,591**	**39,591**	**1.60**	**2.31**	**1.22**	-	-
Demand Response											
Demand Response – Residential	$834	$834	$834	$1,375	$1,375	$1,375	1.65	1.65	1.65	8,374	No. of Ptcps.
Demand Response - C&I	$591	$591	$591	$905	$905	$905	1.53	1.53	1.53	61	New Ptcps.
Subtotal Demand Response	**$1,425**	**$1,425**	**$1,425**	**$2,281**	**$2,281**	**$2,281**	-	-	-	-	-
Subtotal Other	**$4,734**	**$4,734**	**$4,734**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$31,163**	**$36,677**	**$66,763**	**37,764**	**83,357**	**86,239**	**1.21**	**2.27**	**1.29**	-	-

Table B – United Illuminating Electric Costs and Benefits (2024) (continued)

2024 United Illuminating Electric	Electric Savings			Electric Cost Rates			
	Annual Savings (MWh)	Lifetime Savings (MWh)	Peak kW Impact (Y/E)	Electric Cost Rate $/kWh Annualized	Electric Cost Ratio $/LT-kWh	Electric Demand Cost $/kW	Electric Demand Cost $/kW-yr
Residential							
Retail Products	3,951	35,030	306	$0.278	$0.031	$3,598	$406
New Construction	410	10,260	259	$1.502	$0.060	$2,381	$95
Home Energy Solutions	1,005	12,570	250	$2.449	$0.196	$9,861	$789
HVAC & Water Heating Equipment	(80)	(5,080)	168	($16.381)	($0.257)	$7,737	$121
HES-Income Eligible	209	3,943	23	$10.549	$0.558	$96,821	$5,122
Behavior	2,022	4,043	-	$0.108	$0.054	$ -	$ -
Subtotal Residential	**7,517**	**60,766**	**1,005**	**$1.051**	**$0.130**	**$7,858**	**$972**
Commercial & Industrial							
Energy Conscious Blueprint	7,259	104,061	868	$0.590	$0.041	$4,934	$344
Energy Opportunities	11,568	87,138	924	$0.692	$0.092	$8,665	$1,150
BES	2,321	17,577	331	$0.429	$0.057	$3,011	$398
Small Business	6,716	51,607	733	$0.568	$0.074	$5,209	$678
Subtotal C&I	**27,865**	**260,384**	**2,855**	**$0.614**	**$0.066**	**$5,990**	**$641**
Demand Response							
Demand Response - Residential	-	-	6,699	$ -	$ -	$6,699	$6,699
Demand Response - C&I	-	-	5,358	$ -	$ -	$5,358	$5,358
Subtotal Demand Response	**-**	**-**	12,058	**$ -**	**$ -**	**$ -**	**$ -**
Subtotal Other	**-**	**-**	**-**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL	**35,382**	**321,150**	**15,918**	**$0.881**	**$0.097**	**$1,958**	**$216**

2024 United Illuminating Electric	Oil/Propane Savings				MMBtu Savings				Emissions Savings	
	Annual Oil Savings (Gal)	Lifetime Oil Savings (Gal)	Annual Propane Savings (Gal)	Lifetime Propane Savings (Gal)	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential										
Retail Products	2,831	31,138	8,178	89,954	15,291	139,438	$72	$8	1,670	15,136
New Construction	-	-	9,307	232,674	2,251	56,267	$274	$11	234	5,841
Home Energy Solutions	70,280	1,348,229	1,122	22,165	12,603	227,466	$345	$19	1,321	23,381
HVAC & Water Heating Equipment	155,156	2,579,272	64,125	1,134,428	28,799	480,491	$83	$5	2,768	45,732
HES-Income Eligible	39,625	789,602	4,296	86,245	6,600	130,844	$720	$36	665	13,169
Behavior	-	-	-	-	6,900	13,799	$32	$16	776	1,551
Subtotal: Residential	**267,891**	**4,748,240**	**87,028**	**1,565,467**	**72,443**	**1,048,306**	**$185**	**$13**	**7,433**	**104,809**
Commercial & Industrial										
Energy Conscious Blueprint	2,774	41,609	4,212	63,186	25,723	369,380	$166	$12	2,871	41,211
Energy Opportunities	-	-	558	5,577	39,534	297,913	$203	$27	4,443	33,477
BES	-	-	-	-	7,923	59,991	$126	$17	891	6,744
Small Business	-	-	378	6,804	22,957	176,757	$166	$22	2,580	19,855
Subtotal: C&I	**2,774**	**41,609**	**5,148**	**75,567**	**96,137**	**904,041**	**$178**	**$19**	**10,784**	**101,287**
Demand Response										
Demand Response - Res	-	-	-	-	-	-	$ -	$ -	-	-
Demand Response - C&I	-	-	-	-	-	-	$ -	$ -	-	-
Subtotal: Demand Response	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
Subtotal: Other	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
TOTAL	**270,665**	**4,789,849**	**92,176**	**1,641,034**	**168,580**	**1,952,347**	**$218**	**$19**	**18,217**	**206,096**

Table C – United Illuminating Electric Energy Efficiency Budget Details (2023)

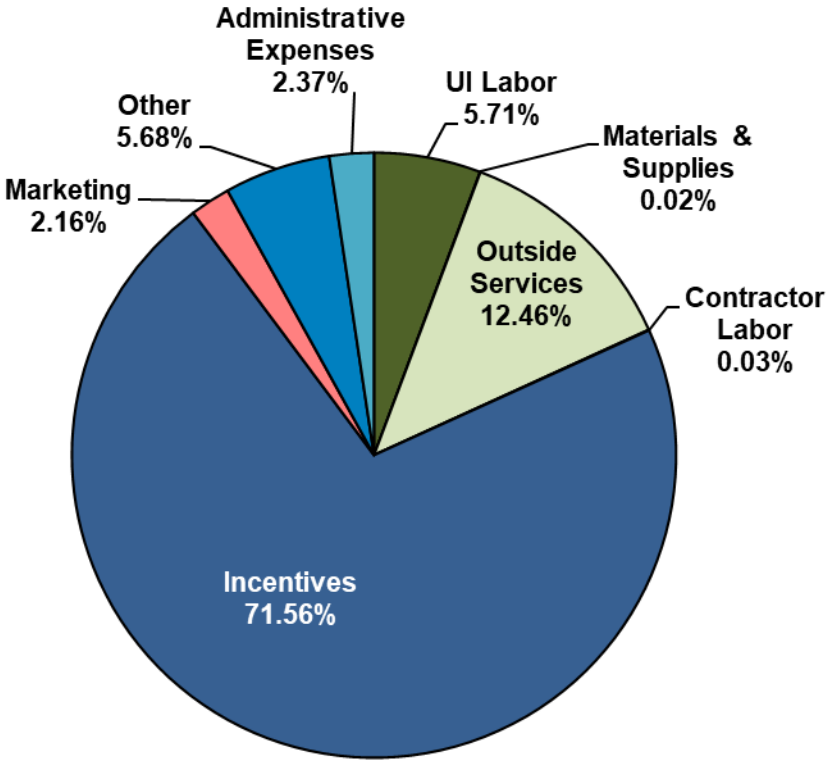
Table C
United Illuminating 2023 EE Budget Details

United Illuminating EE BUDGET ($000)	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential Retail Products	$23,081	$ -	$187,989	$ -	$757,000	$25,817	$5,000	$3,000	$1,001,887
Residential New Construction	$18,882	$ -	$6,457	$ -	$513,795	$15,349	$4,000	$3,158	$561,642
Home Energy Solutions	$101,897	$ -	$560,000	$ -	$4,099,497	$149,056	$12,000	$16,000	$4,938,451
HVAC & Water Heating Equipment	$61,994	$ -	$319,000	$ -	$2,246,856	$22,608	$767	$3,000	$2,654,225
HES-Income Eligible	$136,653	$ -	$259,881	$ -	$4,736,631	$200,000	$40,000	$8,500	$5,381,665
Residential Behavior	$8,851	$ -	$160,164	$ -	$ -	$3,895	$17,000	$1,077	$190,987
Subtotal: Residential EE Portfolio	**$351,359**	**$ -**	**$1,493,492**	**$ -**	**$12,353,780**	**$416,724**	**$78,767**	**$34,735**	**$14,728,857**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$284,580	$500	$163,319	$ -	$4,131,587	$77,922	$10,000	$60,000	$4,727,909
Energy Opportunities	$511,486	$3,500	$552,662	$ -	$7,560,871	$114,223	$60,000	$196,757	$8,999,498
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$75,730	$200	$160,000	$ -	$1,052,332	$27,970	$4,000	$12,500	$1,332,732
Small Business	$249,760	$1,000	$160,000	$ -	$3,384,132	$95,400	$12,500	$490,000	$4,392,792
Subtotal: C&I EE Portfolio	**$1,121,556**	**$5,200**	**$1,035,981**	**$ -**	**$16,128,921**	**$315,515**	**$86,500**	**$759,257**	**$19,452,931**
OTHER - LOAD MANAGEMENT									
Residential Demand Response	$111,097	$ -	$384,200	$ -	$270,000	$ -	$ -	$ -	$765,297
C&I Demand Response	$60,439	$ -	$340,000	$ -	$190,575	$ -	$ -	$ -	$591,014
Subtotal: Load Management	**$171,536**	**$ -**	**$724,200**	**$ -**	**$460,575**	**$ -**	**$ -**	**$ -**	**$1,356,311**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$41,648	$3,572	$88,671	$13,064	$4,074	$4,971	$20,419	$7,581	$184,000
Workforce Development	$44,907	$ -	$153,493	$ -	$ -	$ -	$ -	$ -	$198,400
Community Outreach	$43,458	$1,190	$124,323	$ -	$ -	$15,151	$7,525	$353	$192,000
Customer Engagement Initiative	$18,108	$133	$59,014	$ -	$ -	$763	$1,774	$210	$80,000
Subtotal: Education & Engagement	**$148,121**	**$4,895**	**$425,501**	**$13,064**	**$4,074**	**$20,885**	**$29,717**	**$8,144**	**$654,401**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (includes ECLF and OBR)	$44,629	$ -	$ -	$ -	$ -	$ -	$102,109	$ -	$146,738
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$85,000	$ -	$85,000
Research, Development & Demonstration	$ -	$ -	$151,250	$ -	$ -	$ -	$ -	$ -	$151,250
Subtotal: Programs/ Requirements	**$44,629**	**$ -**	**$151,250**	**$ -**	**$ -**	**$ -**	**$187,109**	**$ -**	**$382,988**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$157,952	$ -	$1,000	$ -	$ -	$ -	$ -	$21,720	$180,673
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$121,400	$ -	$ -	$121,400
Planning	$157,522	$ -	$32,271	$ -	$ -	$ -	$ -	$4,250	$194,043
Evaluation Measurement and Verification	$ -	$ -	$720,000	$ -	$ -	$ -	$ -	$ -	$720,000
Evaluation Administrator	$ -	$ -	$71,057	$ -	$ -	$ -	$ -	$ -	$71,057
Information Technology	$157,522	$ -	$227,593	$ -	$ -	$ -	$ -	$132,260	$517,375
Energy Efficiency Board Consultants	$ -	$ -	$132,559	$ -	$ -	$ -	$ -	$ -	$132,559
Audits - Financial and Operational	$ -	$ -	$24,000	$ -	$ -	$ -	$ -	$ -	$24,000
Performance Management Incentive (PMI)	$ -	$ -	$ -	$ -	$ -	$ -	$1,915,449	$ -	$1,915,449
Subtotal: Admin/Planning Expenditures	**$472,996**	**$ -**	**$1,208,480**	**$ -**	**$ -**	**$121,400**	**$1,915,449**	**$158,230**	**$3,876,556**
TOTAL BUDGET	**$2,310,197**	**$10,095**	**$5,038,904**	**$13,064**	**$28,947,350**	**$874,524**	**$2,297,542**	**$960,366**	**$40,452,043**

United Illuminating Electric Table C Pie Chart (2023)

THE UNITED ILLUMINATING COMPANY

2023 ENERGY EFFICIENCY
EE BUDGET BY EXPENSE CLASS



Expense Classes	Budget	% of Budget
Labor	$ 2,310,197	5.71%
Materials & Supplies	$ 10,095	0.02%
Outside Services	$ 5,038,904	12.46%
Contractor Labor	$ 13,064	0.03%
Incentives	$ 28,947,350	71.56%
Marketing	$ 874,524	2.16%
Other	$ 2,297,542	5.68%
Administrative Expenses	$ 960,366	2.37%
Total	**$ 40,452,043**	**100.00%**

Totals may vary due to rounding.

Table C – United Illuminating Electric Energy Efficiency Budget Details (2024)

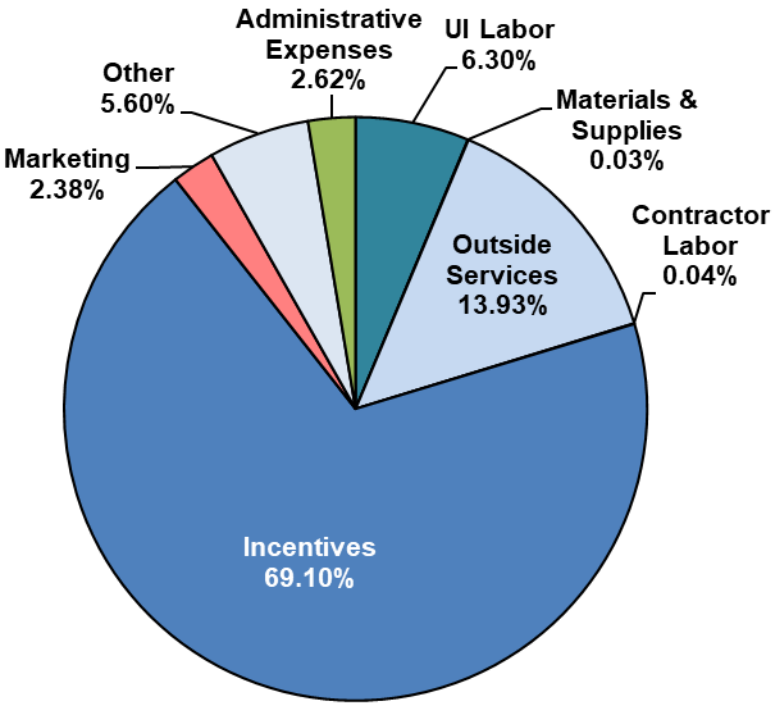
Table C
United Illuminating 2024 EE Budget Details

United Illuminating EE BUDGET ($000)	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential Retail Products	$23,081	$ -	$187,989	$ -	$854,592	$25,817	$5,000	$3,000	$1,099,479
Residential New Construction	$18,882	$ -	$6,457	$ -	$568,504	$15,349	$4,000	$3,158	$616,350
Home Energy Solutions	$101,897	$ -	$560,000	$ -	$3,509,567	$149,056	$12,000	$16,000	$4,348,520
HVAC & Water Heating Equipment	$61,994	$ -	$279,000	$ -	$2,012,837	$22,608	$767	$3,000	$2,380,206
HES-Income Eligible	$136,653	$ -	$259,881	$ -	$4,106,964	$200,000	$40,000	$8,500	$4,751,998
Residential Behavior	$8,851	$ -	$187,610	$ -	$ -	$3,895	$17,000	$1,077	$218,433
Subtotal: Residential EE Portfolio	**$351,359**	**$ -**	**$1,480,937**	**$ -**	**$11,052,463**	**$416,724**	**$78,767**	**$34,735**	**$13,414,986**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$284,580	$500	$163,319	$ -	$3,684,151	$77,922	$10,000	$60,000	$4,280,473
Energy Opportunities	$511,486	$3,500	$552,662	$ -	$6,625,964	$114,223	$5,000	$196,757	$8,009,592
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$75,730	$200	$160,000	$ -	$714,939	$27,970	$4,000	$12,500	$995,340
Small Business	$249,760	$1,000	$160,000	$ -	$2,818,775	$95,400	$2,500	$490,000	$3,817,435
Subtotal: C&I EE Portfolio	**$1,121,556**	**$5,200**	**$1,035,981**	$ -	**$13,843,830**	**$315,515**	**$21,500**	**$759,257**	**$17,102,840**
OTHER - LOAD MANAGEMENT									
Residential Demand Response	$111,097	$ -	$468,668	$ -	$253,823	$ -	$ -	$ -	$833,588
C&I Demand Response	$60,439	$ -	$340,000	$ -	$190,575	$ -	$ -	$ -	$591,014
Subtotal: Load Management	**$171,536**	$ -	**$808,668**	$ -	**$444,398**	$ -	$ -	$ -	**$1,424,602**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$41,648	$3,572	$88,671	$13,064	$4,074	$4,971	$20,419	$7,581	$184,000
Workforce Development	$44,907	$ -	$153,493	$ -	$ -	$ -	$ -	$ -	$198,400
Community Outreach	$43,458	$1,190	$124,323	$ -	$ -	$15,151	$7,525	$353	$192,000
Customer Engagement Initiative	$18,108	$133	$59,014	$ -	$ -	$763	$1,774	$210	$80,000
Subtotal: Education & Engagement	**$148,121**	**$4,895**	**$425,501**	**$13,064**	**$4,074**	**$20,885**	**$29,717**	**$8,144**	**$654,401**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (includes ECLF and OBR)	$44,629	$ -	$ -	$ -	$ -	$ -	$102,109	$ -	$146,738
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$85,000	$ -	$85,000
Research, Development & Demonstration	$ -	$ -	$151,250	$ -	$ -	$ -	$ -	$ -	$151,250
Subtotal: Programs/ Requirements	**$44,629**	$ -	**$151,250**	$ -	$ -	$ -	**$187,109**	$ -	**$382,988**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$157,953	$ -	$1,000	$ -	$ -	$ -	$ -	$21,720	$180,674
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$121,400	$ -	$ -	$121,400
Planning	$157,522	$ -	$32,271	$ -	$ -	$ -	$ -	$4,250	$194,043
Evaluation Measurement and Verification	$ -	$ -	$720,000	$ -	$ -	$ -	$ -	$ -	$720,000
Evaluation Administrator	$ -	$ -	$71,057	$ -	$ -	$ -	$ -	$ -	$71,057
Information Technology	$157,522	$ -	$227,593	$ -	$ -	$ -	$ -	$132,260	$517,375
Energy Efficiency Board Consultants	$ -	$ -	$132,559	$ -	$ -	$ -	$ -	$ -	$132,559
Audits - Financial and Operational	$ -	$ -	$24,000	$ -	$ -	$ -	$ -	$ -	$24,000
Performance Management Incentive (PMI)	$ -	$ -	$ -	$ -	$ -	$ -	$1,735,665	$ -	$1,735,665
Subtotal: Admin/Planning Expenditures	**$472,997**	$ -	**$1,208,480**	$ -	$ -	**$121,400**	**$1,735,665**	**$158,230**	**$3,696,773**
TOTAL BUDGET	**$2,310,198**	**$10,095**	**$5,110,817**	**$13,064**	**$25,344,765**	**$874,524**	**$2,052,759**	**$960,366**	**$36,676,590**

United Illuminating Electric Table C Pie Chart (2024)

THE UNITED ILLUMINATING COMPANY

2024 ENERGY EFFICIENCY
EE BUDGET BY EXPENSE CLASS



Expense Classes	Budget	% of Budget
Labor	$2,310,198	6.30%
Materials & Supplies	$10,095	0.03%
Outside Services	$5,110,817	13.93%
Contractor Labor	$13,064	0.04%
Incentives	$25,344,765	69.10%
Marketing	$874,524	2.38%
Other	$2,052,759	5.60%
Administrative Expenses	$960,366	2.62%
Total	**$ 36,676,590**	**100.00%**

Totals may vary due to rounding.

Table D – United Illuminating Electric Historical and Projected ($) (2014-2025)

Table D: United Illuminating Electric Historical and Projected $

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual
RESIDENTIAL						
Residential Retail Products	$3,908	$3,368	$4,422	$4,091	$1,070	$2,060
Residential New Construction	$257	$285	$497	$481	($36)	$795
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$4,591	$3,710	$3,256	$3,154	$2,117	$2,815
HVAC & Water Heating Equipment	$ -	$ -	$1,016	$1,120	$1,229	$1,651
HES-Income Eligible	$3,897	$3,319	$3,808	$3,770	$2,732	$4,181
Residential Behavior	$137	$710	$489	$72	$ -	$32
Subtotal: Residential EE Portfolio	**$12,790**	**$11,392**	**$13,488**	**$12,688**	**$7,112**	**$11,533**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$3,960	$2,687	$3,091	$2,280	$1,721	$4,622
Energy Opportunities	$7,261	$9,501	$11,003	$9,622	$4,208	$6,213
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$653	$731	$503	$541	$358	$720
Small Business	$2,553	$3,548	$3,349	$4,430	$2,285	$2,298
Subtotal: C&I EE Portfolio	**$14,427**	**$16,467**	**$17,946**	**$16,873**	**$8,572**	**$13,854**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$ -	$ -	$339	$644	$558	$853
C&I Demand Response	$ -	$ -	$ -	$18	$158	$80
Subtotal: Load Management	**$ -**	**$ -**	**$339**	**$662**	**$716**	**$933**
OTHER - EDUCATION						
Comm. Outreach (Educate Public 2016-2021)	$ -	$ -	$564	$542	$294	$290
Customer Engagement Initiative (Customer Engagement 2014 to 2021)	$ -	$ -	$137	$20	$8	$58
Energy Education (Educate Students 2016- 2021)	$ -	$ -	$127	$203	$83	$109
Workforce Dev. (Educate Workforce 2016-2021)	$ -	$ -	$76	$54	$36	$0
SmartLiving Center® - Museum Partnerships	$1,095	$513	$ -	$ -	$ -	$ -
EE Smarts/K-12 Education	$304	$322	$ -	$ -	$ -	$ -
Clean Energy Communities / Behavior Pilot	$360	$492	$ -	$ -	$ -	$ -
Subtotal: Education & Engagement	**$1,759**	**$1,327**	**$904**	**$819**	**$421**	**$458**
OTHER -PROGRAMS/REQUIREMENTS						
Residential Financing Support	$920	$596	$249	$208	$74	$72
C&I Financing Support	$ -	$ -	$87	$98	$0	$ -
Research, Development & Demonstration	$59	$9	$74	$185	$80	$49
Institute for Sustainable Energy (ECSU) *(moved to Educate the Workforce)*	$90	$99	$ -	$ -	$ -	$ -
ESPC Project Manager - Lead By Example	$17	$7	$ -	$ -	$ -	$ -
C&I Loan Program	$16	$34	$ -	$ -	$ -	$ -
EE Loan Defaults	$ -	$1	$ -	$ -	$ -	$ -
C&I Self-Funding	$1,000	$ -	$ -	$ -	$ -	$ -
Subtotal: Other Programs/Requirements	**$2,101**	**$746**	**$410**	**$491**	**$155**	**$121**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$648	$532	$475	$551	$378	$255
Marketing Plan	$247	$249	$227	$175	$73	$43
Planning	$314	$214	$315	$283	$205	$125
Evaluation Measurement and Verification	$486	$642	$480	$494	$256	$256
Evaluation Administrator	$46	$52	$48	$34	$45	$45
Information Technology	$192	$308	$402	$273	$335	$231
Energy Efficiency Board Consultants	$287	$54	$208	$208	$76	$74
Audits - Financial and Operational	$ -	$ -	$ -	$24	$12	$24
Performance Management Incentive (PMI)	$1,743	$1,821	$2,353	$2,370	$1,321	$1,904
Subtotal: Admin/Planning Expenditures	**$3,963**	**$3,872**	**$4,508**	**$4,412**	**$2,700**	**$2,957**
TOTAL	**$35,041**	**$33,804**	**$37,595**	**$35,945**	**$19,676**	**$29,857**

Table D – United Illuminating Electric Historical and Projected ($) (2014-2025)(continued)

Table D: United Illuminating Electric Historical and Projected $

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget	2025 Budget
RESIDENTIAL						
Residential Retail Products	$2,795	$1,959	$1,231	$1,002	$1,099	$1,094
Residential New Construction	$423	$770	$496	$562	$616	$613
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$3,522	$6,327	$5,101	$4,938	$4,349	$4,336
HVAC & Water Heating Equipment	$1,323	$2,249	$2,238	$2,654	$2,380	$2,367
HES-Income Eligible	$2,076	$4,957	$4,463	$5,382	$4,752	$4,727
Residential Behavior	$193	$69	$179	$191	$218	$217
Subtotal: Residential EE Portfolio	**$10,333**	**$16,331**	**$13,708**	**$14,729**	**$13,415**	**$13,354**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$2,904	$7,917	$2,473	$4,728	$4,280	$4,258
Energy Opportunities	$12,358	$5,802	$6,207	$8,999	$8,010	$8,469
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$826	$433	$985	$1,333	$995	$989
Small Business	$3,914	$6,996	$1,947	$4,393	$3,817	$3,796
Subtotal: C&I EE Portfolio	**$20,001**	**$21,148**	**$11,611**	**$19,453**	**$17,103**	**$17,511**
OTHER - LOAD MANAGEMENT						
Residential Demand Response	$417	$610	$827	$765	$834	$834
C&I Demand Response	$104	$175	$360	$591	$591	$591
Subtotal: Load Management	**$521**	**$785**	**$1,187**	**$1,356**	**$1,425**	**$1,425**
OTHER - EDUCATION						
Comm. Outreach (Educate Public 2016-2021)	$112	$129	$135	$184	$184	$184
Customer Engagement Initiative (Customer Engagement 2014 to 2021)	$78	$101	$108	$198	$198	$198
Energy Education (Educate Students 2016- 2021)	$174	$107	$90	$192	$192	$192
Workforce Dev. (Educate Workforce 2016-2021)	$ -	$ -	$17	$80	$80	$80
SmartLiving Center® - Museum Partnerships	$ -	$ -	$ -	$ -	$ -	$ -
EE Smarts/K-12 Education	$ -	$ -	$ -	$ -	$ -	$ -
Clean Energy Communities / Behavior Pilot	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Education & Engagement	**$364**	**$337**	**$350**	**$654**	**$654**	**$654**
OTHER -PROGRAMS/REQUIREMENTS						
Residential Financing Support	$157	$29	$197	$147	$147	$147
C&I Financing Support	$ -	$ -	$ -	$85	$85	$85
Research, Development & Demonstration	$26	$7	$ -	$ -	$ -	$ -
Institute for Sustainable Energy (ECSU) *(moved to Educate the Workforce)*	$ -	$ -	$141	$151	$151	$151
ESPC Project Manager - Lead By Example	$ -	$ -	$ -	$ -	$ -	$ -
C&I Loan Program	$ -	$ -	$ -	$ -	$ -	$ -
EE Loan Defaults	$ -	$ -	$ -	$ -	$ -	$ -
C&I Self-Funding	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Other Programs/Requirements	**$183**	**$36**	**$ -**	**$ -**	**$ -**	**$ -**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$250	$90	$487	$181	$181	$181
Marketing Plan	$17	$176	$114	$121	$121	$121
Planning	$227	$333	$517	$194	$194	$194
Evaluation Measurement and Verification	$478	$480	$720	$720	$720	$720
Evaluation Administrator	$52	$53	$130	$71	$71	$71
Information Technology	$156	$692	$1,038	$517	$517	$517
Energy Efficiency Board Consultants	$104	$104	$128	$133	$133	$133
Audits - Financial and Operational	$4	$24	$24	$24	$24	$24
Performance Management Incentive (PMI)	$993	$2,459	$1,650	$1,915	$1,736	$1,753
Subtotal: Admin/Planning Expenditures	**$2,282**	**$4,411**	**$4,808**	**$3,877**	**$3,697**	**$3,714**
TOTAL	**$33,684**	**$43,048**	**$32,002**	**$40,452**	**$36,677**	**$37,042**

Table D1 – United Illuminating Electric Historical and Projected (kW)(2014-2024)

Table D1
United Illuminating Electric Historical and Projected kW

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	1,907	2,757	3,180	3,365	610	1,569	1,834	804	873	324	306
Residential New Construction	130	75	140	58	42	122	47	207	246	233	259
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	783	537	551	561	273	691	595	705	390	292	250
HVAC & Water Heating Equipment	-	-	86	97	78	271	343	418	425	152	168
HES-Income Eligible	268	192	427	542	108	366	77	230	195	86	23
Residential Behavior	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Residential EE Portfolio	**3,088**	**3,561**	**4,384**	**4,623**	**1,110**	**3,019**	**2,896**	**2,364**	**2,129**	**1,088**	**1,005**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	1,344	1,414	1,567	992	386	1,948	757	1,086	548	1,018	868
Energy Opportunities	2,171	4,331	3,830	4,348	1,347	2,942	3,422	4,104	3,623	1,083	924
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	93	153	113	7	27	-	-	6	233	618	331
Small Business	587	1,176	1,238	1,316	515	498	553	1,223	946	888	733
Subtotal: C&I EE Portfolio	**4,195**	**7,074**	**6,748**	**6,663**	**2,276**	**5,388**	**4,732**	**6,419**	**5,350**	**3,608**	**2,855**
OTHER - LOAD MANAGEMENT											
Demand Response - Res	-	-	-	-	-	-	2,218	3,090	4,920	5,683	6,699
Demand Response – C&I	-	-	-	-	-	-	266	546	1,024	3,812	5,358
Subtotal: Load Management	**-**	**-**	**-**	**-**	**-**	**-**	**2,484**	**3,636**	**5,944**	**9,494**	**12,058**
TOTAL	**7,283**	**10,635**	**11,132**	**11,286**	**3,386**	**8,407**	**10,112**	**12,419**	**13,423**	**14,190**	**15,918**

Table D2 – United Illuminating Electric Historical and Projected Annual kWh (000s)(2014-2024)

Table D2
United Illuminating Electric Historical and Projected Annual kWh (000s)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	21,900	22,493	25,732	27,168	3,510	11,254	9,882	5,833	6,664	3,322	3,951
Residential New Construction	203	145	405	231	210	496	304	1,309	1,481	362	410
Home Energy Solutions	4,492	3,207	2,635	2,789	2,721	2,983	1,580	2,272	1,083	1,174	1,005
HVAC & Water Heating Equipment	-	-	1,948	2,032	1,367	1,335	649	940	3,860	(63)	(80)
HES-Income Eligible	3,754	1,994	4,450	3,765	3,648	4,226	1,270	5,326	2,177	565	209
Residential Behavior	-	4,204	4,265	3,396	-	-	-	593	1,775	2,128	2,022
Subtotal: Residential EE Portfolio	**30,349**	**32,043**	**39,435**	**39,381**	**11,456**	**20,294**	**13,685**	**16,273**	**17,040**	**7,487**	**7,517**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	12,505	7,942	10,688	5,660	5,821	16,558	4,550	6,049	4,054	8,472	7,259
Energy Opportunities	19,506	35,303	34,249	40,174	20,639	19,164	26,627	30,596	28,194	13,677	11,568
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	3,112	2,072	1,636	567	164	1,258	1,852	517	2,394	3,423	2,321
Small Business	7,114	8,297	8,053	8,847	6,238	3,532	3,135	6,276	5,357	8,139	6,716
Subtotal: C&I EE Portfolio	**42,237**	**53,614**	**54,626**	**55,248**	**32,862**	**40,512**	**36,164**	**43,438**	**39,999**	**33,711**	**27,865**
TOTAL	**72,586**	**85,657**	**94,061**	**94,629**	**44,318**	**60,806**	**49,849**	**59,711**	**57,038**	**41,198**	**35,382**

Table D3 – United Illuminating Electric Historical and Projected Lifetime kWh (000s)(2014-2024)

Table D3
United Illuminating Electric Historical and Projected Lifetime kWh

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	181,837	214,911	302,910	218,858	21,744	58,083	43,986	26,224	29,222	27,476	35,030
Residential New Construction	2,498	1,817	5,995	1,836	3,169	8,319	3,441	32,729	19,241	9,042	10,260
Home Energy Solutions	57,406	43,369	31,635	28,492	24,573	23,696	15,343	21,053	18,354	14,685	12,570
HVAC & Water Heating Equipment	-	-	26,930	26,354	24,042	22,619	10,468	16,100	67,470	(4,034)	(5,080)
HES-Income Eligible	50,273	24,573	58,090	42,317	40,013	45,338	18,007	38,556	29,042	4,929	3,943
Residential Behavior	-	10,931	11,088	8,830	-	-	-	1,186	3,550	4,256	4,043
Subtotal: Residential EE Portfolio	**292,014**	**295,601**	**436,648**	**326,687**	**113,541**	**158,055**	**91,245**	**135,848**	**166,879**	**56,354**	**60,766**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	195,048	121,435	160,561	89,308	98,486	264,135	66,080	87,976	52,997	121,478	104,061
Energy Opportunities	230,606	393,904	415,779	480,512	254,831	216,084	313,454	378,368	328,306	102,125	87,138
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	24,020	12,710	9,922	2,837	821	6,292	10,560	2,539	13,774	25,789	17,577
Small Business	88,661	103,281	100,003	110,908	78,121	42,728	37,734	76,825	65,669	62,471	51,607
Subtotal: C&I EE Portfolio	**538,335**	**631,330**	**686,265**	**683,565**	**432,259**	**529,239**	**427,828**	**545,707**	**460,746**	**311,863**	**260,384**
TOTAL	**830,349**	**926,931**	**1,122,913**	**1,010,252**	**545,800**	**687,294**	**519,073**	**681,555**	**627,625**	**368,217**	**321,150**

Table D4 – United Illuminating Electric Historical and Projected Units (2014-2024)

Table D4

United Illuminating Electric Historical and Projected Units

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	1,018,092	624,729	1,016,284	1,207,300	183,614	1,122,906	625,469	43,300	653,789	68,851	50,164
Residential New Construction	341	66	319	43	99	357	208	561	329	674	746
Home Energy Solutions	7,370	5,585	3,178	3,367	2,656	3,101	3,326	6,221	3,574	10,715	9,173
HVAC & Water Heating Equipment	-	-	5,100	4,140	5,995	8,326	14,091	3,498	18,538	15,508	19,528
HES-Income Eligible	4,948	2,783	2,475	3,827	2,607	1,539	1,263	5,023	2,110	5,088	4,352
Residential Behavior	-	54,304	44,439	60,868	-	-	-	16,143	15,546	33,250	31,587
Subtotal: Residential EE Portfolio	**1,030,751**	**687,467**	**1,071,795**	**1,279,545**	**194,971**	**1,136,229**	**644,357**	**74,746**	**693,886**	**134,085**	**115,550**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	264	208	342	316	221	486	298	733	412	145	129
Energy Opportunities	888	1,290	1,154	1,391	1,228	1,578	2,107	2,469	2,440	645	566
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	381	707	586	42	62	62	8	36	42	109	80
Small Business	404	357	355	369	223	158	135	275	270	258	225
Subtotal: C&I EE Portfolio	**1,937**	**2,562**	**2,437**	**2,118**	**1,734**	**2,284**	**2,548**	**3,513**	**3,164**	**1,158**	**1,000**
OTHER - LOAD MANAGEMENT											
Demand Response - Residential	-	-	-	-	-	-	2,579	4,853	6,215	7,103	8,374
Demand Response – C&I	-	-	-	-	-	-	3	7	29	43	61
Subtotal: Load Management	**-**	**-**	**-**	**-**	**-**	**-**	**2,582**	**4,860**	**6,244**	**7,147**	**8,435**
TOTAL	**1,032,688**	**690,029**	**1,074,232**	**1,281,663**	**196,705**	**1,138,513**	**649,487**	**83,119**	**703,294**	**142,390**	**124,985**

Table D5- United Illuminating Electric Historical and Cost per Projected kW

Table D5
United Illuminating Electric Historical and Cost per Projected kW

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$2,049	$1,222	$1,391	$1,216	$1,755	$1,313	$1,524	$2,437	$931	$3,726	$3,598
Residential New Construction	$1,977	$3,800	$3,550	$8,293	($843)	$6,514	$9,009	$3,721	$2,432	$2,902	$2,381
Home Energy Solutions	$5,863	$6,909	$5,909	$5,622	$7,750	$4,074	$5,919	$8,975	$5,804	$8,828	$9,861
HVAC & Water Heating Equipment	$ -	$ -	$11,814	$11,546	$15,822	$6,093	$3,856	$5,387	$5,969	$11,565	$7,737
HES-Income Eligible	$14,541	$17,286	$8,918	$6,956	$25,362	$11,423	$26,964	$21,597	$19,415	$26,777	$96,821
Residential Behavior	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Residential EE Portfolio	**$4,142**	**$3,199**	**$3,077**	**$2,745**	**$6,405**	**$3,820**	**$3,568**	**$6,911**	**$4,102**	**$8,058**	**$7,858**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$2,946	$1,900	$1,973	$2,298	$4,456	$2,373	$3,836	$7,290	$4,086	$4,642	$4,934
Energy Opportunities	$3,345	$2,194	$2,873	$2,213	$3,123	$2,112	$3,611	$1,414	$7,478	$8,310	$8,665
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$7,022	$4,778	$4,451	$77,286	$13,126	$ -	$ -	$78,737	$2,712	$2,156	$3,011
Small Business	$4,349	$3,017	$2,705	$3,366	$4,438	$4,615	$7,077	$5,721	$5,450	$4,945	$5,209
Subtotal: C&I EE Portfolio	**$3,439**	**$2,328**	**$2,659**	**$2,532**	**$3,767**	**$2,571**	**$4,227**	**$3,295**	**$2,170**	**$5,392**	**$5,990**
OTHER - LOAD MANAGEMENT											
Demand Response - Residential	$ -	$ -	$ -	$ -	$ -	$ -	$188	$197	$168	$135	$124
Demand Response – C&I	$ -	$ -	$ -	$ -	$ -	$ -	$390	$320	$352	$155	$110
Subtotal: Load Management	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$210**	**$216**	**$200**	**$143**	**$118**
TOTAL	**$3,737**	**$2,620**	**$2,854**	**$2,678**	**$4,843**	**$3,131**	**$3,051**	**$3,081**	**$1,975**	**$2,505**	**$2,007**

Table D6 - United Illuminating Electric Historical and Cost per Projected Annual kWh (2014-2024)

Table D6
United Illuminating Electric Historical and Cost per Projected Annual kWh

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$0.178	$0.150	$0.172	$0.151	$0.305	$0.183	$0.283	$0.336	$0.263	$0.364	$0.278
Residential New Construction	$1.266	$1.966	$1.227	$2.082	($0.169)	$1.602	$1.393	$0.588	$1.408	$1.872	$1.502
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$1.022	$1.157	$1.236	$1.131	$0.778	$0.944	$2.229	$2.785	$1.807	$2.192	$2.449
HVAC & Water Heating Equipment	$ -	$ -	$0.522	$0.551	$0.899	$1.237	$2.038	$2.392	$2.150	-$27.838	-$16.381
HES Income Eligible	$1.038	$1.664	$0.856	$1.001	$0.749	$0.989	$1.635	$0.931	$3.186	$4.097	$10.549
Residential Behavior	$ -	$0.169	$0.115	$0.021	$ -	$ -	$ -	$0.116	$0.126	$0.109	$0.108
Subtotal: Residential EE Portfolio	**$0.421**	**$0.356**	**$0.342**	**$0.322**	**$0.621**	**$0.183**	**$0.283**	**$1.004**	**$0.926**	**$1.170**	**$1.051**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.317	$0.338	$0.289	$0.403	$0.296	$0.279	$0.638	$1.309	$0.610	$0.558	$0.590
Energy Opportunities	$0.372	$0.269	$0.321	$0.240	$0.204	$0.324	$0.464	$0.190	$0.220	$0.658	$0.692
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	$0.210	$0.353	$0.307	$0.954	$2.180	$0.573	$0.446	$0.838	$0.411	$0.389	$0.429
Small Business	$0.359	$0.428	$0.416	$0.501	$0.366	$0.651	$1.248	$1.115	$0.363	$0.540	$0.568
Subtotal: C&I EE Portfolio	**$0.342**	**$0.307**	**$0.329**	**$0.305**	**$0.261**	**$0.342**	**$0.553**	**$0.487**	**$0.290**	**$0.577**	**$0.614**
TOTAL	**$0.375**	**$0.325**	**$0.334**	**$0.312**	**$0.354**	**$0.418**	**$0.609**	**$0.628**	**$0.444**	**$0.830**	**$0.863**

Table D7 - United Illuminating Electric Historical and Cost per Projected Lifetime kWh (2014-2024)

Table D7
United Illuminating Electric Historical and Cost per Projected Lifetime kWh

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential Retail Products	$1.564	$1.854	$0.738	$2.228	$0.338	$0.248	$0.812	$0.075	$0.042	$0.044	$0.031
Residential New Construction	$0.001	$0.001	$0.002	$0.002	($0.002)	$0.014	$0.010	$0.024	$0.056	$0.075	$0.060
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	$0.080	$0.086	$0.103	$0.111	$0.086	$0.119	$0.230	$0.301	$0.160	$0.175	$0.196
HVAC & Water Heating Equipment	$ -	$ -	$0.038	$0.042	$0.051	$0.073	$0.126	$0.140	$0.135	-$0.436	-$0.257
HES Income Eligible	$0.078	$0.135	$0.066	$0.089	$0.068	$0.092	$0.115	$0.129	$0.412	$0.470	$0.558
Residential Behavior	$ -	$0.065	$0.044	$0.008	$ -	$ -	$ -	$0.058	$0.063	$0.054	$0.054
Subtotal: Residential EE Portfolio	**$0.044**	**$0.039**	**$0.031**	**$0.039**	**$0.063**	**$0.073**	**$0.113**	**$0.120**	**$0.115**	**$0.156**	**$0.130**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.020	$0.022	$0.019	$0.026	$0.017	$0.018	$0.044	$0.090	$0.047	$0.039	$0.041
Energy Opportunities	$0.031	$0.024	$0.026	$0.020	$0.017	$0.029	$0.039	$0.015	$0.019	$0.088	$0.092
Business & Energy Sustainability (O&M, RCx, BSC, PRIME, CSP/SEM)	$0.027	$0.058	$0.051	$0.191	$0.436	$0.114	$0.078	$0.171	$0.072	$0.052	$0.057
Small Business	$0.029	$0.034	$0.033	$0.040	$0.029	$0.054	$0.104	$0.091	$0.030	$0.070	$0.074
Subtotal: C&I EE Portfolio	**$0.027**	**$0.026**	**$0.026**	**$0.025**	**$0.020**	**$0.026**	**$0.047**	**$0.039**	**$0.025**	**$0.062**	**$0.066**
TOTAL	**$0.033**	**$0.030**	**$0.028**	**$0.029**	**$0.029**	**$0.037**	**$0.058**	**$0.055**	**$0.040**	**$0.093**	**$0.095**

Table D8 – United Illuminating Electric Historical and Projected Annual MMBtu

Table D8
United Illuminating Electric Historical and Projected Annual MMBtu

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL						
Residential Retail Products	38,399	33,716	19,902	23,237	11,854	15,291
Residential New Construction	12,493	10,832	13,627	14,852	9,829	5,936
Home Energy Solutions (Core Services, HVAC, Duct Sealing through 2015)	70,861	58,209	121,002	83,928	38,273	37,733
HVAC & Water Heating Equipment	76,648	65,013	64,028	70,012	38,285	46,766
HES-Income Eligible	96,561	35,216	93,075	70,183	51,417	41,689
Residential Behavior	19,686	-	19,093	23,312	30,049	28,664
Subtotal: Residential EE Portfolio	**314,647**	**202,986**	**330,727**	**285,525**	**179,708**	**176,078**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	100,217	113,318	81,185	32,548	57,265	58,381
Energy Opportunities	149,139	168,822	136,277	120,305	75,929	74,375
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	53,944	42,734	32,585	52,594	42,254	45,892
Small Business	20,453	13,692	25,490	21,450	33,694	31,380
Subtotal: C&I EE Portfolio	**323,754**	**338,566**	**275,536**	**226,897**	**209,142**	**210,027**
TOTAL	**638,401**	**541,552**	**606,263**	**512,422**	**388,850**	**386,106**

Table D9 – United Illuminating Electric Historical and Projected Lifetime MMBtu

Table D9
United Illuminating Electric Historical and Projected Lifetime MMBtu

	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL						
Residential Retail Products	198,181	150,079	89,477	105,147	108,170	139,438
Residential New Construction	357,351	256,618	340,679	314,302	245,728	148,404
Home Energy Solutions	1,304,698	1,156,727	2,515,799	1,783,405	726,122	717,790
HVAC & Water Heating Equipment	1,480,320	1,221,008	1,257,396	1,227,532	688,939	838,748
HES-Income Eligible	1,912,108	724,956	1,491,273	1,360,119	1,050,087	852,291
Residential Behavior	41,340	-	38,186	46,624	60,099	57,328
Subtotal: Residential EE Portfolio	**5,293,997**	**3,509,388**	**5,732,812**	**4,837,129**	**2,879,144**	**2,753,999**
Commercial & Industrial						
Energy Conscious Blueprint	1,519,783	1,669,768	1,174,488	445,478	903,318	936,867
Energy Opportunities	1,535,463	1,948,068	1,683,713	1,456,851	631,639	634,256
Business & Energy Sustainability (O&M, RCx, PRIME, CSP/SEM)	277,679	237,137	179,600	301,121	298,117	323,553
Small Business	247,109	165,222	313,194	265,408	297,660	295,506
Subtotal: C&I EE Portfolio	**3,580,033**	**4,020,195**	**3,350,995**	**2,468,857**	**2,130,735**	**2,190,182**
TOTAL	**8,874,030**	**7,529,583**	**9,083,806**	**7,305,987**	**5,009,878**	**4,944,181**

United Illuminating Electric PMI (2023)

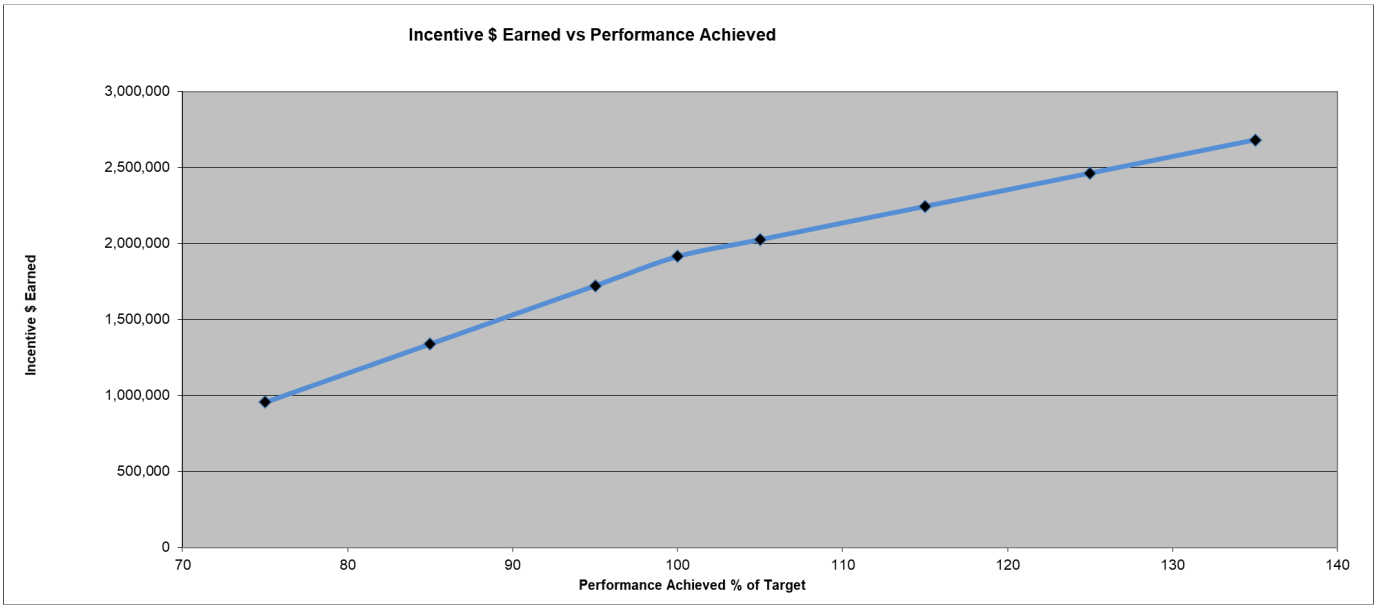
2023 Management Incentive Performance Indicators and Incentive Matrix

United Illuminating and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected United Illuminating Performance Incentive is **$1,915,449** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$38,308,978,** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration-

"Performance % Minimum"	Pre-tax %	Pre-tax Incentive
75	2.50%	**$957,724**
85	3.50%	$1,340,814
95	4.50%	$1,723,904
100	**5.00%**	**$1,915,449**
105	5.29%	$2,026,545
115	5.86%	$2,244,906
125	6.43%	$2,463,267
135	7.00%	$2,681,628

Maximum
Incentive Basis Budget $38,308,978
"Goals will be prorated based on actual over/under spend of budget. "



United Illuminating Electric PMI (2023) (continued)

Sector		Performance Indicators					Incentive Metrics			
Residential		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Residential Programs (Sector Level) Sector Budget	**$14,729**						Sum of CT Efficiency Test Benefit from Residential programs	CT Efficiency Test Benefit from Res programs	0.2099	**$402,053**
		Retail Products	27,476,026	324	15,372	74,151				
		New Construction	9,041,611	233	-	208,182				
		Home Energy Solutions	14,685,381	292	1,574,855	25,891		**$27,669,312**		
		HVAC	(4,033,972)	152	2,048,304	900,895				
		HES-Income Eligible	4,928,694	86	898,557	98,274				
		Behavior	4,256,000	-	-	-				
		Total	56,353,740	1,088	4,537,088.6	1,307,393.2				
		Savings Rate	$0.08198 /kWh	$2,956.99 /kW	$3.33	$3.62				
		Savings	$4,619,960	$3,217,201	$15,101,965	$4,730,186				
Net CT Efficiency Test Benefit - Res.		CT Efficiency Test Benefit less Program Costs		$12,940,455				**$12,940,455**	0.2099	**$402,053**
Residential Active Demand Response	**$765**	Residential ADR			5,683	kW				
		Residential ADR Savings	$1,114,665	Residential ADR Savings Rate	$201.43	$/kW	Residential DR Benefit	**$1,144,665**	0.0045	**$8,620**
Net CT Efficiency Test Benefit Residential Active Demand Response		System Benefit less Program Costs				**$379,368**	Net Benefit Residential DR	**$379,368**	0.0045	**$8,620**

United Illuminating Electric PMI (2023) (continued)

Sector	Performance Indicators					Incentive Metrics			
Residential	**$**	**LT-kWh**		**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions	**$4,938**	Electric Savings LTkWh:	14,685,381				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW :	292							
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (20.43*102%=20.84).					Increase in HES savings per ducted home	Achieve 20.84 MMBtu in HES per single-family ducted home savings across	0.0100	**$19,154**
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (15.80* 102%=16.12).					Increase in HES savings per non-ducted home	Achieve 16.12 MMBtu in HES per single-family non-ducted home savings across all fuels	0.0100	**$19,154**
		Number of HES homes that receive insulation rebates divided by the number of homes that receive the HES Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (18.3%+2%=20.3%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baselines will be calculated for Eversource and United Illuminating individually).					Increase homes being Weatherized	20.3% of homes that receive insulation rebates	0.0100	**$19,154**
Residential New Construction	**$562**	Electric Savings LTkWh :	9,041,611				Energy savings included in appropriate sector-level metric			
		Demand Savings kW:	233							
		Retain 50% of volume/production builders (defined as builders who have completed at least seven homes, statewide, in the Residential New Construction program over the last 3 years) for program year 2023. Retainment will be defined as those builders who enroll at least 1 all-electric home in Program Year 2023.					% Retention for 2023 Program Year	50% of volume/ production builder participants	0.0100	**$19,154**

United Illuminating Electric PMI (2023)(continued)

Sector	Performance Indicators		Incentive Metrics			
Residential	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions-Income Eligible	**$5,382**	Electric Savings LTkWh : **4,928,694** Demand Savings kW : **86**		Energy Savings included in appropriate sector-level metric		
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (19.77*102%=20.17).	Increase in HES-IE savings per ducted home	Achieve 20.17 MMBtu in HES-IE per single-family ducted home savings across all fuels	0.0100	**$19,154**
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (16.38*102%=16.71).	Increase in HES-IE savings per non-ducted home	Achieve 16.71 MMBtu in HES-IE per single-family non-ducted home savings across all fuels	0.0100	**$19,154**
		Number of HES-IE homes that receive insulation upgrades divided by the number of homes that receive the HES-IE Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (62.1%+2%=64.1%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baseline will be calculated with all the Companies together).	Increase in homes being weatherized	64.1% of homes that receive insulation upgrades	0.0100	**$19,154**
Equitable Distribution		The Companies will track the participation in 1-4-unit HES or HES-IE from January 1, 2023 through December 31, 2023 of all electric customers that are coded "hardship" (i.e., MPP, Eversource New Start and UI Forgiveness programs) at February 1, 2023 and achieve 2.3% participation (serving at least 804 customers). Hardship coded customers not previously served for 2023 metric is 34,966.	Achieve 2.3% participation serving at least 804 customers		0.0200	**$38,309**
Retail Products	**$1,002**	Electric Savings LTkWh: 27,476,026 Demand Savings kW: 324	Energy Savings included in appropriate sector-level metric			

United Illuminating Electric PMI (2023)(continued)

Sector		Performance Indicators					Incentive Metrics			
Commercial & Industrial		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
C&I Programs (Sector Level) Sector Budget	**$19,453**						Sum of CT Efficiency Test Benefit from C&I programs	CT Efficiency Test Benefit from C&I programs	0.1745	**$334,246**
		Energy Conscious Blueprint	121,477,691	1,018	-	66,431				
		Energy Opportunities	102,124,913	1,083	-	5,577				
		Business and Energy Sustainability	25,789,245	618	-	-		**$33,940,044**		
		Small Business	62,471,409	888	-	6,804				
		Total	**311,863,258**	**3,608**	**-**	**78,812**				
		Savings Rate	$0.08427 /kWh	$2,005.61 / kW	N./A	$3.69				
		Savings	$ 26,280,834	$ 7,236,236	$132,118	$290,856				
Net CT Efficiency Test Benefit – C&I		System Benefit less Program Costs				$14,487,113		**$14,487,113**	0.1745	**$334,246**
C&I Active Demand Response	**$359**	C&I ADR			3,812	kW				
		C&I ADR Savings	$631,760	C&I ADR Savings Rate	$165.75	$/kW	C&I DR Benefit	**$631,760**	0.0111	**$21,261**
Net CT Efficiency Test Benefit C&I Active Demand Response		System Benefit less Program Costs				$272,341.08	Net Benefit C&I DR	**$272,341**	0.0111	**$21,261**

United Illuminating Electric PMI (2023)(continued)

Sector	Performance Indicators		Incentive Metrics			
Commercial & Industrial	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Commercial & Industrial Retrofit (Energy Opportunities)	**$8,999**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (31%+5%=36%).	Continue to promote comprehensive projects	36% of all signed projects	0.0250	**$47,886**
Commercial & Industrial New Construction (Energy Conscious Blueprint)	**$4,728**	Number of C&I new construction/major renovation projects that utilize Path 1 or Path 2. Projects will count towards this KPI in the year they have a signed study agreement or LOA	Continue to advance projects that are more efficient than the State Energy Code	15% of signed projects	0.0200	**$38,309**
Small Business	**$4,393**	Electric Saving LT kWh: 62,471,409 Demand Saving kW: 888	Energy Savings included in appropriate sector-level metric			
		Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA or customer assessment within the current program year Based on Prior Year Actual results + 5% (22%+5%=27%).	Continue to promote comprehensive projects	27% of signed projects	0.0250	**$47,886**
Equitable Distribution		Fully executed project agreements for customers in Department of Economic and Community Development (DECD) Towns.	Continue to promote equity in the C&I sector	85 agreements in UI territory	0.0150	**$28,732**
Strategic Energy Management	**$1,154**	Eversource will engage 16 participants in the Strategic Energy Management (SEM) program and those participants will deliver a minimum of 400,000 kWh annual savings for SEM measures. *Participant includes a single customer site from a single customer participating as a cohort. ** Cohort participants may include individual customers with multiple sites.	Promote SEM Initiatives	4 CEE SEM Minimum Elements 400,000 kWh Savings	0.0150	**$28,732**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.	Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$19,154**
Total of Incentives					**1.0000**	**$1,915,449**

United Illuminating Electric PMI (2024)

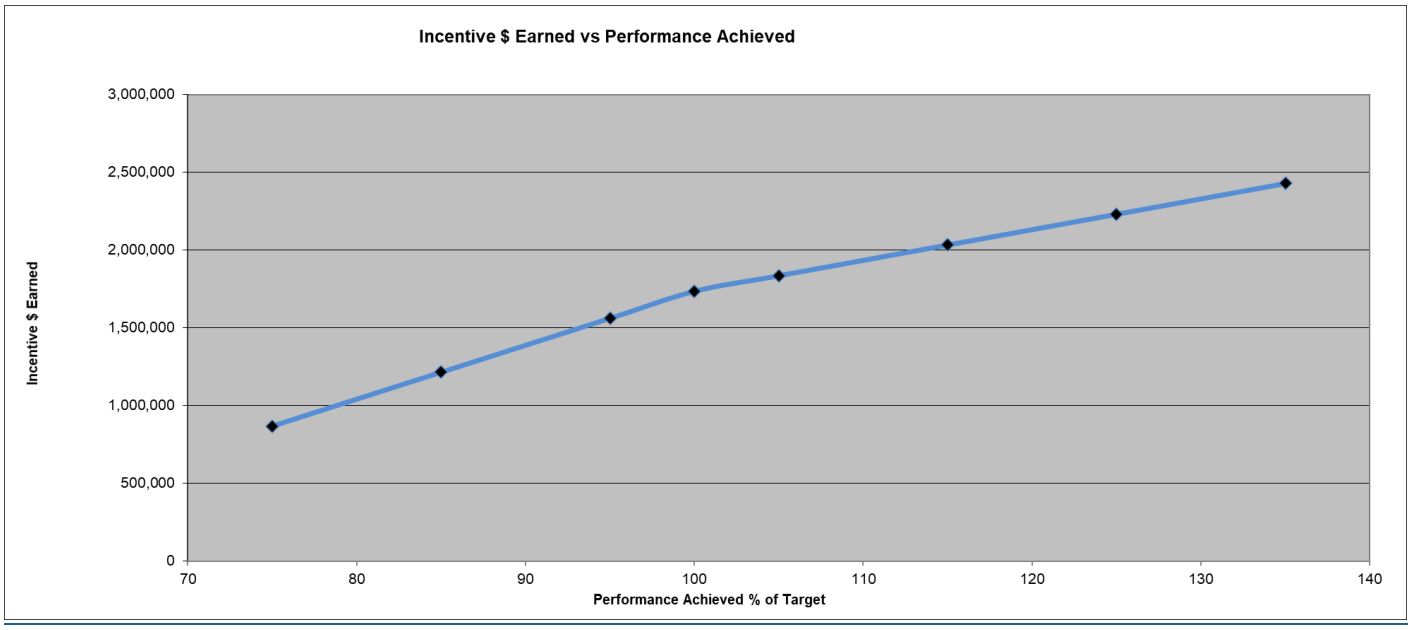
2024 Management Incentive Performance Indicators and Incentive Matrix

United Illuminating and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected United Illuminating Performance Incentive is **$1,735,665** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$34,713,308** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration-
"Performance %

Minimum"	**Pre-tax %**	**Pre-tax Incentive**
75	2.50%	$867,833
85	3.50%	$1,214,966
95	4.50%	$1,562,099
100	**5.00%**	**$1,735,665**
105	5.29%	$1,836,334
115	5.86%	$2,034,200
125	6.43%	$2,232,066
135	7.00%	$2,429,932

Maximum
Incentive Basis Budget **$34,713,308**
"Goals will be prorated based on actual over/under spend of budget. "



United Illuminating Electric PMI (2024) (continued)

Sector		Performance Indicators					Incentive Metrics			
Residential		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Residential Programs (Sector Level) Sector Budget	**$13,415**	Retail Products	35,030,320	306	31,138	89,954	Sum of CT Efficiency Test Benefit from Residential programs	CT Efficiency Test Benefit from Res programs	0.2099	**$364,316**
		Retail Products	35,030,320	306	31,138	89,954				
		New Construction	10,259,977	259	-	232,674				
		Home Energy Solutions	12,569,784	250	1,348,229	22,165				
		HVAC	(5,079,671)	168	2,579,272	1,134,428		**$30,386,725**		
		HES-Income Eligible	3,942,936	23	789,602	86,245				
		Behavior	4,043,136	-	-	-				
		Total	**60,766,482**	**1,005**	**4,748,240.2**	**1,565,467.4**				
		Savings Rate	$0.08079 /kWh	$3,236.05 /kW	$3.44	$3.75				
		Savings	$4,909,347	$3,252,231	$16,352,414	$5,872,733				
Net CT Efficiency Test Benefit - Res.		CT Efficiency Test Benefit less Program Costs		$16,971,739				**$16,971,739**	0.2099	**$364,316**
Residential Active Demand Response	**$834**	Residential ADR			6,699	kW				
		Residential ADR Savings	$1,375,250	Residential ADR Savings Rate	$205.29	$/kW	Residential DR Benefit	**$1,375,25**	0.0045	**$7,810**
Net CT Efficiency Test Benefit Residential Active Demand Response		System Benefit less Program Costs				**$541,662**	Net Benefit Residential DR	**$541,662**	0.0045	**$7,810**

United Illuminating Electric PMI (2024) (continued)

Sector	Performance Indicators					Incentive Metrics			
Residential	**$**	**LT-kWh**		**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions	**$4,349**	Electric Savings LTkWh:	12,569,784				Energy Savings included in appropriate sector-level metric			
		Demand Savings kW :	250							
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).					Increase in HES savings per ducted home	Achieve X MMBtu in HES per single-family ducted home savings across	0.0100	**$17,357**
		MMBtu per HES single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X * 102%).					Increase in HES savings per non-ducted home	Achieve X MMBtu in HES per single-family non-ducted home savings across all fuels	0.0100	**$17,357**
		Number of HES homes that receive insulation rebates divided by the number of homes that receive the HES Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (X%+2%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baselines will be calculated for Eversource and United Illuminating individually).					Increase homes being Weatherized	X% of homes that receive insulation rebates	0.0100	**$17,357**
Residential New Construction	**$616**	Electric Savings LTkWh :	10,259,977				Energy savings included in appropriate sector-level metric			
		Demand Savings kW:	259							
		Retain 50% of volume/production builders (defined as builders who have completed at least seven homes, statewide, in the Residential New Construction program over the last 3 years) for program year 2024. Retainment will be defined as those builders who enroll at least 1 all-electric home in Program Year 2024.					% Retention for 2024 Program Year	50% of volume/ production builder participants	0.0100	**$17,357**

United Illuminating Electric PMI (2024)(continued)

Sector	Performance Indicators		Incentive Metrics			
Residential	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Home Energy Solutions-Income Eligible	**$4,752**	Electric Savings LTkWh : **3,942,936** Demand Savings kW : **23**		Energy Savings included in appropriate sector-level metric		
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).	Increase in HES-IE savings per ducted home	Achieve X MMBtu in HES-IE per single-family ducted home savings across all fuels	0.0100	**$17,357**
		MMBtu per HES-IE single-family home (not including lighting) for Core Services where ductwork is not present that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).	Increase in HES-IE savings per non-ducted home	Achieve X MMBtu in HES-IE per single-family non-ducted home savings across all fuels	0.0100	**$17,357**
		Number of HES-IE homes that receive insulation upgrades divided by the number of homes that receive the HES-IE Assessments. Based on 2019 actuals for 2022, then based on the previous year's actuals thereafter plus 2.0% (X%+2%). (Baseline for 2022 will be 2019, for 2023 will be 2022 actuals, and for 2024 will be 2023 actuals. Baseline will be calculated with all the Companies together).	Increase in homes being weatherized	X% of homes that receive insulation upgrades	0.0100	**$17,357**
Equitable Distribution		The Companies will track the participation in 1-4-unit HES or HES-IE from January 1, 2024 through December 31, 2024 of all electric customers that are coded "hardship" (i.e., MPP, Eversource New Start and UI Forgiveness programs) at February 1, 2024 and achieve X% participation (serving at least XXX customers).	Achieve X% participation serving at least XXX customers		0.0200	**$34,713**
Retail Products	**$1,009**	Electric Savings LTkWh: 35,030,320 Demand Savings kW: 306	Energy Savings included in appropriate sector-level metric			

United Illuminating Electric PMI (2024)(continued)

Sector		Performance Indicators					Incentive Metrics			
Commercial & Industrial		**Program Name**	**LT-kWh**	**kW**	**LT Oil Gal**	**LT Prop Gal**	**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
C&I Programs (Sector Level) Sector Budget	**$17,103**	Energy Conscious Blueprint	104,060,645	868	-	63,186	Sum of CT Efficiency Test Benefit from C&I programs	CT Efficiency Test Benefit from C&I programs	0.1745	**$302,874**
		Energy Opportunities	87,138,449	924	-	5,577				
		Business and Energy Sustainability	17,577,315	331	-	-		**$27,711,530**		
		Small Business	51,607,288	733	-	6,804				
		Total	**260,383,698**	**2,855**	**-**	**75,567**				
		Savings Rate	$0.08347 /kWh	$1,953.5 / kW	N/A	$3.59				
		Savings	$21,733,550	$5,577,414	$129,395	$271,171				
Net CT Efficiency Test Benefit – C&I		System Benefit less Program Costs				$10,608,690		**$10,608,690**	0.1745	**$302,874**
C&I Active Demand Response	**$359**	C&I ADR			5,358	kW				
		C&I ADR Savings	$905,449	C&I ADR Savings Rate	$168.98	$/kW	C&I DR Benefit	**$905,449**	0.0111	**$19,266**
Net CT Efficiency Test Benefit C&I Active Demand Response		System Benefit less Program Costs				$546,029.93	Net Benefit C&I DR	**$546,030**	0.0111	**$19,266**

United Illuminating Electric PMI (2024)(continued)

Sector	Performance Indicators		Incentive Metrics			
Commercial & Industrial	**$**		**Incentive Metric**	**Target Goal**	**Weight**	**Incentive**
Commercial & Industrial Retrofit (Energy Opportunities)	**$8,010**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (X%+5%).	Continue to promote comprehensive projects	X% of all signed projects	0.0250	**$43,392**
Commercial & Industrial New Construction (Energy Conscious Blueprint)	**$4,280**	Number of C&I new construction/major renovation projects that utilize Path 1 or Path 2. Projects will count towards this KPI in the year they have a signed study agreement or LOA	Continue to advance projects that are more efficient than the State Energy Code	15% of signed projects	0.0200	**$34,713**
Small Business	**$3,817**	Electric Saving LT kWh: 51,607,288 Demand Saving kW: 733	Energy Savings included in appropriate sector-level metric			
		Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures with different end uses, projects receiving tier 2 or tier 3 incentives, enhanced or high-performance lighting projects, or BES projects that result in a signed LOA or customer assessment within the current program year Based on Prior Year Actual results + 5% (X%+5%).	Continue to promote comprehensive projects	X% of signed projects	0.0250	**$43,392**
Equitable Distribution		Fully executed project agreements for Department of Economic and Community Development (DECD) Towns.	Continue to promote equity in the C&I sector	85 agreements in UI territory	0.0150	**$26,035**
Strategic Energy Management	**$1,154**	UI will engage 4 participants in the Strategic Energy Management (SEM) program and those participants will deliver a minimum of 100,000 kWh annual savings for SEM measures. *Participant includes a single customer site from a single customer participating as a cohort. ** Cohort participants may include individual customers with multiple sites.	Promote SEM Initiatives	4 CEE SEM Minimum Elements 100,000 kWh Savings	0.0150	**$26,035**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.	Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$17,357**
Total of Incentives					**1.0000**	**$1,735,665**

D.5 Combined Natural Gas Budget and Savings Tables

Combined Natural Gas Table A1 (2022)

2022 Natural Gas EE Budget	2022 Eversource CT Gas Actual 12/31/22	2022 CNG Actual 12/31/22	2022 SCG Actual 12/31/22	2022 Eversource CT Gas/ CNG/SCG Combined Total 12/31/22
RESIDENTIAL				
Residential New Construction	$ 690,912	$ 404,025	$ 60,737	$ 1,155,674
Home Energy Solutions	$ 3,701,147	$ 3,518,380	$ 3,251,331	$ 10,470,858
HVAC & Water Heating Equipment	$ 4,153,138	$ 1,411,931	$ 1,459,818	$ 7,024,887
HES-Income Eligible	$ 5,947,845	$ 3,770,628	$ 3,395,835	$ 13,114,308
Residential Behavior	$ -	$ 127,600	$ 141,658	$ 269,258
Subtotal: Residential EE Portfolio	**$ 14,493,043**	**$ 9,232,564**	**$ 8,309,379**	**$ 32,034,986**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 2,061,071	$ 1,053,896	$ 791,385	$ 3,906,352
Energy Opportunities	$ 2,938,627	$ 605,936	$ 419,908	$ 3,964,471
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$ 469,456	$ 225,766	$ 157,372	$ 852,594
Small Business	$ 200,641	$ 120,031	$ 279,367	$ 600,039
Subtotal: C&I EE Portfolio	**$ 5,669,795**	**$ 2,005,629**	**$ 1,648,032**	**$ 9,323,456**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$ -	$ -	$ 87,331	$ 87,331
C&I Demand Response	$ -	$ 90,221	$ 105,061	$ 195,282
Subtotal: Load Management	**$ -**	**$ 90,221**	**$ 192,392**	**$ 282,613**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 61,472	$ 30,380	$ 28,253	$ 120,105
Workforce Development	$ 25,562	$ 9,830	$ 11,555	$ 46,947
Community Outreach	$ 53,641	$ 24,359	$ 24,685	$ 102,685
Customer Engagement Initiative	$ 8,382	$ 3,114	$ 3,183	$ 14,679
Subtotal: Education & Engagement	**$ 149,057**	**$ 67,683**	**$ 67,676**	**$ 284,416**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF/OBR)	$ 42,167	$ 83,922	$ 92,621	$ 218,710
C&I Financing Support	$ 2,091	$ -	$ -	$ 2,091
Research, Development and Demonstration	$ 1,695	$ 34,441	$ 97,450	$ 133,586
Subtotal: Programs/Requirements	**$ 45,954**	**$ 118,363**	**$ 190,071**	**$ 354,388**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 90,104	$ 188,145	$ 157,940	$ 436,189
Marketing Plan	$ 39,008	$ 48,714	$ 48,346	$ 136,068
Planning	$ 85,796	$ 183,763	$ 130,431	$ 399,990
Evaluation Measurement and Verification	$ 300,000	$ 305,340	$ 305,340	$ 910,680
Evaluation Administrator	$ 32,277	$ 29,607	$ 50,251	$ 112,135
Information Technology	$ 152,571	$ 542,117	$ 531,950	$ 1,226,638
Energy Efficiency Board Consultants	$ 62,288	$ 53,333	$ 53,333	$ 168,954
Audits - Financial and Operational	$ 10,000	$ 10,000	$ 10,000	$ 30,000
Performance Management Incentive	$ 1,299,706	$ 806,837	$ 610,808	$ 2,717,351
Subtotal: Other - Administrative & Planning	**$ 2,071,749**	**$ 2,167,856**	**$ 1,898,399**	**$ 6,138,004**
TOTAL	**$ 22,429,598**	**$ 13,682,316**	**$ 12,305,949**	**$ 48,417,863**

Combined Natural Gas Table A1 (2023)

2023 Natural Gas EE Budget	2023 Eversource CT Gas Proposed Budget 03/01/23	2023 CNG Proposed Budget 03/01/23	2023 SCG Proposed Budget 03/01/23	2023 Eversource CT Gas/ CNG/SCG Combined Total 03/01/23
RESIDENTIAL				
Residential New Construction	$ 317,701	$ 232,032	$ 279,054	$ 828,786
Home Energy Solutions	$ 3,977,145	$ 2,581,035	$ 3,153,102	$ 9,711,283
HVAC & Water Heating Equipment	$ 3,041,653	$ 826,626	$ 1,061,825	$ 4,930,104
HES-Income Eligible	$ 5,266,439	$ 3,750,228	$ 6,552,923	$ 15,569,589
Residential Behavior	$ 10,000	$ 133,179	$ 168,872	$ 312,051
Subtotal: Residential EE Portfolio	**$ 12,612,938**	**$ 7,523,100**	**$ 11,215,775**	**$ 31,351,813**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 3,686,036	$ 1,616,259	$ 1,492,298	$ 6,794,594
Energy Opportunities	$ 3,402,534	$ 896,951	$ 911,599	$ 5,211,084
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$ 704,199	$ 473,690	$ 409,719	$ 1,587,608
Small Business	$ 578,815	$ 370,059	$ 315,119	$ 1,263,992
Subtotal: C&I EE Portfolio	**$ 8,371,583**	**$ 3,356,959**	**$ 3,128,735**	**$ 14,857,277**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$ -	$ 551,297	$ 551,297	$ 1,102,593
C&I Demand Response	$ -	$ 269,977	$ 269,977	$ 539,953
Subtotal: Load Management	**$ -**	**$ 821,273**	**$ 821,273**	**$ 1,642,546**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 76,667	$ 76,667	$ 76,667	$ 230,000
Workforce Development	$ 82,667	$ 82,667	$ 82,667	$ 248,000
Community Outreach	$ 80,000	$ 80,000	$ 80,000	$ 240,000
Customer Engagement Initiative	$ 70,000	$ 50,000	$ 50,000	$ 170,000
Subtotal: Education & Engagement	**$ 309,333**	**$ 289,334**	**$ 289,333**	**$ 888,000**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF/OBR)	$ 84,523	$ 86,292	$ 86,292	$ 257,107
C&I Financing Support	$ 93,905	$ 20,000	$ 75,000	$ 188,905
Research, Development and Demonstration	$ 50,000	$ 50,000	$ 50,000	$ 150,000
Subtotal: Programs/Requirements	**$ 228,428**	**$ 156,292**	**$ 211,292**	**$ 596,012**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 150,933	$ 186,202	$ 186,198	$ 523,332
Marketing Plan	$ 40,100	$ 40,100	$ 40,100	$ 120,300
Planning	$ 79,158	$ 122,148	$ 63,502	$ 264,808
Evaluation Measurement and Verification	$ 300,000	$ 300,000	$ 300,000	$ 900,000
Evaluation Administrator	$ 29,607	$ 29,607	$ 29,607	$ 88,821
Information Technology	$ 140,726	$ 284,822	$ 332,473	$ 758,021
Energy Efficiency Board Consultants	$ 55,233	$ 55,233	$ 55,233	$ 165,698
Audits - Financial and Operational	$ 10,000	$ 10,000	$ 10,000	$ 30,000
Performance Management Incentive	$ 1,111,660	$ 654,011	$ 829,434	$ 2,595,106
Subtotal: Other - Administrative & Planning	**$ 1,917,417**	**$ 1,682,122**	**$ 1,846,547**	**$ 5,446,086**
TOTAL	**$ 23,439,700**	**$ 13,829,080**	**$ 17,512,955**	**$ 54,781,735**

Combined Natural Gas Table A1 (2024)

2024 Natural Gas EE Budget	2024 Eversource CT Gas Proposed Budget 03/01/23	2024 CNG Proposed Budget 03/01/23	2024 SCG Proposed Budget 03/01/23	2024 Eversource CT Gas/ CNG/SCG Combined Total 03/01/23
RESIDENTIAL				
Residential New Construction	$ 128,939	$ 113,213	$ 124,313	$ 366,465
Home Energy Solutions	$ 3,799,718	$ 3,069,500	$ 2,979,494	$ 9,848,712
HVAC & Water Heating Equipment	$ 3,086,115	$ 978,779	$ 1,156,155	$ 5,221,049
HES-Income Eligible	$ 5,183,773	$ 4,555,722	$ 3,859,968	$ 13,599,463
Residential Behavior	$ 10,000	$ 159,472	$ 207,031	$ 376,503
Subtotal: Residential EE Portfolio	**$ 12,208,545**	**$ 8,876,685**	**$ 8,326,963**	**$ 29,412,192**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 4,221,361	$ 1,974,478	$ 1,643,613	$ 7,839,453
Energy Opportunities	$ 3,883,212	$ 1,085,336	$ 1,004,878	$ 5,973,425
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$ 718,727	$ 594,348	$ 451,619	$ 1,764,694
Small Business	$ 743,850	$ 423,750	$ 345,825	$ 1,513,425
Subtotal: C&I EE Portfolio	**$ 9,567,149**	**$ 4,077,912**	**$ 3,445,935**	**$ 17,090,997**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$ -	$ 551,297	$ 551,297	$ 1,102,593
C&I Demand Response	$ -	$ 269,977	$ 269,977	$ 539,953
Subtotal: Load Management	**$ -**	**$ 821,273**	**$ 821,273**	**$ 1,642,546**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 76,667	$ 76,667	$ 76,667	$ 230,000
Workforce Development	$ 82,667	$ 82,667	$ 82,667	$ 248,000
Community Outreach	$ 80,000	$ 80,000	$ 80,000	$ 240,000
Customer Engagement Initiative	$ 70,000	$ 50,000	$ 50,000	$ 170,000
Subtotal: Education & Engagement	**$ 309,333**	**$ 289,334**	**$ 289,333**	**$ 888,000**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF/OBR)	$ 84,523	$ 86,292	$ 86,292	$ 257,107
C&I Financing Support	$ 93,905	$ 20,000	$ 75,000	$ 188,905
Research, Development and Demonstration	$ 50,000	$ 50,000	$ 50,000	$ 150,000
Subtotal: Programs/Requirements	**$ 228,428**	**$ 156,292**	**$ 211,292**	**$ 596,013**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 150,933	$ 186,202	$ 186,198	$ 523,332
Marketing Plan	$ 40,100	$ 40,100	$ 40,100	$ 120,300
Planning	$ 79,158	$ 122,148	$ 63,502	$ 264,808
Evaluation Measurement and Verification	$ 300,000	$ 300,000	$ 300,000	$ 900,000
Evaluation Administrator	$ 29,607	$ 29,607	$ 29,607	$ 88,821
Information Technology	$ 140,726	$ 260,822	$ 310,473	$ 712,021
Energy Efficiency Board Consultants	$ 55,233	$ 55,233	$ 55,233	$ 165,698
Audits - Financial and Operational	$ 10,000	$ 10,000	$ 10,000	$ 30,000
Performance Management Incentive	$ 1,151,219	$ 756,538	$ 699,753	$ 2,607,511
Subtotal: Other - Administrative & Planning	**$ 1,956,976**	**$ 1,760,649**	**$ 1,694,866**	**$ 5,412,491**
TOTAL	**$ 24,270,432**	**$ 15,982,145**	**$ 14,789,662**	**$ 55,042,239**

Combined Natural Gas Table A1 (2025)

2024 Natural Gas EE Budget	2025 Eversource CT Gas Proposed Budget 03/01/23	2025 CNG Proposed Budget 03/01/23	2025 SCG Proposed Budget 03/01/23	2025 Eversource CT Gas/ CNG/SCG Combined Total 03/01/23
RESIDENTIAL				
Residential New Construction	$ 64,737	$ 59,697	$ 64,331	$ 188,765
Home Energy Solutions	$ 3,884,841	$ 3,128,430	$ 3,041,028	$ 10,054,300
HVAC & Water Heating Equipment	$ 3,098,976	$ 984,168	$ 1,153,657	$ 5,236,800
HES-Income Eligible	$ 5,274,705	$ 4,632,721	$ 3,934,884	$ 13,842,310
Residential Behavior	$ 10,000	$ 160,350	$ 206,584	$ 376,933
Subtotal: Residential EE Portfolio	**$ 12,333,260**	**$ 8,965,366**	**$ 8,400,483**	**$ 29,699,109**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 4,238,953	$ 1,964,415	$ 1,660,115	$ 7,863,483
Energy Opportunities	$ 3,899,395	$ 1,080,182	$ 1,015,072	$ 5,994,649
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$ 721,722	$ 591,281	$ 456,199	$ 1,769,202
Small Business	$ 746,950	$ 484,346	$ 348,489	$ 1,579,785
Subtotal: C&I EE Portfolio	**$ 9,607,019**	**$ 4,120,224**	**$ 3,479,875**	**$ 17,207,118**
OTHER - LOAD MANAGEMENT				
Residential Demand Response	$ -	$ 551,297	$ 551,297	$ 1,102,593
C&I Demand Response	$ -	$ 269,977	$ 269,977	$ 539,953
Subtotal: Load Management	**$ -**	**$ 821,273**	**$ 821,273**	**$ 1,642,546**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 76,667	$ 76,667	$ 76,667	$ 230,000
Workforce Development	$ 82,667	$ 82,667	$ 82,667	$ 248,000
Community Outreach	$ 80,000	$ 80,000	$ 80,000	$ 240,000
Customer Engagement Initiative	$ 70,000	$ 50,000	$ 50,000	$ 170,000
Subtotal: Education & Engagement	**$ 309,333**	**$ 289,334**	**$ 289,333**	**$ 888,000**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF/OBR)	$ 84,523	$ 86,292	$ 86,292	$ 257,107
C&I Financing Support	$ 93,905	$ 20,000	$ 75,000	$ 188,905
Research, Development and Demonstration	$ 50,000	$ 50,000	$ 50,000	$ 150,000
Subtotal: Programs/Requirements	**$ 228,428**	**$ 156,292**	**$ 211,292**	**$ 596,012**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 150,933	$ 186,202	$ 186,198	$ 523,332
Marketing Plan	$ 40,100	$ 40,100	$ 40,100	$ 120,300
Planning	$ 79,158	$ 122,148	$ 63,502	$ 264,808
Evaluation Measurement and Verification	$ 300,000	$ 300,000	$ 300,000	$ 900,000
Evaluation Administrator	$ 29,607	$ 29,607	$ 29,607	$ 88,821
Information Technology	$ 140,726	$ 260,822	$ 310,473	$ 712,021
Energy Efficiency Board Consultants	$ 55,233	$ 55,233	$ 55,233	$ 165,698
Audits - Financial and Operational	$ 10,000	$ 10,000	$ 10,000	$ 30,000
Performance Management Incentive	$ 1,159,448	$ 763,088	$ 705,126	$ 2,627,662
Subtotal: Other - Administrative & Planning	**$ 1,965,205**	**$ 1,767,199**	**$ 1,700,239**	**$ 5,432,643**
TOTAL	**$ 24,443,246**	**$ 16,119,687**	**$ 14,902,496**	**$ 55,465,429**

Combined Natural Gas Table A2 (2022-2025)

Table A2
Eversource CT Gas, CNG, and SCG
2022-2025 Natural Gas Revenues

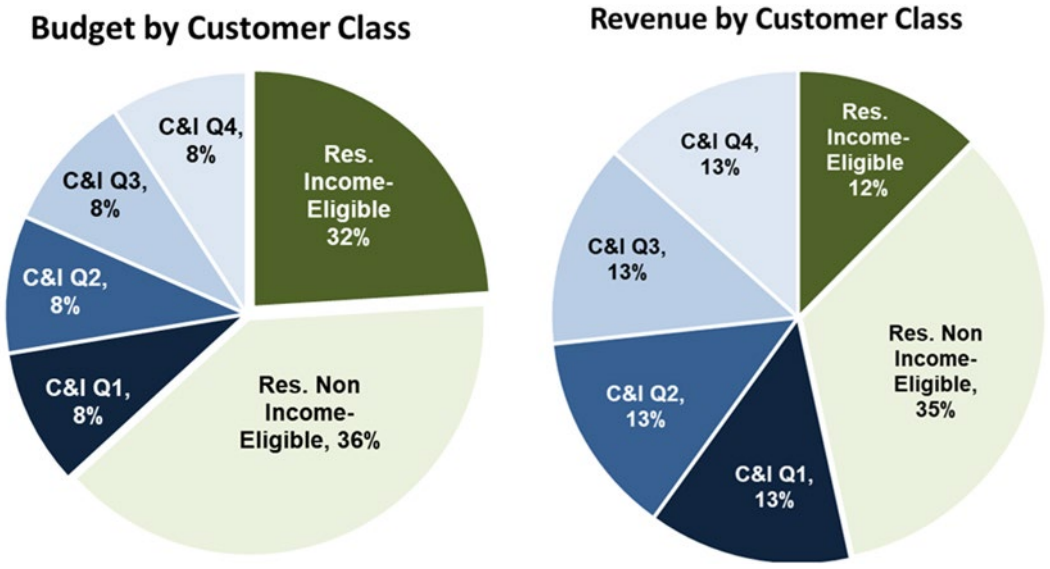
Natural Gas EE Revenues	2022 Eversource CT Gas Revenues Actual 12/31/2022	2022 CNG Revenues Actual 12/31/2022	2022 SCG Revenues Actual 12/31/2022	2022 Combined Eversource CT Gas/CNG/SCG Total 12/31/2022	2023 Eversource CT Gas Revenues 03/01/23	2023 CNG Revenues 03/01/23	2023 SCG Revenues 03/01/23	2023 Combined Eversource CT Gas/CNG/SCG Total 03/01/23
Conservation Adjustment Mechanism (CAM)	$20,588,458	$13,513,512	$14,851,707	$48,953,677	$23,792,568	$15,566,121	$14,730,928	$54,089,617
Prior Period Over/(Under) Collections	($3,201,681)	($681,921)	($555,038)	($4,438,640)	$4,195,668	($2,846,296)	$2,891,511	$4,240,883
Prior Period Under/(Over) Budget	($2,762,445)	($1,121,804)	($1,805,045)	($5,689,294)	($4,548,536)	$1,134,498	($124,319)	($3,538,357)
Interest Due to Company/Other Revenues	$7,532,562	$260,037	$2,580,810	$10,373,409	$ -	($25,243)	$14,835	($10,408)
Total Revenues	**$22,156,893**	**$11,969,824**	**$15,072,435**	**$49,199,151**	**$23,439,700**	**$13,829,080**	**$17,512,955**	**$54,781,735**

Natural Gas EE Revenues	2024 Eversource CT Gas Revenues 03/01/23	2024 CNG Revenues 03/01/23	2024 SCG Revenues 03/01/23	2024 Combined Eversource CT Gas/CNG/SCG Total 03/01/23	2025 Eversource CT Gas Revenues 03/01/23	2025 CNG Revenues 03/01/23	2025 SCG Revenues 03/01/23	2025 Combined Eversource CT Gas/CNG/SCG Total 03/01/23
Conservation Adjustment Mechanism (CAM)	$24,270,432	$15,982,145	$14,789,662	$55,042,239	$24,443,246	$16,119,687	$14,902,496	$55,465,429
Total Revenues	**$24,270,432**	**$15,982,145**	**$14,789,662**	**$55,042,239**	**$24,443,246**	**$16,119,687**	**$14,902,496**	**$55,465,429**

All Figures are net of GET. All Companies are decoupled.

Combined Natural Gas Table A1 Pie Chart (2023)

Statewide 2023 Update Budget Analysis
Table A1 Pie Chart

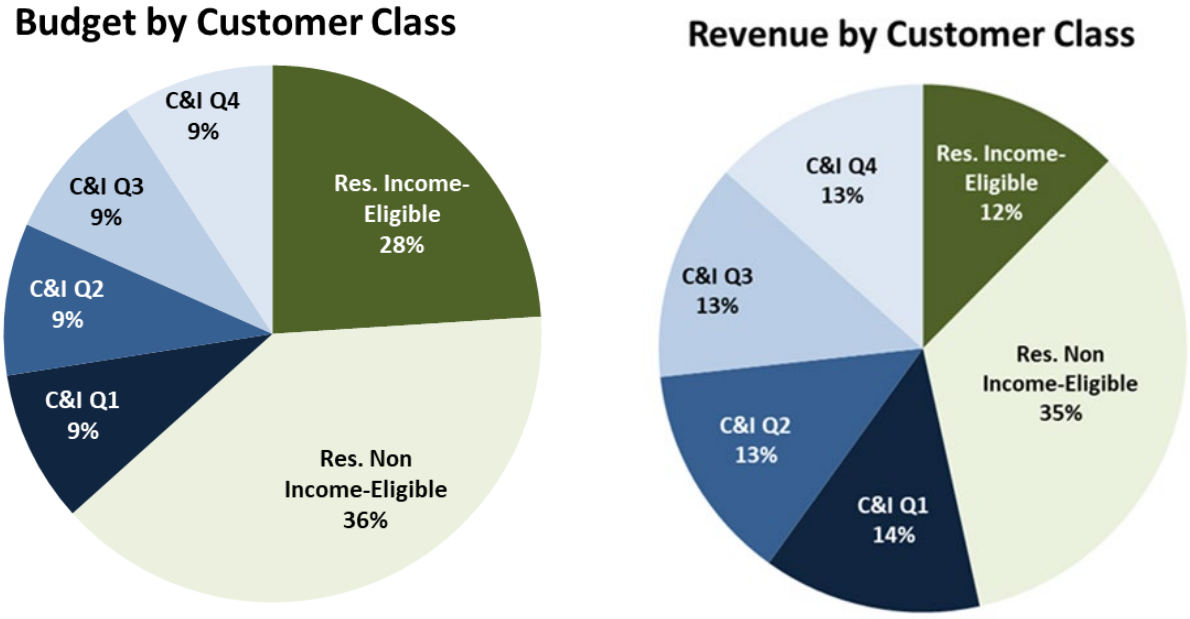


Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$15,611,851	28%	32%	12%	19%
Res. Non-Income-Eligible	$17,759,903	32%	36%	35%	2%
Residential Subtotal	**$33,371,754**	**61%**	**68%**	**47%**	**21%**
Commercial and Industrial	$15,934,196	29%	32%	53%	-21%
C&I Q1			8%	13%	
C&I Q2			8%	13%	
C&I Q3			8%	13%	
C&I Q4			8%	13%	
C&I Subtotal	**$15,934,196**	**29%**	**32%**	**53%**	**-21%**
Residential and C&I Subtotal	**$49,305,949**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$5,475,786	10%			
Other Expenditures Subtotal	**$5,475,786**	**10%**			
TOTAL	**$54,781,735**	**100%**			
ES CT Gas	**$23,439,700**	**43%**			
CNG	**$13,829,080**	**25%**			
SCG	**$17,512,955**	**32%**			

Totals may vary due to rounding.
Please see attached Budget Allocation Table.

Combined Natural Gas Table A1 Pie Chart (2024)

Statewide 2024 Update Budget Analysis
Table A1 Pie Chart



Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget	% of Residential and C&I Revenue	Difference
Res. Income-Eligible	$13,641,724	25%	28%	12%	15%
Res. Non-Income-Eligible	$17,790,409	32%	36%	35%	1%
Residential Subtotal	**$31,432,133**	**57%**	**63%**	**47%**	**16%**
Commercial and Industrial	$18,167,915	33%	37%	53%	-16%
C&I Q1			9%	13%	
C&I Q2			9%	13%	
C&I Q3			9%	13%	
C&I Q4			9%	13%	
C&I Subtotal	**$18,167,915**	**33%**	**37%**	**53%**	**-16%**
Residential and C&I Subtotal	**$49,600,048**	**90%**	**100%**	**100%**	**0%**
Other Expenditures					
Other Expenditures	$5,442,191	10%			
Other Expenditures Subtotal	**$5,442,191**	**10%**			
TOTAL	**$55,042,239**	**100%**			
ES CT Gas	**$24,270,432**	**44%**			
CNG	**$15,982,145**	**29%**			
SCG	**$14,789,662**	**27%**			

Totals may vary due to rounding.
Please see attached Budget Allocation Table.

D.6 Eversource Natural Gas Budget and Savings Tables

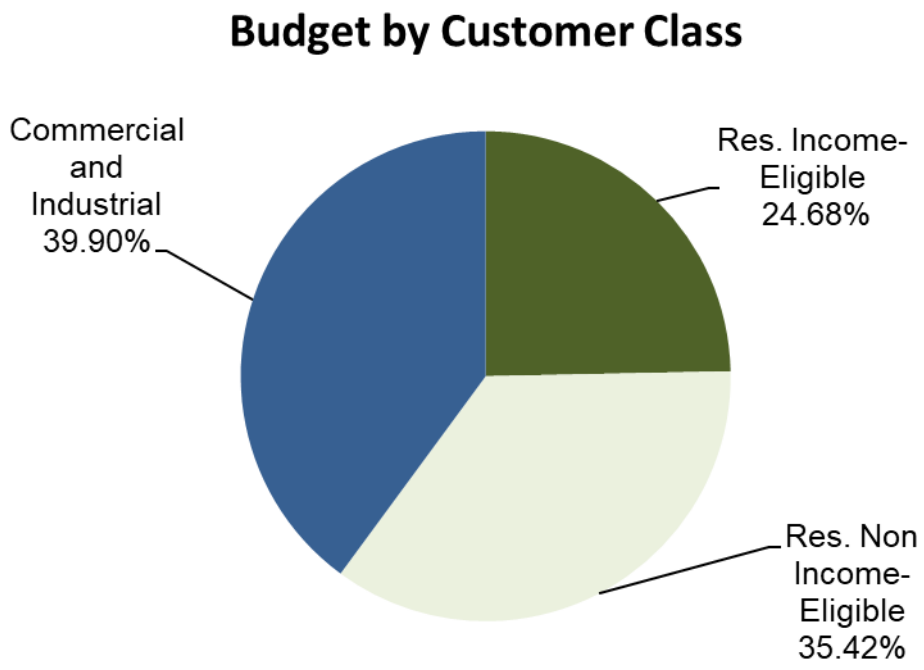
Table A – Eversource Natural Gas (2022-2025)

Eversource CT Gas EE Budget	2022 Eversource CT Gas Proposed Actual 12/31/22	2023 Eversource CT Gas Proposed Budget 03/01/23	2024 Eversource CT Gas Proposed Budget 03/01/23	2025 Eversource CT Gas Proposed Budget 03/01/23
RESIDENTIAL				
Residential New Construction	$690,912	$317,701	$128,939	$64,737
Home Energy Solutions	$3,701,147	$3,977,145	$3,799,718	$3,884,841
HVAC & Water Heating Equipment	$4,153,138	$3,041,653	$3,086,115	$3,098,976
HES-Income Eligible	$5,947,845	$5,266,439	$5,183,773	$5,274,705
Residential Behavior	$ -	$10,000	$10,000	$10,000
Subtotal: Residential EE Portfolio	**$14,493,043**	**$12,612,938**	**$12,208,545**	**$12,333,260**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$2,061,071	$3,686,036	$4,221,361	$4,238,953
Energy Opportunities	$2,938,627	$3,402,534	$3,883,212	$3,899,395
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$469,456	$704,199	$718,727	$721,722
Small Business	$200,641	$578,815	$743,850	$746,950
Subtotal: C&I EE Portfolio	**$5,669,795**	**$8,371,583**	**$9,567,149**	**$9,607,019**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$61,472	$76,667	$76,667	$76,667
Workforce Development	$25,562	$82,667	$82,667	$82,667
Community Outreach	$53,641	$80,000	$80,000	$80,000
Customer Engagement Initiative	$8,382	$70,000	$70,000	$70,000
Subtotal: Education & Engagement	**$149,057**	**$309,333**	**$309,333**	**$309,333**
OTHER - PROGRAMS/REQUIREMENTS				
Residential Loan Program (includes ECLF and OBR)	$42,167	$84,523	$84,523	$84,523
C&I Financing Support	$2,091	$93,905	$93,905	$93,905
Research, Development and Demonstration	$1,695	$50,000	$50,000	$50,000
Subtotal: Programs/Requirements	**$45,954**	**$228,428**	**$228,428**	**$228,428**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$90,104	$150,933	$150,933	$150,933
Marketing Plan	$39,008	$40,100	$40,100	$40,100
Planning	$85,796	$79,158	$79,158	$79,158
Evaluation Measurement and Verification	$300,000	$300,000	$300,000	$300,000
Evaluation Administrator	$32,277	$29,607	$29,607	$29,607
Information Technology	$152,571	$140,726	$140,726	$140,726
Energy Efficiency Board Consultants	$62,288	$55,233	$55,233	$55,233
Audits - Financial and Operational	$10,000	$10,000	$10,000	$10,000
Performance Management Incentive	$1,299,706	$1,111,660	$1,151,219	$1,159,448
Subtotal: Other - Administrative & Planning	**$2,071,749**	**$1,917,417**	**$1,956,976**	**$1,965,205**
TOTAL	**$22,429,598**	**$23,439,700**	**$24,270,432**	**$24,443,246**

Table A Pie Chart – Eversource Natural Gas (2023)

Eversource CT Gas

2023 Budget Analysis



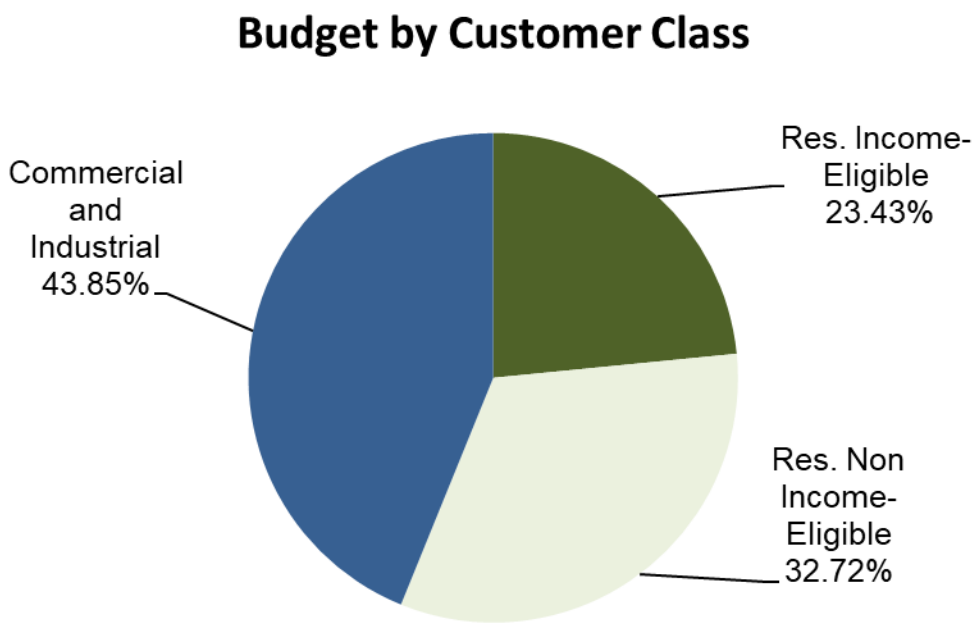
Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$5,308,700	22.65%	24.68%
Res. Non-Income-Eligible	$7,619,508	32.51%	35.42%
Residential Subtotal	**$12,928,208**	**55.16%**	**60.10%**
Commercial and Industrial	$8,584,175	36.62%	39.90%
C&I Subtotal	**$8,584,175**	**36.62%**	**39.90%**
Residential and C&I Subtotal	**$21,512,383**	**91.78%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,927,317	8.22%	
Other Expenditures Subtotal	**$1,927,317**	**8.22%**	
TOTAL	**$23,439,700**	**100.00%**	

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Table A Pie Chart – Eversource Natural Gas (2024)

Eversource CT Gas
2024 Budget Analysis



Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$5,226,034	21.53%	23.43%
Res. Non-Income-Eligible	$7,297,780	30.07%	32.72%
Residential Subtotal	**$12,523,814**	**51.60%**	**56.15%**
Commercial and Industrial	$9,779,741	40.29%	43.85%
C&I Subtotal	**$9,779,741**	**40.29%**	**43.85%**
Residential and C&I Subtotal	**$22,303,556**	**91.90%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,966,876	8.10%	
Other Expenditures Subtotal	**$1,966,876**	**8.10%**	
TOTAL	**$24,270,432**	**100.00%**	

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Eversource Natural Gas Table A Budget Allocation (2022-2025)

Table A Pie Sector Allocation			
	Residential	C&I	Other
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	80%	20%	0%
Workforce Development	50%	50%	0%
Community Outreach	50%	50%	0%
Customer Engagement Initiative	80%	20%	0%
OTHER - PROGRAMS/REQUIREMENTS			
Residential Loan Program	100%	0%	0%
C&I Financing Support	0%	100%	0%
Research, Development & Demonstration	0%	0%	100%
OTHER - ADMINISTRATIVE & PLANNING			
Administration	0%	0%	100%
Marketing Plan	80%	20%	0%
Planning	0%	0%	100%
Evaluation Measurement and Verification	0%	0%	100%
Evaluation Administrator	0%	0%	100%
Information Technology	0%	0%	100%
Energy Efficiency Board Consultants	0%	0%	100%
Audit - Financial and Operational	0%	0%	100%
Performance Management Incentive	0%	0%	100%

Note: Core Residential and C&I programs that produce savings are allocated 100% to the Residential and C&I sectors, respectively. Other programs budgets are allocated to both Residential and C&I sectors based on an estimated percentage of the sector that those dollars will directly benefit by the percentages above.

Table B – Eversource Natural Gas (2023)

2024 ES Gas	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$318	$318	$576	$873	$1,748	$1,748	2.75	5.50	3.04	161	Homes
Home Energy Solutions	$3,977	$3,977	$3,977	$3,461	$6,701	$6,701	0.87	1.68	1.68	4,746	Homes
HVAC & Water Heating Equipment	$3,042	$3,042	$5,117	$8,026	$15,570	$15,570	2.64	5.12	3.04	33,410	Products
HES-Income Eligible	$5,266	$5,266	$5,325	$3,390	$6,531	$8,926	0.64	1.24	1.68	5,885	Homes
Behavior	$10	$10	$10	$21	$36	$36	2.08	3.59	3.59	22,000	Customers
Subtotal: Residential	**$12,613**	**$12,613**	**$15,005**	**$15,770**	**$30,586**	**$32,981**	**1.25**	**2.42**	**2.20**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$3,686	$3,686	$3,996	$3,725	$7,829	$7,829	1.01	2.12	1.96	20	Projects
Energy Opportunities	$3,403	$3,403	$5,915	$3,711	$7,851	$7,851	1.09	2.31	1.33	165	Projects
BES	$704	$704	$1,190	$1,457	$2,948	$2,948	2.07	4.19	2.48	22	Projects
Small Business	$579	$579	$1,027	$781	$1,613	$1,613	1.35	2.79	1.57	116	Projects
Subtotal: C&I	**$8,372**	**$8,372**	**$12,128**	**$9,674**	**$20,240**	**$20,240**	**1.16**	**2.42**	**1.67**	-	-
Other											
Subtotal: Other	**$2,455**	**$2,455**	**$2,455**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$23,440**	**$23,440**	**$29,589**	**$25,444**	**$50,826**	**$53,221**	**1.09**	**2.17**	**1.80**	-	-

2024 ES Gas	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	47,717	1,192,915	369	$6.658	$0.266	$860	$34	4,910	122,751	$65	$3	353	8,828
Home Energy Solutions	216,442	4,319,348	2,028	$18.375	$0.921	$1,961	$98	22,272	444,461	$179	$9	1,602	31,966
HVAC & Water Heating Equipment	585,556	9,908,489	4,958	$5.194	$0.307	$614	$46	60,254	1,019,584	$50	$3	4,333	73,329
HES-Income Eligible	213,736	4,181,256	1,980	$24.640	$1.260	$2,660	$136	21,993	430,251	$239	$12	1,582	30,944
Behavior	9,218	18,436	90	$1.085	$0.542	$111	$56	949	1,897	$11	$5	68	136
Subtotal: Residential	**1,072,668**	**19,620,444**	**9,425**	**$11.758**	**$0.643**	**$1,338**	**$82**	**110,378**	**2,018,944**	**$114**	**$6**	**7,938**	**145,203**
Commercial & Industrial													
Energy Conscious Blueprint	350,403	5,364,262	3,136	$10.519	$0.687	$1,175	$77	36,056	551,983	$102	$7	2,593	39,699
Energy Opportunities	518,353	5,261,104	2,839	$6.564	$0.647	$1,199	$118	53,339	541,368	$64	$6	3,836	38,935
BES	243,531	1,871,358	1,227	$2.892	$0.376	$574	$75	25,059	192,563	$28	$4	1,802	13,849
Small Business	68,258	1,088,950	587	$8.480	$0.532	$987	$62	7,024	112,053	$82	$5	505	8,059
Subtotal: C&I	**1,180,545**	**13,585,673**	**7,789**	**$7.091**	**$0.616**	**$1,075**	**$93**	**121,478**	**1,397,966**	**$69**	**$6**	**8,737**	**100,542**
OTHER													
Subtotal: Other	-	-	-	-	**$ -**	**$ -**	**$ -**	-	-	**$ -**	**$ -**	-	-
TOTAL	**2,253,213**	**33,206,118**	**17,214**	**$10.403**	**$0.706**	**$1,362**	**$98**	**231,856**	**3,416,910**	**$101**	**$7**	**16,675**	**245,745**

Table B – Eversource Natural Gas (2024)

2024 ES Gas	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test (CTET)	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$129	$129	$166	$128	$257	$257	0.99	1.99	1.55	23	Homes
Home Energy Solutions	$3,800	$3,800	$4,069	$3,147	$6,149	$6,149	0.83	1.62	1.51	4,510	Homes
HVAC & Water Heating Equipment	$3,086	$3,086	$5,084	$8,204	$16,068	$16,068	2.66	5.21	3.16	32,164	Products
HES-Income Eligible	$5,184	$5,184	$6,312	$3,360	$6,530	$8,900	0.65	1.26	1.41	5,823	Homes
Behavior	$10	$10	$10	$20	$36	$36	2.02	3.56	3.56	22,000	Customers
Subtotal: Residential	**$12,209**	**$12,209**	**$15,641**	**$14,860**	**$29,039**	**$31,408**	**1.22**	**2.38**	**2.01**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$4,221	$4,221	$4,596	$4,484	$9,473	$9,473	1.06	2.24	2.06	24	Projects
Energy Opportunities	$3,883	$3,883	$6,821	$4,355	$9,291	$9,291	1.12	2.39	1.36	193	Projects
BES	$719	$719	$1,216	$1,491	$3,049	$3,049	2.07	4.24	2.51	22	Projects
Small Business	$744	$744	$1,370	$1,105	$2,290	$2,290	1.49	3.08	1.67	162	Projects
Subtotal: C&I	**$9,567**	**$9,567**	**$14,002**	**$11,435**	**$24,103**	**$24,103**	**1.20**	**2.52**	**1.72**	-	-
Other											
Subtotal: Other	**$2,495**	**$2,495**	**$2,495**	$ -	$ -	$ -	-	-	-	-	-
TOTAL	**$24,270**	**$24,270**	**$32,138**	**$26,294**	**$53,142**	**$55,512**	**1.08**	**2.19**	**1.73**	-	-

2024 ES Gas	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	6,918	172,952	54	$18.638	$0.746	$2,407	$96	712	17,797	$181	$7	51	1,280
Home Energy Solutions	197,080	3,921,640	1,843	$19.280	$0.969	$2,062	$104	20,280	403,537	$187	$9	1,459	29,022
HVAC & Water Heating Equipment	593,413	10,132,888	5,395	$5.201	$0.305	$572	$33	61,062	1,042,674	$51	$3	4,392	74,989
HES-Income Eligible	211,479	4,137,113	1,959	$24.512	$1.253	$2,646	$135	21,761	425,709	$238	$12	1,565	30,617
Behavior	9,218	18,436	90	$1.085	$0.542	$111	$56	949	1,897	$11	$5	68	136
Subtotal: Residential	**1,018,109**	**18,383,029**	**9,341**	**$11.991**	**$0.664**	**$1,307**	**$72**	**104,763**	**1,891,614**	**$117**	**$6**	**7,535**	**136,045**
Commercial & Industrial													
Energy Conscious Blueprint	417,570	6,394,061	3,783	$10.109	$0.660	$1,116	$73	42,968	657,949	$98	$6	3,090	47,320
Energy Opportunities	605,946	6,150,138	3,318	$6.409	$0.631	$1,170	$115	62,352	632,849	$62	$6	4,484	45,515
BES	249,468	1,916,980	1,257	$2.881	$0.375	$572	$74	25,670	197,257	$28	$4	1,846	14,187
Small Business	95,414	1,522,188	820	$7.796	$0.489	$907	$57	9,818	156,633	$76	$5	706	11,265
Subtotal: C&I	**1,368,397**	**15,983,367**	**9,178**	**$6.991**	**$0.599**	**$1,042**	**$89**	**140,808**	**1,644,688**	**$68**	**$6**	**10,127**	**118,287**
OTHER													
Subtotal: Other	-	-	-	-	$ -	$ -	$ -	-	-	$ -	$ -	-	-
TOTAL	**2,386,506**	**34,366,396**	**18,519**	**$10.170**	**$0.706**	**$1,311**	**$91**	**245,571**	**3,536,302**	**$99**	**$7**	**17,662**	**254,332**

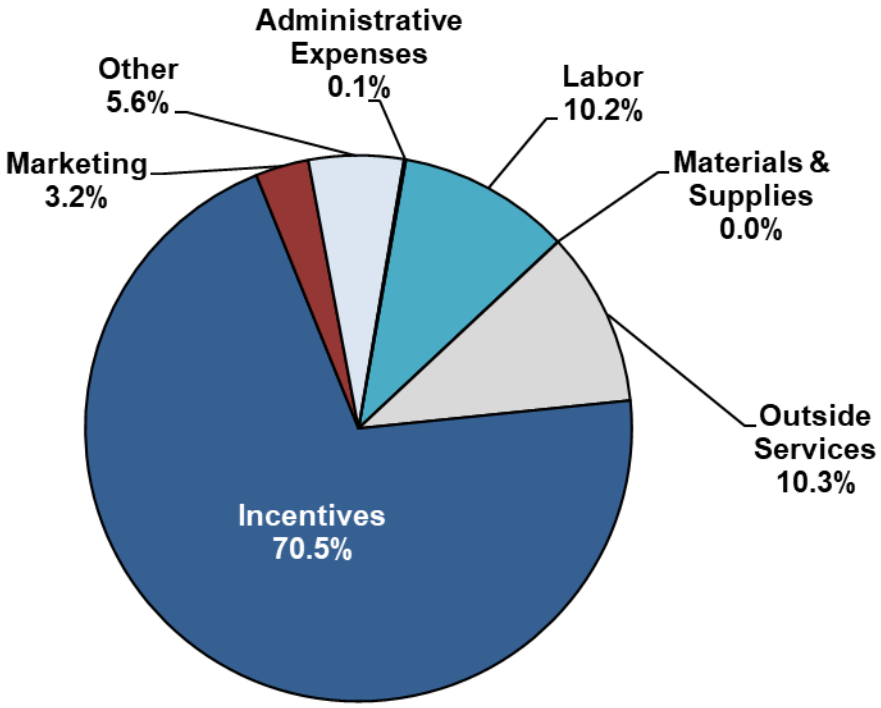
Table C – Eversource Natural Gas (2023)

Table C
Eversource CT Gas 2023 EE Budget Details

Eversource CT Gas EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$50,000	$100	$5,000	$ -	$257,601	$ -	$2,000	$3,000	$317,701
Home Energy Solutions	$264,891	$500	$400,000	$24,963	$3,104,792	$170,000	$7,000	$5,000	$3,977,145
HVAC & Water Heating Equipment	$81,356	$484	$300,000	$ -	$2,525,713	$133,000	$100	$1,000	$3,041,653
HES-Income Eligible	$469,755	$500	$164,000	$33,964	$4,334,220	$250,000	$6,000	$8,000	$5,266,439
Residential Behavior	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
Subtotal: Residential EE Portfolio	**$866,001**	**$1,584**	**$879,000**	**$58,927**	**$10,222,325**	**$553,000**	**$15,100**	**$17,000**	**$12,612,938**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$245,806	$500	$512,000	$22,956	$2,862,774	$40,000	$1,000	$1,000	$3,686,036
Energy Opportunities	$716,817	$500	$100,000	$22,320	$2,512,897	$42,000	$6,000	$2,000	$3,402,534
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$89,603	$100	$110,000	$837	$485,659	$16,000	$1,000	$1,000	$704,199
Small Business	$63,589	$500	$26,000	$ -	$447,726	$38,000	$1,000	$2,000	$578,815
Subtotal: C&I EE Portfolio	**$1,115,814**	**$1,600**	**$748,000**	**$46,113**	**$6,309,056**	**$136,000**	**$9,000**	**$6,000**	**$8,371,583**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$7,132	$ -	$65,376	$ -	$ -	$4,159	$ -	$ -	$76,667
Workforce Development	$7,132	$ -	$75,535	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$4,463	$ -	$67,037	$ -	$ -	$7,000	$ -	$1,500	$80,000
Customer Engagement Initiative	$11,330	$ -	$58,670	$ -	$ -	$ -	$ -	$ -	$70,000
Subtotal: Education & Engagement	**$30,056**	$ -	**$266,618**	$ -	$ -	**$11,159**	$ -	**$1,500**	**$309,333**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (ECLF/OBR)	$ -	$ -	$ -	$ -	$ -	$ -	$84,523	$ -	$84,523
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$93,905	$ -	$93,905
RD&D	$15,298	$ -	$34,702	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	**$15,298**	**$ -**	**$34,702**	**$ -**	**$ -**	**$ -**	**$178,428**	**$ -**	**$228,428**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$121,563	$ -	$11,370	$15,000	$ -	$ -	$2,000	$1,000	$150,933
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$57,897	$ -	$ -	$21,261	$ -	$ -	$ -	$ -	$79,158
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$27,415	$ -	$87,977	$25,333	$ -	$ -	$ -	$ -	$140,726
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
Performance Mgmt. Incentive	$ -	$ -	$ -	$ -	$ -	$ -	$1,111,660	$ -	$1,111,660
Subtotal: Other	**$206,876**	$ -	**$494,187**	**$61,594**	$ -	**$40,100**	**$1,113,660**	**$1,000**	**$1,917,417**
TOTAL BUDGET	**$2,234,046**	**$3,184**	**$2,422,507**	**$166,634**	**$16,531,381**	**$740,259**	**$1,316,188**	**$25,500**	**$23,439,700**

Table C Pie Chart – Eversource Natural Gas (2023)

EVERSOURCE CT GAS
2023 Gas Conservation
Budget By Expense Class



Expense Classes	Budget	% of Budget
Labor	$ 2,400,680	10.2%
Materials & Supplies	$ 3,184	0.0%
Outside Services	$ 2,422,507	10.3%
Incentives	$ 16,531,381	70.5%
Marketing	$ 740,259	3.2%
Other	$ 1,316,188	5.6%
Administrative Expenses	$ 25,500	0.1%
Total	**$ 23,439,700**	**100.0%**

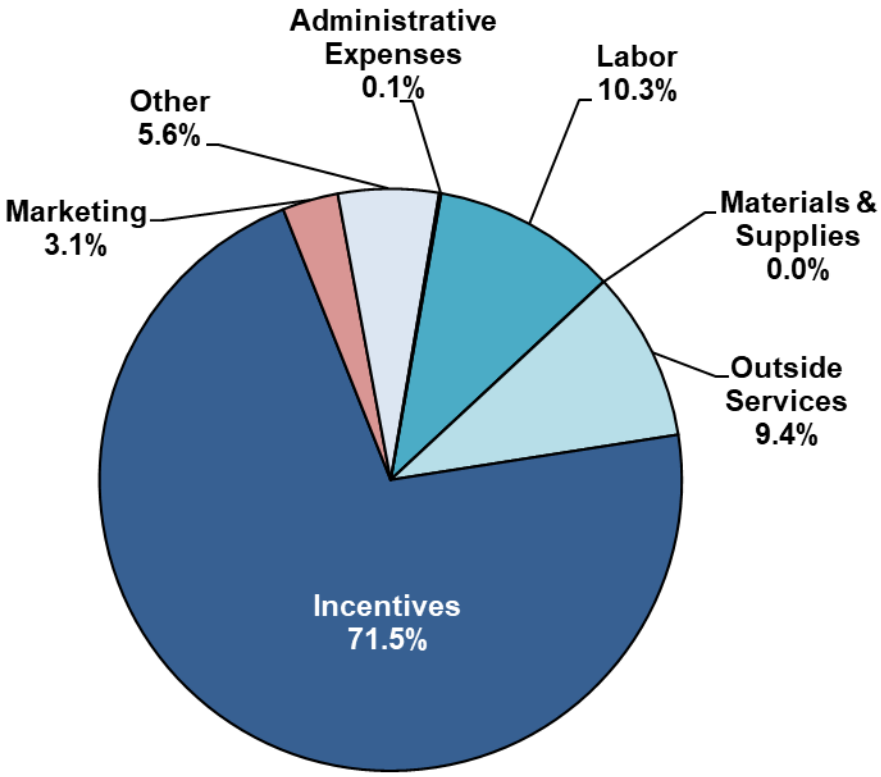
Table C – Eversource Natural Gas (2024)

Table C
Eversource CT Gas 2024 EE Budget Details

Eversource CT Gas EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$76,491	$100	$10,000	$ -	$37,348	$ -	$2,000	$3,000	$128,939
Home Energy Solutions	$278,838	$500	$363,000	$24,963	$2,950,418	$170,000	$7,000	$5,000	$3,799,718
HVAC & Water Heating Equipment	$83,796	$484	$300,000	$ -	$2,554,734	$146,000	$100	$1,000	$3,086,115
HES-Income Eligible	$483,847	$500	$113,000	$33,964	$4,288,461	$250,000	$6,000	$8,000	$5,183,773
Residential Behavior	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
Subtotal: Residential EE Portfolio	**$922,972**	**$1,584**	**$796,000**	**$58,927**	**$9,830,961**	**$566,000**	**$15,100**	**$17,000**	**$12,208,545**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$253,180	$500	$450,000	$22,956	$3,452,725	$40,000	$1,000	$1,000	$4,221,361
Energy Opportunities	$738,321	$500	$134,538	$22,320	$2,937,532	$42,000	$6,000	$2,000	$3,883,212
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$92,291	$100	$110,000	$837	$497,499	$16,000	$1,000	$1,000	$718,727
Small Business	$65,497	$500	$11,000	$ -	$625,853	$38,000	$1,000	$2,000	$743,850
Subtotal: C&I EE Portfolio	**$1,149,289**	**$1,600**	**$705,538**	**$46,113**	**$7,513,609**	**$136,000**	**$9,000**	**$6,000**	**$9,567,149**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$7,346	$ -	$65,162	$ -	$ -	$4,159	$ -	$ -	$76,667
Workforce Development	$7,346	$ -	$75,321	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$4,597	$ -	$66,903	$ -	$ -	$7,000	$ -	$1,500	$80,000
Customer Engagement Initiative	$11,670	$ -	$58,330	$ -	$ -	$ -	$ -	$ -	$70,000
Subtotal: Education & Engagement	**$30,958**	$ -	**$265,716**	$ -	$ -	**$11,159**	$ -	**$1,500**	**$309,333**
OTHER - PROGRAMS/REQUIREMENTS									
Residential Loan Program (ECLF/OBR)	$ -	$ -	$ -	$ -	$ -	$ -	$84,523	$ -	$84,523
C&I Financing Support	$ -	$ -	$ -	$ -	$ -	$ -	$93,905	$ -	$93,905
RD&D	$15,757	$ -	$34,243	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	**$15,757**	$ -	**$34,243**	$ -	$ -	$ -	**$178,428**	$ -	**$228,428**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$125,210	$ -	$7,723	$15,000	$ -	$ -	$2,000	$1,000	$150,933
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$59,634	$ -	$ -	$19,524	$ -	$ -	$ -	$ -	$79,158
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$28,238	$ -	$87,155	$25,333	$ -	$ -	$ -	$ -	$140,726
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
Performance Mgmt. Incentive	$ -	$ -	$ -	$ -	$ -	$ -	$1,151,219	$ -	$1,151,219
Subtotal: Other	**$213,082**	$ -	**$489,718**	**$59,857**	$ -	**$40,100**	**$1,153,219**	**$1,000**	**$1,956,976**
TOTAL BUDGET	**$2,332,059**	**$3,184**	**$2,291,215**	**$164,897**	**$17,344,570**	**$753,259**	**$1,355,747**	**$25,500**	**$24,270,432**

Table C Pie Chart – Eversource Natural Gas (2024)

EVERSOURCE CT GAS
2024 Gas Conservation
Budget By Expense Class



Expense Classes	Budget	% of Budget
Labor	$ 2,496,956	10.3%
Materials & Supplies	$ 3,184	0.0%
Outside Services	$ 2,291,215	9.4%
Incentives	$ 17,344,570	71.5%
Marketing	$ 753,259	3.1%
Other	$ 1,355,747	5.6%
Administrative Expenses	$ 25,500	0.1%
Total	**$ 24,270,432**	**100.0%**

Table D – Eversource Natural Gas CT Historical and Projected Expenditures (2014-2025)

Table D: Eversource CT Historical and Projected $ (2014-2025)
Expenditures $ (000)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual
RESIDENTIAL						
Residential New Construction	$677,845	$764,790	$692,482	$881,482	$918,565	$887,551
Home Energy Solutions	$4,493,416	$3,432,631	$2,952,063	$3,379,814	$1,843,187	$2,572,719
HVAC & Water Heating Equipment	$ -	$ -	$1,668,456	$1,483,857	$2,938,795	$3,441,578
HES-Income Eligible	$5,614,632	$4,650,418	$4,926,003	$4,617,168	$4,400,007	$3,404,495
Water Heating	$329,133	$523,846	$ -	$ -	$ -	$ -
Residential Behavior	$ -	$ -	$183,310	$614,173	$167,458	$414,553
Subtotal: Residential	**$11,115,026**	**$9,371,685**	**$10,422,314**	**$10,976,494**	**$10,268,012**	**$10,720,896**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$3,034,664	$2,634,533	$2,080,768	$1,603,199	$1,831,447	$3,177,795
Energy Opportunities	$2,053,847	$1,668,217	$4,135,899	$3,555,604	$4,097,336	$3,236,775
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$299,105	$219,014	$678,102	$553,690	$569,494	$972,152
Small Business	$218,468	$329,075	$381,268	$848,654	$247,416	$220,886
Subtotal: C&I	**$5,606,084**	**$4,850,839**	**$7,276,037**	**$6,561,148**	**$6,745,693**	**$7,607,608**
OTHER - EDUCATION & ENGAGEMENT						
Energy Education (Educate the Students 2016-2021)	$ -	$ -	$50,119	$26,077	$41,953	$27,256
Workforce Development (Educate Workforce 2016-2021)	$ -	$ -	$26,313	$18,686	$9,314	$5,699
Community Outreach (Educate the Public 2016-2021)	$ -	$ -	$214,403	$145,069	$62,878	$63,267
Customer Engagement Initiative (Customer Engagement (2014-2021)	$284,008	$282,000	$229,036	$231,942	$193,660	$201,756
SmartLiving Center®-Museums Partnership	$165,067	$83,670	$ -	$ -	$ -	$ -
Clean Energy Communities/Behavior Pilot	$49,106	$184,917	$ -	$ -	$ -	$ -
eesmarts/K-12	$8,790	$96,470	$ -	$ -	$ -	$ -
Subtotal: Education	**$506,971**	**$647,057**	**$519,871**	**$421,774**	**$307,805**	**$297,978**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$69,591	$69,012	$174,448	$84,550	$84,550	$80,075
C&I Financing Support	$ -	$ -	$12,879	$ -	$ -	$10,944
RD&D	$ -	$19,154	$20,487	$18,501	$34,459	$15,367
Institute for Sustainable Energy (moved to Educate Workforce)	$37,333	$41,333	$ -	$ -	$ -	$ -
ESPC Project Manager - Lead By Example	$34,825	$25,857	$ -	$ -	$ -	$ -
C&I Loan Program	$ -	$13,542	$ -	$ -	$ -	$ -
EE Loan Defaults	$ -	$27,042	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$141,749**	**$195,940**	**$207,814**	**$103,051**	**$119,009**	**$106,386**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$94,752	$119,374	$37,023	$52,134	$133,366	$92,906
Marketing Plan	$65,930	$100,283	$95,028	$37,911	$22,597	$14,890
Planning	$147,774	$111,082	$94,234	$61,481	$123,125	$137,312
EM&V	$169,462	$181,443	$120,010	$200,000	$145,595	$218,102
Evaluation Administrator	$34,068	$31,472	$39,278	$27,348	$19,902	$21,008
Information Technology	$72,683	$126,557	$191,801	$68,304	$148,381	$143,627
EEB Consultants	$77,207	$75,225	$70,328	$47,599	$33,163	$34,965
Audits - Financial and Operational	$ -	$ -	$ -	$5,458	$10,000	$10,000
PMI	$920,771	$942,177	$587,469	$1,123,213	$1,088,866	$1,057,175
Subtotal: Admin. & Planning	**$1,582,648**	**$1,687,612**	**$1,235,170**	**$1,623,448**	**$1,724,995**	**$1,729,985**
TOTAL	**$18,952,478**	**$16,753,133**	**$19,661,206**	**$19,685,915**	**$19,165,514**	**$20,462,853**

Table D – Eversource Gas CT Historical and Projected Expenditures (2014-2025)(continued)

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget	2025 Budget
RESIDENTIAL						
Residential New Construction	$489,620	$822,508	$690,912	$317,701	$128,939	$64,737
Home Energy Solutions	$2,893,620	$4,608,942	$3,701,147	$3,977,145	$3,799,718	$3,884,841
HVAC & Water Heating Equipment	$4,573,515	$4,394,965	$4,153,138	$3,041,653	$3,086,115	$3,098,976
HES-Income Eligible	$4,303,596	$6,126,982	$5,947,845	$5,266,439	$5,183,773	$5,274,705
Water Heating	$ -	$ -	$ -	$ -	$ -	$ -
Residential Behavior	$ -	$ -	$ -	$10,000	$10,000	$10,000
Subtotal: Residential	**$12,260,351**	**$15,953,396**	**$14,493,043**	**$12,612,938**	**$12,208,545**	**$12,333,260**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$3,510,955	$3,754,255	$2,061,071	$3,686,036	$4,221,361	$4,238,953
Energy Opportunities	$3,377,127	$732,274	$2,938,627	$3,402,534	$3,883,212	$3,899,395
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$645,936	$408,183	$469,456	$704,199	$718,727	$721,722
Small Business	$125,273	$270,988	$200,641	$578,815	$743,850	$746,950
Subtotal: C&I	**$7,659,291**	**$5,165,700**	**$5,669,795**	**$8,371,583**	**$9,567,149**	**$9,607,019**
Energy Education (Educate the Students 2016-2021)	$33,239	$31,386	$61,472	$76,667	$76,667	$76,667
Workforce Development (Educate Workforce 2016-2021)	$42,041	$22,485	$25,562	$82,667	$82,667	$82,667
Community Outreach (Educate the Public 2016-2021)	$34,537	$36,300	$53,641	$80,000	$80,000	$80,000
Customer Engagement Initiative (Customer Engagement (2014-2021)	$197,010	$137,851	$8,382	$70,000	$70,000	$70,000
SmartLiving Center®-Museums Partnership	$ -	$ -	$ -	$ -	$ -	$ -
Clean Energy Communities/Behavior Pilot	$ -	$ -	$ -	$ -	$ -	$ -
eesmarts/K-12	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Education	**$306,829**	**$228,023**	**$149,057**	**$309,333**	**$309,333**	**$309,333**
OTHER - PROGRAMS/REQUIREMENTS						
Residential Loan Program (includes ECLF and OBR)	$99,172	$77,705	$42,167	$84,523	$84,523	$84,523
C&I Financing Support	$ -	$2,427	$2,091	$93,905	$93,905	$93,905
RD&D	$15,680	$4,795	$1,695	$50,000	$50,000	$50,000
Institute for Sustainable Energy (moved to Educate Workforce)	$ -	$ -	$ -	$ -	$ -	$ -
ESPC Project Manager - Lead By Example	$ -	$ -	$ -	$ -	$ -	$ -
C&I Loan Program	$ -	$ -	$ -	$ -	$ -	$ -
EE Loan Defaults	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$114,852**	**$84,927**	**$45,954**	**$228,428**	**$228,428**	**$228,428**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$121,815	$81,568	$ 90,104	$ 150,933	$ 150,933	$ 150,933
Marketing Plan	$35,467	$58,999	$ 39,008	$ 40,100	$ 40,100	$ 40,100
Planning	$136,377	$88,185	$ 85,796	$ 79,158	$ 79,158	$ 79,158
EM&V	$200,000	$200,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000
Evaluation Administrator	$25,798	$28,548	$ 32,277	$ 29,607	$ 29,607	$ 29,607
Information Technology	$122,356	$178,639	$ 152,571	$ 140,726	$ 140,726	$ 140,726
EEB Consultants	$44,501	$41,913	$ 62,288	$ 55,233	$ 55,233	$ 55,233
Audits - Financial and Operational	$10,000	$10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
PMI	$1,277,162	$1,347,734	$ 1,299,706	$ 1,111,660	$ 1,151,219	$ 1,159,448
Subtotal: Admin. & Planning	**$1,973,476**	**$2,035,586**	**$ 2,071,749**	**$ 1,917,417**	**$ 1,956,976**	**$ 1,965,205**
TOTAL	**$22,314,798**	**$23,467,632**	**$ 22,429,598**	**$ 23,439,700**	**$ 24,270,432**	**$ 24,443,246**

Table D1 – Eversource Natural Gas Annual Savings CCF (2014-2024)

Table D1
Eversource CT Gas – Annual Savings (ccf)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential New Construction	89,997	136,229	107,504	124,495	141,403	179,078	103,785	138,016	148,656	47,717	6,918
HES (Core Services, HVAC, Duct Sealing through 2015)	303,919	158,468	232,197	325,962	187,700	275,034	239,628	343,528	378,842	216,442	197,080
HVAC & Water Heating Equipment	-	-	242,925	267,816	413,231	345,175	509,323	511,471	493,784	585,556	593,413
Insulation Rebate	45,588	29,764	-	-	-	-	-	-	-	-	-
HES Early Retirement Furnace Rebate	48,552	-	-	-	-	-	-	-	-	-	-
Res High-Eff Natural Gas Furnace Replace Rebate	133,167	202,140	-	-	-	-	-	-	-	-	-
Window Rebate	5,078	3,226	-	-	-	-	-	-	-	-	-
HES – Total	**536,304**	**393,598**	**-**	**-**	**-**	**-**	**-**	**-**	-	-	-
HES-Income Eligible	593,667	420,481	412,516	416,211	369,070	273,617	220,597	289,412	273,370	213,736	211,479
Water Heating	49,272	70,702	-	-	-	-	-	-	-	-	-
Residential Behavior	-	-	-	321,474	47,498	93,782	-	-	-	9,218	9,218
Subtotal: Residential EE Portfolio	**1,269,239**	**1,021,010**	**995,142**	**1,455,958**	**1,158,902**	**1,166,686**	**1,073,333**	**1,282,426**	**1,294,651**	**1,072,668**	**1,018,109**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	505,346	774,336	458,721	324,249	344,946	502,704	617,984	406,196	198,046	350,403	417,570
Energy Opportunities	614,294	459,661	826,143	859,518	862,082	747,875	449,859	355,809	516,205	518,353	605,946
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	164,777	192,358	562,290	563,752	405,861	472,544	329,092	296,307	162,245	243,531	249,468
Small Business	57,987	53,878	66,201	95,808	104,112	53,932	3,973	18,899	7,063	68,258	95,414
Subtotal: C&I EE Portfolio	**1,342,405**	**1,480,233**	**1,913,355**	**1,843,327**	**1,717,001**	**1,777,055**	**1,400,909**	**1,077,211**	**883,559**	**1,180,545**	**1,368,397**
TOTAL	**2,611,644**	**2,501,243**	**2,908,497**	**3,299,285**	**2,875,903**	**2,943,741**	**2,474,242**	**2,359,638**	**2,178,210**	**2,253,213**	**2,386,506**

Table D2 – Eversource Natural Gas Lifetime Savings CCF (2014-2024)

Table D2
Eversource CT Gas – Lifetime Savings (ccf)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget
RESIDENTIAL											
Residential New Construction	2,045,134	3,271,203	2,657,738	2,904,240	3,247,525	4,289,703	2,436,384	3,450,404	3,716,388	1,192,915	172,952
HES (Core Services, HVAC, Duct Sealing through 2015)	5,536,786	2,997,099	4,397,581	6,073,461	3,560,522	5,187,631	4,385,006	7,447,831	7,766,087	4,319,348	3,921,640
HVAC & Water Heating Equipment	-	-	4,845,878	5,355,264	8,262,599	6,903,273	9,123,944	9,565,167	9,121,149	9,908,489	10,132,888
Insulation Rebate	1,139,707	744,112	-	-	-	-	-	-	-	-	-
HES Early Retirement Furnace Rebate	940,461	-	-	-	-	-	-	-	-	-	-
Res High-Eff Natural Gas Furnace Replace Rebate	2,615,788	4,042,806	-	-	-	-	-	-	-	-	-
Window Rebate	101,568	64,512	-	-	-	-	-	-	-	-	-
HES - Total	**10,334,310**	**7,848,529**	**-**	**-**	**-**	**-**	**-**	**-**	-	-	-
HES-Income Eligible	11,276,075	8,697,544	7,535,882	8,142,754	7,536,237	5,184,877	4,375,975	5,835,533	5,728,226	4,181,256	4,137,113
Water Heating	944,742	1,329,986	-	-	-	-	-	-	-	-	-
Residential Behavior	-	-	-	861,903	122,689	242,243	-	-	-	18,436	18,436
Subtotal: Residential EE Portfolio	**24,600,260**	**21,147,262**	**19,437,079**	**23,337,622**	**22,729,572**	**21,807,727**	**20,321,310**	**26,298,936**	**26,331,850**	**19,620,444**	**18,383,029**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	7,665,291	14,168,474	6,862,601	4,932,458	5,016,971	7,603,047	8,692,263	6,153,176	3,072,515	5,364,262	6,394,061
Energy Opportunities	7,136,800	5,687,189	8,948,254	9,274,301	8,677,066	7,417,585	4,192,805	3,518,080	6,467,130	5,261,104	6,150,138
Business & Energy Sustain-ability (O&M, RCx, CSP/SEM)	958,524	1,120,186	3,456,389	3,428,408	2,301,322	3,500,467	2,471,981	1,774,536	954,192	1,871,358	1,916,980
Small Business	693,581	738,098	771,880	1,335,130	1,273,289	733,850	46,418	218,513	80,745	1,088,950	1,522,188
Subtotal: C&I EE Portfolio	**16,454,196**	**21,713,947**	**20,039,124**	**18,970,297**	**17,268,648**	**19,254,949**	**15,403,467**	**11,664,305**	**10,574,582**	**13,585,673**	**15,983,367**
TOTAL	**41,054,456**	**42,861,209**	**39,476,203**	**42,307,919**	**39,998,220**	**41,062,676**	**35,724,776**	**37,963,241**	**36,906,433**	**33,206,118**	**34,366,396**

Table D3 - Eversource Natural Gas Cost per Annual Savings CCF (2014-2024)

Table D3
Eversource CT Gas - Cost per Annual Savings (ccf) (2014-2024)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential New Construction	$7.532	$5.614	$6.441	$7.080	$6.496	$4.956	$4.718	$5.960	$4.648	$6.658	$18.638
HES (Core Services, HVAC, Duct Sealing through 2015)	$8.378	$8.721	$12.714	$10.369	$9.820	$9.354	$12.075	$13.417	$9.770	$18.375	$19.280
HVAC & Water Heating Equipment	$ -	$ -	$6.868	$5.541	$7.112	$9.971	$8.980	$8.593	$8.411	$5.194	$5.201
Insulation Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.000	$0.000	$0.000
HES Early Retirement Furnace Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.000	$0.000	$0.000
Res High-Eff Natural Gas Furnace Replace Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.000	$0.000	$0.000
Window Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.000	$0.000	$0.000
HES - Total	**$8.378**	**$8.721**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$0.000**	**$0.000**	**$0.000**
HES-Income Eligible	$9.458	$11.060	$11.941	$11.093	$11.922	$12.443	$19.509	$21.170	$21.758	$24.640	$24.512
Water Heating	$6.680	$7.409	$ -	$ -	$ -	$ -	$ -	$ -	$0.000	$0.000	$0.000
Residential Behavior	$ -	$ -	$ -	$1.910	$3.526	$4.420	$ -	$ -	$0.000	$1.085	$1.085
Subtotal: Residential EE Portfolio	**$8.757**	**$9.179**	**$10.473**	**$7.539**	**$8.860**	**$9.189**	**$11.423**	**$12.440**	**$11.195**	**$11.758**	**$11.991**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$6.005	$3.402	$4.536	$4.944	$5.309	$6.321	$5.681	$9.242	$10.407	$10.519	$10.109
Energy Opportunities	$3.343	$3.629	$5.006	$4.137	$4.753	$4.328	$7.507	$2.058	$5.693	$6.564	$6.409
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$1.815	$1.139	$1.206	$0.982	$1.403	$2.057	$1.963	$1.378	$2.893	$2.892	$2.881
Small Business	$3.768	$6.108	$5.759	$8.858	$2.376	$4.096	$31.531	$14.339	$28.406	$8.480	$7.796
Subtotal: C&I EE Portfolio	**$4.176**	**$3.277**	**$3.803**	**$3.559**	**$3.929**	**$4.281**	**$5.467**	**$4.795**	**$6.417**	**$7.091**	**$6.991**
TOTAL	**$7.257**	**$6.698**	**$6.760**	**$5.967**	**$6.664**	**$6.951**	**$9.019**	**$9.945**	**$10.297**	**$10.403**	**$10.170**

Table D4 – Eversource Natural Gas Cost per Lifetime Savings CCF (2014-2024)

Table D4
Eversource CT Gas - Cost per Lifetime Savings (ccf) (2014-2024)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential New Construction	$0.331	$0.234	$0.261	$0.304	$0.283	$0.207	$0.201	$0.238	$0.186	$0.266	$0.746
HES (Core Services, HVAC, Duct Sealing through 2015)	$0.435	$0.437	$0.671	$0.556	$0.518	$0.496	$0.660	$0.619	$0.477	$0.921	$0.969
HVAC & Water Heating Equipment	$ -	$ -	$0.344	$0.277	$0.356	$0.499	$0.501	$0.459	$0.455	$0.307	$0.305
Insulation Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
HES Early Retirement Furnace Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Res High-Eff Natural Gas Furnace Replace Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Window Rebate	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
HES - Total	**$0.435**	**$0.437**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
HES-Income Eligible	$0.498	$0.535	$0.654	$0.567	$0.584	$0.657	$0.983	$1.050	$1.038	$1.260	$1.253
Water Heating	$0.348	$0.394	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Residential Behavior	$ -	$ -	$ -	$0.713	$1.365	$1.711	$ -	$ -	$ -	$0.542	$0.542
Subtotal: Residential EE Portfolio	**$0.452**	**$0.443**	**$0.536**	**$0.470**	**$0.452**	**$0.492**	**$0.603**	**$0.607**	**$0.550**	**$0.643**	**$0.664**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.396	$0.186	$0.303	$0.325	$0.365	$0.418	$0.404	$0.610	$0.671	$0.687	$0.660
Energy Opportunities	$0.288	$0.293	$0.462	$0.383	$0.211	$0.428	$0.837	$1.067	$0.319	$0.701	$0.686
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$0.312	$0.196	$0.196	$0.162	$0.247	$0.278	$0.261	$0.230	$0.492	$0.376	$0.375
Small Business	$0.315	$0.446	$0.494	$0.636	$0.194	$0.301	$2.699	$1.240	$2.485	$0.532	$0.489
Subtotal: C&I EE Portfolio	**$0.341**	**$0.223**	**$0.363**	**$0.346**	**$0.391**	**$0.395**	**$0.497**	**$0.443**	**$0.536**	**$0.616**	**$0.599**
TOTAL	**$0.462**	**$0.391**	**$0.498**	**$0.465**	**$0.479**	**$0.498**	**$0.625**	**$0.618**	**$0.608**	**$0.706**	**$0.706**

Table D5 – Eversource Natural Gas Units (2014-2024)

Table D5
Eversource CT Gas - Units
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
Residential New Construction	792	138	202	1,058	736	796	283	554	513	161	23
HES (Core Services, HVAC, Duct Sealing through 2015)	3,048	1,613	2,141	4,973	2,212	4,224	4,149	3,930	3,173	4,746	4,510
HVAC & Water Heating Equipment	-	-	3,350	3,393	4,783	5,406	22,633	16,878	28,698	33,410	32,164
Insulation Rebate	333	306	-	-	-	-	-	-	-	-	-
HES Early Retirement Furnace Rebate	394	-	-	-	-	-	-	-	-	-	-
Res High-Eff Natural Gas Furnace Replace Rebate	1,334	2,108	-	-	-	-	-	-	-	-	-
Window Rebate	529	336	-	-	-	-	-	-	-	-	-
HES - Total	**5,638**	**4,363**	-	-	-	-	-	-	-	-	-
HES-Income Eligible	4,070	2,978	2,205	8,590	4,036	3,808	5,485	4,479	2,985	5,885	5,823
Water Heating	752	1,084	-	-	-	-	-	-	-	-	-
Residential Behavior	-	-	-	95,000	29,750	59,270	-	-	-	22,000	22,000
Subtotal: Residential EE Portfolio	**11,252**	**8,563**	**7,898**	**113,014**	**41,517**	**73,504**	**32,550**	**25,841**	**35,369**	**66,201**	**64,519**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	153	150	172	192	153	205	292	19	11	20	24
Energy Opportunities	55	49	61	55	49	59	121	102	87	165	193
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	8	11	23	25	23	29	26	22	20	22	22
Small Business	62	58	50	53	64	78	39	27	39	116	162
Subtotal: C&I EE Portfolio	**278**	**268**	**306**	**325**	**289**	**371**	**478**	**170**	**157**	**322**	**400**
TOTAL	**11,530**	**8,831**	**8,204**	**113,339**	**41,806**	**73,875**	**33,028**	**26,011**	**35,526**	**66,523**	**64,919**

Eversource Gas CT PMI (2023)

EVERSOURCE CT GAS COMPANY

2023 Management Incentive Performance Indicators and Incentive Matrix

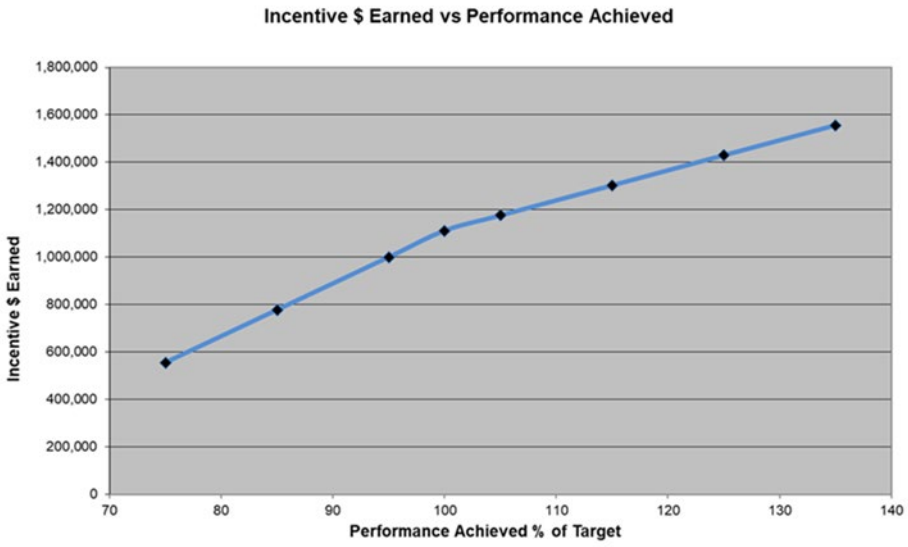
Eversource CT Gas and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB's consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected Eversource CT Gas Performance Incentive is **$1,111,660** and is based on achieving **100%** of all performance targets and earning an incentive of **5.0%** of the total EE program budget of **$22,233,200** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.50%	$558,830
85	3.50%	$778,162
95	4.50%	$1,000,494
100	**5.00%**	**$1,111,660**
105	5.29%	$1,176,136
115	5.86%	$1,302,866
125	6.43%	$1,429,595
135	7.00%	$1,556.324

Maximum Budget: $22,233,200

Goals will be prorated based on actual over/under spend of budget.



Eversource Gas CT PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**	**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$12,612,938**	New Construction	1,192,915	6.08%	Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs	0.2144	**$238,340**
		Home Energy Solutions	4,319,348	22.01%				
		HVAC	9,908,489	50.50%				
		HES-Income Eligible	4,181,256	21.31%		**$30,585,992**		
		Behavior	18,436	0.09%				
		Total	**19,620,444**					
		Savings Rate	**$1.5589**	/ ccf				
		Savings	**$30,585,992**					
		(1) percent of target goal						
Net Residential Gas Benefit:						**$17,973,054**	0.2144	**$238,340**
Home Energy Solutions	**$3,977,145**	Achieve ccf savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (170.20*102%=173.60).			ccf/home	Achieve 173.60 ccf savings/ single-family home	0.0450	**$50,025**
HES-Income Eligible	**$5,266,439**	Achieve ccf savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (154.80*102%=157.90).			ccf/home	Achieve 157.90 ccf savings/ single-family home	0.0450	**$50,025**

Eversource Gas CT PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$8,371,583**	Energy Conscious Blueprint	5,364,262	39.48%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$206,324**
		Energy Opportunities	5,261,104	38.73%				
		Business and Energy Sustainability	1,871,358	13.77%		**$20,240,024**		
		Small Business	1,088,950	8.02%				
		Total	**13,585,673**					
		Savings Rate	**$1.4898**	/ccf				
		Savings	**$20,240,024**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$11,868,441**	0.1856	**$206,324**
Small Business	**$578,815**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (100%+5%)= 100% Max.			**%** of Gas Projects	100% of signed projects	0.0500	**$55,583**
Energy Conscious Blueprint / Energy Opportunities	**$7,088,570**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (68%+5%=73%).			**%** of Gas Projects	73% of signed projects	0.0500	**$55,583**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$11,117**
Total Incentives							**1.00000**	**$1,111,660**

Eversource Gas CT PMI (2024)

EVERSOURCE CT GAS COMPANY

2024 Management Incentive Performance Indicators and Incentive Matrix

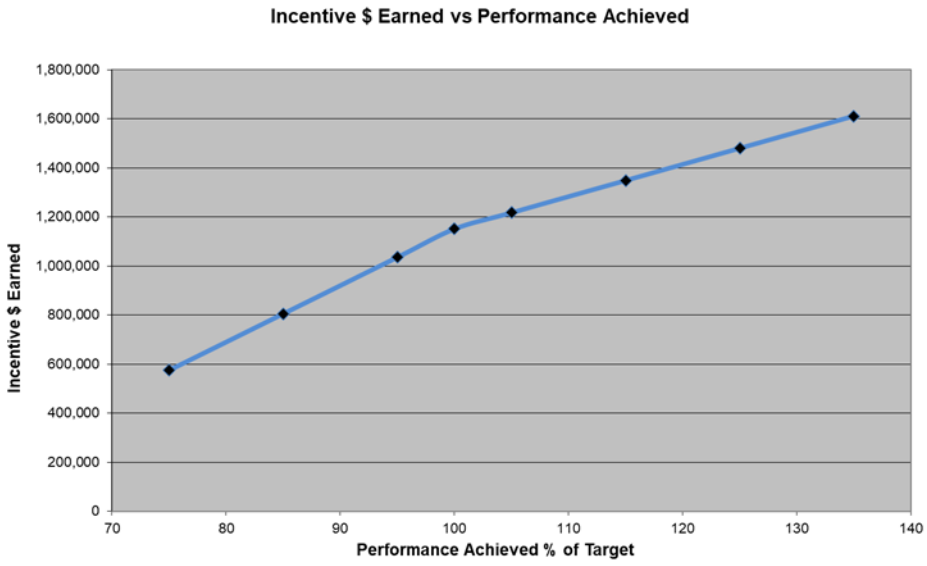
Eversource CT Gas and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB's consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected Eversource CT Gas Performance Incentive is **$1,151,219** and is based on achieving **100%** of all performance targets and earning an incentive of **5.0%** of the total EE program budget of **$23,024,373** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.50%	$575,609
85	3.50%	$805,853
95	4.50%	$1,036,097
100	**5.00%**	**$1,151,219**
105	5.29%	$1,217,989
115	5.86%	$1,349,228
125	6.43%	$1,480,467
135	7.00%	$1,611,706

Maximum Budget: $23,024,373

Goals will be prorated based on actual over/under spend of budget.



Eversource Gas CT PMI (2024) (continued)

SECTOR / Program		Performance Indicators				Incentive Metrics			
						Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**		**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$12,208,545**					Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs	0.2144	**$246,821**
		New Construction	172,952		0.94%				
		Home Energy Solutions	3,921,640		21.33%				
		HVAC	10,132,888		55.12%				
		HES-Income Eligible	4,137,113		22.51%		**$29,038,726**		
		Behavior	18,436		0.10%				
		Total	**18,383,029**						
		Savings Rate	**$1.5796**	/ ccf					
		Savings	**$29,038,726**						
		(1) percent of target goal							
Net Residential Gas Benefit:							**$16,830,182**	0.2144	**$246,821**
Home Energy Solutions	**$3,799,718**	Achieve ccf savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).				ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$51,805**
HES-Income Eligible	**$5,183,773**	Achieve ccf savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).				ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$51,805**

Eversource Gas CT PMI (2024) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$9,567,149**	Energy Conscious Blueprint	6,394,061	40.00%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$213,666**
		Energy Opportunities	6,150,138	38.48%				
		Business and Energy Sustainability	1,916,980	11.99%		**$24,103,313**		
		Small Business	1,522,188	9.52%				
		Total	**15,983,367**					
		Savings Rate	**$1.5080** /ccf					
		Savings	**$24,103,313**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$14,536,164**	0.1856	**$213,666**
Small Business	**$743,850**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$57,561**
Energy Conscious Blueprint / Energy Opportunities	**$8,104,573**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$57,561**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$11,512**
Total Incentives							**1.00000**	**$1,151,219**

D.7 Connecticut Natural Gas Budget and Savings Tables

Table A – Connecticut Natural Gas (2022-2025)

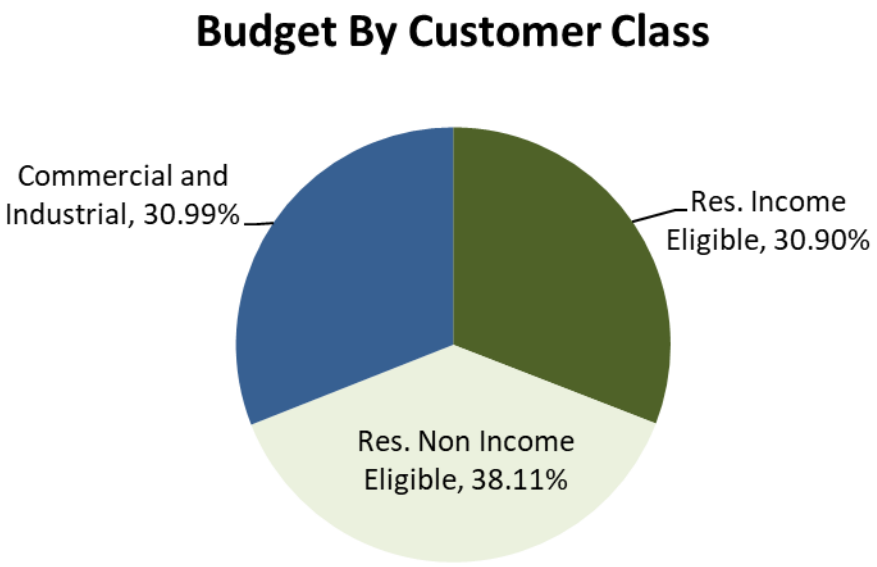
Table A: Connecticut Natural Gas
2022-2025 Natural Gas Conservation Budget

Connecticut Natural Gas EE Budget	2022 CNG Actual 12/31/2022	2023 CNG Proposed Budget 03/01/2023	2024 CNG Proposed Budget 03/01/2023	2025 CNG Proposed Budget 03/01/2023
RESIDENTIAL				
Residential New Construction	$ 404,025	$ 232,032	$ 113,213	$ 59,697
Home Energy Solutions	$ 3,518,380	$ 2,581,035	$ 3,069,500	$ 3,128,430
HVAC & Water Heating Equipment	$ 1,411,931	$ 826,626	$ 978,779	$ 984,168
HES-Income Eligible	$ 3,770,628	$ 3,750,228	$ 4,555,722	$ 4,632,721
Residential Behavior	$ 127,600	$ 133,179	$ 159,472	$ 160,350
Subtotal: Residential EE Portfolio	**$ 9,232,564**	**$ 7,523,100**	**$ 8,876,685**	**$ 8,965,366**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$ 1,053,896	$ 1,616,259	$ 1,974,478	$ 1,964,415
Energy Opportunities	$ 605,936	$ 896,951	$ 1,085,336	$ 1,080,182
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$ 225,766	$ 473,690	$ 594,348	$ 591,281
Small Business	$ 120,031	$ 370,059	$ 423,750	$ 484,346
Subtotal: C&I EE Portfolio	**$ 2,005,629**	**$ 3,356,959**	**$ 4,077,912**	**$ 4,120,224**
DEMAND MANAGEMENT				
Demand Management - Residential	$ -	$ 551,297	$ 551,297	$ 551,297
Demand Management - C&I	$ 90,221	$ 269,977	$ 269,977	$ 269,977
Subtotal Demand Management	**$ 90,221**	**$ 821,273**	**$ 821,273**	**$ 821,273**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$ 30,380	$ 76,667	$ 76,667	$ 76,667
Workforce Development	$ 9,830	$ 82,667	$ 82,667	$ 82,667
Community Outreach	$ 24,359	$ 80,000	$ 80,000	$ 80,000
Customer Engagement Initiative	$ 3,114	$ 50,000	$ 50,000	$ 50,000
Subtotal: Education & Engagement	**$ 67,683**	**$ 289,334**	**$ 289,334**	**$ 289,334**
OTHER - PROGRAMS/REQUIREMENTS				
Financing Support – Residential	$ 83,922	$ 86,292	$ 86,292	$ 86,292
Financing Support - C&I	$ -	$ 20,000	$ 20,000	$ 20,000
Research, Development and Demonstration	$ 34,441	$ 50,000	$ 50,000	$ 50,000
Subtotal: Programs/Requirements	**$ 118,363**	**$ 156,292**	**$ 156,292**	**$ 156,292**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$ 188,145	$ 186,202	$ 186,202	$ 186,202
Marketing Plan	$ 48,714	$ 40,100	$ 40,100	$ 40,100
Planning	$ 183,763	$ 122,148	$ 122,148	$ 122,148
Evaluation Measurement and Verification	$ 305,340	$ 300,000	$ 300,000	$ 300,000
Evaluation Administrator	$ 29,607	$ 29,607	$ 29,607	$ 29,607
Information Technology	$ 542,117	$ 284,822	$ 260,822	$ 260,822
Energy Efficiency Board Consultants	$ 53,333	$ 55,233	$ 55,233	$ 55,233
Audits - Financial and Operational	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Performance Management Incentive	$ 806,837	$ 654,011	$ 756,538	$ 763,088
Subtotal: Other - Administrative & Planning	**$ 2,167,856**	**$ 1,682,122**	**$ 1,760,649**	**$ 1,767,199**
TOTAL	**$ 13,682,316**	**$ 13,829,080**	**$ 15,982,145**	**$ 16,119,687**

Table A Pie Chart - Connecticut Natural Gas (2023)

Connecticut Natural Gas

2023 Budget Analysis



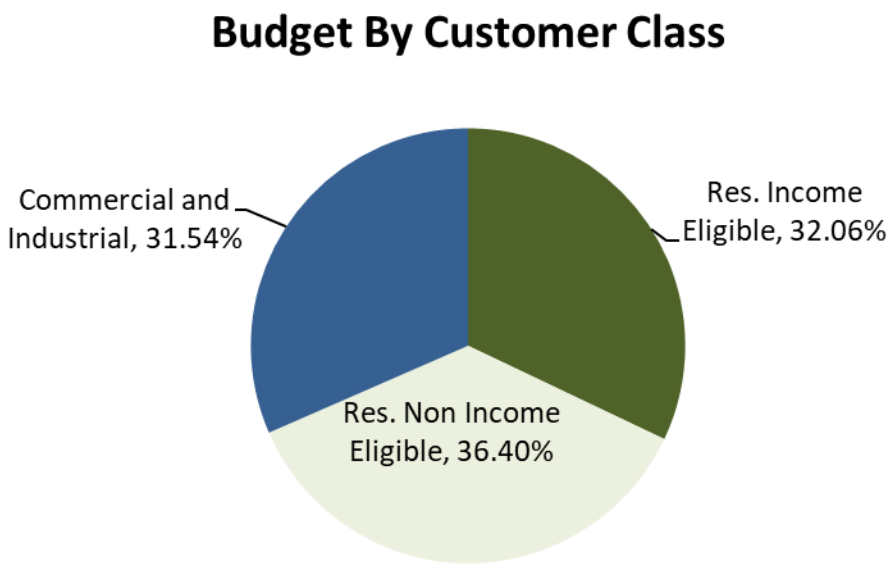
Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$3,750,228	27.12%	30.90%
Res. Non-Income-Eligible	$4,625,208	33.45%	38.11%
Residential Subtotal	**$8,375,436**	**60.56%**	**69.01%**
Commercial and Industrial	$3,761,622	27.20%	30.99%
C&I Subtotal	**$3,761,622**	**27.20%**	**30.99%**
Residential and C&I Subtotal	**$12,137,058**	**87.76%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,692,022	12.24%	
Other Expenditures Subtotal	**$1,692,022**	**12.24%**	
TOTAL	**$13,829,080**	**100.00%**	

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Table A Pie Chart - Connecticut Natural Gas (2024)

Connecticut Natural Gas
2024 Budget Analysis



Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$4,555,722	28.51%	32.06%
Res. Non-Income-Eligible	$5,173,299	32.37%	36.40%
Residential Subtotal	**$9,729,021**	**60.87%**	**68.46%**
Commercial and Industrial	$4,482,575	28.05%	31.54%
C&I Subtotal	**$4,482,575**	**28.05%**	**31.54%**
Residential and C&I Subtotal	**$14,211,596**	**88.92%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,770,549	11.08%	
Other Expenditures Subtotal	**$1,770,549**	**11.08%**	
TOTAL	**$15,982,145**	**100.00%**	

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Connecticut Natural Gas Table A Budget Allocation (2022-2024)

Table A Pie Sector Allocation			
	Residential	C&I	Other
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	80%	20%	0%
Workforce Development	50%	50%	0%
Community Outreach	50%	50%	0%
Customer Engagement Initiative	80%	20%	0%
OTHER - PROGRAMS/REQUIREMENTS			
Financing Support – Residential	100%	0%	0%
Financing Support – C&I	0%	100%	0%
Research, Development & Demonstration	0%	0%	100%
OTHER – LOAD MANAGEMENT			
Demand Response	0$	100%	0%
OTHER - ADMINISTRATIVE & PLANNING			
Administration	0%	0%	100%
Marketing Plan	80%	20%	0%
Planning	0%	0%	100%
Evaluation Measurement and Verification	0%	0%	100%
Evaluation Administrator	0%	0%	100%
Information Technology	0%	0%	100%
Energy Efficiency Board Consultants	0%	0%	100%
Audit - Financial and Operational	0%	0%	100%
Performance Management Incentive	0%	0%	100%
Note: Core Residential and C&I programs that produce savings are allocated 100% to the Residential and C&I sectors, respectively. Other programs budgets are allocated to both Residential and C&I sectors based on an estimated percentage of the sector that those dollars will directly benefit by the percentages above.			

Table B – Connecticut Natural Gas (2023)

2023 CNG	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$232	$232	$434	$657	$1,282	$1,282	2.83	5.53	2.95	194	Homes
Home Energy Solutions	$2,581	$2,581	$2,581	$1,532	$2,963	$3,288	0.59	1.15	1.27	1,540	Homes
HVAC & Water Heating Equipment	$827	$827	$1,257	$1,038	$2,032	$2,032	1.26	2.46	1.62	1,092	Units
HES-Income Eligible	$3,750	$3,750	$3,750	$2,672	$5,165	$7,209	0.71	1.38	1.92	1,238	Homes
Behavior	$133	$133	$133	$262	$452	$452	1.97	3.40	3.40	15,080	Units
Subtotal: Residential	**$7,523**	**$7,523**	**$8,155**	**$6,161**	**$11,894**	**$14,263**	**0.82**	**1.58**	**1.75**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$1,616	$1,616	$2,687	$1,615	$3,349	$3,349	1.00	2.07	1.25	169	Projects
Energy Opportunities	$897	$897	$1,452	$821	$1,706	$1,706	0.92	1.90	1.17	57	Projects
BES	$474	$474	$754	$877	$1,760	$1,760	1.85	3.72	2.34	8	Projects
Small Business	$370	$370	$575	$346	$730	$730	0.93	1.97	1.27	114	Projects
Subtotal: C&I	**$3,357**	**$3,357**	**$5,468**	**$3,658**	**$7,545**	**$7,545**	**1.09**	**2.25**	**1.38**	-	-
Other											
Subtotal: Other	**$2,949**	**$2,949**	**$2,949**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$13,829**	**$13,829**	**$16,572**	**$9,819**	**$19,439**	**$21,808**	**0.71**	**1.41**	**1.32**	-	-

Table B – Connecticut Natural Gas (2023) (continued)

2023 CNG	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	34,061	851,526	125	$6.812	$0.272	$1,854	$74	3,505	87,622	$66	$3	252	6,302
Home Energy Solutions	98,870	1,904,461	871	$26.105	$1.355	$2,963	$154	10,174	195,969	$254	$13	734	14,141
HVAC & Water Heating Equipment	66,288	1,321,755	569	$12.470	$0.625	$1,454	$73	6,821	136,009	$121	$6	491	9,782
HES-Income Eligible	167,545	3,328,695	13,454	$22.383	$1.127	$279	$14	17,240	342,523	$218	$11	1,240	24,634
Behavior	**116,211**	**232,421**	-	**$1.146**	**$0.573**	**$ -**	**$ -**	**11,958**	**23,916**	**$11**	**$6**	**860**	**1,720**
Subtotal: Residential	**482,974**	**7,638,858**	**15,019**	**$15.577**	**$0.985**	**$501**	**$32**	**49,698**	**786,039**	**$151**	**$10**	**3,576**	**56,579**
Commercial & Industrial													
Energy Conscious Blueprint	126,925	2,290,075	1,342	$12.734	$0.706	$1,204	$67	13,061	235,649	$124	$7	939	16,948
Energy Opportunities	119,524	1,120,415	1,231	$7.504	$0.801	$729	$78	12,299	115,291	$73	$8	885	8,292
BES	140,709	1,110,190	1,817	$3.366	$0.427	$261	$33	14,479	114,239	$33	$4	1,041	8,216
Small Business	38,389	496,866	276	$9.640	$0.745	$1,339	$103	3,950	51,128	$94	$7	284	3,677
Subtotal: C&I	**425,547**	**5,017,546**	**4,666**	**$7.889**	**$0.669**	**$719**	**$61**	**43,789**	**516,305**	**$77**	**$7**	**3,149**	**37,133**
OTHER													
Subtotal: Other	-	-	-	$ -	$ -	-	$ -	-	-	$ -	$ -	-	-
TOTAL	**908,522**	**12,656,404**	**19,686**	**$15.222**	**$1.093**	**$702**	**$50**	**93,487**	**1,302,344**	**$148**	**$11**	**6,725**	**93,712**

Table B – Connecticut Natural Gas (2024)

2024 CNG	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$113	$113	$214	$331	$649	$649	2.92	5.74	3.03	97	Homes
Home Energy Solutions	$3,069	$3,069	$3,069	$1,919	$3,744	$4,160	0.63	1.22	1.36	1,926	Homes
HVAC & Water Heating Equipment	$979	$979	$1,508	$1,281	$2,529	$2,529	1.31	2.58	1.68	1,345	Units
HES-Income Eligible	$4,556	$4,556	$4,556	$3,263	$6,364	$8,877	0.72	1.40	1.95	1,676	Homes
Behavior	**$159**	**$159**	**$159**	**$244**	**$430**	**$430**	**1.53**	**2.70**	**2.70**	**14,326**	**Units**
Subtotal: Residential	**$8,877**	**$8,877**	**$9,507**	**$7,038**	**$13,717**	**$16,645**	**0.79**	**1.55**	**1.75**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$1,966	$1,966	$3,388	$2,127	$4,429	$4,429	1.08	2.25	1.31	224	Projects
Energy Opportunities	$1,090	$1,090	$1,838	$1,088	$2,281	$2,281	1.00	2.09	1.24	77	Projects
BES	$575	$575	$957	$1,170	$2,374	$2,374	2.03	4.13	2.48	11	Projects
Small Business	$446	$446	$766	$528	$1,121	$1,121	1.18	2.51	1.46	137	Projects
Subtotal: C&I	**$4,078**	**$4,078**	**$6,948**	**$4,913**	**$10,204**	**$10,204**	**1.20**	**2.50**	**1.47**	-	-
Other											
Subtotal: Other	**$3,028**	**$3,028**	**$3,028**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$15,982**	**$15,982**	**$19,483**	**$11,952**	**$23,921**	**$26,849**	**0.75**	**1.50**	**1.38**	-	-

Table B – Connecticut Natural Gas (2024) (continued)

2024 CNG	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	17,031	425,763	63	$6.648	$0.266	$1,809	$72	1,752	43,811	$65	$3	126	3,151
Home Energy Solutions	123,644	2,381,668	1,089	$24.825	$1.289	$2,818	$146	12,723	245,074	$241	$13	917	17,684
HVAC & Water Heating Equipment	81,595	1,626,970	700	$11.996	$0.602	$1,399	$70	8,396	167,415	$117	$6	604	12,041
HES-Income Eligible	203,840	4,061,444	16,703	$22.349	$1.122	$273	$14	20,975	417,923	$217	$11	1,509	30,057
Behavior	**111,538**	**223,076**	**-**	**$1.430**	**$0.715**	**$ -**	**$ -**	**11,477**	**22,955**	**$14**	**$7**	**825**	**1,651**
Subtotal: Residential	**537,648**	**8,718,921**	**18,555**	**$16.510**	**$1.018**	**$478**	**$30**	**55,324**	**897,177**	**$160**	**$10**	**3,981**	**64,584**
Commercial & Industrial													
Energy Conscious Blueprint	165,108	2,979,000	1,746	$11.910	$0.660	$1,126	$62	16,990	306,539	$116	$6	1,222	22,046
Energy Opportunities	157,913	1,480,264	1,626	$6.902	$0.736	$670	$71	16,249	152,319	$67	$7	1,169	10,955
BES	187,925	1,482,721	2,427	$3.060	$0.388	$237	$30	19,337	152,572	$30	$4	1,391	10,973
Small Business	58,129	752,356	418	$7.681	$0.593	$1,067	$82	5,981	77,417	$75	$6	430	5,568
Subtotal: C&I	**569,074**	**6,694,340**	**6,217**	**$7.166**	**$0.609**	**$656**	**$56**	**58,558**	**688,848**	**$70**	**$6**	**4,211**	**49,542**
Other													
Subtotal: Other	-	-	-	$ -	$ -	-	$ -	-	-	$ -	$ -	-	-
TOTAL	**1,106,722**	**15,413,261**	**24,772**	**$14.441**	**$1.037**	**$645**	**$46**	**113,882**	**1,586,025**	**$140**	**$10**	**8,193**	**114,126**

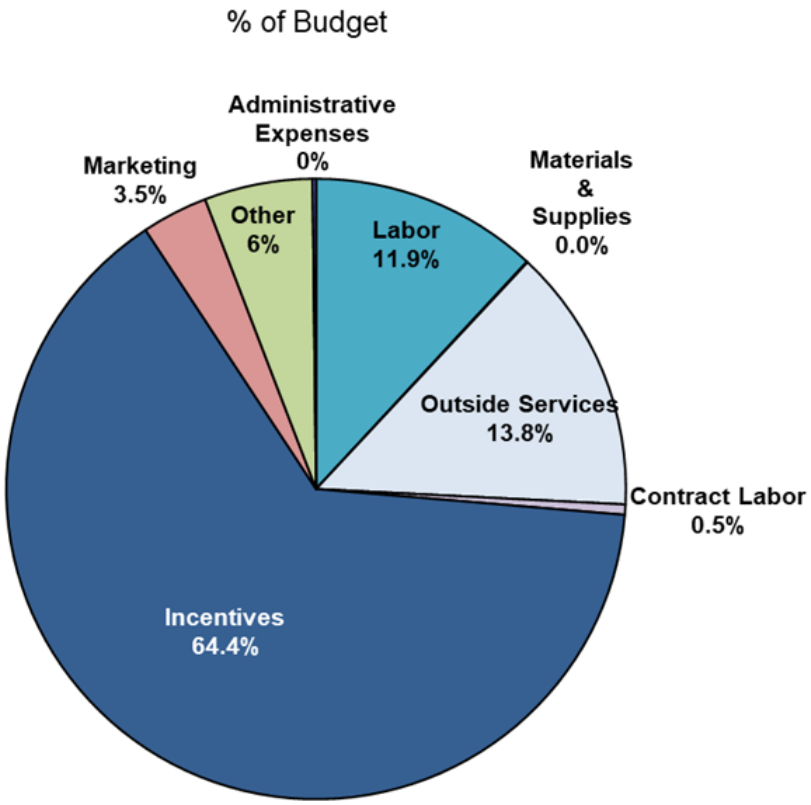
Table C – Connecticut Natural Gas (2023)

Table C
CNG 2023 EE Budget Details

CNG EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$48,454	$100	$6,000	$750	$170,372	$5,106	$438	$813	$232,032
Home Energy Solutions	$268,193	$700	$217,733	$50,000	$1,909,743	$130,639	$1,409	$2,618	$2,581,035
HVAC & Water Heating Equipment	$55,915	$325	$97,937	$3,900	$639,889	$26,710	$683	$1,268	$826,626
HES-Income Eligible	$268,193	$1,000	$130,000	$6,000	$3,243,014	$99,421	$910	$1,690	$3,750,228
Residential Behavior	$24,578	$100	$108,501	$ -	$ -	$ -	$ -	$ -	$133,179
Subtotal: Residential EE Portfolio	**$665,332**	**$2,225**	**$560,172**	**$60,650**	**$5,963,019**	**$261,876**	**$3,439**	**$6,388**	**$7,523,100**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$150,458	$1,000	$163,702	$3,000	$1,227,883	$60,000	$3,417	$6,800	$1,616,259
Energy Opportunities	$150,458	$700	$27,316	$4,000	$650,228	$60,000	$250	$4,000	$896,951
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$121,902	$500	$12,712	$1,000	$310,425	$25,000	$250	$1,900	$473,690
Small Business	$84,314	$200	$59,250	$5,000	$194,674	$24,220	$500	$1,900	$370,059
Subtotal: C&I EE Portfolio	**$507,132**	**$2,400**	**$262,980**	**$13,000**	**$2,383,210**	**$169,220**	**$4,417**	**$14,600**	**$3,356,959**
DEMAND MANAGEMENT									
Demand Mgmt. - Res	$42,884	$ -	$70,288	$ -	$438,125	$ -	$ -	$ -	$551,297
Demand Mgmt. - C&I	$42,884	$ -	$107,093	$ -	$120,000	$ -	$ -	$ -	$269,977
Subtotal: Demand Management	**$85,768**	$ -	**$177,380**	$ -	**$558,125**	$ -	$ -	$ -	**$821,273**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$10,329	$363	$53,184	$ -	$ -	$1,815	$8,444	$2,533	$76,667
Workforce Development	$ -	$ -	$82,667	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$11,194	$390	$61,138	$ -	$ -	$4,196	$2,371	$712	$80,000
Customer Engagement Initiative	$3,561	$139	$42,840	$ -	$ -	$321	$2,414	$724	$50,000
Subtotal: Education & Engagement	**$25,084**	**$892**	**$239,828**	$ -	$ -	**$6,332**	**$13,229**	**$3,969**	**$289,334**
Financing Support - Res	$ -	$ -	$ -	$ -	$ -	$ -	$86,292	$ -	$86,292
Financing Support – C&I	$ -	$ -	$ -	$ -	$ -	$ -	$20,000	$ -	$20,000
RD&D	$ -	$ -	$50,000	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	$ -	$ -	**$50,000**	$ -	$ -	$ -	**$106,292**	$ -	**$156,292**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$178,628	$ -	$7,574	$ -	$ -	$ -	$ -	$ -	$186,202
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$122,148	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$122,148
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$63,501	$ -	$221,321	$ -	$ -	$ -	$ -	$ -	$284,822
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
PMI	$ -	$ -	$ -	$ -	$ -	$ -	$654,011	$ -	$654,011
Subtotal: Other	**$364,276**	$ -	**$623,734**	$ -	$ -	**$40,100**	**$654,011**	$ -	**$1,682,122**
TOTAL BUDGET	**$1,647,592**	**$5,517**	**$1,914,095**	**$73,650**	**$8,904,353**	**$477,528**	**$781,388**	**$24,957**	**$13,829,080**

Table C Pie Chart – Connecticut Natural Gas (2023)

CONNECTICUT NATURAL GAS
2023 Gas Conservation
Budget By Expense Class



Expense Classes	Budget	% of Budget
Labor	$ 1,647,592	11.9%
Materials & Supplies	$ 5,517	0.0%
Outside Services	$ 1,914,095	13.8%
Contract Labor	$ 73,650	0.5%
Incentives	$ 8,904,353	64.4%
Marketing	$ 477,528	3.5%
Other	$ 781,388	5.7%
Administrative Expenses	$ 24,957	0.2%
Total	**$ 13,829,080**	**100.00%**

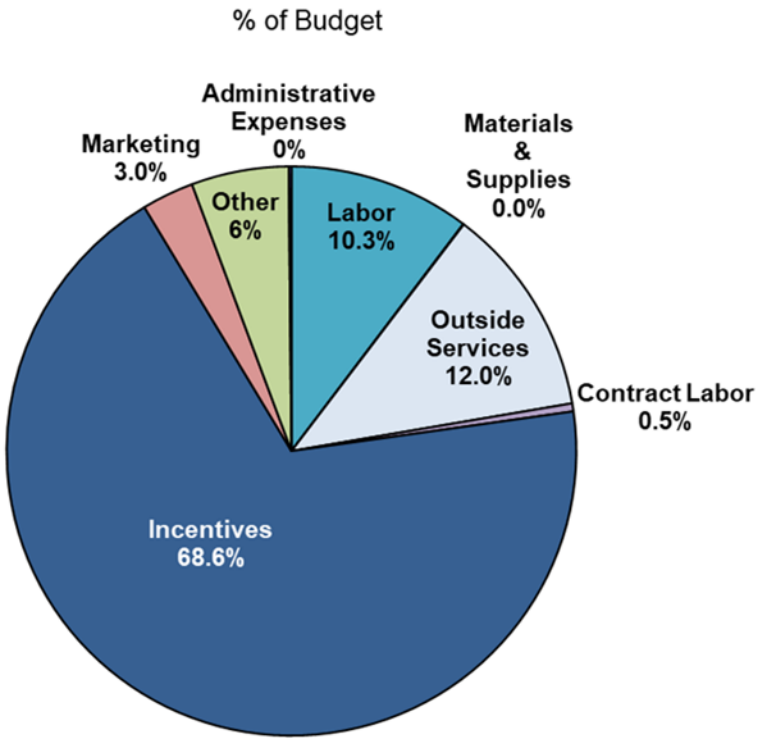
Table C – Connecticut Natural Gas (2024)

Table C
CNG 2024 EE Budget Details

CNG EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$19,382	$40	$6,000	$300	$84,949	$2,042	$175	$325	$113,213
Home Energy Solutions	$279,568	$680	$217,733	$49,850	$2,388,273	$129,618	$1,322	$2,456	$3,069,500
HVAC & Water Heating Equipment	$60,307	$325	$97,937	$3,900	$787,650	$26,710	$683	$1,268	$978,779
HES-Income Eligible	$279,568	$980	$130,000	$5,850	$4,038,574	$98,400	$823	$1,528	$4,555,722
Residential Behavior	$26,508	$100	$132,863	$ -	$ -	$ -	$ -	$ -	$159,472
Subtotal: Residential EE Portfolio	**$665,332**	**$2,125**	**$584,533**	**$59,900**	**$7,299,446**	**$256,771**	**$3,002**	**$5,576**	**$8,876,685**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$150,458	$1,000	$163,702	$3,000	$1,586,102	$60,000	$3,417	$6,800	$1,974,478
Energy Opportunities	$150,458	$700	$27,316	$4,000	$838,612	$60,000	$250	$4,000	$1,085,336
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$121,902	$500	$12,712	$1,000	$431,083	$25,000	$250	$1,900	$594,348
Small Business	$84,314	$200	$59,250	$5,000	$248,365	$24,220	$500	$1,900	$423,750
Subtotal: C&I EE Portfolio	**$507,132**	**$2,400**	**$262,980**	**$13,000**	**$3,104,163**	**$169,220**	**$4,417**	**$14,600**	**$4,077,912**
DEMAND MANAGEMENT									
Demand Mgmt. - Res	$42,884	$ -	$70,288	$ -	$438,125	$ -	$ -	$ -	$551,297
Demand Mgmt. - C&I	$42,884	$ -	$107,093	$ -	$120,000	$ -	$ -	$ -	$269,977
Subtotal: Demand Management	**$85,768**	$ -	**$177,380**	$ -	**$558,125**	$ -	$ -	$ -	**$821,273**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$10,329	$363	$53,184	$ -	$ -	$1,815	$8,444	$2,533	$76,667
Workforce Development	$ -	$ -	$82,667	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$11,194	$390	$61,138	$ -	$ -	$4,196	$2,371	$712	$80,000
Customer Engagement Initiative	$3,561	$139	$42,840	$ -	$ -	$321	$2,414	$724	$50,000
Subtotal: Education & Engagement	**$25,084**	**$892**	**$239,828**	$ -	$ -	**$6,332**	**$13,229**	**$3,969**	**$289,334**
OTHER - PROGRAMS/REQUIREMENTS									
Financing Support - Res	$ -	$ -	$ -	$ -	$ -	$ -	$86,292	$ -	$86,292
Financing Support – C&I	$ -	$ -	$ -	$ -	$ -	$ -	$20,000	$ -	$20,000
RD&D	$ -	$ -	$50,000	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	$ -	$ -	**$50,000**	$ -	$ -	$ -	**$106,292**	$ -	**$156,292**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$178,628	$ -	$7,574	$ -	$ -	$ -	$ -	$ -	$186,202
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$122,148	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$122,148
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$63,501	$ -	$197,321	$ -	$ -	$ -	$ -	$ -	$260,822
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
PMI	$ -	$ -	$ -	$ -	$ -	$ -	$756,538	$ -	$756,538
Subtotal: Other	**$364,276**	$ -	**$599,734**	$ -	$ -	**$40,100**	**$756,538**	$ -	**$1,760,649**
TOTAL BUDGET	**$1,647,593**	**$5,417**	**$1,914,456**	**$72,900**	**$10,961,734**	**$472,423**	**$883,478**	**$24,144**	**$15,982,145**

Table C Pie Chart – Connecticut Natural Gas (2024)

CONNECTICUT NATURAL GAS
2024 Gas Conservation
Budget By Expense Class



Expense Classes	Budget	% of Budget
Labor	$ 1,647,593	10.3%
Materials & Supplies	$ 5,417	0.0%
Outside Services	$ 1,914,456	12.0%
Contract Labor	$ 72,900	0.5%
Incentives	$ 10,961,734	68.6%
Marketing	$ 472,423	3.0%
Other	$ 883,478	5.5%
Administrative Expenses	$ 24,144	0.2%
Total	**$ 15,982,145**	**100.00%**

Table D –Connecticut Natural Gas Historical and Projected Expenditures (2014-2024)

Table D: CNG Historical and Projected $ (2014-2024)
Expenditures $ (000)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual
RESIDENTIAL						
HES-Income Eligible	$2,912	$4,513	$4,256	$5,307	$4,987	$345
Home Energy Solutions	$4,584	$3,342	$2,439	$2,356	$1,846	$1,653
HVAC & Water Heating Equipment	$97	$344	$1,870	$1,746	$2,051	$2,572
Residential New Construction	$448	$562	$710	$427	$480	$4,516
Residential Behavior	$ -	$ -	$165	$32	$138	$30
Subtotal: Residential	**$8,041**	**$8,761**	**$9,440**	**$9,868**	**$9,502**	**$9,116**
Energy Conscious Blueprint	$1,885	$1,151	$2,120	$2,297	$1,902	$1,418
Energy Opportunities	$814	$1,150	$854	$1,286	$716	$1,245
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$385	$78	$312	$602	$1,012	$403
Small Business	$199	$192	$195	$138	$212	$253
Subtotal: C&I	**$3,283**	**$2,571**	**$3,481**	**$4,323**	**$3,841**	**$3,319**
DEMAND MANAGEMENT						
Demand Management - Residential	$ -	$ -	$ -	$ -	$ -	$ -
Demand Management – C&I	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Demand Management	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
OTHER - EDUCATION & ENGAGEMENT						
Educate the Public	$ -	$ -	$33	$68	$26	$30
Customer Engagement	$ -	$ -	$30	$14	$12	$16
Educate the Students	$ -	$ -	$200	$186	$68	$70
Educate the Workforce	$ -	$ -	$94	$34	$33	$0
SmartLiving Center/Science Center	$167	$100	$ -	$ -	$ -	$ -
Eesmarts/K-12 Education	$26	$70	$ -	$ -	$ -	$ -
Clean Energy Communities	$41	$57	$ -	$ -	$ -	$ -
Subtotal: Education	**$234**	**$227**	**$294**	**$220**	**$139**	**$117**
OTHER - PROGRAMS/REQUIREMENTS						
Financing Support – Residential	$56	$77	$59	$67	$ -	$66
Financing Support - C&I	$ -	$ -	($7)	$23	$ -	$ -
RD&D	$ -	$ -	$7	$16	$55	$37
Institute for Sustainable Energy	$37	$41	$ -	$ -	$ -	$ -
ESPC Project Manager	$6	$3	$ -	$ -	$ -	$ -
C&L Loan Program	$ -	$9	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$99**	**$130**	**$59**	**$106**	**$55**	**$103**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$130	$237	$130	$172	$143	$120
Marketing Plan	$97	$85	$109	$73	$31	$18
Planning	$99	$101	$141	$169	$108	$114
EM&V	$132	$231	$200	$200	$218	$218
Evaluation Administrator	$26	$26	$20	$20	$19	$19
Information Technology	$101	$141	$109	$107	$150	$148
EEB Consultants	$24	$63	$43	$43	$32	$31
Audits - Financial and Operational	$ -	$ -	$ -	$10	$4	$10
PMI	$598	$733	$687	$896	$877	$854
Subtotal: Admin. & Planning	**$1,208**	**$1,617**	**$1,439**	**$1,690**	**$1,582**	**$1,532**
TOTAL	**$12,865**	**$13,306**	**$14,713**	**$16,207**	**$15,120**	**$14,185**

Table D – Connecticut Natural Gas CT Historical and Projected Expenditures (2014-2024)(continued)

Table D: CNG Historical and Projected $ (2014-2024)
Expenditures $ (000)

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget
RESIDENTIAL					
HES-Income Eligible	$96	$3,697	$3,771	$3,750	$4,556
Home Energy Solutions	$2,498	$4,517	$3,518	$2,581	$3,069
HVAC & Water Heating Equipment	$2,683	$3,010	$1,412	$827	$979
Residential New Construction	$470	$21	$404	$232	$113
Residential Behavior	$151	$62	$128	$133	$159
Subtotal: Residential	**$5,899**	**$11,307**	**$9,233**	**$7,524**	**$8,879**
COMMERCIAL & INDUSTRIAL					
Energy Conscious Blueprint	$4,146	$3,714	$1,054	$1,616	$1,974
Energy Opportunities	$813	$926	$606	$897	$1,085
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$419	$308	$226	$474	$594
Small Business	$119	$95	$120	$370	$424
Subtotal: C&I	**$5,496**	**$5,043**	**$2,006**	**$3,357**	**$4,078**
DEMAND MANAGEMENT					
Demand Management - Residential	$ -	$ -	$ -	$551	$551
Demand Management – C&I	$ -	$ -	$90	$270	$270
Subtotal: Demand Management	$ -	$ -	**$90**	**$821**	**$821**
OTHER - EDUCATION & ENGAGEMENT					
Educate the Public	$31	$25	$24	$80	$80
Customer Engagement	$25	$15	$3	$50	$50
Educate the Students	$65	$17	$30	$77	$77
Educate the Workforce	$ -	$ -	$10	$83	$83
SmartLiving Center/Science Center	$ -	$ -	$ -	$ -	$ -
eesmarts/K-12 Education	$ -	$ -	$ -	$ -	$ -
Clean Energy Communities	$ -	$ -	$ -	$ -	$ -
Subtotal: Education	**$121**	**$58**	**$68**	**$289**	**$289**
OTHER - PROGRAMS/REQUIREMENTS					
Financing Support – Residential	$52	$ -	$84	$86	$86
Financing Support - C&I	$ -	$ -	$ -	$20	$20
RD&D	$20	$12	$34	$50	$50
Institute for Sustainable Energy	$ -	$ -	$ -	$ -	$ -
ESPC Project Manager	$ -	$ -	$ -	$ -	$ -
C&I Loan Program	$ -	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$73**	**$12**	**$118**	**$156**	**$156**
OTHER - ADMINISTRATIVE & PLANNING					
Administration	$81	$207	$188	$186	$186
Marketing Plan	$11	$72	$49	$40	$40
Planning	$114	$100	$184	$122	$122
EM&V	$198	$200	$305	$300	$300
Evaluation Administrator	$22	$22	$30	$30	$30
Information Technology	$98	$340	$542	$285	$261
EEB Consultants	$43	$43	$53	$55	$55
Audits - Financial and Operational	$2	$10	$10	$10	$10
PMI	$728	$460	$807	$654	$757
Subtotal: Admin. & Planning	**$1,297**	**$1,454**	**$2,168**	**$1,682**	**$1,761**
TOTAL	**$12,885**	**$17,873**	**$13,682**	**$13,829**	**$15,982**

Table D1 –Connecticut Natural Gas Annual Savings CCF (2014-2024)

Table D1
CNG – Annual Savings (ccf) (000's)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible	423	451	594	473	442	369	145	321	304	168	204
HES	607	486	278	243	216	195	187	202	292	99	124
HVAC & Water Heating Equipment	16	44	257	215	269	244	232	203	337	66	82
Residential New Construction	90	49	96	97	95	79	77	180	89	34	17
Residential Behavior	-	-	89	62	-	96	-	105	58	116	112
Subtotal: Residential EE Portfolio	**1,136**	**1,030**	**1,314**	**1,090**	**1,022**	**983**	**641**	**1,012**	**1,080**	**483**	**538**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	274	256	403	528	193	213	546	231	88	127	165
Energy Opportunities	264	203	222	307	427	344	112	146	111	120	158
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	245	133	134	195	392	268	161	314	189	141	188
Small Business	14	40	16	48	24	51	7	44	4	38	58
Subtotal: C&I EE Portfolio	**797**	**632**	**775**	**1,078**	**1,036**	**876**	**826**	**734**	**391**	**426**	**569**
TOTAL	**1,934**	**1,662**	**2,089**	**2,168**	**2,058**	**1,859**	**1,467**	**1,746**	**1,471**	**909**	**1,107**

Table D2 –Connecticut Natural Gas Lifetime Savings CCF (2014-2024)

Table D2
CNG – Lifetime Savings (ccf) (000's)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible	8,285	8,660	12,047	9,848	9,235	7,965	3,065	6,348	5,961	3,329	4,061
HES	12,033	9,870	5,652	4,944	4,367	3,777	3,856	4,327	6,181	1,904	2,382
HVAC & Water Heating Equipment	285	809	5,114	4,264	5,369	4,862	4,515	4,046	5,731	1,322	1,627
Residential New Construction	2,078	1,116	2,384	2,414	2,261	2,540	1,933	4,511	2,221	852	426
Residential Behavior	-	-	232	162	-	202	-	211	116	232	223
Subtotal: Residential EE Portfolio	**22,681**	**20,455**	**25,430**	**21,632**	**21,232**	**19,346**	**13,369**	**19,442**	**20,209**	**7,639**	**8,719**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	4,233	4,136	6,233	8,415	2,926	3,006	8,654	3,556	1,279	2,290	2,979
Energy Opportunities	2,793	2,476	2,331	3,541	4,411	3,508	1,136	2,163	1,659	1,120	1,480
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	1,700	889	729	1,041	2,037	1,414	851	1,720	1,056	1,110	1,483
Small Business	217	485	181	592	277	604	74	499	47	497	752
Subtotal: C&I EE Portfolio	**8,943**	**7,986**	**9,474**	**13,589**	**9,651**	**8,532**	**10,715**	**7,937**	**4,041**	**5,018**	**6,694**
TOTAL	**31,624**	**28,441**	**34,904**	**35,221**	**30,883**	**27,878**	**24,084**	**27,379**	**24,250**	**12,656**	**15,413**

Table D3 –Connecticut Natural Gas Cost per Annual Savings CCF (2014-2024)

Table D3

CNG - Cost per Annual Savings (ccf) (2014-2024)

Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible - Weatherization	$6.884	$10.007	$7.165	$11.220	$11.283	$0.936	$0.664	$11.522	$12.412	$22.383	$22.349
Home Energy Solutions	$7.552	$6.877	$8.773	$9.695	$8.547	$8.475	$13.356	$22.320	$12.049	$26.105	$24.825
HVAC & Water Heating Equipment	$6.013	$7.818	$7.276	$8.121	$7.625	$10.541	$11.565	$14.832	$4.190	$12.470	$11.996
Residential New Construction	$4.978	$11.469	$7.396	$4.402	$5.050	$57.164	$6.110	$0.117	$4.548	$6.812	$6.648
Residential Behavior	$ -	$ -	$1.854	$0.516	$ -	$0.310	$ -	$0.591	$2.199	$1.146	$1.430
Subtotal: Residential EE Portfolio	**$7.077**	**$8.506**	**$7.184**	**$9.053**	**$9.297**	**$9.273**	**$9.202**	**$11.173**	**$8.551**	**$15.579**	**$16.514**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$6.880	$4.496	$5.261	$4.350	$9.853	$6.659	$7.593	$16.059	$12.039	$12.734	$11.959
Energy Opportunities	$3.083	$5.665	$3.847	$4.189	$1.677	$3.619	$7.261	$6.350	$5.459	$7.504	$6.873
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$1.571	$0.586	$2.328	$3.087	$2.581	$1.504	$2.599	$0.983	$1.197	$3.366	$3.163
Small Business	$13.808	$4.800	$12.188	$2.875	$8.831	$4.954	$16.959	$2.174	$30.008	$9.640	$7.290
Subtotal: C&I EE Portfolio	**$4.117**	**$4.068**	**$4.492**	**$4.010**	**$3.708**	**$3.789**	**$6.654**	**$6.866**	**$5.128**	**$7.889**	**$7.166**

Table D4 –Connecticut Natural Gas Cost per Lifetime Savings CCF (2014-2024)

Table D4

CNG - Cost per Lifetime Savings (ccf) (2014-2024)

Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible - Weatherization	$0.351	$0.521	$0.353	$0.539	$0.540	$0.043	$0.031	$0.582	$0.633	$1.127	$1.122
Home Energy Solutions	$0.381	$0.339	$0.432	$0.477	$0.423	$0.438	$0.648	$1.044	$0.569	$1.355	$1.289
HVAC & Water Heating Equipment	$0.341	$0.425	$0.366	$0.409	$0.382	$0.529	$0.594	$0.744	$0.246	$0.625	$0.602
Residential New Construction	$0.216	$0.504	$0.298	$0.177	$0.212	$1.778	$0.243	$0.005	$0.182	$0.272	$0.266
Residential Behavior	$ -	$ -	$0.711	$0.198	$ -	$0.147	$ -	$0.296	$1.100	$0.573	$0.715
Subtotal: Residential EE Portfolio	**$0.355**	**$0.428**	**$0.371**	**$0.456**	**$0.448**	**$0.471**	**$0.441**	**$0.582**	**$0.457**	**$0.985**	**$1.018**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.445	$0.278	$0.340	$0.273	$0.650	$0.472	$0.479	$1.044	$0.824	$0.706	$0.663
Energy Opportunities	$0.291	$0.464	$0.366	$0.363	$0.162	$0.355	$0.716	$0.428	$0.365	$0.801	$0.733
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$0.226	$0.088	$0.428	$0.578	$0.497	$0.285	$0.492	$0.179	$0.214	$0.427	$0.401
Small Business	$0.918	$0.396	$1.077	$0.233	$0.765	$0.418	$1.604	$0.190	$2.581	$0.745	$0.563
Subtotal: C&I EE Portfolio	**$0.367**	**$0.322**	**$0.367**	**$0.318**	**$0.398**	**$0.389**	**$0.513**	**$0.635**	**$0.496**	**$0.669**	**$0.609**

Table D5 –Connecticut Natural Gas Units (2014-2024)

Table D5
CNG – Units
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES Income Eligible – Weatherization	3,766	4,036	5,720	1,584	11,563	5,785	1,491	2,589	2,784	1,238	1,676
Home Energy Solutions	4,872	3,957	2,937	2,251	2,724	2,427	2,035	1,662	2,225	1,540	1,926
HVAC & Water Heating Equipment	288	736	2,922	2,452	3,272	3,938	4,861	3,529	8,097	1,092	1,345
Residential New Construction	163	181	275	355	1,005	408	310	507	118	194	97
Residential Behavior	-	-	26,243	26,455	-	14,432	-	15,800	14,372	15,080	14,326
Subtotal: Residential EE Portfolio	**9,089**	**8,910**	**38,097**	**33,097**	**18,564**	**26,990**	**8,697**	**24,087**	**27,596**	**19,145**	**19,369**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	97	54	125	163	118	185	262	46	107	169	224
Energy Opportunities	31	22	38	32	49	39	23	32	17	57	77
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	19	26	12	26	36	47	22	18	23	8	11
Small Business	24	31	26	28	22	54	24	60	22	114	137
Subtotal: C&I EE Portfolio	**171**	**133**	**201**	**249**	**225**	**325**	**331**	**156**	**169**	**348**	**450**
TOTAL	**9,260**	**9,043**	**38,298**	**33,346**	**18,789**	**27,315**	**9,028**	**24,243**	**27,765**	**19,493**	**19,819**

Connecticut Natural Gas PMI (2023)

CONNECTICUT NATURAL GAS

2023 Management Incentive Performance Indicators and Incentive Matrix

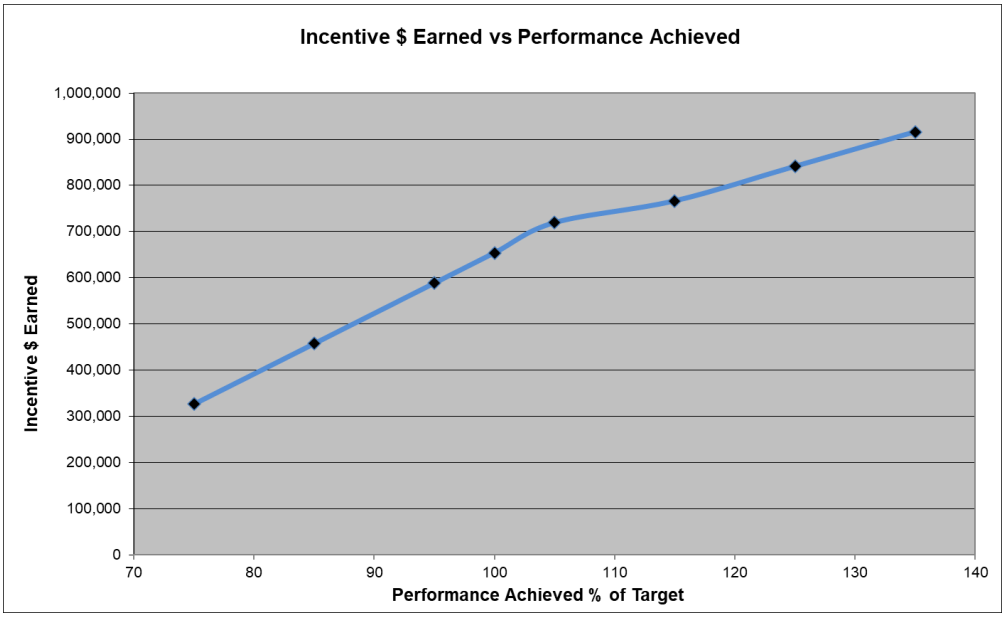
CNG and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected CNG Performance Incentive is **$654,011** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$13,080,229** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.50%	$327,006
85	3.50%	$457,808
95	4.50%	$588,610
100	**5.00%**	**$654,011**
105	5.29%	$719,413
115	5.86%	$766,501
125	6.43%	$841,059
135	7.00%	$915,616

Maximum Budget: $13,080,229

Goals will be prorated based on actual over/under spend of budget.



Connecticut Natural Gas PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**	**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$7,523,100**	New Construction	851,526	11.15%	Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs **$11,893,806**	0.2144	**$140,220**
		Home Energy Solutions	1,904,461	24.93%				
		HVAC	1,321,755	17.30%				
		HES-Income Eligible	3,328,695	43.58%				
		Behavior	232,421	3.04%				
		Total	**7,638,858**					
		Savings Rate	**$1.5570** /ccf					
		Savings	**$11,893,806**					
		(1) percent of target goal						
Net Residential Gas Benefit:						**$4,370,706**	0.2144	**$140,220**
Home Energy Solutions	**$2,581,035**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (137.14*102%=139.89).			ccf/home	Achieve 139.89 ccf savings/ single-family home	0.0450	**$29,431**
HES-Income Eligible	**$3,750,228**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (99.84*102%=101.94).			ccf/home	Achieve 101.94 ccf savings/ single-family home	0.0450	**$29,431**

Connecticut Natural Gas PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$3,356,959**	Energy Conscious Blueprint	2,290,075	45.64%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$121,385**
		Energy Opportunities	1,120,415	22.33%				
		Business and Energy Sustainability	1,110,190	22.13%		**$7,545,323**		
		Small Business	496,866	9.90%				
		Total	**5,017,546**					
		Savings Rate	**$1.5038** /ccf					
		Savings	**$7,545,323**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$4,188,364**	0.1856	**$121,385**
Small Business	**$370,059**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (100% max).			**%** of Gas Projects	100% of signed projects	0.0500	**$32,701**
Energy Conscious Blueprint / Energy Opportunities	**$2,513,210**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or within the current program year. Based on Prior Year Actual results + 5% (35%+5%).			**%** of Gas Projects	35% of signed projects	0.0500	**$32,701**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$6,540**
Total Incentives							**1.0000**	**$654,011**

Connecticut Natural Gas PMI (2024)

CONNECTICUT NATURAL GAS

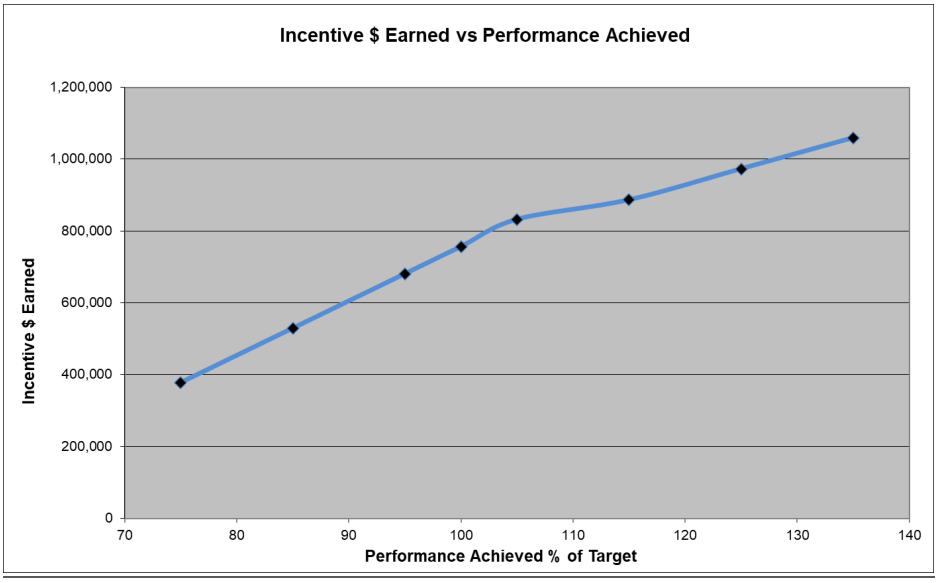
2024 Management Incentive Performance Indicators and Incentive Matrix

CNG and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected CNG Performance Incentive is **$756,538** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$15,130,767** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	
75	2.50%	$378,269
85	3.50%	$529,577
95	4.50%	$680,885
100	**5.00%**	**$756,538**
105	5.29%	$832,192
115	5.86%	$886,663
125	6.43%	$972,908
135	7.00%	$1,059,154
Maximum Budget	**$15,130,767**	

Goals will be prorated based on actual over/under spend of budget.



Connecticut Natural Gas PMI (2024) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**	**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$8,876,685**	New Construction	425,763	4.88%	Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs	0.2144	**$162,202**
		Home Energy Solutions	2,381,668	27.32%				
		HVAC	1,626,970	18.66%				
		HES-Income Eligible	4,061,444	46.58%		**$13,717,257**		
		Behavior	223,076	2.56%				
		Total	**8,718,921**					
		Savings Rate	**$1.5733**	/ ccf				
		Savings	**$13,717,257**					
		(1) percent of target goal						
Net Residential Gas Benefit:						**$4,840,572**	0.2144	**$162,202**
Home Energy Solutions	**$3,069,500**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).			ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$34,044**
HES-Income Eligible	**$4,555,722**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).			ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$34,044**

Connecticut Natural Gas PMI (2024) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$4,077,912**	Energy Conscious Blueprint	2,979,000	44.50%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$140,414**
		Energy Opportunities	1,480,264	22.11%				
		Business and Energy Sustainability	1,482,721	22.15%		**$10,204,058**		
		Small Business	752,356	11.24%				
		Total	**6,694,340**					
		Savings Rate	**$1.5243** /ccf					
		Savings	**$10,204,058**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$6,126,146**	0.1856	**$140,414**
Small Business	**$423,750**	Develop and implement comprehensive offerings. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that results in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$37,827**
Energy Conscious Blueprint / Energy Opportunities	**$3,059,814**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$37,827**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$7,565**
Total Incentives							**1.0000**	**$756,538**

D.8 Southern Connecticut Gas Budget and Savings Tables

Table A – Southern Connecticut Gas (2022-2025)

Table A: Southern Connecticut Gas

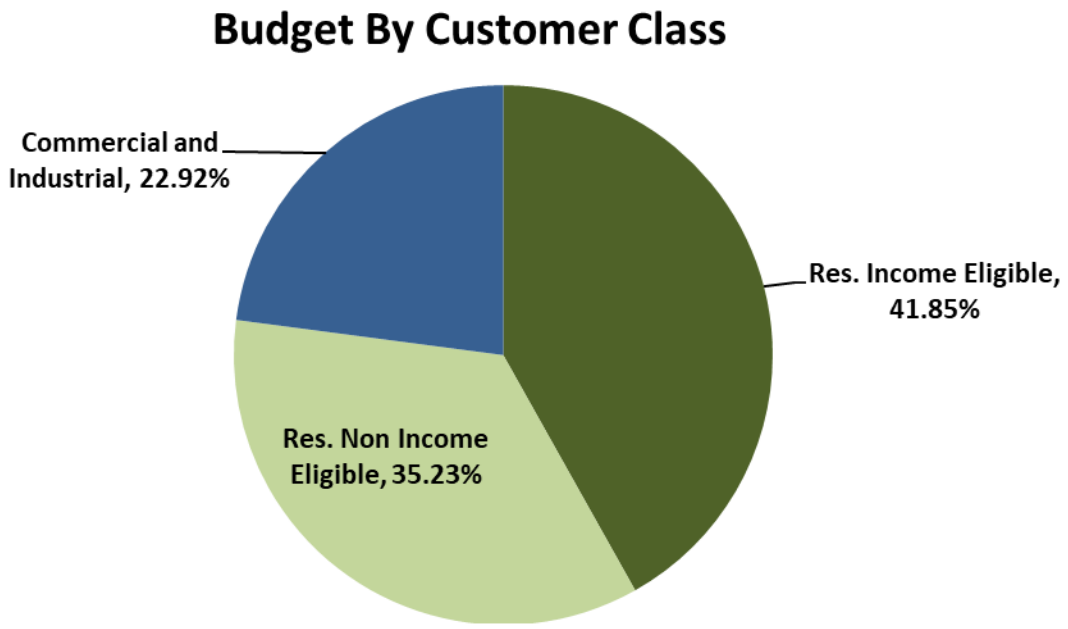
2022-2025 Natural Gas Conservation Budget

Southern Connecticut Gas EE Budget	2022 SCG Actual 12/31/2022	2023 SCG Proposed Budget 03/01/2023	2024 SCG Proposed Budget 03/01/2023	2025 SCG Proposed Budget 03/01/2023
RESIDENTIAL				
Residential New Construction	$60,737	$279,054	$124,313	$64,331
Home Energy Solutions	$3,251,331	$3,153,102	$2,979,494	$3,041,028
HVAC & Water Heating Equipment	$1,459,818	$1,061,825	$1,156,155	$1,153,657
HES-Income Eligible	$3,395,835	$6,552,923	$3,859,968	$3,934,884
Residential Behavior	$141,658	$168,872	$207,031	$206,584
Subtotal: Residential EE Portfolio	**$8,309,379**	**$11,215,775**	**$8,326,963**	**$8,400,483**
COMMERCIAL & INDUSTRIAL				
Energy Conscious Blueprint	$791,385	$1,492,298	$1,643,613	$1,660,115
Energy Opportunities	$419,908	$911,599	$1,004,878	$1,015,072
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$157,372	$409,719	$451,619	$456,199
Small Business	$279,367	$315,119	$345,825	$348,489
Subtotal: C&I EE Portfolio	**$1,648,032**	**$3,128,735**	**$3,445,935**	**$3,479,875**
DEMAND MANAGEMENT				
Demand Management - Residential	$87,331	$551,297	$551,297	$551,297
Demand Management - C&I	$105,061	$269,977	$269,977	$269,977
Subtotal Demand Management	**$192,392**	**$821,273**	**$821,273**	**$821,273**
OTHER - EDUCATION & ENGAGEMENT				
Energy Education	$28,253	$76,667	$76,667	$76,667
Workforce Development	$11,555	$82,667	$82,667	$82,667
Community Outreach	$24,685	$80,000	$80,000	$80,000
Customer Engagement Initiative	$3,183	$50,000	$50,000	$50,000
Subtotal: Education & Engagement	**$67,676**	**$289,333**	**$289,333**	**$289,333**
OTHER - PROGRAMS/REQUIREMENTS				
Financing Support – Residential	$92,621	$86,292	$86,292	$86,292
Financing Support - C&I	$ -	$75,000	$75,000	$75,000
Research, Development and Demonstration	$97,450	$50,000	$50,000	$50,000
Subtotal: Programs/Requirements	**$190,071**	**$211,292**	**$211,292**	**$211,292**
OTHER - ADMINISTRATIVE & PLANNING				
Administration	$157,940	$186,198	$186,198	$186,198
Marketing Plan	$48,346	$40,100	$40,100	$40,100
Planning	$130,431	$63,502	$63,502	$63,502
Evaluation Measurement and Verification	$305,340	$300,000	$300,000	$300,000
Evaluation Administrator	$50,251	$29,607	$29,607	$29,607
Information Technology	$531,950	$332,473	$310,473	$310,473
Energy Efficiency Board Consultants	$53,333	$55,233	$55,233	$55,233
Audits - Financial and Operational	$10,000	$10,000	$10,000	$10,000
Performance Management Incentive	$610,808	$829,434	$699,753	$705,126
Subtotal: Other - Administrative & Planning	**$1,898,399**	**$1,846,547**	**$1,694,866**	**$1,700,239**
TOTAL	**$12,305,949**	**$17,512,955**	**$14,789,662**	**$14,902,496**

Table A Pie Chart – Southern Connecticut Gas (2023)

Southern Connecticut Gas

2023 Budget Analysis



Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$6,552,923	37.42%	41.85%
Res. Non-Income-Eligible	$5,515,188	31.49%	35.23%
Residential Subtotal	**$12,068,110**	**68.91%**	**77.08%**
Commercial and Industrial	$3,588,398	20.49%	22.92%
C&I Subtotal	**$3,588,398**	**20.49%**	**22.92%**
Residential and C&I Subtotal	**$15,656,508**	**89.40%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,856,447	10.60%	
Other Expenditures Subtotal	**$1,856,447**	**10.60%**	
TOTAL	**$17,512,955**	**100.00%**	

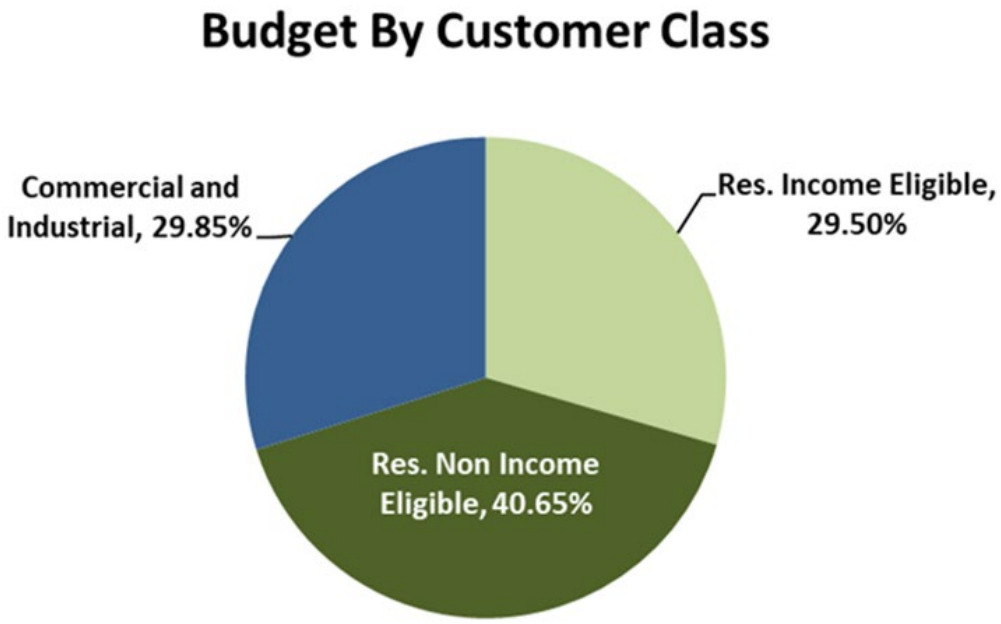
Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Table A Pie Chart – Southern Connecticut Gas (2024)

Southern Connecticut Gas

2024 Budget Analysis



Customer Class	Budget*	% of Total Budget	% of Residential and C&I Budget
Res. Income-Eligible	$3,859,968	26.10%	29.50%
Res. Non-Income-Eligible	$5,319,330	35.97%	40.65%
Residential Subtotal	**$9,179,298**	**62.07%**	**70.15%**
Commercial and Industrial	$3,905,598	26.41%	29.85%
C&I Subtotal	**$3,905,598**	**26.41%**	**29.85%**
Residential and C&I Subtotal	**$13,084,896**	**88.47%**	**100.00%**
Other Expenditures			
Other Expenditures	$1,704,766	11.53%	
Other Expenditures Subtotal	**$1,704,766**	**11.53%**	
TOTAL	**$14,789,662**	**100.00%**	

Totals may vary due to rounding.

*Please see attached Budget Allocation Table.

Southern Connecticut Gas Table A Budget Allocation (2022-2024)

Table A Pie Sector Allocation			
	Residential	**C&I**	**Other**
OTHER - EDUCATION & ENGAGEMENT			
Energy Education	80%	20%	0%
Workforce Development	50%	50%	0%
Community Outreach	50%	50%	0%
Customer Engagement Initiative	80%	20%	0%
OTHER - PROGRAMS/REQUIREMENTS			
Financing Support – Residential	100%	0%	0%
Financing Support – C&I	0%	100%	0%
Research, Development & Demonstration	0%	0%	100%
OTHER – LOAD MANAGEMENT			
Demand Response	0$	100%	0%
OTHER - ADMINISTRATIVE & PLANNING			
Administration	0%	0%	100%
Marketing Plan	80%	20%	0%
Planning	0%	0%	100%
Evaluation Measurement and Verification	0%	0%	100%
Evaluation Administrator	0%	0%	100%
Information Technology	0%	0%	100%
Energy Efficiency Board Consultants	0%	0%	100%
Audit - Financial and Operational	0%	0%	100%
Performance Management Incentive	0%	0%	100%
Note: Core Residential and C&I programs that produce savings are allocated 100% to the Residential and C&I sectors, respectively. Other programs budgets are allocated to both Residential and C&I sectors based on an estimated percentage of the sector that those dollars will directly benefit by the percentages above.			

Table B – Southern Connecticut Gas (2023)

2023 SCG	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$279	$279	$521	$806	$1,578	$1,578	2.89	5.65	3.03	222	Homes
Home Energy Solutions	$2,653	$2,653	$2,653	$2,067	$3,993	$4,366	0.78	1.51	1.65	1,827	Homes
HVAC & Water Heating Equipment	$1,062	$1,062	$1,596	$1,325	$2,577	$2,577	1.25	2.43	1.61	1,375	Units
HES-Income Eligible	$7,053	$7,053	$7,053	$4,366	$8,404	$11,714	0.61	1.19	1.66	2,520	Homes
Behavior	**$169**	**$169**	**$169**	**$237**	**$410**	**$410**	**1.41**	**2.43**	**2.43**	**15,402**	**Units**
Subtotal: Residential	**$11,216**	**$11,216**	**$11,992**	**$8,801**	**$16,961**	**$20,645**	**0.78**	**1.51**	**1.72**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$1,492	$1,492	$2,706	$1,571	$3,339	$3,339	1.05	2.24	1.23	575	Projects
Energy Opportunities	$912	$912	$1,676	$1,084	$2,365	$2,365	1.19	2.59	1.41	47	Projects
BES	$410	$410	$641	$686	$1,434	$1,434	1.68	3.50	2.24	11	Projects
Small Business	$315	$315	$468	$230	$472	$472	0.73	1.50	1.01	97	Projects
Subtotal: C&I	**$3,129**	**$3,129**	**$5,490**	**$3,571**	**$7,610**	**$7,610**	**1.14**	**2.43**	**1.39**	-	-
OTHER											
Subtotal: Other	**$3,168**	**$3,168**	**$3,168**	**$ -**	**$ -**	**$ -**	-	-	-	-	-
TOTAL	**$17,513**	**$17,513**	**$20,651**	**$12,372**	**$24,571**	**$28,255**	**0.71**	**1.40**	**1.37**	-	-

Table B – Southern Connecticut Gas (2023) (continued)

2023 SCG	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	42,073	1,051,830	175	$6.633	$0.265	$1,599	$64	4,329	108,233	$64	$3	311	7,784
Home Energy Solutions	130,003	2,569,896	2,178	$20.408	$1.032	$1,218	$62	13,377	264,442	$198	$10	962	19,019
HVAC & Water Heating Equipment	83,514	1,665,240	741	$12.714	$0.638	$1,432	$72	8,594	171,353	$124	$6	618	12,324
HES-Income Eligible	253,919	5,422,691	3,060	$27.776	$1.301	$2,305	$108	26,128	557,995	$270	$13	1,879	40,131
Behavior	105,232	210,464	-	$1.605	$0.802	$ -	$ -	10,828	21,657	$16	$8	779	1,558
Subtotal: Residential	**614,741**	**10,920,121**	**6,153**	**$18.245**	**$1.027**	**$1,823**	**$103**	**63,257**	**1,123,680**	**$177**	**$10**	**4,549**	**80,815**
Commercial & Industrial													
Energy Conscious Blueprint	139,265	2,319,514	1,057	$10.716	$0.643	$1,412	$85	14,330	238,678	$104	$6	1,031	17,166
Energy Opportunities	164,243	1,625,725	1,027	$5.550	$0.561	$888	$90	16,901	167,287	$54	$5	1,215	12,031
BES	156,378	931,581	955	$2.620	$0.440	$429	$72	16,091	95,860	$25	$4	1,157	6,894
Small Business	18,769	317,751	217	$16.789	$0.992	$1,449	$86	1,931	32,697	$163	$10	139	2,352
Subtotal: C&I	**478,656**	**5,194,571**	**3,256**	**$6.537**	**$0.602**	**$961**	**$89**	**49,254**	**534,521**	**$64**	**$6**	**3,542**	**38,443**
OTHER													
Subtotal: Other	-	-	-	$ -	$ -	-	$ -	-	-	$ -	$ -	-	-
TOTAL	**1,093,396**	**16,114,692**	**9,410**	**$16.017**	**$1.087**	**$1,861**	**$126**	**112,510**	**1,658,202**	**$156**	**$11**	**8,092**	**119,258**

Table B – Southern Connecticut Gas (2024)

2024 SCG	Costs ($000)			Benefits ($000)			Benefit Cost Ratios			Quantities	
	Utility Cost	CTET Cost	Total Resource Cost	Utility Benefit	CTET Benefit	Total Resource Benefit	Utility Cost Test	CT Efficiency Test	Total Resource Cost Test	No. of Units	Units of Measure
Residential											
New Construction	$124	$124	$232	$362	$714	$714	2.91	5.74	3.07	99	Homes
Home Energy Solutions	$2,979	$2,979	$2,979	$1,921	$3,743	$4,096	0.64	1.26	1.37	1,695	Homes
HVAC & Water Heating Equipment	$1,156	$1,156	$1,751	$1,479	$2,901	$2,901	1.28	2.51	1.66	1,531	Units
HES-Income Eligible	$3,860	$3,860	$3,860	$2,367	$4,605	$6,420	0.61	1.19	1.66	1,507	Homes
Behavior	$207	$207	$207	$219	$386	$386	1.06	1.86	1.86	14,632	Units
Subtotal: Residential	**$8,327**	**$8,327**	**$9,030**	**$6,348**	**$12,350**	**$14,517**	**0.76**	**1.48**	**1.61**	-	-
Commercial & Industrial											
Energy Conscious Blueprint	$1,644	$1,644	$3,008	$1,737	$3,708	$3,708	1.06	2.26	1.23	646	Projects
Energy Opportunities	$1,005	$1,005	$1,862	$1,196	$2,634	$2,634	1.19	2.62	1.41	53	Projects
BES	$452	$452	$725	$791	$1,673	$1,673	1.75	3.71	2.31	13	Projects
Small Business	$346	$346	$544	$294	$606	$606	0.85	1.75	1.11	106	Projects
Subtotal: C&I	**$3,446**	**$3,446**	**$6,140**	**$4,017**	**$8,621**	**$8,621**	**1.17**	**2.50**	**1.40**	-	-
Other											
Subtotal: Other	**$3,017**	**$3,017**	**$3,017**	**$ -**	**$ -**	**$ -**	-	-	-	**$ -**	**$ -**
TOTAL	**$14,790**	**$14,790**	**$18,187**	**$10,365**	**$20,971**	**$23,139**	**0.70**	**1.42**	**1.27**	**$ -**	**$ -**

Table B – Southern Connecticut Gas (2024) (continued)

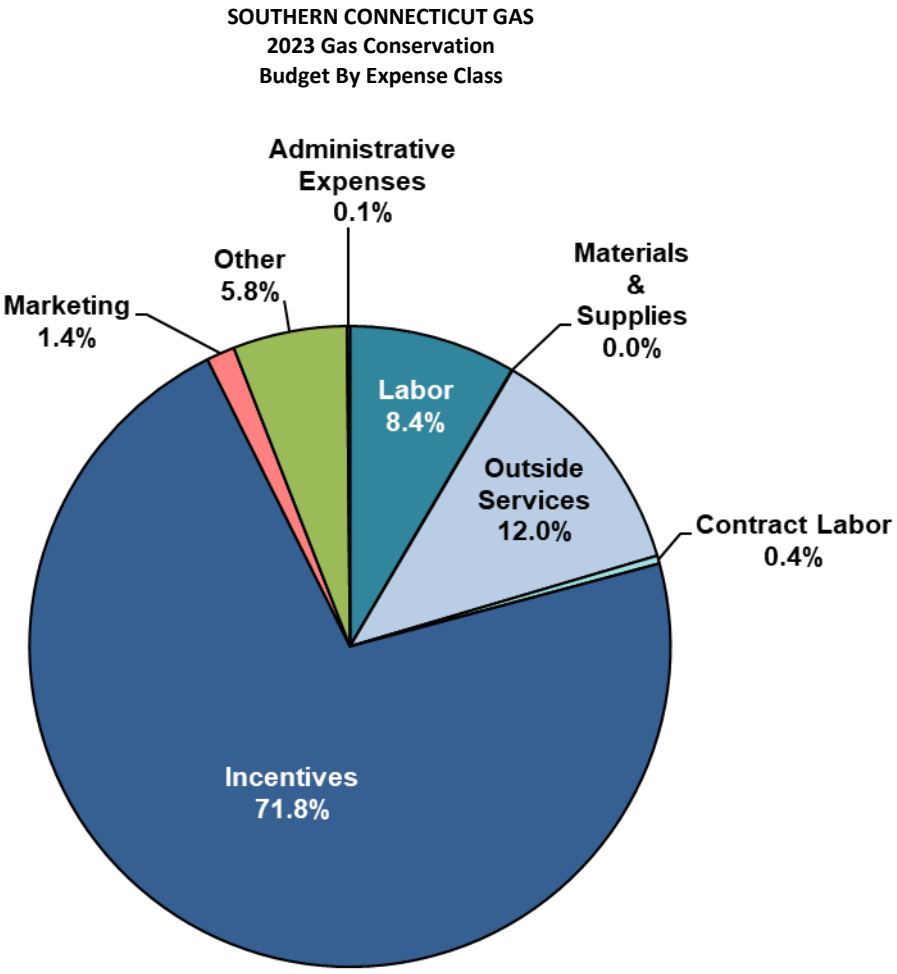
2024 SCG	Gas Savings			Gas Cost Rates				MMBtu Savings				Emissions Savings	
	Annual Savings (ccf)	Lifetime Savings (ccf)	Peak Savings (ccf)	Gas Cost Rate $/ccf Annual	Gas Cost Ratio $/LT-ccf	Gas Demand Cost $/ccf	Gas Demand Cost $/LT-ccf	Annual MMBtu	Lifetime MMBtu	Cost per Annual MMBtu	Cost per Lifetime MMBtu	Annual Tons CO2	Lifetime Tons CO2
Residential													
New Construction	18,786	469,638	78	$6.618	$0.265	$1,592	$64	1,933	48,326	$64	$3	139	3,476
Home Energy Solutions	120,568	2,383,389	2,020	$24.712	$1.250	$1,475	$75	12,406	245,251	$240	$12	892	17,639
HVAC & Water Heating Equipment	93,012	1,854,629	826	$12.430	$0.623	$1,400	$70	9,571	190,841	$121	$6	688	13,725
HES-Income Eligible	137,162	2,949,705	1,659	$28.142	$1.309	$2,327	$108	14,114	303,525	$273	$13	1,015	21,830
Behavior	99,971	199,942	-	$2.071	$1.035	$ -	$ -	10,287	20,574	$20	$10	740	1,480
Subtotal: Residential	**469,498**	**7,857,304**	**4,582**	**$17.736**	**$1.060**	**$1,817**	**$109**	**48,311**	**808,517**	**$172**	**$10**	**3,475**	**58,149**
Commercial & Industrial													
Energy Conscious Blueprint	152,266	2,535,945	1,155	$10.794	$0.648	$1,423	$85	15,668	260,949	$105	$6	1,127	18,768
Energy Opportunities	180,675	1,788,377	1,130	$5.562	$0.562	$890	$90	18,591	184,024	$54	$5	1,337	13,235
BES	181,060	1,078,618	1,106	$2.494	$0.419	$408	$69	18,631	110,990	$24	$4	1,340	7,982
Small Business	23,726	401,662	275	$14.576	$0.861	$1,258	$74	2,441	41,331	$142	$8	176	2,973
Subtotal: C&I	**537,728**	**5,804,602**	**3,666**	**$6.408**	**$0.594**	**$940**	**$87**	**55,332**	**597,294**	**$62**	**$6**	**3,980**	**42,958**
Other													
Subtotal: Other	**-**	**-**	**-**	**$ -**	**$ -**	**-**	**$ -**	**-**	**-**	**$ -**	**$ -**	**-**	**-**
TOTAL	**1,007,226**	**13,661,906**	**8,248**	**$14.684**	**$1.083**	**$1,793**	**$132**	**103,644**	**1,405,810**	**$143**	**$11**	**7,454**	**101,106**

Table C – Southern Connecticut Gas (2023)

Table C: 2023 SCG Budget Details

SCG EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$54,174	$100	$5,000	$750	$208,687	$9,594	$413	$338	$279,054
Home Energy Solutions	$246,869	$700	$225,000	$50,000	$2,567,799	$59,733	$1,300	$1,700	$3,153,102
HVAC & Water Heating Equipment	$74,827	$325	$125,000	$3,900	$829,415	$26,409	$585	$1,365	$1,061,825
HES-Income Eligible	$243,479	$1,000	$150,000	$6,000	$6,104,880	$43,564	$875	$3,125	$6,552,923
Residential Behavior	$27,608	$100	$141,164	$ -	$ -	$ -	$ -	$ -	$168,872
Subtotal: Residential EE Portfolio	**$646,956**	**$2,225**	**$646,164**	**$60,650**	**$9,710,781**	**$139,300**	**$3,173**	**$6,528**	**$11,215,775**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$103,060	$1,000	$140,000	$3,000	$1,213,303	$23,936	$1,200	$6,800	$1,492,298
Energy Opportunities	$103,060	$700	$9,300	$4,000	$764,267	$26,073	$200	$4,000	$911,599
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$58,688	$500	$106,000	$1,000	$231,502	$10,029	$100	$1,900	$409,719
Small Business	$90,770	$200	$113,000	$2,500	$101,677	$4,971	$100	$1,900	$315,119
Subtotal: C&I EE Portfolio	**$355,578**	**$2,400**	**$368,300**	**$10,500**	**$2,310,748**	**$65,009**	**$1,600**	**$14,600**	**$3,128,735**
DEMAND MANAGEMENT									
Demand Mgmt. Res	$42,884	$ -	$70,288	$ -	$438,125	$ -	$ -	$ -	$551,297
Demand Mgmt. – C&I	$42,884	$ -	$107,093	$ -	$120,000	$ -	$ -	$ -	$269,977
Subtotal: Deman Mgmt.	**$85,768**	**$ -**	**$177,380**	**$ -**	**$558,125**	**$ -**	**$ -**	**$ -**	**$821,273**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$10,329	$363	$53,183	$ -	$ -	$1,815	$8,444	$2,533	$76,667
Workforce Development	$ -	$ -	$82,667	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$11,195	$390	$61,137	$ -	$ -	$4,196	$2,371	$712	$80,000
Customer Engagement Initiative	$3,561	$139	$42,841	$ -	$ -	$321	$2,414	$724	$50,000
Subtotal: Education & Engagement	**$25,085**	**$892**	**$239,827**	**$ -**	**$ -**	**$6,332**	**$13,229**	**$3,969**	**$289,333**
OTHER - PROGRAMS/REQUIREMENTS									
Financing Support - Res	$ -	$ -	$ -	$ -	$ -	$ -	$86,292	$ -	$86,292
Financing Support -C&I	$ -	$ -	$ -	$ -	$ -	$ -	$75,000	$ -	$75,000
RD&D	$ -	$ -	$50,000	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	**$ -**	**$ -**	**$50,000**	**$ -**	**$ -**	**$ -**	**$161,292**	**$ -**	**$211,292**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$178,623	$ -	$7,575	$ -	$ -	$ -	$ -	$ -	$186,198
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$63,502	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$63,502
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$122,151	$ -	$210,322	$ -	$ -	$ -	$ -	$ -	$332,473
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
PMI	$ -	$ -	$ -	$ -	$ -	$ -	$829,434	$ -	$829,434
Subtotal: Other	**$364,276**	**$ -**	**$612,736**	**$ -**	**$ -**	**$40,100**	**$829,434**	**$ -**	**$1,846,547**
TOTAL BUDGET	**$1,477,663**	**$5,517**	**$2,094,407**	**$71,150**	**$12,579,654**	**$250,740**	**$1,008,727**	**$25,096**	**$17,512,955**

Table C Pie Chart – Southern Connecticut Gas (2023)



Expense Classes	Budget	% of Budget
Labor	$ 1,477,663	8.4%
Materials & Supplies	$ 5,517	0.0%
Outside Services	$ 2,094,407	12.0%
Contract Labor	$ 71,150	0.4%
Incentives	$ 12,579,654	71.8%
Marketing	$ 250,740	1.4%
Other	$ 1,008,727	5.8%
Administrative Expenses	$ 25,096	0.1%
Total	**$ 17,512,955**	**100.00%**

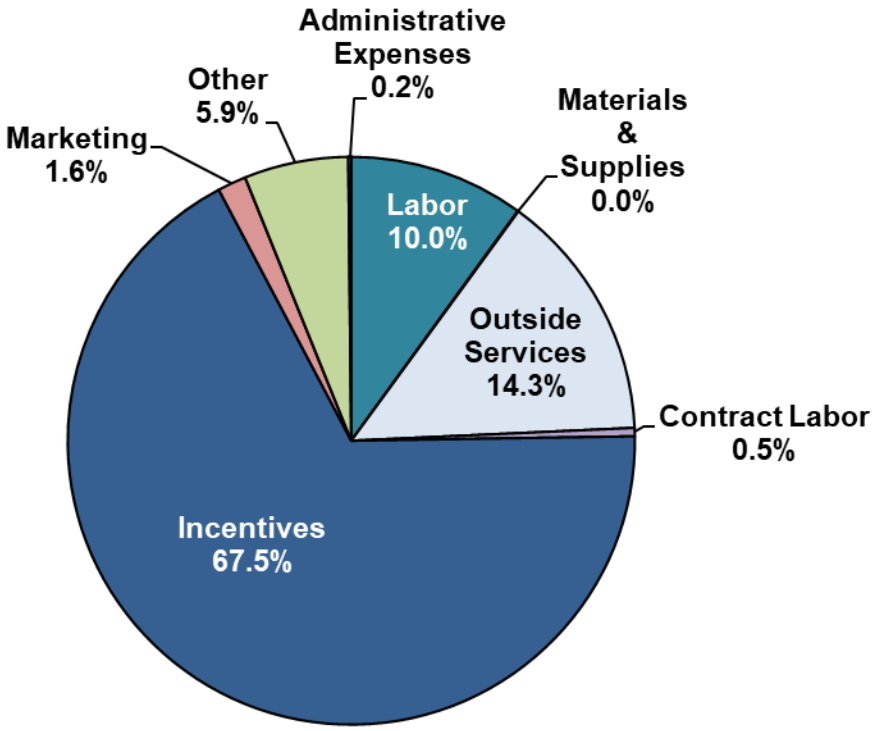
Table C – Southern Connecticut Gas (2024)

Table C: 2024 SCG Budget Details

SCG EE BUDGET	Labor	Materials & Supplies	Outside Services	Contractor Labor	Incentives	Marketing	Other	Admin. Expenses	TOTAL
RESIDENTIAL									
Residential New Construction	$21,669	$40	$5,000	$300	$93,167	$3,837	$165	$135	$124,313
Home Energy Solutions	$261,855	$680	$225,000	$49,850	$2,381,445	$57,815	$1,218	$1,633	$2,979,494
HVAC & Water Heating Equipment	$74,827	$325	$125,000	$3,900	$923,745	$26,409	$585	$1,365	$1,156,155
HES-Income Eligible	$258,110	$980	$150,000	$5,850	$3,399,533	$41,645	$793	$3,058	$3,859,968
Residential Behavior	$30,496	$100	$176,435	$ -	$ -	$ -	$ -	$ -	$207,031
Subtotal: Residential EE Portfolio	**$646,956**	**$2,125**	**$681,435**	**$59,900**	**$6,797,890**	**$129,706**	**$2,760**	**$6,190**	**$8,326,963**
COMMERCIAL & INDUSTRIAL									
Energy Conscious Blueprint	$103,060	$1,000	$140,000	$3,000	$1,364,617	$23,936	$1,200	$6,800	$1,643,613
Energy Opportunities	$103,060	$700	$9,300	$4,000	$857,545	$26,073	$200	$4,000	$1,004,878
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$58,688	$500	$106,000	$1,000	$273,402	$10,029	$100	$1,900	$451,619
Small Business	$90,770	$200	$113,000	$2,500	$132,384	$4,971	$100	$1,900	$345,825
Subtotal: C&I EE Portfolio	**$355,578**	**$2,400**	**$368,300**	**$10,500**	**$2,627,949**	**$65,009**	**$1,600**	**$14,600**	**$3,445,935**
DEMAND MANAGEMENT									
Demand Mgmt. Res	$42,884	$ -	$70,288	$ -	$438,125	$ -	$ -	$ -	$551,297
Demand Mgmt. – C&I	$42,884	$ -	$107,093	$ -	$120,000	$ -	$ -	$ -	$269,977
Subtotal: Demand Mgmt.	**$85,768**	$ -	**$177,380**	$ -	**$558,125**	$ -	$ -	$ -	**$821,273**
OTHER - EDUCATION & ENGAGEMENT									
Energy Education	$10,329	$363	$53,183	$ -	$ -	$1,815	$8,444	$2,533	$76,667
Workforce Development	$ -	$ -	$82,667	$ -	$ -	$ -	$ -	$ -	$82,667
Community Outreach	$11,195	$390	$61,137	$ -	$ -	$4,196	$2,371	$712	$80,000
Customer Engagement Initiative	$3,561	$139	$42,841	$ -	$ -	$321	$2,414	$724	$50,000
Subtotal: Education & Engagement	**$25,085**	**$892**	**$239,827**	$ -	$ -	**$6,332**	**$13,229**	**$3,969**	**$289,333**
OTHER - PROGRAMS/REQUIREMENTS									
Financing Support - Res	$ -	$ -	$ -	$ -	$ -	$ -	$86,292	$ -	$86,292
Financing Support -C&I	$ -	$ -	$ -	$ -	$ -	$ -	$75,000	$ -	$75,000
RD&D	$ -	$ -	$50,000	$ -	$ -	$ -	$ -	$ -	$50,000
Subtotal: Programs & Requirements	$ -	$ -	**$50,000**	$ -	$ -	$ -	**$161,292**	$ -	**$211,292**
OTHER - ADMINISTRATIVE & PLANNING									
Administration	$178,623	$ -	$7,575	$ -	$ -	$ -	$ -	$ -	$186,198
Marketing Plan	$ -	$ -	$ -	$ -	$ -	$40,100	$ -	$ -	$40,100
Planning	$63,502	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$63,502
EM&V	$ -	$ -	$300,000	$ -	$ -	$ -	$ -	$ -	$300,000
Evaluation Administrator	$ -	$ -	$29,607	$ -	$ -	$ -	$ -	$ -	$29,607
Information Technology	$122,151	$ -	$188,322	$ -	$ -	$ -	$ -	$ -	$310,473
EEB Consultants	$ -	$ -	$55,233	$ -	$ -	$ -	$ -	$ -	$55,233
Audits - Financial and Operational	$ -	$ -	$10,000	$ -	$ -	$ -	$ -	$ -	$10,000
PMI	$ -	$ -	$ -	$ -	$ -	$ -	$699,753	$ -	$699,753
Subtotal: Other	**$364,276**	$ -	**$590,736**	$ -	$ -	**$40,100**	**$699,753**	$ -	**$1,694,866**
TOTAL BUDGET	**$1,477,663**	**$5,417**	**$2,107,679**	**$70,400**	**$9,983,964**	**$241,147**	**$878,634**	**$24,759**	**$14,789,662**

Table C Pie Chart – Southern Connecticut Gas (2024)

SOUTHERN CONNECTICUT GAS
2024 Gas Conservation
Budget By Expense Class



Expense Classes	Budget	% of Budget
Labor	$ 1,477,663	10.0%
Materials & Supplies	$ 5,417	0.0%
Outside Services	$ 2,107,679	14.3%
Contract Labor	$ 70,400	0.5%
Incentives	$ 9,983,964	67.5%
Marketing	$ 241,147	1.6%
Other	$ 878,634	5.9%
Administrative Expenses	$ 24,759	0.2%
Total	**$ 14,789,662**	**100.00%**

Table D – Southern Connecticut Natural Gas Historical and Projected Expenditures (2014-2024)

Table D: SCG Historical and Projected $ (2014-2024)
Expenditures $ (000)

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual
RESIDENTIAL						
HES-Income Eligible	$3,541	$1,898	$2,731	$2,804	$3,217	$3,050
Home Energy Solutions	$3,344	$3,029	$1,477	$1,648	$1,425	$1,858
HVAC & Water Heating	$266	$585	$1,675	$1,497	$2,812	$3,493
Residential New Construction	$281	$453	$623	$392	($256)	$499
Residential Behavior	$114	($37)	$7	$ -	$126	$30
Subtotal: Residential	**$7,546**	**$5,928**	**$6,513**	**$6,341**	**$7,323**	**$8,929**
COMMERCIAL & INDUSTRIAL						
Energy Conscious Blueprint	$1,483	$941	$1,247	$956	$760	$1,226
Energy Opportunities	$808	$1,247	$911	$1,446	$1,208	$734
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$46	$134	$69	$118	$130	$197
Small Business	$113	$99	$241	$157	$73	$217
Subtotal: C&I	**$2,450**	**$2,421**	**$2,468**	**$2,677**	**$2,171**	**$2,373**
DEMAND MANAGEMENT						
Demand Management - Residential	$ -	$ -	$ -	$ -	$ -	$ -
Demand Management – C&I	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal: Demand Management	$ -	$ -	$ -	$ -	$ -	$ -
OTHER - EDUCATION & ENGAGEMENT						
Energy Education	$ -	$ -	$35	$68	$26	$31
Workforce Development	$ -	$ -	$30	$16	$13	$16
Community Outreach	$ -	$ -	$218	$210	$68	$71
Customer Engagement Initiative	$ -	$ -	$67	$17	$5	$ -
SmartLiving Center/Science Center	$167	$100	$ -	$ -	$ -	$ -
eesmarts/K-12 Education	$26	$70	$ -	$ -	$ -	$ -
Clean Energy Communities	$47	$68	$ -	$ -	$ -	$ -
Subtotal: Education	**$240**	**$238**	**$350**	**$311**	**$112**	**$117**
OTHER - PROGRAMS/REQUIREMENTS						
Financing Support – Residential	$87	$86	$77	$103	$8	$82
Financing Support - C&I	$ -	$ -	$ -	$ -	$ -	$ -
RD&D	$ -	$ -	$8	$17	$59	$38
Institute for Sustainable Energy	$37	$41	$ -	$ -	$ -	$ -
ESPC Project Manager	$6	$3	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$130**	**$130**	**$85**	**$120**	**$66**	**$120**
OTHER - ADMINISTRATIVE & PLANNING						
Administration	$127	$170	$130	$172	$143	$120
Marketing Plan	$97	$85	$109	$73	$30	$18
Planning	$99	$102	$141	$169	$98	$106
EM&V	$141	$161	$200	$200	$218	$218
Evaluation Administrator	$26	$26	$20	$20	$19	$19
Information Technology	$101	$210	$109	$106	$140	$128
EEB Consultants	$24	$15	$43	$43	$32	$31
Audits - Financial and Operational	$ -	$ -	$ -	$10	$4	$10
PMI	$694	$596	$687	$435	$709	$901
Subtotal: Admin. & Planning	**$1,310**	**$1,365**	**$1,439**	**$1,228**	**$1,393**	**$1,550**
TOTAL	**$11,676**	**$10,082**	**$10,855**	**$10,677**	**$11,067**	**$15,995**

Table D – Southern Connecticut Gas CT Historical and Projected Expenditures (2014-2024)(continued)

Table D: SCG Historical and Projected $ (2014-2024)
Expenditures $ (000)

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget
RESIDENTIAL					
HES-Income Eligible	$1,681	$3,088	$3,396	$6,553	$3,860
Home Energy Solutions	$2,556	$3,889	$3,251	$3,153	$2,979
HVAC & Water Heating Equipment	$3,257	$3,676	$1,460	$1,062	$1,156
Residential New Construction	$463	$6	$61	$279	$124
Residential Behavior	$151	$145	$142	$169	$207
Subtotal: Residential	**$8,108**	**$10,804**	**$8,310**	**$11,218**	**$8,330**
COMMERCIAL & INDUSTRIAL					
Energy Conscious Blueprint	$2,157	$2,907	$791	$1,492	$1,644
Energy Opportunities	$2,033	$751	$420	$912	$1,005
Business & Energy Sustainability (O&M, RCx, BSC, CSP/SEM)	$229	$249	$157	$410	$452
Small Business	$238	$428	$279	$315	$346
Subtotal: C&I	**$4,656**	**$4,335**	**$1,648**	**$3,129**	**$3,446**
DEMAND MANAGEMENT					
Demand Management - Residential	$ -	$ -	$87	$551	$551
Demand Management – C&I	$ -	$ -	$105	$270	$270
Subtotal: Demand Management	$ -	$ -	**$192**	**$821**	**$821**
OTHER - EDUCATION & ENGAGEMENT					
Educate the Public	$31	$23	$25	$80	$80
Customer Engagement	$26	$15	$3	$50	$50
Educate the Students	$65	$17	$28	$77	$77
Educate the Workforce	$ -	$ -	$12	$83	$83
SmartLiving Center/Science Center	$ -	$ -	$ -	$ -	$ -
eesmarts/K-12 Education	$ -	$ -	$ -	$ -	$ -
Clean Energy Communities	$ -	$ -	$ -	$ -	$ -
Subtotal: Education	**$122**	**$55**	**$68**	**$289**	**$289**
OTHER - PROGRAMS/REQUIREMENTS					
Financing Support – Residential	$62	$ -	$93	$86	$86
Financing Support - C&I	$ -	$ -	$ -	$75	$75
RD&D	$20	$84	$97	$50	$50
Institute for Sustainable Energy	$ -	$ -	$ -	$ -	$ -
ESPC Project Manager	$ -	$ -	$ -	$ -	$ -
Subtotal: Programs/Requirements	**$82**	**$84**	**$190**	**$211**	**$211**
OTHER - ADMINISTRATIVE & PLANNING					
Administration	$81	$109	$158	$186	$186
Marketing Plan	$9	$71	$48	$40	$40
Planning	$114	$90	$130	$64	$64
EM&V	$201	$200	$305	$300	$300
Evaluation Administrator	$22	$22	$50	$30	$30
Information Technology	$79	$328	$532	$332	$310
EEB Consultants	$43	$93	$53	$55	$55
Audits - Financial and Operational	$2	$10	$10	$10	$10
PMI	$630	$697	$611	$829	$700
Subtotal: Admin. & Planning	**$1,181**	**$1,620**	**$1,898**	**$1,847**	**$1,695**
TOTAL	**$14,149**	**$16,898**	**$12,306**	**$17,513**	**$14,790**

Table D1 – Southern Connecticut Gas Annual Savings CCF (2014-2024)

Table D1
SCG – Annual Savings (ccf) (000's)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible	459	186	205	229	326	316	103	227	222	254	137
HES	501	388	187	168	156	202	186	284	260	130	121
HVAC & Water Heating Equipment	-	-	232	197	407	439	378	297	215	84	93
Residential New Construction	30	24	53	15	19	26	18	114	6	42	19
Residential Behavior	-	-	-	-	-	95	-	107	110	105	100
Subtotal: Residential EE Portfolio	**1,035**	**679**	**677**	**609**	**908**	**1,078**	**685**	**1,028**	**812**	**615**	**469**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	201	138	411	134	99	212	404	218	95	139	152
Energy Opportunities	508	540	727	438	585	470	646	166	123	164	181
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	2	5	47	108	243	214	193	293	243	156	181
Small Business	37	30	68	42	33	30	22	26	27	19	24
Subtotal: C&I EE Portfolio	**748**	**713**	**1,253**	**722**	**960**	**927**	**1,265**	**703**	**488**	**479**	**538**
TOTAL	**1,783**	**1,392**	**1,930**	**1,331**	**1,868**	**2,005**	**1,950**	**1,731**	**1,300**	**1,093**	**1,007**

Table D2 – Southern Connecticut Gas Lifetime Savings CCF (2014-2024)

Table D2
SCG – Lifetime Savings (ccf) (000's)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible	9,680	3,903	4,333	4,941	7,151	6,558	2,238	4,731	4,385	5,423	2,950
HES	10,147	7,797	3,970	3,425	3,159	4,089	3,852	6,184	5,570	2,570	2,383
HVAC & Water Heating Equipment	861	1,553	4,619	3,992	8,147	8,455	7,003	5,918	3,961	1,665	1,855
Residential New Construction	705	593	1,272	370	473	657	447	2,839	160	1,052	470
Residential Behavior	-	-	-	-	-	200	-	214	219	210	200
Subtotal: Residential EE Portfolio	**21,393**	**13,846**	**14,194**	**12,728**	**18,930**	**19,959**	**13,540**	**19,886**	**14,296**	**10,920**	**7,857**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	3,339	2,194	7,539	2,107	1,660	3,006	5,382	3,247	1,293	2,320	2,536
Energy Opportunities	5,158	6,421	7,630	4,445	6,924	4,249	7,402	2,313	1,613	1,626	1,788
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	10	25	343	559	1,337	1,076	1,103	1,652	1,413	932	1,079
Small Business	408	427	895	438	382	381	280	378	355	318	402
Subtotal: C&I EE Portfolio	**8,915**	**9,067**	**16,407**	**7,549**	**10,303**	**8,712**	**14,167**	**7,590**	**4,674**	**5,195**	**5,805**
TOTAL	**30,308**	**22,913**	**30,601**	**20,277**	**29,233**	**28,671**	**27,707**	**27,476**	**18,970**	**16,115**	**13,662**

Table D3 – Southern Connecticut Gas Cost per Annual Savings CCF (2014-2024)

Table D3
SCG - Cost per Annual Savings (ccf) (2014-2024)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible - Weatherization	$7.715	$10.204	$13.322	$12.245	$9.868	$9.652	$16.316	$13.614	$15.314	$25.807	$28.142
Home Energy Solutions	$6.675	$7.807	$7.898	$9.810	$9.135	$9.197	$13.743	$13.717	$12.505	$24.254	$24.712
HVAC & Water Heating Equipment	$ -	$ -	$7.220	$7.599	$6.909	$7.957	$8.616	$12.385	$6.790	$12.714	$12.430
Residential New Construction	$9.449	$18.875	$11.755	$26.133	($13.451)	$19.173	$25.741	$0.053	$10.123	$6.633	$6.618
Residential Behavior	$ -	$ -	$ -	$ -	$ -	$0.313	$ -	$1.356	$1.291	$1.605	$2.071
Subtotal: Residential EE Portfolio	**$7.289**	**$8.730**	**$9.620**	**$10.412**	**$8.065**	**$8.283**	**$11.835**	**$10.512**	**$10.229**	**$18.248**	**$17.742**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$7.378	$6.819	$3.034	$7.134	$7.676	$5.783	$5.339	$13.333	$8.337	$10.716	$10.794
Energy Opportunities	$1.591	$2.309	$1.253	$3.301	$2.065	$1.561	$3.147	$4.524	$3.414	$5.550	$5.562
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$22.277	$26.800	$1.468	$1.093	$0.537	$0.920	$1.186	$0.850	$0.648	$2.620	$2.494
Small Business	$3.054	$3.300	$3.544	$3.738	$2.208	$7.145	$10.806	$16.479	$10.419	$16.789	$14.576
Subtotal: C&I EE Portfolio	**$3.276**	**$3.396**	**$1.970**	**$3.708**	**$2.262**	**$2.561**	**$3.681**	**$6.166**	**$3.379**	**$6.537**	**$6.408**

Table D4 – Southern Connecticut Gas Cost per Lifetime Savings CCF (2014-2024)

Table D4
SCG - Cost per Lifetime Savings (ccf) (2014-2024)
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES-Income Eligible - Weatherization	$0.366	$0.486	$0.630	$0.567	$0.450	$0.465	$0.751	$0.653	$0.774	$1.208	$1.309
Home Energy Solutions	$0.330	$0.388	$0.372	$0.481	$0.451	$0.454	$0.664	$0.629	$0.584	$1.227	$1.250
HVAC & Water Heating Equipment	$0.309	$0.377	$0.363	$0.375	$0.345	$0.413	$0.465	$0.621	$0.369	$0.638	$0.623
Residential New Construction	$0.399	$0.764	$0.490	$1.059	($0.540)	$0.759	$1.037	$0.002	$0.379	$0.265	$0.265
Residential Behavior	$ -	$ -	$ -	$ -	$ -	$0.149	$ -	$0.678	$0.646	$0.802	$1.035
Subtotal: Residential EE Portfolio	**$0.353**	**$0.428**	**$0.459**	**$0.498**	**$0.387**	**$0.447**	**$0.599**	**$0.543**	**$0.581**	**$1.027**	**$1.060**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	$0.444	$0.429	$0.165	$0.454	$0.458	$0.408	$0.401	$0.895	$0.612	$0.643	$0.648
Energy Opportunities	$0.157	$0.194	$0.119	$0.325	$0.174	$0.173	$0.275	$0.325	$0.260	$0.561	$0.562
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	$4.455	$5.360	$0.201	$0.211	$0.098	$0.183	$0.208	$0.151	$0.111	$0.440	$0.419
Small Business	$0.277	$0.232	$0.269	$0.358	$0.191	$0.568	$0.849	$1.133	$0.786	$0.992	$0.861
Subtotal: C&I EE Portfolio	**$0.275**	**$0.267**	**$0.150**	**$0.355**	**$0.211**	**$0.272**	**$0.329**	**$0.571**	**$0.353**	**$0.602**	**$0.594**

Table D5 – Southern Connecticut Gas Units (2014-2024)

Table D5
SCG – Units
Natural Gas Conservation Plan Actual/Budget

	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Goals	2024 Goals
RESIDENTIAL											
HES Income Eligible – Weatherization	2,395	1,187	1,329	1,319	2,818	5,314	868	1,726	1,755	2,520	1,507
Home Energy Solutions	3,957	3,758	1,783	1,600	1,467	1,729	4,577	2,110	4,531	1,827	1,695
HVAC & Water Heating Equipment	747	1,218	3,099	2,128	5,004	6,777	13,504	5,075	4,886	1,375	1,531
Residential New Construction	336	54	294	43	136	126	121	358	7	222	99
Residential Behavior	-	-	-	-	-	14,250	-	16,000	14,795	15,402	14,632
Subtotal: Residential EE Portfolio	**7,435**	**6,217**	**6,505**	**5,090**	**9,425**	**28,196**	**19,070**	**25,269**	**25,974**	**21,346**	**19,464**
COMMERCIAL & INDUSTRIAL											
Energy Conscious Blueprint	87	40	67	32	75	223	216	321	136	575	646
Energy Opportunities	40	22	28	18	48	11	47	14	18	47	53
Business & Energy Sustainability (O&M, RCx, CSP/SEM)	4	2	9	3	22	10	4	16	8	11	13
Small Business	57	28	51	72	62	45	46	148	44	97	106
Subtotal: C&I EE Portfolio	**188**	**92**	**155**	**125**	**207**	**289**	**313**	**499**	**206**	**729**	**818**
TOTAL	**7,623**	**6,309**	**6,660**	**5,215**	**9,632**	**28,485**	**19,383**	**25,768**	**26,180**	**22,075**	**20,282**

Southern Connecticut Gas PMI (2023)

SOUTHERN CONNECTICUT GAS COMPANY

2023 Management Incentive Performance Indicators and Incentive Matrix

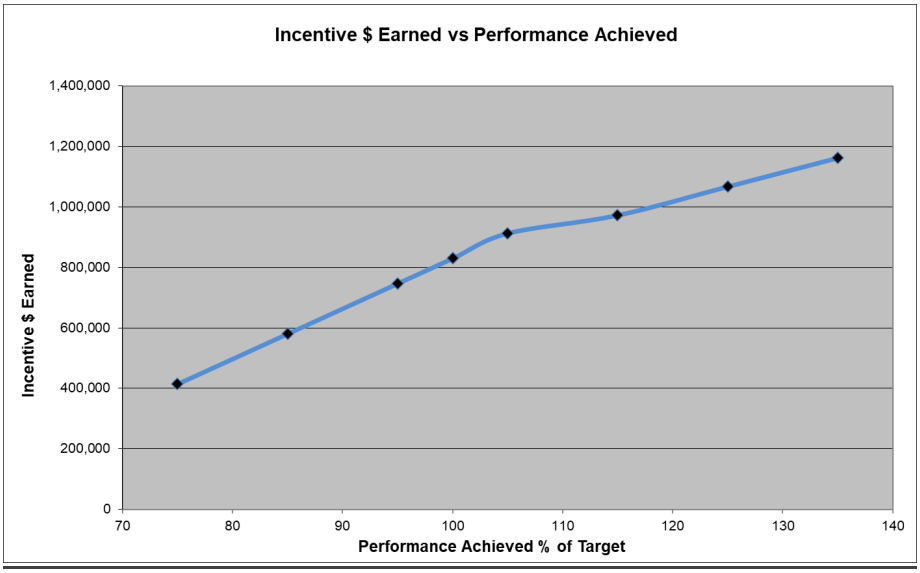
SCG and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected SCG Performance Incentive is **$829,434** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$16,588,681** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.50%	$414,717
85	3.50%	$580,604
95	4.50%	$746,491
100	**5.00%**	**$829,434**
105	5.29%	$912,377
115	5.86%	$972,097
125	6.43%	$1,066,652
135	7.00%	$1,161,208

Maximum Budget: $16,588,681

Goals will be prorated based on actual over/under spend of budget.



Southern Connecticut Gas PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**	**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$11,215,775**	New Construction	1,051,830	9.63%	Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs	0.2144	**$177,831**
		Home Energy Solutions	2,569,896	23.53%				
		HVAC	1,665,240	15.25%				
		HES-Income Eligible	5,422,691	49.66%		**$16,961,385**		
		Behavior	210,464	1.93%				
		Total	**10,920,121**					
		Savings Rate	**$1.5532** /ccf					
		Savings	**$16,961,385**					
		(1) percent of target goal						
Net Residential Gas Benefit:						**$5,745,610**	0.2144	**$177,831**
Home Energy Solutions	**$3,153,102**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (178.29*102%=181.86).			ccf/home	Achieve 181.86 ccf savings/ single-family home	0.0450	**$37,325**
HES-Income Eligible	**$6,552,923**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (129*102%=122.40).			ccf/home	Achieve 122.40 ccf savings/ single-family home	0.0450	**$37,325**

Southern Connecticut Gas PMI (2023) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$3,128,735**	Energy Conscious Blueprint	2,319,514	44.65%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$153,943**
		Energy Opportunities	1,625,725	31.30%				
		Business and Energy Sustainability	931,581	17.93%		**$7,609,614**		
		Small Business	317,751	6.12%				
		Total	**5,194,571**					
		Savings Rate	**$1.4649** /ccf					
		Savings	**$7,609,614**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$4,480,879**	0.1856	**$153,943**
Small Business	**$315,119**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (77%+5%=82%).			**%** of Gas Projects	82% of signed projects	0.0500	**$41,472**
Energy Conscious Blueprint / Energy Opportunities	**$2,403,897**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA or within the current program year. Based on Prior Year Actual results + 5% (24%+5%).			**%** of Gas Projects	29% of signed projects	0.0500	**$41,472**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$8,294**
Total Incentives							**1.0000**	**$829,434**

Southern Connecticut Gas PMI (2024)

SOUTHERN CONNECTICUT GAS COMPANY

2024 Management Incentive Performance Indicators and Incentive Matrix

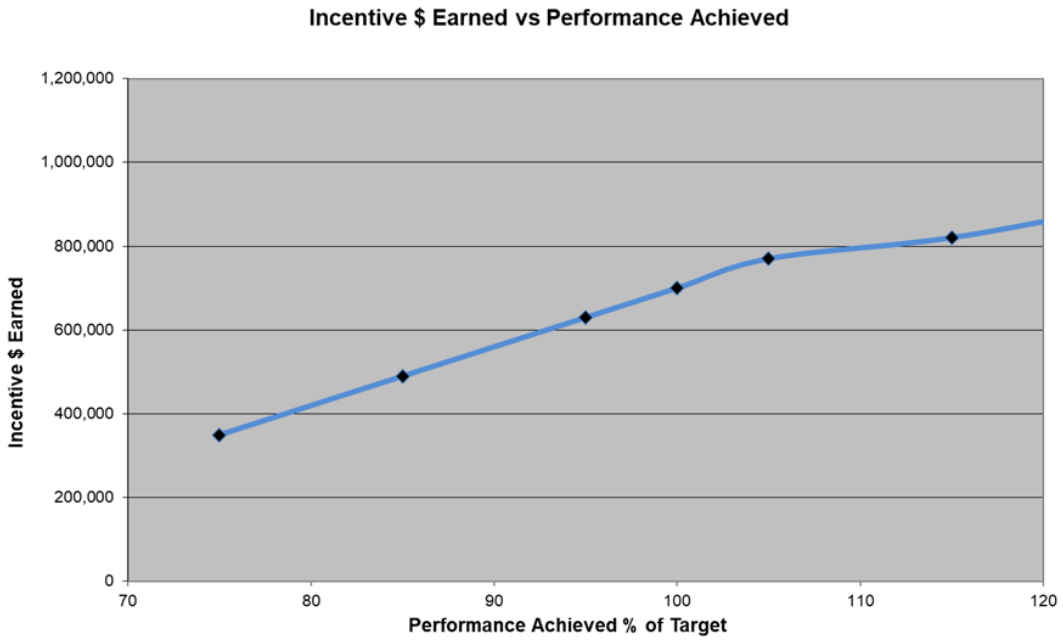
SCG and the EEB recognize that having clear indicators and metrics of performance are helpful in delivering quality programs to Connecticut consumers. The following is a table of performance and incentive metrics developed by the Companies with input from the EEB, the EEB consultants and DEEP. These performance and incentive metrics apply to the programs delineated in the 2022-2024 Plan. The projected SCG Performance Incentive is **$699,753** and is based on achieving 100% of all performance targets and earning an incentive of 5.0% of the total EE program budget of **$13,995,069** as shown on Table A (exclusive of EEB costs, Evaluation Consultant costs, Management incentives and Audit costs). The actual earned amount will be calculated on a sliding scale based on the percent of goal achieved and the actual total expenditures, based on the following performance range:

Performance Incentive Illustration

Performance % Minimum	Pre-tax %	Pre-tax Incentive
75	2.50%	$349,877
85	3.50%	$489,827
95	4.50%	$629,778
100	**5.00%**	**$699,753**
105	5.29%	$769,729
115	5.86%	$820,111
125	6.43%	$899,883
135	7.00%	$979,655

Maximum Budget: $13,995,069

Goals will be prorated based on actual over/under spend of budget.



Southern Connecticut Gas PMI (2024) (continued)

SECTOR / Program		Performance Indicators				Incentive Metrics			
						Incentive Metric	Target Goal	Weight	Incentive
RESIDENTIAL		**Program Name**	**LT-CCF**		**% (1)**				
Residential Programs (Sector Level) Sector Budget	**$8,326,963**	New Construction	469,638		5.98%	Sum of Gas System Benefit from Residential programs	Gas System Benefit from Residential programs **$12,349,649**	0.2144	**$150,027**
		Home Energy Solutions	2,383,389		30.33%				
		HVAC	1,854,629		23.60%				
		HES-Income Eligible	2,949,705		37.54%				
		Behavior	199,942		2.54%				
		Total	**7,857,304**						
		Savings Rate	**$1.5717**	/ ccf					
		Savings	**$12,349,649**						
		(1) percent of target goal							
Net Residential Gas Benefit:							**$4,022,687**	0.2144	**$150,027**
Home Energy Solutions	**$2,979,494**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).				ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$31,489**
HES - Income Eligible	**$3,859,968**	Achieve CCF savings from "core services" per single-family home that has air sealing completed (i.e., non-barriered homes). Based on previous year's actuals adjusted to the current year CT PSD plus 2.0% (X*102%).				ccf/home	Achieve X ccf savings/ single-family home	0.0450	**$31,489**

Southern Connecticut Gas PMI (2024) (continued)

SECTOR / Program		Performance Indicators			Incentive Metrics			
					Incentive Metric	Target Goal	Weight	Incentive
COMMERCIAL & INDUSTRIAL (C&I)		**Program Name**	**LT-CCF**	**% (1)**				
C&I Programs (Sector Level) Sector Budget	**$3,445,935**	Energy Conscious Blueprint	2,535,945	43.69%	Total Gas System Benefit from C&I programs	Gas System Benefit from C&I programs	0.1856	**$129,874**
		Energy Opportunities	1,788,377	30.81%				
		Business and Energy Sustainability	1,078,618	18.58%		**$8,621,227**		
		Small Business	401,662	6.92%				
		Total	**5,804,602**					
		Savings Rate	**$1.4852** /ccf					
		Savings	**$8,621,227**					
		(1) percent of target goal						
Net C&I Gas System Benefit:						**$5,175,292**	0.1856	**$129,874**
Small Business	**$345,825**	Develop and implement comprehensive offerings. Comprehensive projects shall be defined as: signed LOAs or customer assessments within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that results in a signed LOA or customer assessment within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$34,988**
Energy Conscious Blueprint / Energy Opportunities	**$2,648,491**	Develop and implement comprehensive projects. Comprehensive projects shall be defined as: signed LOAs within the current program year that result in projects with at least 2 measures, projects receiving tier 2 or tier 3 incentives, or BES projects that result in a signed LOA within the current program year. Based on Prior Year Actual results + 5% (X%+5%).			**%** of Gas Projects	X% of signed projects	0.0500	**$34,988**
Evaluation		Timely turnaround on purchase orders and Evaluation Data requests based on agreed upon timelines for each study. Sliding scale as noted in the PMI exhibit - with 100% of goal achievement based on 90% of the data requests and purchase orders being completed on time.			Timely turnaround	Based on 90% of data request and purchase orders	0.0100	**$6,998**
Total Incentives							**1.0000**	**$699,753**