

Lookups and Assumptions

GENERAL INPUTS

Fuel	Gas
PA	Liberty (Gas)
Period	Planned
Year 1	2021
Year 2	2022
Year 3	2023

AVOIDED COST ASSUMPTIONS

Three-Year Inputs

Input	Unit
Real Year	Year
Half Year Factor	%
Wholesale Risk Premium	%
Distribution Losses	%
Pcnt of Capacity Bid into FCM (%Bid)	%
PTF losses	%
Energy Losses	%
Peak demand losses	%
Pounds per short ton	Pounds
MMBtu in 1 kWh	MMBtu
kWh in 1 MMBtu	kWh

Annual Inputs

Input	Unit
Nominal Discount Rate	%
Inflation	%
Real Discount Rate	%
PTF Avoided Costs	\$ per kW
PTF Year	Year \$
Avoided Local Transmission Costs	\$ per kW
Avoided Distribution Costs	\$ per kW
T&D Year	Year \$
Res Water & Sewer	\$ per gallon
CI Water	\$ per gallon
Water Year	Year \$

Line Loss Inputs

Input	Unit
Summer Peak	%

Summer Off-Peak	%
Winter Peak	%
Winter Off-Peak	%
Average Loss	%

Benefit Toggles

Input	Unit
Energy DRIPE	Toggle
Electric Cross DRIPE	Toggle
Capacity DRIPE	Toggle
Reliability	Toggle
Gas Supply DRIPE	Toggle
Gas Electric Cross DRIPE	Toggle
Oil DRIPE	Toggle
Fossil emissions	Toggle
Fossil emissions RGGI	Toggle
Environmental Externalities	Toggle
NEI Adder	Toggle

NON-ENERGY IMPACTS

NEI Adder by sector	Unit
A - Residential	%
B - Low-Income	\$
C - Commercial & Industrial	%

FOSSIL EMISSIONS

Fossil Emissions Scaling Factor

Percent of fossil emissions	%
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Fossil Emissions Factors

	CO2 (pounds/MMBtu)
Natural Gas	116.65
Oil	163.45
Propane	138.63
Kerosene	161.35

Source / Notes

CO2 pounds: Updated 1/26/22 from <https://www.eia.gov/environment/emissions>
 Nox pounds:
 CO2 value:
 Nox value:

SALES

MMBtu Sales (2019)

Eversource Energy
Unitil Energy Systems Inc
Liberty (Gas)
New Hampshire Electric Cooperative Inc
Statewide Total

REFERENCED LISTS

Other Fuel Savings

Fuel Type in AESC

NG - Res All
NG - Res Hot Water
NG - Res Heating
NG - Res Non Heating
NG - C&I Gas Non Heating
NG - C&I Gas Heat
NG - C&I Gas All
Fuel Oil - Residential Distillate
Fuel Oil - Com Fuel
Fuel Oil - Industrial
Kerosene
Propane
Cord Wood
Pellet Wood
Res Water
C&I Water

End Use

Behavior
Custom Measures
Energy Star Homes
Envelope
Non-Energy Saving
Hot Water
HVAC
Lighting
Process
Refrigeration
Food Service
Compressed Air
Motors/Drives

Sectors

A - Residential
B - Low-Income
C - Commercial & Industrial

ELECTRIC Programs

LOW INCOME

B1 - Home Energy Assistance

RESIDENTIAL

A1 - Energy Star Homes
A2 - Home Performance with Energy Star
A3 - Energy Star Products
A4 - Residential Behavior

A5 - Residential Active Demand Response A6a - Res Customer Engagement Platform A6b - Res ISO Forward Capacity Market Expenses A6c - Residential Education A6d - Energy Optimization Pilot A6e - Res Financing A7 - Res TBD Pilots/Demonstrations	
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C&I

C1 - Large Business Energy Solutions C2 - Small Business Energy Solutions C3 - Municipal Energy Solutions C4 - Energy Rewards RFP Program C5 - C&I Active Demand Response C6a - C&I Customer Engagement Platform C6b - C&I ISO Forward Capacity Market Expenses C6c - C&I Education C6d - C&I Customer Partnerships C6e - Smart Start C6f - C&I On Bill Financing C6g - C&I Building Practices and Demo C7 - C&I TBD Pilots/Demonstrations	
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GAS Programs

LOW INCOME

B1 - Home Energy Assistance	
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RESIDENTIAL

A1 - Energy Star Homes A2 - Home Performance with Energy Star A3 - Energy Star Products A4 - Residential Behavior A5 - Residential Active Demand Response A6a - Res Customer Engagement Platform A6b - Res ISO Forward Capacity Market Expenses A6c - Residential Education A6d - Res Building Practices and Demo A6e - Res Financing A7 - Res TBD Pilots/Demonstrations	
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Subprogram

LOW INCOME

B1a - HEA (Weatherization)

B1b - HEA (HVAC Systems)

RESIDENTIAL

A1a - ES Homes

A2a - HPwES (Weatherization)

A2b - HPwES (HVAC Systems)

A2c - HPwES 3rd Party Financing (Loan buy-down)

A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)

A3a - ES Lighting

A3b - ES Appliances

A3c - ES HVAC Systems

A4a - Residential Behavior

A5a - Residential Active Demand Response

A6a - Res Customer Engagement Platform

A6b - Res ISO Forward Capacity Market Expenses

A6c - Residential Education

A6d - Energy Optimization Pilot

A6e - Res Financing

A7a - TBD Res Pilot/Demonstration 1

A7b - TBD Res Pilot/Demonstration 2

C&I

C1a - LCI Retrofit

C1b - LCI New Equipment and Construction

C1c - LCI Midstream

C1d - LCI Direct Install

C2a - SCI Retrofit

C2b - SCI New Equipment and Construction

C2c - SCI Midstream

C2d - SCI Direct Install

C3a - Muni Retrofit

C3b - Muni New Equipment and Construction

C3d - Muni Direct Install

C4a - Energy Rewards RFP Program

C5a - C&I Active Demand Response

C6a - C&I Customer Engagement Platform

C6b - C&I ISO Forward Capacity Market Expenses

C6c - C&I Education

C6d - C&I Customer Partnerships

C6e - Smart Start

C6f - C&I On Bill Financing

C6g - C&I Building Practices and Demo

C7a - TBD C&I Pilot/Demonstration 1

C7b - TBD C&I Pilot/Demonstration 2

Customers

Utility Customers (2020)

Eversource Energy

Unitil Energy Systems Inc

Liberty (Gas)

New Hampshire Electric Cooperative Inc

Statewide Total

2020 Customers



2021-2023		Source / Notes
2021		Updated on December 15, 2020 to reflect 2021 AESC. Previous value was
50.0%		Industry standard assumption.
8.0%		2021 AESC, March 2021 Release, Appendix B.
6.9%		
0.0%		Company specific value
1.6%		2018 AESC, October 2018 Release, Appendix B.
9.0%		2021 AESC, March 2021 Release, Appendix B.
16.0%		2021 AESC, March 2021 Release, Appendix B.
2,000		Industry standard assumption.
0.00341		Industry standard assumption.
293.07		Industry standard assumption.

2021	2022	2023	Source / Notes
3.25%	3.25%	3.25%	Updated October 18, 2021 Energy Efficiency Group F http://www.moneycafe.com
1.81%	2.03%	2.03%	Updated October 18, 2021 https://fred.stlouisfed.org/c
1.41%	1.19%	1.19%	Calculated: Real Discount
\$84.00	\$84.00	\$84.00	2021 AESC, March 2021 R
2021			2021 AESC, March 2021 R
			\$0. At this time the NH Uti
			in the benefit cost model.
\$79.98	\$79.98	\$79.98	
2017			
\$0.0079	\$0.0079	\$0.0079	Average of Manchester, N
\$0.0079	\$0.0079	\$0.0079	Average of Manchester, N
2016			



Eversource Factors		Source / Notes
9.00%	25.00%	

9.00%	25.00%	Matches energy losses from AESC 2021.
9.00%	25.00%	
9.00%	25.00%	
9.00%		

Included?		Source / Notes
Yes		
Yes		
Yes		
No		
Yes		
Yes		
Yes		
No		
Yes		
Yes		
Yes		

Value	Source / Notes
15%	Takes percent of total energy benefit (excludes water) and adds to total be
\$405.71	Annual dollar value per weatherization project added to total benefits.
15%	Takes percent of total energy benefit (excludes water) and adds to total be

10.00%

Nox (pounds/MMBtu)	CO2 Value (\$/ton)	Nox Value (\$/ton)	CO2 Value (\$/MMBTU)
0.09	100.00	11,954.59	\$5.83
0.13	100.00	11,954.59	\$8.17
0.14	100.00	11,954.59	\$6.93
0.13	100.00	11,954.59	\$8.07

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7,560,544
17,558,519
25,119,063

17,558,519 | Used to calculate percent of sales savings (based on 2019 sales)





Residential	Low-Income	C&I
88,997	5,376	14,618
88,997	5,376	14,618
88,997	5,376	14,618

[Redacted]

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s 2018.

[Redacted]

I. Based on the June 2021 Prime Rate in accordance with the Final Report, dated July 6, 1999 in DR 96-150. Retrieved from [n/personal-finance/prime-rate/](#)

I. Based on the inflation rate from Q1 2020 to Q1 2021, Retrieved from [data/GDPDEF.txt](#)

Rate = $[(1 + \text{Nominal Discount Rate}) / (1 + \text{Inflation Rate})] - 1$

release, page XXX-XXX.

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ilities do not have additional benefits related to avoided local transmission

IH and Concord, NH water and sewer costs per gallon from July 2016.

IH and Concord, NH water and sewer costs per gallon from July 2016.

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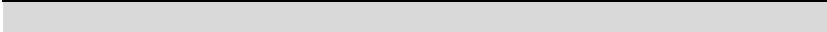


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Nox Value (\$/MMBTU)	Total Value (\$/MMBTU)
\$0.55	\$6.38
\$0.78	\$8.95
\$0.85	\$7.78
\$0.78	\$8.84





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	A	B	C	D	E	F	G	H	I	J	K	L
4	Year	Sector (Dropdown)	Program (Dropdown)	Subprogram (Dropdown)	Internal Admin	External Admin	Rebate / Services	Implementation Services	Marketing	EM&V	Performance Incentive	TOTAL PA COSTS
47	2022	B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	\$ 56,956	\$ 1,207	\$ 1,078,097	\$ 93,568	\$ 50,965	\$ 57,173		\$ 1,337,965
48	2022	B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)			\$ 360,864					\$ 360,864
49	2022	A - Residential	A1 - Energy Star Homes	A1a - ES Homes	\$ 21,382	\$ 453	\$ 541,244	\$ 35,126	\$ 19,133	\$ 20,421		\$ 637,758
50	2022	A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatherization)	\$ 40,464	\$ 857	\$ 847,034	\$ 66,476	\$ 36,208	\$ 40,918		\$ 1,031,958
51	2022	A - Residential	A2 - Home Performance with Energy Star	A2b - HPwES (HVAC Systems)			\$ 174,987					\$ 174,987
52	2022	A - Residential	A2 - Home Performance with Energy Star	A2c - HPwES 3rd Party Financing (Loan buy-down)			\$ -					\$ -
53	2022	A - Residential	A2 - Home Performance with Energy Star	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)			\$ -					\$ -
54	2022	A - Residential	A3 - Energy Star Products	A3a - ES Lighting								\$ -
55	2022	A - Residential	A3 - Energy Star Products	A3b - ES Appliances								\$ -
56	2022	A - Residential	A3 - Energy Star Products	A3c - ES HVAC Systems	\$ 41,787	\$ 885	\$ 1,057,769	\$ 68,648	\$ 37,392	\$ 39,909		\$ 1,246,390
57	2022	A - Residential	A4 - Residential Behavior	A4a - Residential Behavior	\$ 5,448	\$ 115	\$ 137,908	\$ 8,950	\$ 4,875	\$ 5,203		\$ 162,500
61	2022	A - Residential	A6c - Residential Education	A6c - Residential Education	\$ 2,366	\$ 50	\$ 62,154	\$ 3,887	\$ 2,117	\$ -		\$ 70,575
66	2022	C - Commercial & Industrial	C1 - Large Business Energy Solutions	C1a - LCI Retrofit	\$ 63,307	\$ 1,341	\$ 1,231,863	\$ 104,003	\$ 56,649	\$ 60,462		\$ 1,517,624
67	2022	C - Commercial & Industrial	C1 - Large Business Energy Solutions	C1b - LCI New Equipment and Construction			\$ 370,660					\$ 370,660
68	2022	C - Commercial & Industrial	C1 - Large Business Energy Solutions	C1c - LCI Midstream			\$ -					\$ -
69	2022	C - Commercial & Industrial	C1 - Large Business Energy Solutions	C1d - LCI Direct Install								\$ -
70	2022	C - Commercial & Industrial	C2 - Small Business Energy Solutions	C2a - SCI Retrofit	\$ 51,794	\$ 1,097	\$ 869,302	\$ 85,088	\$ 46,346	\$ 49,466		\$ 1,103,092
71	2022	C - Commercial & Industrial	C2 - Small Business Energy Solutions	C2b - SCI New Equipment and Construction			\$ 371,013					\$ 371,013
72	2022	C - Commercial & Industrial	C2 - Small Business Energy Solutions	C2c - SCI Midstream			\$ 70,759					\$ 70,759
73	2022	C - Commercial & Industrial	C2 - Small Business Energy Solutions	C2d - SCI Direct Install								\$ -
81	2022	C - Commercial & Industrial	C6c - C&I Education	C6c - C&I Education	\$ 1,274	\$ 27	\$ 33,466	\$ 2,093	\$ 1,140	\$ -		\$ 38,000
88												
89	2023	B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	\$ 60,928	\$ 1,504	\$ 1,112,984	\$ 100,094	\$ 53,357	\$ 77,852		\$ 1,406,720
90	2023	B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)			\$ 371,854					\$ 371,854
91	2023	A - Residential	A1 - Energy Star Homes	A1a - ES Homes	\$ 22,107	\$ 546	\$ 538,744	\$ 36,317	\$ 19,360	\$ 28,247		\$ 645,320
92	2023	A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatherization)	\$ 40,824	\$ 1,008	\$ 852,505	\$ 67,067	\$ 35,751	\$ 52,163		\$ 1,049,318
93	2023	A - Residential	A2 - Home Performance with Energy Star	A2b - HPwES (HVAC Systems)			\$ 142,391					\$ 142,391
94	2023	A - Residential	A2 - Home Performance with Energy Star	A2c - HPwES 3rd Party Financing (Loan buy-down)			\$ -					\$ -
95	2023	A - Residential	A2 - Home Performance with Energy Star	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)			\$ -					\$ -

1	2	3	4	5	6	7	8	9
LS_ID	Load Shape Description	Total Energy				P		
		Summer		Winter		Summer		
		On Peak	Off Peak	On Peak	Off Peak	Peak Day	On Peak	Seasonal Peak
ls_0	Non-Electric Measures	0.0%	0.0%	0.0%	0.0%			
ls_1	Clothes Washer	18.3%	15.4%	36.4%	29.9%	0.00013	0.00013	0.00014
ls_10	24 hour operation	15.2%	18.3%	30.5%	36.1%			
ls_75	Clothes Dryer - Electric	16.9%	14.2%	38.9%	30.0%	0.00013	0.00013	0.00013
ls_76	Clothes Dryer - Natural Gas	15.9%	16.4%	37.6%	30.1%	0.00013	0.00013	0.00013
ls_3	Hardwired Electric Heat	0.0%	0.0%	43.1%	56.9%	-	-	-
ls_4	Lighting	19.0%	15.1%	35.1%	30.7%	0.00014	0.00014	0.00014
ls_6	Primary TV and Peripherals	15.4%	17.6%	32.2%	34.8%	0.00011	0.00011	0.00011
ls_91	Primary Desktop Computer	17.5%	17.3%	33.5%	31.7%	0.00014	0.00014	0.00015
ls_7	Primary Refrigerator	18.2%	20.9%	29.0%	31.9%	0.00016	0.00014	0.00016
ls_77	Secondary Refrigerator	19.9%	23.6%	26.3%	30.2%	0.00017	0.00016	0.00017
ls_78	Freezer	17.1%	20.7%	28.7%	33.6%	0.00014	0.00013	0.00013
ls_79	Dehumidifier	24.9%	29.7%	22.0%	23.3%	0.00021	0.00019	0.00020
ls_80	Pool Pump	54.5%	38.2%	4.9%	2.4%	0.00052	0.00058	0.00066
ls_81	Dishwasher	14.8%	16.3%	34.1%	34.8%	0.00008	0.00008	0.00009
ls_8	Water Heater - Electric	15.2%	11.9%	41.5%	31.4%	0.00007	0.00008	0.00009
ls_83	Water Heater - Heat Pump	14.9%	13.0%	39.1%	33.0%	0.00009	0.00009	0.00010
ls_9	Water Heater - Natural Gas/Fuel Oil	13.3%	11.6%	40.9%	34.2%	0.00007	0.00008	0.00008
ls_11	Central Air Conditioner/Heat Pump (Cooling)	47.3%	42.2%	6.6%	3.8%	0.00129	0.00055	0.00117
ls_18	Room or Window Air Conditioner	47.5%	47.4%	2.9%	2.2%	0.00125	0.00052	0.00116
ls_89	Mini-Split Air Conditioner/Heat Pump (Cooling)	43.4%	40.2%	7.4%	9.0%	0.00130	0.00047	0.00111
ls_90	Mini-Split Heat Pump (Heating)	0.0%	0.0%	42.9%	57.1%	-	-	-
ls_73	Furnace Fan	0.0%	0.0%	44.6%	55.4%	-	-	-
ls_82	Boiler Distribution	0.0%	0.0%	45.0%	55.0%	-	-	-
ls_84	Weighted HVAC - All Homes	23.2%	21.7%	25.4%	29.7%	0.00063	0.00026	0.00057
ls_85	Weighted HVAC - Multi-family	25.2%	23.7%	23.2%	27.9%	0.00068	0.00028	0.00062
ls_86	Weighted HVAC - Multi-family Low Income	22.4%	21.6%	25.4%	30.6%	0.00060	0.00025	0.00055
ls_87	Weighted HVAC - Single Family	22.5%	20.8%	26.1%	30.5%	0.00061	0.00026	0.00056
ls_88	Weighted HVAC - Single Family Low Income	23.1%	21.7%	25.3%	29.9%	0.00062	0.00026	0.00057
ls_12	Central Heat Pump	10.1%	9.0%	35.1%	45.7%			
ls_13	DMSHP	8.0%	7.4%	36.4%	48.2%			
ls_14	Electric Resistance with AC	6.0%	5.0%	45.0%	44.0%			
	Custom Calculation							
ls_100	C&I Codes & Standards							
ls_101	C&I Compressed Air - VFD Compressor	26.5%	23.7%	25.9%	23.9%			
ls_102	C&I Compressed Air - Air Dryer	22.4%	27.7%	21.7%	28.1%			
ls_103	C&I Electric Chiller (Combined)	39.4%	38.5%	11.3%	10.8%			
ls_104	C&I Electric Cooling Unitary Equipment	52.7%	34.1%	8.6%	4.6%			
ls_105	C&I Exterior Lighting	19.2%	29.0%	20.1%	31.6%			
ls_106	C&I Interior Lighting - Prescriptive	34.3%	18.1%	30.3%	17.4%			
ls_107	C&I Interior Lighting - Custom	32.3%	19.4%	29.8%	18.6%			
ls_108	C&I Lighting Controls	32.1%	17.7%	31.3%	19.0%			
ls_109	C&I Refrigeration	23.3%	26.8%	22.6%	27.3%			
ls_110	C&I VFDs (Combined)	23.8%	25.3%	23.7%	27.2%			
ls_111	C&I Food Services	16.0%	17.0%	32.0%	35.0%			
ls_112	C&I Heating & Cooling	34.9%	22.1%	26.4%	16.6%			

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Administrator: Liberty (Gas)

Program Year: 2022

Measure	Measure ID	Quantity	Measure Life
Air Sealing, Gas	G21B1a001	299	15.0
Faucet Aerator, Gas	G21B1a002	4	7.0
Hand Held Showerhead, Gas	G21B1a003	28	7.0
Insulation, Gas	G21B1a004	641	20.5
LED Bulb, General Service Lamps	G21B1a005	0	5.0
LED Bulb, Linear	G21B1a006	0	10.0
LED Bulb, Other Specialty	G21B1a007	0	2.0
LED Bulb, Reflector	G21B1a008	0	2.0
LED Fixture	G21B1a009	0	2.0
Low Flow Showerhead, Gas	G21B1a010	6	7.0
Pipe Insulation - Hot Water, Gas	G21B1a011	1	15.0
Vendor Fees and Costs		1	1.0
Boiler Replacement, Gas	G21B1b001	59	19.0
Furnace Replacement, Gas	G21B1b002	12	17.0
Programmable Thermostat, Gas	G21B1b003	10	15.0
Wifi Thermostat, Gas	G21B1b004	0	15.0
Duct Insulation, Hydronic	G21B1a015	0	
Duct Insulation, Ducts	G21B1a016	0	
Duct Sealing	G21B1a017	0	
HVAC Repair: Boiler - Condensing, Water	G21B1b005	0	
HVAC Repair: Boiler - Steam	G21B1b006	0	
HVAC Repair: Boiler -Water	G21B1b007	0	
HVAC Repair: Furnace - Condensing, Ducted	G21B1b008	0	
HVAC Repair: Furnace - Ducted	G21B1b009	0	
Tank Wrap	G21B1a018	0	
Hot Water Setback	G21B1a019	0	
Indirect Water Heater (attached to ES FHW Boiler; Comb	G21B1b010	0	
Integrated Water Heater w/Condensing Boiler >= 90% AF	G21B1b011	0	
Integrated Water Heater w/Condensing Boiler >= 95% AF	G21B1b012	0	
Tankless On-Demand Water Heater, >= .82	G21B1b013	0	
Tankless On-Demand Water Heater, UEF .87+	G21B1b014	0	
ES Storage Water Heater, Med Draw UEF .64+, High Dra	G21B1b015	0	
Condensing Water Heater, UEF of .80+	G21B1b016	0	
Window Insert	G21B1a020	0	
		0	
Cooling, Electric, SF	E21A1a001	0	25.0
Heating, Gas, SF	G21A1a002	170	25.0
Hot Water, Gas, SF	G21A1a003	0	25.0
Cooling, Electric, MF	E21A1a002	0	25.0
Heating, Gas, MF	G21A1a005	79	25.0
Hot Water, Gas, MF	G21A1a006	0	25.0
LED Bulb - SF	G21A1a007	0	5.0
LED Bulb (MF)	G21A1a008	0	5.0

Clothes Washer	G21A1a009	0	11.0
Rater Fees and Costs		1	1.0
Air Sealing, Gas	G21A2a001	134	15.0
Faucet Aerator, Gas	G21A2a002	33	7.0
Hand Held Showerhead, Gas	G21A2a003	37	7.0
Insulation, Gas	G21A2a004	299	21.7
LED Bulb, General Service Lamps	G21A2a005	840	5.0
LED Bulb, Linear	G21A2a006	0	
LED Bulb, Other Specialty	G21A2a007	202	5.0
LED Bulb, Reflector	G21A2a008	88	5.0
LED Fixture	G21A2a009	0	
Low Flow Showerhead, Gas	G21A2a010	48	7.0
Pipe Insulation - Hot Water, Gas	G21A2a011	12	15.0
Ancillary Savings – Central AC	G21A2b007	1	5.0
Ancillary Savings – Mini-Split AC / HP	G21A2b009	0	13.8
Ancillary Savings – Boiler Circulator Pump	G21A2b005	80	20.0
Ancillary Savings – Furnace	G21A2b006	62	17.0
Ancillary Savings – Room AC	G21A2b008	0	20.0
Vendor Fees and Costs		1	1.0
Duct Insulation, Hydronic	G21A2a015	0	
Duct Insulation, Ducts	G21A2a016	0	
Duct Sealing	G21A2a017	0	
Tank Wrap	G21A2a018	0	
Hot Water Setback	G21A2a019	0	
Boiler Replacement, Gas	G21A2b001	0	19.0
Furnace Replacement, Gas	G21A2b002	0	17.0
Programmable Thermostat, Gas	G21A2b003	219	15.0
Wifi Thermostat, Gas	G21A2b004	512	15.0
Early Replacement Boiler, FHW - EE 90 AFUE (80%-90%)	G21A3b001	0	19.0
Early Replacement Boiler, FHW - Retirement: 90 AFUE (6	G21A3b002	0	10.0
Early Replacement Boiler, Steam - EE: 82%+ AFUE	G21A3b003	0	19.0
Early Replacement Boiler, Steam - Retirement: 82%+ AFU	G21A3b004	0	10.0
Boiler Reset Controls	G21A3b005	2	15.0
Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b006	16	19.0
Condensing Boiler >= 95% AFUE (Up to 300 MBH)	G21A3b007	115	19.0
Furnace 95+ AFUE (<150) w/ECM Motor	G21A3b008	260	17.0
Furnace 97+ AFUE (<150) w/ECM Motor	G21A3b009	90	17.0
Heat Recovery Ventilator (-133 kWh penalty)	G21A3b010	0	20.0
Programmable Thermostat	G21A3b011	60	15.0
Indirect Water Heater (attached to ES FHW Boiler; Comb	G21A3b012	20	20.0
Integrated Water Heater w/Condensing Boiler >= 90% AF	G21A3b013	0	19.0
Integrated Water Heater w/Condensing Boiler >= 95% AF	G21A3b014	245	19.0
Condensing Water Heater, UEF of .80+	G21A3b015	0	15.0
ES Storage Water Heater, Med Draw UEF .64+, High Dra	G21A3b016	17	13.0
Tankless On-Demand Water Heater, >= .82	G21A3b017	0	19.0
Tankless On-Demand Water Heater, UEF .87+	G21A3b018	110	19.0
WiFi Thermostat (Heating Only)	G21A3b019	1,775	15.0
WiFi Thermostat (Heating & Cooling)	G21A3b020	0	15.0
Rebate Processing		1	1.0

Vendor Fees and Costs		1 0	1.0
Home Energy Reports	G21A4a001	30,000	1.0
Custom Large Hot Water Retro	G21C1a001	0	
Custom Large HVAC Retro	G21C1a002	0	
Custom Large Other Retro	G21C1a003	34	17.2
Custom Large Process Retro	G21C1a004	0	
Air Sealing, Gas	G21C1a017	0	
Insulation, Gas	G21C1a018	0	
Faucet Aerator, Gas	G21C1a005	0	
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1a006	0	
Low Flow Showerhead, Gas	G21C1a007	0	
Pipe Wrap - Hot Water, Gas	G21C1a008	0	
Pre Rinse Spray Valve, Gas	G21C1a009	0	8.0
Boiler Reset Controls, Gas	G21C1a010	0	15.0
Boiler Tune-Ups	G21C1a011	1	2.0
Energy Management System, Gas	G21C1a012	1	10.0
Pipe Insulation - Heating, Gas	G21C1a013	1	15.0
Steam Trap, Gas	G21C1a014	354	6.0
Programmable Thermostat, Gas	G21C1a015	0	15.0
WiFi Thermostat (Heating & Cooling)	G21C1a016	0	15.0
Vendor Fees - Fixed		1	1.0
Vendor Fees - Variable		1	1.0
Vendor Fees - Project Expeditors		1	1.0
Vendor Fees - TA Studies		1	1.0
Custom Large Hot Water New	G21C1b001	0	
Custom Large HVAC New	G21C1b002	0	
Custom Large Other New	G21C1b003	35	18.2
Custom Large Process New	G21C1b004	0	15.0
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005	0	15.0
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006	0	10.0
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	3	25.0
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	1	25.0
Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	0	
Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	2	25.0
Combo Condensing Boiler / Water Heater, Gas	G21C1b011	0	
Combo Furnace / Water Heater, Gas	G21C1b012	0	18.0
Condensing Unit Heater, Gas	G21C1b013	0	18.0
Furnace w/ ECM 95 AFUE, Gas	G21C1b014	4	18.0
Furnace w/ ECM 97 AFUE, Gas	G21C1b015	0	18.0
Infrared Heater, Gas	G21C1b016	2	17.0
Faucet Aerator, Gas	G21C1b017	0	10.0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1b018	0	
Low Flow Showerhead, Gas	G21C1b019	0	10.0
Pre Rinse Spray Valve, Gas	G21C1b020	0	8.0
Combination Oven, Gas	G21C1b021	0	12.0
Convection Oven, Gas	G21C1b022	0	12.0
Conveyor Oven, Gas	G21C1b023	0	12.0

Fryer, Gas	G21C1b024	0	12.0
Griddle, Gas	G21C1b025	0	12.0
Rack Oven, Gas	G21C1b026	0	12.0
Steam Cooker, Gas	G21C1b027	0	12.0
Midstream Water Heater, Condensing Gas	G21C1c012	0	15.0
Midstream Combination Oven, Gas	G21C1c001	0	12.0
Midstream Convection Oven, Gas	G21C1c002	0	12.0
Midstream Conveyor Oven, Gas	G21C1c003	0	12.0
Midstream Fryer, Gas	G21C1c004	0	12.0
Midstream Griddle, Gas	G21C1c005	0	12.0
Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	0	8.0
Midstream Rack Oven, Gas	G21C1c007	0	12.0
Midstream Steam Cooker, Gas	G21C1c008	0	12.0
Midstream Indirect Water Heater, Gas	G21C1c009	0	15.0
Midstream On Demand Tankless Water Heater, Gas	G21C1c010	0	20.0
Midstream Volume Water Heater, Gas	G21C1c011	0	15.0
Custom Small Hot Water Retro	G21C2a001	0	
Custom Small HVAC Retro	G21C2a002	0	
Custom Small Other Retro	G21C2a003	84	19.6
Custom Small Process Retro	G21C2a004	0	
Air Sealing, Gas	G21C2a017	0	
Insulation, Gas	G21C2a018	0	
Faucet Aerator, Gas	G21C2a005	0	
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2a006	0	
Low Flow Showerhead, Gas	G21C2a007	0	
Pipe Wrap - Hot Water, Gas	G21C2a008	100	15.0
Pre Rinse Spray Valve, Gas	G21C2a009	0	8.0
Boiler Reset Controls, Gas	G21C2a010	0	10.0
Boiler Tune-Ups	G21C2a011	0	10.0
Energy Management System, Gas	G21C2a012	0	10.0
Pipe Insulation - Heating, Gas	G21C2a013	0	10.0
Steam Trap, Gas	G21C2a014	35	6.0
Programmable Thermostat, Gas	G21C2a015	350	15.0
WiFi Thermostat (Heating & Cooling)	G21C2a016	18	15.0
Vendor Fees - Fixed		1	1.0
Vendor Fees - Variable		1	1.0
Vendor Fees - Project Expeditors		1	1.0
Vendor Fees - TA Studies		1	1.0
Custom Small Hot Water New	G21C2b001	0	
Custom Small HVAC New	G21C2b002	0	
Custom Small Other New	G21C2b003	0	
Custom Small Process New	G21C2b004	0	
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C2b005	11	25.0
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C2b006	11	25.0
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	25	25.0
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	11	25.0
Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	0	
Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	18	25.0
Combo Condensing Boiler / Water Heater, Gas	G21C2b011	0	
Combo Furnace / Water Heater, Gas	G21C2b012	0	18.0
Condensing Unit Heater, Gas	G21C2b013	0	18.0
Furnace w/ ECM 95 AFUE, Gas	G21C2b014	14	18.0

Furnace w/ ECM 97 AFUE, Gas	G21C2b015	0	18.0
Infrared Heater, Gas	G21C2b016	22	17.0
Faucet Aerator, Gas	G21C2b017	997	10.0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2b018	0	
Low Flow Showerhead, Gas	G21C2b019	450	10.0
Pre Rinse Spray Valve, Gas	G21C2b020	60	7.5
Combination Oven, Gas	G21C2b021	0	12.0
Convection Oven, Gas	G21C2b022	15	12.0
Conveyor Oven, Gas	G21C2b023	0	12.0
Fryer, Gas	G21C2b024	0	12.0
Griddle, Gas	G21C2b025	0	12.0
Rack Oven, Gas	G21C2b026	0	12.0
Steam Cooker, Gas	G21C2b027	0	12.0
Midstream Combination Oven, Gas	G21C2c001	0	12.0
Midstream Convection Oven, Gas	G21C2c002	0	12.0
Midstream Conveyor Oven, Gas	G21C2c003	0	12.0
Midstream Fryer, Gas	G21C2c004	28	12.0
Midstream Griddle, Gas	G21C2c005	2	12.0
Midstream Pre-Rinse Spray Valve, Gas	G21C2c006	0	8.0
Midstream Rack Oven, Gas	G21C2c007	0	12.0
Midstream Steam Cooker, Gas	G21C2c008	0	12.0
Midstream Indirect Water Heater, Gas	G21C2c009	6	15.0
Midstream On Demand Tankless Water Heater, Gas	G21C2c010	12	19.0
Midstream Volume Water Heater, Gas	G21C2c011	25	15.0
Midstream Water Heater, Condensing Gas	G21C2c012	0	15.0
		0	

\$ 266,463.54	\$ 266,463.54	\$ -	\$ -	0.0%	0.0%	0.0%
\$ -	\$ -	\$ -	\$ -	0.0%	0.0%	0.0%
\$ 754.53	\$ 672.24		\$ 82.29	0.0%	0.0%	0.0%
\$ 6.37	\$ 6.37		\$ -	0.0%	0.0%	0.0%
\$ 24.74	\$ 24.67		\$ 0.07	0.0%	0.0%	0.0%
\$ 2,879.52	\$ 2,059.12		\$ 820.40	0.0%	0.0%	0.0%
\$ 11.94	\$ 11.94		\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 11.68	\$ 11.68		\$ -	0.0%	0.0%	0.0%
\$ 11.61	\$ 11.61		\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 17.77	\$ 17.77		\$ -	0.0%	0.0%	0.0%
\$ 135.50	\$ 116.57		\$ 18.93	0.0%	0.0%	0.0%
\$ 275.00	\$ 275.00		\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 209.54	\$ 157.16		\$ 52.39	0.0%	0.0%	0.0%
\$ 139.20	\$ 105.95		\$ 33.25	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 125,058.50	\$ 125,058.50		\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 29.60	\$ 25.47		\$ 4.14	0.0%	0.0%	0.0%
\$ 338.05	\$ 292.50		\$ 45.54	0.0%	0.0%	0.0%
\$ 3,998.00	\$ 3,000.00	\$ -	\$ 998.00	10.0%	0.0%	0.0%
\$ -	\$ -	\$ -	\$ -	10.0%	0.0%	0.0%
\$ 2,046.00	\$ 1,900.00	\$ -	\$ 146.00	10.0%	0.0%	0.0%
\$ -	\$ -	\$ -	\$ -	10.0%	0.0%	0.0%
\$ 300.00	\$ 225.00	\$ 4.39	\$ 75.00	10.0%	0.0%	0.0%
\$ 2,342.00	\$ 1,000.00	\$ 4.39	\$ 1,342.00	10.0%	0.0%	0.0%
\$ 2,400.00	\$ 1,500.00	\$ 4.39	\$ 900.00	10.0%	0.0%	0.0%
\$ 921.00	\$ 300.00	\$ 4.39	\$ 621.00	10.0%	0.0%	0.0%
\$ 1,083.00	\$ 450.00	\$ 4.39	\$ 633.00	10.0%	0.0%	0.0%
\$ 960.00	\$ 500.00	\$ 4.39	\$ 460.00	10.0%	0.0%	0.0%
\$ 92.00	\$ 25.00	\$ 4.39	\$ 67.00	0.0%	0.0%	0.0%
\$ 1,749.00	\$ 400.00	\$ 4.39	\$ 1,349.00	0.0%	0.0%	0.0%
\$ 1,728.48	\$ 1,000.00	\$ 4.39	\$ 728.48	0.0%	0.0%	0.0%
\$ 3,365.27	\$ 1,500.00	\$ 4.39	\$ 1,865.27	0.0%	0.0%	0.0%
\$ 685.00	\$ 500.00	\$ 4.39	\$ 185.00	0.0%	0.0%	0.0%
\$ 400.00	\$ 100.00	\$ 4.39	\$ 300.00	0.0%	0.0%	0.0%
\$ 1,198.00	\$ 500.00	\$ 4.39	\$ 698.00	0.0%	0.0%	0.0%
\$ 1,035.25	\$ 700.00	\$ 4.39	\$ 335.25	0.0%	0.0%	0.0%
\$ 268.00	\$ 85.00	\$ 4.39	\$ 183.00	0.0%	0.0%	0.0%
\$ 268.00	\$ 85.00	\$ 4.39	\$ 183.00	0.0%	0.0%	0.0%
\$ 11,894.18	\$ 11,894.18	\$ -	\$ -	0.0%	0.0%	0.0%

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			\$ -	0.0%	0.0%	0.0%
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			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	70.0%	0.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
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			\$ -	23.7%	7.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
			\$ -	23.7%	7.0%	0.0%
		\$ -	\$ -	70.0%	0.0%	0.0%
		\$ -	\$ -	40.0%	0.0%	0.0%
		\$ -	\$ -	40.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 16,928.52	\$ 4,453.51		\$ 12,475.01	0.0%	0.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 8.00	\$ 8.00		\$ -	0.0%	0.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
\$ 375.31	\$ 375.31		\$ -	16.0%	5.0%	0.0%
\$ 92.00	\$ 25.00		\$ 67.00	0.0%	0.0%	0.0%
\$ 250.00	\$ 100.00		\$ 150.00	0.0%	0.0%	0.0%
\$ 86,400.00	\$ 86,400.00		\$ -	0.0%	0.0%	0.0%
\$ 60,327.16	\$ 60,327.16		\$ -	0.0%	0.0%	0.0%
\$ 232,200.00	\$ 232,200.00		\$ -	0.0%	0.0%	0.0%
\$ 90,000.00	\$ 90,000.00		\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
\$ 10,601.00	\$ 5,555.56		\$ 5,045.44	16.0%	5.0%	0.0%
\$ 7,874.00	\$ 7,500.00		\$ 374.00	16.0%	5.0%	0.0%
\$ 5,077.00	\$ 4,000.00		\$ 1,077.00	0.0%	0.0%	0.0%
\$ 3,879.00	\$ 2,800.00		\$ 1,079.00	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
\$ 4,232.80	\$ 1,650.00		\$ 2,582.80	0.0%	0.0%	0.0%
			\$ -	0.0%	0.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
			\$ -	16.0%	5.0%	0.0%
\$ 1,533.23	\$ 300.00		\$ 1,233.23	16.0%	5.0%	0.0%

				\$ -	16.0%	5.0%	0.0%
\$ 2,982.00	\$ 750.00			\$ 2,232.00	16.0%	5.0%	0.0%
\$ 60.00	\$ 7.00			\$ 53.00	16.0%	5.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
\$ 175.85	\$ 36.54			\$ 139.31	0.0%	0.0%	0.0%
\$ 472.00	\$ 75.00			\$ 397.00	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
\$ 1,625.00	\$ 1,218.75			\$ 406.25	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	0.0%	0.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
\$ 3,400.00	\$ 1,103.57			\$ 2,296.43	23.7%	7.0%	0.0%
\$ 1,165.00	\$ 550.00			\$ 615.00	23.7%	7.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
				\$ -	23.7%	7.0%	0.0%
\$ 1,084.00	\$ 399.67			\$ 684.33	70.0%	0.0%	0.0%
\$ 589.44	\$ 604.33	\$ 90.65		\$ (14.89)	40.0%	0.0%	0.0%
\$ 4,761.00	\$ 1,164.38	\$ 174.66		\$ 3,596.62	40.0%	0.0%	0.0%
		\$ -		\$ -	70.0%	0.0%	0.0%
\$ -	\$0.00	\$0.00					
\$ -	\$0.00	\$0.00					

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100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	13.33
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	13.93
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	44.62
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	44.38
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	52.61
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	52.61
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	27.73
100.0%	99.0%	96.0%	96.0%	96.0%	100.0%	329.50
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	17.52
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	86.00
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	61.58
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	-
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	-
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	-
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	-
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	-
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	6.06
100.0%	99.0%	96.0%	96.0%	96.0%	104.0%	0.90
						-
100.0%	86.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	86.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	104.20
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	104.20
100.0%	89.0%	100.0%	100.0%	100.0%	100.0%	(133.00)
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	27.00
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	24.86
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

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Energy Savings

LS_ID (Dropdown)	Max Demand (Entered)	Max Demand Factor (Look-up)	Winter Peak Energy %	Winter Off-Peak Energy %
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Furnace Fan		0.000645	44.6%	55.4%
Furnace Fan		0.000645	44.6%	55.4%
Furnace Fan		0.000645	44.6%	55.4%
Non-Electric Measures		0.000000	0.0%	0.0%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%

Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Mini-Split Heat Pump (Heating)		0.000438	42.9%	57.1%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Room or Window Air Conditioner		0.001580	2.9%	2.2%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Furnace Fan		0.000645	44.6%	55.4%
Furnace Fan		0.000645	44.6%	55.4%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil	-0.010	0.000357	40.9%	34.2%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%

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		Capacity Savings				
Summer Peak Energy %	Summer Off-Peak Energy %	Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)
23.2%	21.7%	0.055	33.6%	20.1%	33.6%	33.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.151	33.6%	20.1%	33.6%	33.6%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%

13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.010	33.6%	20.1%	33.6%	33.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.011	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.035	33.6%	20.1%	33.6%	33.6%
19.0%	15.1%	0.011	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.013	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.013	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.022	33.6%	20.1%	33.6%	33.6%
47.3%	42.2%	0.525	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	62.0%	0.0%	0.0%
0.0%	0.0%	0.010	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.055	0.0%	45.2%	0.0%	0.0%
47.5%	47.4%	0.097	32.8%	0.0%	32.8%	32.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
23.2%	21.7%	0.005	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.001	33.6%	20.1%	33.6%	33.6%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.067201	0.0%	45.2%	0.0%	0.0%
0.0%	0.0%	0.067201	0.0%	45.2%	0.0%	0.0%
23.2%	21.7%	-0.104167	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.021147	33.6%	20.1%	33.6%	33.6%
13.3%	11.6%	0.000000	21.4%	39.9%	21.4%	21.4%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	-0.015	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	-0.010	21.4%	39.9%	21.4%	21.4%
23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
23.2%	21.7%	0.019	33.6%	62.0%	33.6%	33.6%
0.0%	0.0%	0.000	29.0%	0.0%	29.0%	29.0%

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	-			
NG - Res Heating	11.96			
NG - Res Hot Water	0.18			
NG - Res Hot Water	0.43			
NG - Res Heating	39.42			
NG - Res Heating				
NG - Res Heating				
NG - Res Heating				
NG - Res Hot Water	0.49			
NG - Res Hot Water	1.95			
NG - Res Heating				
NG - Res Heating	2.39			
NG - Res Heating	-			
NG - Res Heating	-			
	-			
NG - Res Heating				
NG - Res Heating				
NG - Res Heating	0.43			
NG - Res Heating	5.49			
	-			
NG - Res Heating	11.40			
NG - Res Heating	7.00			
NG - Res Heating	2.90			
NG - Res Heating	8.00			
NG - Res Heating	5.10			
NG - Res Heating	12.10			
NG - Res Heating	14.80			
NG - Res Heating	9.80			
NG - Res Heating	10.30			
NG - Res Heating	7.70			
NG - Res Heating	3.50			
NG - Res Hot Water	4.00			
NG - Res All	8.40			
NG - Res All	12.80			
NG - Res Hot Water	7.00			
NG - Res Hot Water	3.00			
NG - Res Hot Water	10.20			
NG - Res Hot Water	7.30			
NG - Res Heating	5.80			
NG - Res Heating	5.80			

	-			
	-			
NG - Res Heating	0.58			
	-			
	-			
	-			
	-			
	-			
NG - C&I Gas All	607.58			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	222.10			
NG - C&I Gas Heat	136.00			
NG - C&I Gas Heat	169.35			
NG - C&I Gas Heat	42.54			
NG - C&I Gas Heat	3.50			
NG - C&I Gas Heat	9.86			
	-			
	-			
	-			
	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	570.49			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	51.40			
NG - C&I Gas Heat	28.00			
NG - C&I Gas Heat	17.70			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	5.7			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	12.00			
NG - C&I Gas Heat	-			
NG - C&I Gas Non Heating	1.66			
NG - C&I Gas Non Heating	2.65			
NG - C&I Gas Non Heating	11.40			
NG - C&I Gas Non Heating	110.30			
NG - C&I Gas Non Heating	35.70			
NG - C&I Gas Non Heating	88.40			

NG - C&I Gas Non Heating	78.30			
NG - C&I Gas Non Heating	37.90			
NG - C&I Gas Non Heating	211.30			
NG - C&I Gas Non Heating	370.70			
NG - C&I Gas Non Heating	30.10			
NG - C&I Gas Non Heating	110.30			
NG - C&I Gas Non Heating	35.70			
NG - C&I Gas Non Heating	88.40			
NG - C&I Gas Non Heating	78.30			
NG - C&I Gas Non Heating	37.90			
NG - C&I Gas Non Heating	11.40			
NG - C&I Gas Non Heating	211.30			
NG - C&I Gas Non Heating	370.70			
NG - C&I Gas Heat	-			
	-			
NG - C&I Gas Non Heating	5.52			
	-			
NG - C&I Gas All	104.28			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Non Heating	0.21			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	10.48			
NG - C&I Gas Heat	3.50			
NG - C&I Gas Heat	3.50			
	-			
	-			
	-			
	-			
NG - C&I Gas All				
NG - C&I Gas All				
NG - C&I Gas Heat	-			
NG - C&I Gas Heat	165.30			
NG - C&I Gas Heat	117.32			
NG - C&I Gas Heat	51.40			
NG - C&I Gas Heat	28.00			
NG - C&I Gas Heat	19.47			
NG - C&I Gas Heat	-			
NG - Res Heating	5.70			

NG - C&I Gas Heat	-			
NG - C&I Gas Heat	12.00			
NG - C&I Gas Heat	1.70			
NG - C&I Gas Non Heatin	-			
NG - C&I Gas Non Heatin	2.65			
NG - C&I Gas Non Heatin	2.65			
NG - C&I Gas Non Heatin	110.30			
NG - C&I Gas Non Heatin	35.70			
NG - C&I Gas Non Heatin	88.40			
NG - C&I Gas Non Heatin	78.30			
NG - C&I Gas Non Heatin	37.90			
NG - C&I Gas Non Heatin	211.30			
NG - C&I Gas Non Heatin	370.70			
NG - C&I Gas Non Heatin	110.30			
NG - C&I Gas Non Heatin	35.70			
NG - C&I Gas Non Heatin	88.40			
NG - C&I Gas Non Heatin	78.30			
NG - C&I Gas Non Heatin	37.90			
NG - C&I Gas Non Heatin	11.40			
NG - C&I Gas Non Heatin	211.30			
NG - C&I Gas Non Heatin	370.70			
NG - C&I Gas Non Heatin	19.00			
NG - C&I Gas Non Heatin	8.90			
NG - C&I Gas Non Heatin	81.80			
NG - C&I Gas Heat	-			
	-			
	-			
	-			
	-			

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	-	-
	-	-
	-	5,460
	-	-
	-	7,300
	-	25,071
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
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	-	-
	-	-
	-	-
	-	-
	-	-
	0	0
	0	0
	0	0

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[illegible]

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[illegible]

Administrator: Liberty (Gas)
Program Year: 2023

Measure	Measure ID	End Use (Dropdown)	Quantity
Air Sealing, Gas	G21B1a001	Envelope	308
Faucet Aerator, Gas	G21B1a002	Hot Water	4
Hand Held Showerhead, Gas	G21B1a003	Hot Water	29
Insulation, Gas	G21B1a004	Envelope	661
LED Bulb, General Service Lamps	G21B1a005	Lighting	0
LED Bulb, Linear	G21B1a006	Lighting	0
LED Bulb, Other Specialty	G21B1a007	Lighting	0
LED Bulb, Reflector	G21B1a008	Lighting	0
LED Fixture	G21B1a009	Lighting	0
Low Flow Showerhead, Gas	G21B1a010	Hot Water	6
Pipe Insulation - Hot Water, Gas	G21B1a011	Hot Water	1
Vendor Fees and Costs		Non-Energy Saving	1
Boiler Replacement, Gas	G21B1b001	HVAC	61
Furnace Replacement, Gas	G21B1b002	HVAC	12
Programmable Thermostat, Gas	G21B1b003	HVAC	11
Wifi Thermostat, Gas	G21B1b004	HVAC	0
Duct Insulation, Hydronic	G21B1a015	Envelope	0
Duct Insulation, Ducts	G21B1a016	HVAC	0
Duct Sealing	G21B1a017	Envelope	0
HVAC Repair: Boiler - Condensing, Water	G21B1b005	HVAC	0
HVAC Repair: Boiler - Steam	G21B1b006	HVAC	0
HVAC Repair: Boiler -Water	G21B1b007	HVAC	0
HVAC Repair: Furnace - Condensing, Ducted	G21B1b008	HVAC	0
HVAC Repair: Furnace - Ducted	G21B1b009	HVAC	0
Tank Wrap	G21B1a018	Hot Water	0
Hot Water Setback	G21B1a019	Hot Water	0
Indirect Water Heater (attached to ES FHW Boiler; Combi	G21B1b010	Hot Water	0
Integrated Water Heater w/Condensing Boiler >= 90% AF	G21B1b011	Hot Water	0
Integrated Water Heater w/Condensing Boiler >= 95% AF	G21B1b012	Hot Water	0
Tankless On-Demand Water Heater, >= .82	G21B1b013	Hot Water	0
Tankless On-Demand Water Heater, UEF .87+	G21B1b014	Hot Water	0
ES Storage Water Heater, Med Draw UEF .64+, High Dra	G21B1b015	Hot Water	0
Condensing Water Heater, UEF of .80+	G21B1b016	Hot Water	0
Window Insert	G21B1a020	Envelope	0
			0
Cooling, Electric, SF	E21A1a001	HVAC	0
Heating, Gas, SF	G21A1a002	HVAC	169
Hot Water, Gas, SF	G21A1a003	Hot Water	0
Cooling, Electric, MF	E21A1a002	HVAC	0
Heating, Gas, MF	G21A1a005	HVAC	70

Hot Water, Gas, MF	G21A1a006	Hot Water	0
LED Bulb - SF	G21A1a007	Lighting	0
LED Bulb (MF)	G21A1a008	Lighting	0
Clothes Washer	G21A1a009	Hot Water	0
Rater Fees and Costs		Non-Energy Saving	1
Air Sealing, Gas	G21A2a001	Envelope	134
Faucet Aerator, Gas	G21A2a002	Hot Water	33
Hand Held Showerhead, Gas	G21A2a003	Hot Water	37
Insulation, Gas	G21A2a004	Envelope	299
LED Bulb, General Service Lamps	G21A2a005	Lighting	840
LED Bulb, Linear	G21A2a006	Lighting	0
LED Bulb, Other Specialty	G21A2a007	Lighting	202
LED Bulb, Reflector	G21A2a008	Lighting	88
LED Fixture	G21A2a009	Lighting	0
Low Flow Showerhead, Gas	G21A2a010	Hot Water	48
Pipe Insulation - Hot Water, Gas	G21A2a011	Hot Water	12
Ancillary Savings – Central AC	G21A2b007	HVAC	1
Ancillary Savings – Mini-Split AC / HP	G21A2b009	HVAC	0
Ancillary Savings – Boiler Circulator Pump	G21A2b005	HVAC	80
Ancillary Savings – Furnace	G21A2b006	HVAC	62
Ancillary Savings – Room AC	G21A2b008	HVAC	0
Vendor Fees and Costs		Non-Energy Saving	1
Duct Insulation, Hydronic	G21A2a015	Hot Water	0
Duct Insulation, Ducts	G21A2a016	HVAC	0
Duct Sealing	G21A2a017	Envelope	0
Tank Wrap	G21A2a018	Hot Water	0
Hot Water Setback	G21A2a019	Hot Water	0
Boiler Replacement, Gas	G21A2b001	HVAC	0
Furnace Replacement, Gas	G21A2b002	HVAC	0
Programmable Thermostat, Gas	G21A2b003	HVAC	219
Wifi Thermostat, Gas	G21A2b004	HVAC	401
			0
Early Replacement Boiler, FHW - EE 90 AFUE (80%-90%)	G21A3b001	HVAC	0
Early Replacement Boiler, FHW - Retirement: 90 AFUE (6	G21A3b002	HVAC	0
Early Replacement Boiler, Steam - EE: 82%+ AFUE	G21A3b003	HVAC	0
Early Replacement Boiler, Steam - Retirement: 82%+ AFU	G21A3b004	HVAC	0
Boiler Reset Controls	G21A3b005	HVAC	2
Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b006	HVAC	16
Condensing Boiler >= 95% AFUE (Up to 300 MBH)	G21A3b007	HVAC	112
Furnace 95+ AFUE (<150) w/ECM Motor	G21A3b008	HVAC	256
Furnace 97+ AFUE (<150) w/ECM Motor	G21A3b009	HVAC	85
Heat Recovery Ventilator (-133 kWh penalty)	G21A3b010	HVAC	0
Programmable Thermostat	G21A3b011	HVAC	55
Indirect Water Heater (attached to ES FHW Boiler; Combi	G21A3b012	Hot Water	18
Integrated Water Heater w/Condensing Boiler >= 90% AF	G21A3b013	Hot Water	0
Integrated Water Heater w/Condensing Boiler >= 95% AF	G21A3b014	Hot Water	237
Condensing Water Heater, UEF of .80+	G21A3b015	Hot Water	0

ES Storage Water Heater, Med Draw UEF .64+, High Dra	G21A3b016	Hot Water	16
Tankless On-Demand Water Heater, >= .82	G21A3b017	Hot Water	0
Tankless On-Demand Water Heater, UEF .87+	G21A3b018	Hot Water	105
WiFi Thermostat (Heating Only)	G21A3b019	HVAC	1,725
WiFi Thermostat (Heating & Cooling)	G21A3b020	HVAC	0
Rebate Processing		Non-Energy Saving	1
Vendor Fees and Costs		Non-Energy Saving	1
			0
Home Energy Reports	G21A4a001	Behavior	30,000
			0
Custom Large Hot Water Retro	G21C1a001	Hot Water	0
Custom Large HVAC Retro	G21C1a002	HVAC	0
Custom Large Other Retro	G21C1a003	Custom Measures	40
Custom Large Process Retro	G21C1a004	Process	0
Air Sealing, Gas	G21C1a017	Envelope	0
Insulation, Gas	G21C1a018	Envelope	0
Faucet Aerator, Gas	G21C1a005	Hot Water	0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1a006	Hot Water	0
Low Flow Showerhead, Gas	G21C1a007	Hot Water	0
Pipe Wrap - Hot Water, Gas	G21C1a008	Hot Water	0
Pre Rinse Spray Valve, Gas	G21C1a009	Hot Water	0
Boiler Reset Controls, Gas	G21C1a010	HVAC	0
Boiler Tune-Ups	G21C1a011	HVAC	1
Energy Management System, Gas	G21C1a012	HVAC	1
Pipe Insulation - Heating, Gas	G21C1a013	HVAC	1
Steam Trap, Gas	G21C1a014	HVAC	354
Programmable Thermostat, Gas	G21C1a015	HVAC	0
WiFi Thermostat (Heating & Cooling)	G21C1a016	HVAC	0
Vendor Fees - Fixed		Non-Energy Saving	1
Vendor Fees - Variable		Non-Energy Saving	1
Vendor Fees - Project Expeditors		Non-Energy Saving	1
Vendor Fees - TA Studies		Non-Energy Saving	1
Custom Large Hot Water New	G21C1b001	Hot Water	0
Custom Large HVAC New	G21C1b002	HVAC	0
Custom Large Other New	G21C1b003	Custom Measures	35
Custom Large Process New	G21C1b004	Process	0
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005	HVAC	0
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006	HVAC	0
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	HVAC	3
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	HVAC	1
Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	HVAC	0
Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	HVAC	2
Combo Condensing Boiler / Water Heater, Gas	G21C1b011	HVAC	0
Combo Furnace / Water Heater, Gas	G21C1b012	HVAC	0
Condensing Unit Heater, Gas	G21C1b013	HVAC	0
Furnace w/ ECM 95 AFUE, Gas	G21C1b014	HVAC	4

Furnace w/ ECM 97 AFUE, Gas	G21C1b015	HVAC	0
Infrared Heater, Gas	G21C1b016	HVAC	2
Faucet Aerator, Gas	G21C1b017	Hot Water	0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1b018	Hot Water	0
Low Flow Showerhead, Gas	G21C1b019	Hot Water	0
Pre Rinse Spray Valve, Gas	G21C1b020	Hot Water	0
Combination Oven, Gas	G21C1b021	Food Service	0
Convection Oven, Gas	G21C1b022	Food Service	0
Conveyor Oven, Gas	G21C1b023	Food Service	0
Fryer, Gas	G21C1b024	Food Service	0
Griddle, Gas	G21C1b025	Food Service	0
Rack Oven, Gas	G21C1b026	Food Service	0
Steam Cooker, Gas	G21C1b027	Food Service	0
C&I Large New Construction Code Compliance	G21C1b028	Non-Energy Saving	0
Midstream Water Heater, Condensing Gas	G21C1c012	Hot Water	0
Midstream Combination Oven, Gas	G21C1c001	Food Service	0
Midstream Convection Oven, Gas	G21C1c002	Food Service	0
Midstream Conveyor Oven, Gas	G21C1c003	Food Service	0
Midstream Fryer, Gas	G21C1c004	Food Service	0
Midstream Griddle, Gas	G21C1c005	Food Service	0
Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	Food Service	0
Midstream Rack Oven, Gas	G21C1c007	Food Service	0
Midstream Steam Cooker, Gas	G21C1c008	Food Service	0
Midstream Indirect Water Heater, Gas	G21C1c009	Hot Water	0
Midstream On Demand Tankless Water Heater, Gas	G21C1c010	Hot Water	0
Midstream Volume Water Heater, Gas	G21C1c011	Hot Water	0
Custom Small Hot Water Retro	G21C2a001	Hot Water	0
Custom Small HVAC Retro	G21C2a002	HVAC	0
Custom Small Other Retro	G21C2a003	Custom Measures	99
Custom Small Process Retro	G21C2a004	Process	0
Air Sealing, Gas	G21C2a017	Envelope	0
Insulation, Gas	G21C2a018	Envelope	0
Faucet Aerator, Gas	G21C2a005	Hot Water	0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2a006	Hot Water	0
Low Flow Showerhead, Gas	G21C2a007	Hot Water	0
Pipe Wrap - Hot Water, Gas	G21C2a008	Hot Water	100
Pre Rinse Spray Valve, Gas	G21C2a009	Hot Water	0
Boiler Reset Controls, Gas	G21C2a010	HVAC	0
Boiler Tune-Ups	G21C2a011	HVAC	0
Energy Management System, Gas	G21C2a012	HVAC	0
Pipe Insulation - Heating, Gas	G21C2a013	HVAC	0
Steam Trap, Gas	G21C2a014	HVAC	40
Programmable Thermostat, Gas	G21C2a015	HVAC	400
WiFi Thermostat (Heating & Cooling)	G21C2a016	HVAC	20
Vendor Fees - Fixed		Non-Energy Saving	1
Vendor Fees - Variable		Non-Energy Saving	1
Vendor Fees - Project Expeditors		Non-Energy Saving	1
Vendor Fees - TA Studies		Non-Energy Saving	1
Custom Small Hot Water New	G21C2b001	Hot Water	0

Custom Small HVAC New	G21C2b002	HVAC	0
Custom Small Other New	G21C2b003	Custom Measures	0
Custom Small Process New	G21C2b004	Process	0
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C2b005	HVAC	12
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C2b006	HVAC	12
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	HVAC	28
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	HVAC	12
Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	HVAC	0
Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	HVAC	20
Combo Condensing Boiler / Water Heater, Gas	G21C2b011	HVAC	0
Combo Furnace / Water Heater, Gas	G21C2b012	HVAC	0
Condensing Unit Heater, Gas	G21C2b013	HVAC	0
Furnace w/ ECM 95 AFUE, Gas	G21C2b014	HVAC	15
Furnace w/ ECM 97 AFUE, Gas	G21C2b015	HVAC	0
Infrared Heater, Gas	G21C2b016	HVAC	23
Faucet Aerator, Gas	G21C2b017	Hot Water	1,097
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2b018	Hot Water	0
Low Flow Showerhead, Gas	G21C2b019	Hot Water	450
Pre Rinse Spray Valve, Gas	G21C2b020	Hot Water	65
Combination Oven, Gas	G21C2b021	Food Service	0
Convection Oven, Gas	G21C2b022	Food Service	18
Conveyor Oven, Gas	G21C2b023	Food Service	0
Fryer, Gas	G21C2b024	Food Service	0
Griddle, Gas	G21C2b025	Food Service	0
Rack Oven, Gas	G21C2b026	Food Service	0
Steam Cooker, Gas	G21C2b027	Food Service	0
Midstream Combination Oven, Gas	G21C2c001	Food Service	0
Midstream Convection Oven, Gas	G21C2c002	Food Service	0
Midstream Conveyor Oven, Gas	G21C2c003	Food Service	0
Midstream Fryer, Gas	G21C2c004	Food Service	32
Midstream Griddle, Gas	G21C2c005	Food Service	2
Midstream Pre-Rinse Spray Valve, Gas	G21C2c006	Food Service	0
Midstream Rack Oven, Gas	G21C2c007	Food Service	0
Midstream Steam Cooker, Gas	G21C2c008	Food Service	0
Midstream Indirect Water Heater, Gas	G21C2c009	Hot Water	7
Midstream On Demand Tankless Water Heater, Gas	G21C2c010	Hot Water	14
Midstream Volume Water Heater, Gas	G21C2c011	Hot Water	30
Midstream Water Heater, Condensing Gas	G21C2c012	Hot Water	0
			0

25.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
5.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
5.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
11.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
1.0	\$	273,706.10	\$	273,706.10	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-				
	\$	-	\$	-	\$	-				
15.0	\$	-	\$	-	\$	-				
15.0	\$	754.53	\$	672.24	\$	-	\$	82.29	0.0%	0.0%
7.0	\$	6.37	\$	6.37	\$	-	\$	-	0.0%	0.0%
7.0	\$	24.74	\$	24.67	\$	-	\$	0.07	0.0%	0.0%
21.7	\$	2,879.52	\$	2,058.91	\$	-	\$	820.61	0.0%	0.0%
5.0	\$	11.94	\$	11.94	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
5.0	\$	11.68	\$	11.68	\$	-	\$	-	0.0%	0.0%
5.0	\$	11.61	\$	11.61	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
7.0	\$	17.77	\$	17.77	\$	-	\$	-	0.0%	0.0%
15.0	\$	135.50	\$	116.57	\$	-	\$	18.93	0.0%	0.0%
5.0	\$	275.00	\$	275.00	\$	-	\$	-	0.0%	0.0%
13.8	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
20.0	\$	209.54	\$	157.16	\$	-	\$	52.39	0.0%	0.0%
17.0	\$	139.20	\$	105.95	\$	-	\$	33.25	0.0%	0.0%
20.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
1.0	\$	130,531.55	\$	130,531.55	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
19.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
17.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
15.0	\$	29.60	\$	25.47	\$	-	\$	4.14	0.0%	0.0%
15.0	\$	338.05	\$	292.50	\$	-	\$	45.54	0.0%	0.0%
	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-				
	\$	-	\$	-	\$	-				
19.0	\$	3,998.00	\$	3,000.00	\$	-	\$	998.00	20.0%	0.0%
10.0	\$	-	\$	-	\$	-	\$	-	20.0%	0.0%
19.0	\$	2,046.00	\$	1,900.00	\$	-	\$	146.00	20.0%	0.0%
10.0	\$	-	\$	-	\$	-	\$	-	20.0%	0.0%
15.0	\$	300.00	\$	225.00	\$	4.39	\$	75.00	20.0%	0.0%
19.0	\$	2,342.00	\$	1,000.00	\$	4.39	\$	1,342.00	20.0%	0.0%
19.0	\$	2,400.00	\$	1,500.00	\$	4.39	\$	900.00	20.0%	0.0%
17.0	\$	921.00	\$	300.00	\$	4.39	\$	621.00	20.0%	0.0%
17.0	\$	1,083.00	\$	450.00	\$	4.39	\$	633.00	20.0%	0.0%
20.0	\$	960.00	\$	500.00	\$	4.39	\$	460.00	20.0%	0.0%
15.0	\$	92.00	\$	25.00	\$	4.39	\$	67.00	0.0%	0.0%
20.0	\$	1,749.00	\$	400.00	\$	4.39	\$	1,349.00	0.0%	0.0%
19.0	\$	1,728.48	\$	1,000.00	\$	4.39			0.0%	0.0%
19.0	\$	3,365.27	\$	1,500.00	\$	4.39			0.0%	0.0%
15.0	\$	685.00	\$	500.00	\$	4.39			0.0%	0.0%

13.0	\$	400.00	\$	100.00	\$	4.39		0.0%	0.0%	
19.0	\$	1,198.00	\$	500.00	\$	4.39	\$	698.00	0.0%	0.0%
19.0	\$	1,035.25	\$	700.00	\$	4.39	\$	335.25	0.0%	0.0%
15.0	\$	268.00	\$	85.00	\$	4.39	\$	183.00	0.0%	0.0%
15.0	\$	268.00	\$	85.00	\$	4.39	\$	183.00	0.0%	0.0%
1.0	\$	11,528.71	\$	11,528.71	\$	-	\$	-	0.0%	0.0%
1.0	\$	115,201.57	\$	115,201.57	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-				
1.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-				
	\$	-	\$	-	\$	-				
	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
17.2	\$	60,962.09	\$	11,137.01	\$	-	\$	49,825.08	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
8.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
15.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
2.0	\$	1,099.50	\$	533.04	\$	-	\$	566.46	21.0%	5.0%
10.0	\$	12,462.00	\$	1,632.00	\$	-	\$	10,830.00	21.0%	5.0%
15.0	\$	7,965.00	\$	3,048.37	\$	-	\$	4,916.63	21.0%	5.0%
6.0	\$	685.95	\$	674.33	\$	-	\$	11.62	21.0%	5.0%
15.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
15.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
1.0	\$	110,880.00	\$	110,880.00	\$	-	\$	-	0.0%	0.0%
1.0	\$	120,262.12	\$	120,262.12	\$	-	\$	-	0.0%	0.0%
1.0	\$	297,990.00	\$	297,990.00	\$	-	\$	-	0.0%	0.0%
1.0	\$	115,000.00	\$	115,000.00	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
18.2	\$	25,613.40	\$	10,027.43	\$	-	\$	15,585.97	0.0%	0.0%
15.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
15.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
25.0	\$	5,378.00	\$	4,000.00	\$	-	\$	1,378.00	0.0%	0.0%
25.0	\$	3,879.00	\$	2,000.00	\$	-	\$	1,879.00	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
25.0	\$	3,885.31	\$	1,500.00	\$	-	\$	2,385.31	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
18.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
18.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
18.0	\$	921.04	\$	300.00	\$	-	\$	621.04	21.0%	5.0%

18.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
17.0	\$	2,982.00	\$	750.00	\$	-	\$	2,232.00	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
10.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
8.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
20.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
15.0	\$	-	\$	-	\$	-	\$	-	70.0%	0.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
8.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
12.0	\$	-	\$	-	\$	-	\$	-	23.7%	7.0%
15.0	\$	-	\$	-	\$	-	\$	-	70.0%	0.0%
20.0	\$	-	\$	-	\$	-	\$	-	40.0%	0.0%
15.0	\$	-	\$	-	\$	-	\$	-	40.0%	0.0%
	\$	-	\$	-	\$	-				
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
19.6	\$	16,928.52	\$	4,453.51	\$	-	\$	12,475.01	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%
15.0	\$	8.00	\$	8.00	\$	-	\$	-	0.0%	0.0%
8.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
10.0	\$	-	\$	-	\$	-	\$	-	21.0%	5.0%
6.0	\$	375.31	\$	375.31	\$	-	\$	-	21.0%	5.0%
15.0	\$	92.00	\$	25.00	\$	-	\$	67.00	0.0%	0.0%
15.0	\$	250.00	\$	100.00	\$	-	\$	150.00	0.0%	0.0%
1.0	\$	90,720.00	\$	90,720.00	\$	-	\$	-	0.0%	0.0%
1.0	\$	65,885.29	\$	65,885.29	\$	-	\$	-	0.0%	0.0%
1.0	\$	243,810.00	\$	243,810.00	\$	-	\$	-	0.0%	0.0%
1.0	\$	90,000.00	\$	90,000.00	\$	-	\$	-	0.0%	0.0%
0.0	\$	-	\$	-	\$	-	\$	-	0.0%	0.0%

0.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
	\$ -	\$ -	\$ -	\$ -	21.0%	5.0%
25.0	\$ 10,601.00	\$ 5,555.56	\$ -	\$ 5,045.44	21.0%	5.0%
25.0	\$ 7,874.00	\$ 7,500.00	\$ -	\$ 374.00	21.0%	5.0%
25.0	\$ 5,077.00	\$ 4,000.00	\$ -	\$ 1,077.00	0.0%	0.0%
25.0	\$ 3,879.00	\$ 2,800.00	\$ -	\$ 1,079.00	0.0%	0.0%
0.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
25.0	\$ 4,232.80	\$ 1,650.00	\$ -	\$ 2,582.80	0.0%	0.0%
0.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
18.0	\$ -	\$ -	\$ -	\$ -	21.0%	5.0%
18.0	\$ -	\$ -	\$ -	\$ -	21.0%	5.0%
18.0	\$ 1,533.23	\$ 300.00	\$ -	\$ 1,233.23	21.0%	5.0%
18.0	\$ -	\$ -	\$ -	\$ -	21.0%	5.0%
17.0	\$ 2,982.00	\$ 750.00	\$ -	\$ 2,232.00	21.0%	5.0%
10.0	\$ 60.00	\$ 7.00	\$ -	\$ 53.00	21.0%	5.0%
0.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
10.0	\$ 175.85	\$ 36.54	\$ -	\$ 139.31	0.0%	0.0%
7.5	\$ 472.00	\$ 75.00	\$ -	\$ 397.00	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ 1,625.00	\$ 1,218.75	\$ -	\$ 406.25	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	0.0%	0.0%
12.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
12.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
12.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
12.0	\$ 3,400.00	\$ 1,103.57	\$ -	\$ 2,296.43	23.7%	7.0%
12.0	\$ 1,165.00	\$ 550.00	\$ -	\$ 615.00	23.7%	7.0%
8.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
12.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
12.0	\$ -	\$ -	\$ -	\$ -	23.7%	7.0%
15.0	\$ 1,084.00	\$ 399.67	\$ -	\$ 684.33	70.0%	0.0%
19.0	\$ 589.44	\$ 604.33	\$ 90.65	\$ (14.89)	54.0%	0.0%
15.0	\$ 4,761.00	\$ 1,164.38	\$ 174.66	\$ 3,596.62	54.0%	0.0%
15.0	\$ -	\$ -	\$ -	\$ -	84.0%	0.0%
	\$ -	\$ -	\$ -			
	\$ -	\$ -	\$ -			
	\$ -	\$ -	\$ -			
	\$ -	\$ -	\$ -			
	\$ -	\$ -	\$ -			

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Energy Savings				
LS_ID (Dropdown)	Max Demand (Entered)	Max Demand Factor (Look-up)	Winter Peak Energy %	Winter Off- Peak Energy %
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%

Non-Electric Measures		0.000000	0.0%	0.0%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Clothes Washer		0.000270	36.4%	29.9%
Non-Electric Measures		0.000000	0.0%	0.0%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Lighting		0.000255	35.1%	30.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Mini-Split Heat Pump (Heating)		0.000438	42.9%	57.1%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Room or Window Air Conditioner		0.001580	2.9%	2.2%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Boiler Distribution		0.000551	45.0%	55.0%
Furnace Fan		0.000645	44.6%	55.4%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Furnace Fan		0.000645	44.6%	55.4%
Furnace Fan		0.000645	44.6%	55.4%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%

Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil		0.000357	40.9%	34.2%
Water Heater - Natural Gas/Fuel Oil	-0.010	0.000357	40.9%	34.2%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Central Air Conditioner/Heat Pump (Cooling)		0.001594	6.6%	3.8%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	13.0%	20.0%
Non-Electric Measures		0.000000	25.0%	25.0%
C&I Interior Lighting - Custom		0.000000	72.0%	18.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	23.0%	8.0%
Non-Electric Measures		0.000000	49.0%	13.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	13.0%	20.0%
Non-Electric Measures		0.000000	25.0%	25.0%
C&I Interior Lighting - Custom		0.000000	72.0%	18.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	23.0%	8.0%
Non-Electric Measures		0.000000	49.0%	13.0%
Non-Electric Measures		0.000000	22.6%	27.3%
Non-Electric Measures		0.000000	25.0%	25.0%
Non-Electric Measures		0.000000	72.0%	18.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Furnace Fan		0.000645	44.6%	55.4%

Furnace Fan		0.000645	44.6%	55.4%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Custom Calculation		0.000000	13.0%	20.0%
Non-Electric Measures		0.000000	25.0%	25.0%
C&I Interior Lighting - Custom		0.000000	72.0%	18.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	23.0%	8.0%
Non-Electric Measures		0.000000	49.0%	13.0%
Non-Electric Measures		0.000000	7.0%	26.0%
Non-Electric Measures		0.000000	72.0%	18.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Weighted HVAC - All Homes		0.000783	25.4%	29.7%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Non-Electric Measures		0.000000	0.0%	0.0%
Custom Calculation		0.000000	13.0%	20.0%

		Capacity Savings				
Summer Peak Energy %	Summer Off-Peak Energy %	Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)
47.3%	42.2%	0.112	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
47.3%	42.2%	0.308	34.6%	0.0%	34.6%	34.6%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%

0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
18.3%	15.4%	0.000	49.1%	52.0%	49.1%	49.1%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
47.3%	42.2%	0.021	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
47.3%	42.2%	0.071	34.6%	0.0%	34.6%	34.6%
19.0%	15.1%	0.011	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.013	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.013	54.7%	84.8%	54.7%	54.7%
19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
47.3%	42.2%	0.525	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	62.0%	0.0%	0.0%
0.0%	0.0%	0.010	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.055	0.0%	45.2%	0.0%	0.0%
47.5%	47.4%	0.000	32.8%	0.0%	32.8%	32.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	53.5%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
47.3%	42.2%	0.010	34.6%	0.0%	34.6%	34.6%
47.3%	42.2%	0.001	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.067	0.0%	45.2%	0.0%	0.0%
0.0%	0.0%	0.067	0.0%	45.2%	0.0%	0.0%
23.2%	21.7%	-0.104	33.6%	20.1%	33.6%	33.6%
47.3%	42.2%	0.043	34.6%	0.0%	34.6%	34.6%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%

13.3%	11.6%	-0.015	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
13.3%	11.6%	-0.010	21.4%	39.9%	21.4%	21.4%
47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
47.3%	42.2%	0.040	34.6%	62.0%	34.6%	34.6%
0.0%	0.0%	0.000	29.0%	0.0%	29.0%	29.0%
0.0%	0.0%	0.000	0.0%	62.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
26.0%	41.0%	0.000	0.0%	0.0%	0.0%	0.0%
25.0%	25.0%	0.000	0.0%	0.0%	0.0%	0.0%
8.0%	2.0%	0.000	70.0%	85.0%	70.0%	70.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
52.0%	17.0%	0.000	92.0%	90.0%	92.0%	92.0%
29.0%	9.0%	0.000	95.0%	90.0%	95.0%	95.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	13.8%	13.4%	13.8%	13.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	13.8%	13.4%	13.8%	13.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.000	50.0%	100.0%	50.0%	50.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	35.0%	0.0%	35.0%	35.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
26.0%	41.0%	0.000	100.0%	100.0%	100.0%	100.0%
25.0%	25.0%	0.000	0.0%	0.0%	0.0%	0.0%
8.0%	2.0%	0.000	100.0%	38.5%	100.0%	100.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
52.0%	17.0%	0.000	95.0%	80.0%	95.0%	95.0%
29.0%	9.0%	0.000	95.0%	45.0%	95.0%	95.0%
23.3%	26.8%	0.000	80.0%	80.0%	80.0%	80.0%
25.0%	25.0%	0.000	90.4%	95.6%	90.4%	90.4%
8.0%	2.0%	0.000	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.000	13.8%	13.4%	13.8%	13.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%

0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	13.8%	13.4%	13.8%	13.8%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	80.0%	54.0%	80.0%	80.0%
0.0%	0.0%	0.000	82.0%	5.0%	82.0%	82.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	82.0%	5.0%	82.0%	82.0%
0.0%	0.0%	0.000	82.0%	5.0%	82.0%	82.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	82.0%	5.0%	82.0%	82.0%
0.0%	0.0%	0.000	45.0%	0.0%	45.0%	45.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	70.0%	49.0%	70.0%	70.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	83.0%	65.0%	83.0%	83.0%
26.0%	41.0%	0.000	100.0%	100.0%	100.0%	100.0%
25.0%	25.0%	0.000	0.0%	0.0%	0.0%	0.0%
8.0%	2.0%	0.000	70.0%	85.0%	70.0%	70.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
52.0%	17.0%	0.000	92.0%	90.0%	92.0%	92.0%
29.0%	9.0%	0.000	95.0%	90.0%	95.0%	95.0%
23.0%	44.0%	0.000	90.0%	99.0%	90.0%	90.0%
8.0%	2.0%	0.000	45.0%	52.0%	45.0%	45.0%
0.0%	0.0%	0.000	17.0%	0.0%	17.0%	17.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	50.4%	38.9%	50.4%	50.4%
0.0%	0.0%	0.000	18.0%	0.0%	18.0%	18.0%
0.0%	0.0%	0.000	0.0%	0.0%	0.0%	0.0%
23.2%	21.7%	0.000	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.000	50.0%	100.0%	50.0%	50.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
0.0%	0.0%	0.000	35.0%	0.0%	35.0%	35.0%
0.0%	0.0%	0.000	34.2%	0.0%	34.2%	34.2%
26.0%	41.0%	0.000	100.0%	100.0%	100.0%	100.0%

	-		-
	-		-
	-		-
	-		-
	-		-
	-		-
	-		-
NG - Res Heating	11.96		-
NG - Res Hot Water	0.18		-
NG - Res Hot Water	0.43		-
NG - Res Heating	39.42		-
NG - Res Heating	-		-
	-		-
NG - Res Heating	-		-
NG - Res Heating	-		-
	-		-
NG - Res Hot Water	0.49		-
NG - Res Hot Water	1.95		-
	-		-
NG - Res Heating	-		-
NG - Res Heating	2.39		-
NG - Res Heating	-		-
NG - Res Heating	-		-
	-		-
	-		-
	-		-
	-		-
	-		-
	-		-
NG - Res Heating	-		-
NG - Res Heating	-		-
NG - Res Heating	0.43		-
NG - Res Heating	5.49		-
	-		-
	-		-
NG - Res Heating	11.40		-
NG - Res Heating	7.00		-
NG - Res Heating	2.90		-
NG - Res Heating	8.00		-
NG - Res Heating	5.10		-
NG - Res Heating	12.10		-
NG - Res Heating	14.80		-
NG - Res Heating	9.80		-
NG - Res Heating	10.30		-
NG - Res Heating	7.70		-
NG - Res Heating	3.50		-
NG - Res Hot Water	4.00		-
NG - Res Hot Water	8.40		-
NG - Res Hot Water	12.80		-
NG - Res Hot Water	7.00		-

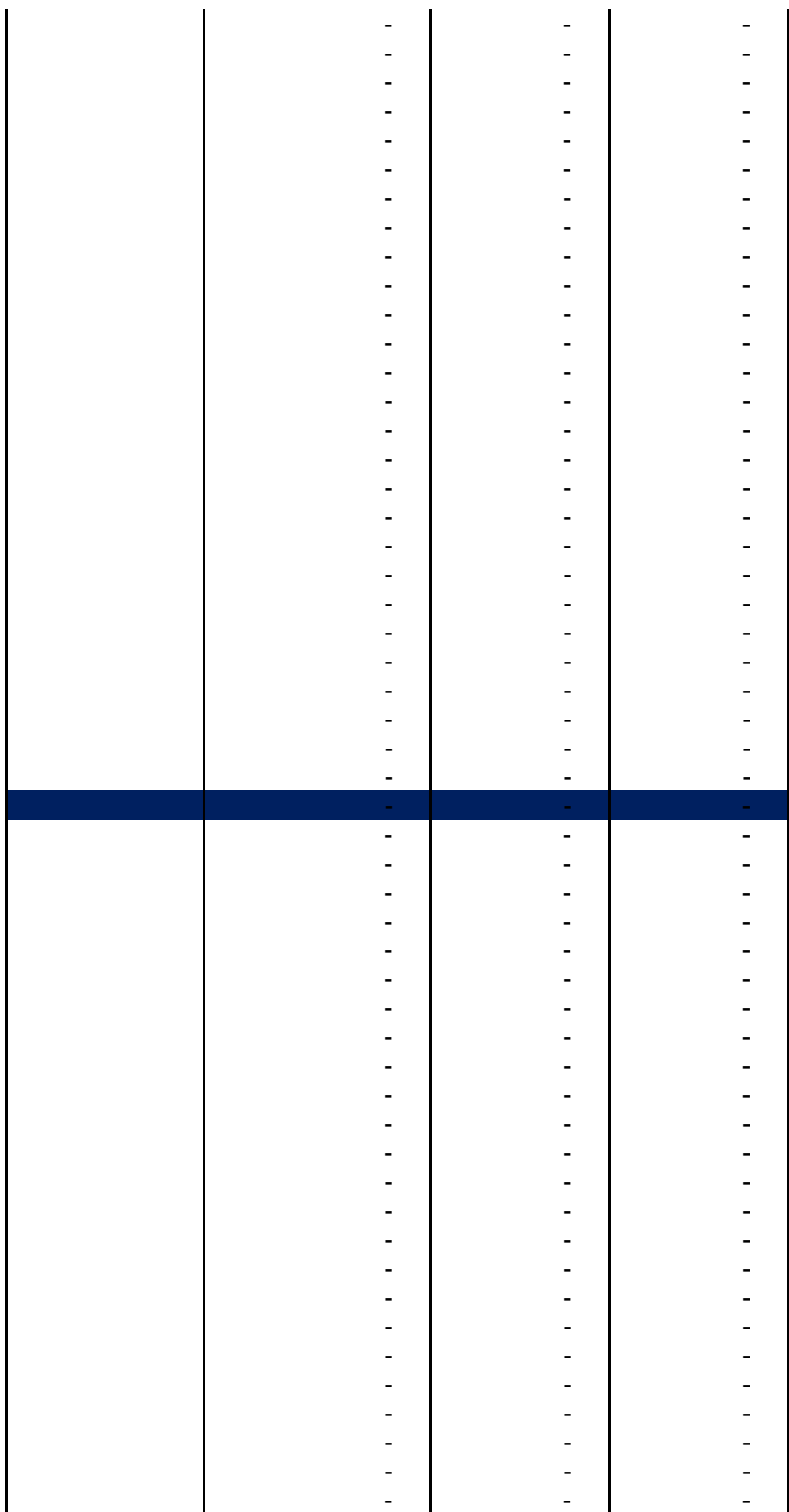
NG - Res Hot Water	3.00		-
NG - Res Hot Water	10.20		-
NG - Res Hot Water	7.30		-
NG - Res Heating	5.80		-
NG - Res Heating	5.80		-
	-		-
	-		-
	-		-
	-		-
NG - Res Heating	0.95		-
	-		-
	-		-
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	-		-
	-		-
	-		-
NG - C&I Gas All	607.58		-
NG - C&I Gas Heat	-		-
	-		-
NG - C&I Gas Heat	-		-
	-		-
	-		-
	-		-
NG - C&I Gas Heat	-		-
	-		-
NG - C&I Gas Heat	222.10		-
NG - C&I Gas Heat	136.00		-
NG - C&I Gas Heat	169.35		-
NG - C&I Gas Heat	42.54		-
NG - C&I Gas Heat	3.50		-
NG - C&I Gas Heat	9.86		-
	-		-
	-		-
	-		-
	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	570.49		-
NG - C&I Gas Heat	-		-
	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	51.40		-
NG - C&I Gas Heat	28.00		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	17.70		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	5.70		-

NG - C&I Gas Heat	-	-
NG - C&I Gas Heat	12.00	-
NG - C&I Gas Heat	-	-
NG - C& I Gas Non Heating	1.66	-
NG - C& I Gas Non Heating	2.65	-
NG - C& I Gas Non Heating	11.40	-
NG - C& I Gas Non Heating	110.30	-
NG - C& I Gas Non Heating	35.70	-
NG - C& I Gas Non Heating	88.40	-
NG - C& I Gas Non Heating	78.30	-
NG - C& I Gas Non Heating	37.90	-
NG - C& I Gas Non Heating	211.30	-
NG - C& I Gas Non Heating	370.70	-
NG - C&I Gas All	-	-
NG - C& I Gas Non Heating	30.10	-
NG - C& I Gas Non Heating	110.30	-
NG - C& I Gas Non Heating	35.70	-
NG - C& I Gas Non Heating	88.40	-
NG - C& I Gas Non Heating	78.30	-
NG - C& I Gas Non Heating	37.90	-
NG - C& I Gas Non Heating	11.40	-
NG - C& I Gas Non Heating	211.30	-
NG - C& I Gas Non Heating	370.70	-
NG - C&I Gas Heat	-	-
	-	-
NG - C&I Gas Heat	-	-
	-	-
	-	-
NG - C& I Gas Non Heating	5.52	-
	-	-
NG - C&I Gas All	104.28	-
NG - C&I Gas Heat	-	-
	-	-
NG - C&I Gas Heat	-	-
	-	-
	-	-
NG - C& I Gas Non Heating	0.21	-
NG - C&I Gas Heat	-	-
	-	-
	-	-
NG - C&I Gas Heat	-	-
NG - C&I Gas Heat	-	-
NG - C&I Gas Heat	10.48	-
NG - C&I Gas Heat	3.50	-
NG - C&I Gas Heat	3.50	-
	-	-
	-	-
	-	-
	-	-
NG - C&I Gas All	-	-

	-		-
NG - C&I Gas All	-		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	165.30		-
NG - C&I Gas Heat	117.32		-
NG - C&I Gas Heat	51.40		-
NG - C&I Gas Heat	28.00		-
	-		-
NG - C&I Gas Heat	19.47		-
	-		-
NG - C&I Gas Heat	-		-
	-		-
NG - Res Heating	5.70		-
NG - C&I Gas Heat	-		-
NG - C&I Gas Heat	12.00		-
NG - C&I Gas Heat	1.70		-
NG - C& I Gas Non Heating	-		-
NG - C& I Gas Non Heating	2.65		-
NG - C& I Gas Non Heating	2.65		-
NG - C& I Gas Non Heating	110.30		-
NG - C& I Gas Non Heating	35.70		-
NG - C& I Gas Non Heating	88.40		-
NG - C& I Gas Non Heating	78.30		-
NG - C& I Gas Non Heating	37.90		-
NG - C& I Gas Non Heating	211.30		-
NG - C& I Gas Non Heating	370.70		-
NG - C& I Gas Non Heating	110.30		-
NG - C& I Gas Non Heating	35.70		-
NG - C& I Gas Non Heating	88.40		-
NG - C& I Gas Non Heating	78.30		-
NG - C& I Gas Non Heating	37.90		-
NG - C& I Gas Non Heating	11.40		-
NG - C& I Gas Non Heating	211.30		-
NG - C& I Gas Non Heating	370.70		-
NG - C& I Gas Non Heating	19.00		-
NG - C& I Gas Non Heating	8.90		-
NG - C& I Gas Non Heating	81.80		-
NG - C&I Gas Heat	-		-
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	-		-
	-		-

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Distri bution any	Progr am Admin Comp nstra tor	Year	Reporting Period	Sector	Program (Dropdown)	Subprogram (Dropdown)	Implementation					Marketing	EM&V
							Internal Admin	External Admin	Rebate / Services	Services			
Gas	Liberty	2022	Planned	B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	\$ 56,956	\$ 1,207	\$ 1,078,097	\$ 93,568	\$ 50,965	\$ 57,173	
Gas	Liberty	2022	Planned	B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)	\$ -	\$ -	\$ 360,864	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A1 - Energy Star Homes	A1a - ES Homes	\$ 21,382	\$ 453	\$ 541,244	\$ 35,126	\$ 19,133	\$ 20,421	
Gas	Liberty	2022	Planned	A - Residential	A2 - Home Performance with Energy St	A2a - HPwES (Weatherization)	\$ 40,464	\$ 857	\$ 847,034	\$ 66,476	\$ 36,208	\$ 40,918	
Gas	Liberty	2022	Planned	A - Residential	A2 - Home Performance with Energy St	A2b - HPwES (HVAC Systems)	\$ -	\$ -	\$ 174,987	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A2 - Home Performance with Energy St	A2c - HPwES 3rd Party Financing (Loan buy-down)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A2 - Home Performance with Energy St	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A3 - Energy Star Products	A3a - ES Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A3 - Energy Star Products	A3b - ES Appliances	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A3 - Energy Star Products	A3c - ES HVAC Systems	\$ 41,787	\$ 885	\$ 1,057,769	\$ 68,648	\$ 37,392	\$ 39,909	
Gas	Liberty	2022	Planned	A - Residential	A4 - Residential Behavior	A4a - Residential Behavior	\$ 5,448	\$ 115	\$ 137,908	\$ 8,950	\$ 4,875	\$ 5,203	
Gas	Liberty	2022	Planned	A - Residential	A5 - Residential Active Demand Respor	A5a - Residential Active Demand Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A6a - Res Customer Engagement Platf	A6a - Res Customer Engagement Platform	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A6b - Res ISO Forward Capacity Marke	A6b - Res ISO Forward Capacity Market Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A6c - Residential Education	A6c - Residential Education	\$ 2,366	\$ 50	\$ 62,154	\$ 3,887	\$ 2,117	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A6d - Energy Optimization Pilot	A6d - Energy Optimization Pilot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A6e - Res Financing	A6e - Res Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A7 - Res TBD Pilots/Demonstrations	A7a - TBD Res Pilot/Demonstration 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	A - Residential	A7 - Res TBD Pilots/Demonstrations	A7b - TBD Res Pilot/Demonstration 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1a - LCI Retrofit	\$ 63,307	\$ 1,341	\$ 1,231,863	\$ 104,003	\$ 56,649	\$ 60,462	
Gas	Liberty	2022	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1b - LCI New Equipment and Construction	\$ -	\$ -	\$ 370,660	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1c - LCI Midstream	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1d - LCI Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2a - SCI Retrofit	\$ 51,794	\$ 1,097	\$ 869,302	\$ 85,088	\$ 46,346	\$ 49,466	
Gas	Liberty	2022	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2b - SCI New Equipment and Construction	\$ -	\$ -	\$ 371,013	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2c - SCI Midstream	\$ -	\$ -	\$ 70,759	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2d - SCI Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C3	C3 - Municipal Energy Solutions	C3a - Muni Retrofit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C3	C3 - Municipal Energy Solutions	C3b - Muni New Equipment and Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C3	C3 - Municipal Energy Solutions	C3d - Muni Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C4	C4 - Energy Rewards RFP Program	C4a - Energy Rewards RFP Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C5	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6a	C6a - C&I Customer Engagement Platf	C6a - C&I Customer Engagement Platform	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6b	C6b - C&I ISO Forward Capacity Marke	C6b - C&I ISO Forward Capacity Market Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6c	C6c - C&I Education	C6c - C&I Education	\$ 1,274	\$ 27	\$ 33,466	\$ 2,093	\$ 1,140	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6d	C6d - C&I Customer Partnerships	C6d - C&I Customer Partnerships	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6e	C6e - Smart Start	C6e - Smart Start	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6f	C6f - C&I On Bill Financing	C6f - C&I On Bill Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C6g	C6g - C&I Building Practices and Demo	C6g - C&I Building Practices and Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C7	C7 - C&I TBD Pilots/Demonstrations	C7a - TBD C&I Pilot/Demonstration 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2022	Planned	C - Commercial & C7	C7 - C&I TBD Pilots/Demonstrations	C7b - TBD C&I Pilot/Demonstration 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	\$ 60,928	\$ 1,504	\$ 1,112,984	\$ 100,094	\$ 53,357	\$ 77,852	
Gas	Liberty	2023	Planned	B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)	\$ -	\$ -	\$ 371,854	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A1 - Energy Star Homes	A1a - ES Homes	\$ 22,107	\$ 546	\$ 538,744	\$ 36,317	\$ 19,360	\$ 28,247	
Gas	Liberty	2023	Planned	A - Residential	A2 - Home Performance with Energy St	A2a - HPwES (Weatherization)	\$ 40,824	\$ 1,008	\$ 852,505	\$ 67,067	\$ 35,751	\$ 52,163	
Gas	Liberty	2023	Planned	A - Residential	A2 - Home Performance with Energy St	A2b - HPwES (HVAC Systems)	\$ -	\$ -	\$ 142,391	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A2 - Home Performance with Energy St	A2c - HPwES 3rd Party Financing (Loan buy-down)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A2 - Home Performance with Energy St	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A3 - Energy Star Products	A3a - ES Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A3 - Energy Star Products	A3b - ES Appliances	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A3 - Energy Star Products	A3c - ES HVAC Systems	\$ 41,510	\$ 1,025	\$ 1,011,615	\$ 68,194	\$ 36,352	\$ 53,040	
Gas	Liberty	2023	Planned	A - Residential	A4 - Residential Behavior	A4a - Residential Behavior	\$ 6,000	\$ 148	\$ 146,232	\$ 9,858	\$ 5,255	\$ 7,667	
Gas	Liberty	2023	Planned	A - Residential	A5 - Residential Active Demand Respor	A5a - Residential Active Demand Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A6a - Res Customer Engagement Platf	A6a - Res Customer Engagement Platform	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A6b - Res ISO Forward Capacity Marke	A6b - Res ISO Forward Capacity Market Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A6c - Residential Education	A6c - Residential Education	\$ 2,648	\$ 65	\$ 67,917	\$ 4,350	\$ 2,319	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A6d - Energy Optimization Pilot	A6d - Energy Optimization Pilot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A6e - Res Financing	A6e - Res Financing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A7 - Res TBD Pilots/Demonstrations	A7a - TBD Res Pilot/Demonstration 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	A - Residential	A7 - Res TBD Pilots/Demonstrations	A7b - TBD Res Pilot/Demonstration 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1a - LCI Retrofit	\$ 69,739	\$ 1,721	\$ 1,328,900	\$ 114,569	\$ 61,073	\$ 89,110	
Gas	Liberty	2023	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1b - LCI New Equipment and Construction	\$ -	\$ -	\$ 370,660	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1c - LCI Midstream	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C1	C1 - Large Business Energy Solutions	C1d - LCI Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2a - SCI Retrofit	\$ 59,463	\$ 1,468	\$ 958,576	\$ 97,687	\$ 52,074	\$ 75,979	
Gas	Liberty	2023	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2b - SCI New Equipment and Construction	\$ -	\$ -	\$ 407,947	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2c - SCI Midstream	\$ -	\$ -	\$ 82,604	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C2	C2 - Small Business Energy Solutions	C2d - SCI Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C3	C3 - Municipal Energy Solutions	C3a - Muni Retrofit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Gas	Liberty	2023	Planned	C - Commercial & C3	C3 - Municipal Energy Solutions	C3b - Muni New Equipment and Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

Total Program Costs	Total Program Costs (2022\$)	Performance Incentive	Performance Incentive (2022\$)	Participant Costs	Participant Costs (2022\$)	Total Resource Costs	Total Resource Costs (2022\$)	Participants	Winter Capacity (kW)	Summer Capacity (kW)	Net Annual Energy (MWh)	Adj Gross Annual Energy (MWh)	Net Lifetime Energy (MWh)	Adj Gross Lifetime Energy (MWh)
\$ 1,337,965	\$ 1,337,965	\$ -	\$ -	\$ -	\$ -	\$ 1,337,965	\$ 1,337,965		20.74	34.66	131.72	131.72	2,600.48	2,600.48
\$ 360,864	\$ 360,864	\$ -	\$ -	\$ -	\$ -	\$ 360,864	\$ 360,864		-	-	-	-	-	-
\$ 637,758	\$ 637,758	\$ -	\$ -	\$ 479,318	\$ 479,318	\$ 1,117,077	\$ 1,117,077		-	-	-	-	-	-
\$ 1,031,958	\$ 1,031,958	\$ -	\$ -	\$ 256,378	\$ 256,378	\$ 1,288,336	\$ 1,288,336		13.17	10.94	65.10	65.10	557.92	557.92
\$ 174,987	\$ 174,987	\$ -	\$ -	\$ 30,507	\$ 30,507	\$ 205,494	\$ 205,494		2.15	0.70	8.60	8.60	141.30	141.30
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,246,390	\$ 1,246,390	\$ -	\$ -	\$ 1,198,345	\$ 1,198,345	\$ 2,444,735	\$ 2,444,735		9.17	0.14	28.62	28.62	476.72	476.72
\$ 162,500	\$ 162,500	\$ -	\$ -	\$ -	\$ -	\$ 162,500	\$ 162,500		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 70,575	\$ 70,575	\$ -	\$ -	\$ -	\$ -	\$ 70,575	\$ 70,575		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,517,624	\$ 1,517,624	\$ -	\$ -	\$ 1,705,458	\$ 1,705,458	\$ 3,223,083	\$ 3,223,083		-	-	-	-	-	-
\$ 370,660	\$ 370,660	\$ -	\$ -	\$ 563,241	\$ 563,241	\$ 933,901	\$ 933,901		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,103,092	\$ 1,103,092	\$ -	\$ -	\$ 1,079,075	\$ 1,079,075	\$ 2,182,167	\$ 2,182,167		-	-	-	-	-	-
\$ 371,013	\$ 371,013	\$ -	\$ -	\$ 356,704	\$ 356,704	\$ 727,717	\$ 727,717		-	-	-	-	-	-
\$ 70,759	\$ 70,759	\$ -	\$ -	\$ 159,372	\$ 159,372	\$ 230,131	\$ 230,131		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 38,000	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ 38,000	\$ 38,000		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,406,720	\$ 1,362,440	\$ -	\$ -	\$ -	\$ -	\$ 1,406,720	\$ 1,362,440		-	74.85	135.73	135.73	2,679.68	2,679.68
\$ 371,854	\$ 360,150	\$ -	\$ -	\$ -	\$ -	\$ 371,854	\$ 360,150		-	-	-	-	-	-
\$ 645,320	\$ 625,007	\$ -	\$ -	\$ 469,836	\$ 455,047	\$ 1,115,156	\$ 1,080,054		-	-	-	-	-	-
\$ 1,049,318	\$ 1,016,289	\$ -	\$ -	\$ 256,462	\$ 248,389	\$ 1,305,780	\$ 1,264,678		10.78	14.88	65.10	65.10	557.97	557.97
\$ 142,391	\$ 137,909	\$ -	\$ -	\$ 25,432	\$ 24,631	\$ 167,823	\$ 162,540		1.88	1.14	8.51	8.51	139.87	139.87
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,211,736	\$ 1,173,595	\$ -	\$ -	\$ 1,033,459	\$ 1,000,929	\$ 2,245,195	\$ 2,174,523		6.86	0.54	21.58	27.91	357.63	465.15
\$ 175,160	\$ 169,646	\$ -	\$ -	\$ -	\$ -	\$ 175,160	\$ 169,646		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 77,300	\$ 74,867	\$ -	\$ -	\$ -	\$ -	\$ 77,300	\$ 74,867		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,665,113	\$ 1,612,700	\$ -	\$ -	\$ 1,950,371	\$ 1,888,980	\$ 3,615,484	\$ 3,501,679		-	-	-	-	-	-
\$ 370,660	\$ 358,993	\$ -	\$ -	\$ 561,697	\$ 544,016	\$ 932,357	\$ 903,009		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ 1,245,247	\$ 1,206,050	\$ -	\$ -	\$ 1,260,885	\$ 1,221,196	\$ 2,506,132	\$ 2,427,246		-	-	-	-	-	-
\$ 407,947	\$ 395,106	\$ -	\$ -	\$ 322,899	\$ 312,735	\$ 730,846	\$ 707,841		-	-	-	-	-	-
\$ 82,604	\$ 80,004	\$ -	\$ -	\$ 81,742	\$ 79,169	\$ 164,346	\$ 159,173		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-

[illegible]

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Natural Gas
Benefits

724,441.02
297,597.38
1,068,853.34
2,320,482.92
401,373.76
-
-
-
-
2,530,050.50
148,069.75
-
-
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-
-
2,850,176.20
2,453,851.94
-
-
1,235,159.35
1,233,485.99
363,570.53
-
-
-
-
-
-
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-
-
765,710.42
314,553.73
794,811.31
2,379,934.82
332,007.85
-
-
-
-
2,297,886.83
240,391.58
-
-
-
-
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-
-
3,208,573.91
2,517,782.15
-
-
1,477,409.97
1,251,789.99
270,314.30
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Gas	Liberty	2023	Planned	C - Commercial & C3 - Municipal Energy Solutions	C3d - Muni Direct Install	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C4 - Energy Rewards RFP Program	C4a - Energy Rewards RFP Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6a - C&I Customer Engagement Platf	C6a - C&I Customer Engagement Platform	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6b - C&I ISO Forward Capacity Market	C6b - C&I ISO Forward Capacity Market Expenses	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6c - C&I Education	C6c - C&I Education	\$	1,422	\$	35	\$	36,463	\$	2,336	\$	1,245	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6d - C&I Customer Partnerships	C6d - C&I Customer Partnerships	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6e - Smart Start	C6e - Smart Start	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6f - C&I On Bill Financing	C6f - C&I On Bill Financing	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C6g - C&I Building Practices and Demo	C6g - C&I Building Practices and Demo	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C7 - C&I TBD Pilots/Demonstrations	C7a - TBD C&I Pilot/Demonstration 1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Gas	Liberty	2023	Planned	C - Commercial & C7 - C&I TBD Pilots/Demonstrations	C7b - TBD C&I Pilot/Demonstration 2	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

					First Reference (column)
					First Reference (name)
					Second Reference (column)
					Second Reference (name)
					Third Reference (column)
					Third Reference (name)
					Notes

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Water not included

Program Cost-Effectiveness - 2022 Compliance Plan

	Benefit/Cost Ratios		Benefits (\$000)		Utility Costs (\$000 - 2022\$) ²	Customer Costs (\$000 - 2022\$) ²	Annual Net MWh Savings	Lifetime Net MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual Net MMBtu Savings	Lifetime Net MMBtu Savings
	Total Resource Cost Test	Granite State Test	Total Resource Cost Test	Granite State Test									
Residential Programs													
B1 - Home Energy Assistance	1.96	1.96	3,321.9	3,321.9	1,698.8	-	131.7	2,600.5	20.7	34.7	299	6,729.9	126,196.4
A1 - Energy Star Homes	1.30	2.03	1,455.3	1,292.6	637.8	479.3	-	-	-	-	249	5,386.1	134,653.3
A2 - Home Performance with Energy Star	2.49	2.73	3,723.1	3,297.4	1,206.9	286.9	73.7	699.2	15.3	11.6	491	17,034.2	337,127.3
A3 - Energy Star Products	1.39	2.41	3,399.8	3,007.1	1,246.4	1,198.3	28.6	476.7	9.2	0.1	2,710	19,363.6	319,441.7
A4 - Residential Behavior	1.17	1.03	189.7	166.7	162.5	-	-	-	-	-	30,000	17,325.4	17,325.4
A6c - Residential Education	-	-	-	-	70.6	-	-	-	-	-	-	-	-
Sub-Total Residential	1.73	2.21	12,089.8	11,085.7	5,023.0	1,964.5	234.0	3,776.4	45.2	46.4	33,749	65,839.3	934,744.1
Commercial, Industrial & Municipal													
C1 - Large Business Energy Solutions	1.71	3.34	7,118.5	6,302.8	1,888.3	2,268.7	-	-	-	-	438	49,140.0	712,616.1
C2 - Small Business Energy Solutions	1.49	2.75	4,682.0	4,248.7	1,544.9	1,595.2	-	-	-	-	2,294	22,845.2	402,181.1
C6c - C&I Education	-	-	-	-	38.0	-	-	-	-	-	-	-	-
Sub-Total Commercial & Industrial	1.61	3.04	11,800.5	10,551.6	3,471.1	3,863.9	-	-	-	-	2,732	71,985.2	1,114,797.2
Total	1.67	2.55	23,890.4	21,637.31	8,494.1	5,828.4	234.0	3,776.4	45.2	46.4	36,481	137,824.5	2,049,541.3

Notes:

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322 and includes an annual NEI adder of \$405.71 per weatherization project in the Home Energy Assistance program. For the illustrative Total Resource Cost Test, NEI adders of 15% for Residential and 15% for C&I are applied to total benefits excluding water.

(2) Utility and Customer Costs and Benefits are expressed in 2022 Dollars.

(3) Per past precedent, discount and inflation rates have been updated for the year in which measures will be installed, and were updated as of June 2021 for program year 2022.

Annual kWh Savings	234,042	0.6%	kWh < 65%	Lifetime kWh Savings	3,776,414	0.6%	kWh < 65%
Annual MMBTU Savings (in kWh)	<u>40,392,366</u>	<u>99.4%</u>		Lifetime MMBTU Savings (in kWh)	<u>600,661,281</u>	<u>99.4%</u>	
	40,626,408	100.0%			604,437,695	100.0%	

Annual Net Savings as a % of 2019 Sales	0.78%
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Spending per Customer	Low-Income	\$	316.00
	Residential	\$	37.35
	C&I	\$	237.46

Program Cost-Effectiveness - 2023 Compliance Plan

	Benefit/Cost Ratios		Benefits (\$000)		Utility Costs (\$000 - 2022\$) ²	Customer Costs (\$000 - 2022\$) ²	Annual Net MWh Savings	Lifetime Net MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual Net MMBtu Savings	Lifetime Net MMBtu Savings
	Total Resource Cost Test	Granite State Test	Total Resource Cost Test	Granite State Test									
Residential Programs													
B1 - Home Energy Assistance	2.10	2.10	3,622.8	3,622.8	1,722.6	-	135.7	2,679.7	-	74.8	308	6,934.9	130,039.8
A1 - Energy Star Homes	1.06	1.64	1,145.0	1,024.5	625.0	455.0	-	-	-	-	239	5,282.2	132,053.8
A2 - Home Performance with Energy Star	2.63	2.88	3,753.9	3,327.8	1,154.2	273.0	73.6	697.8	12.7	16.0	416	16,405.1	327,696.9
A3 - Energy Star Products	1.43	2.35	3,116.7	2,760.7	1,173.6	1,000.9	21.6	357.6	6.9	0.5	2,627	17,848.8	293,273.3
A4 - Residential Behavior	1.83	1.61	310.2	272.8	169.6	-	-	-	-	-	30,000	28,410.0	28,410.0
A6c - Residential Education	-	-	-	-	74.9	-	-	-	-	-	-	-	-
Sub-Total Residential	1.80	2.24	11,948.7	11,008.6	4,919.9	1,729.0	230.9	3,735.1	19.5	91.4	33,590	74,880.9	911,473.8
Commercial, Industrial & Municipal													
C1 - Large Business Energy Solutions	1.76	3.48	7,742.5	6,862.7	1,971.7	2,433.0	-	-	-	-	444	49,999.1	751,638.2
C2 - Small Business Energy Solutions	1.50	2.66	4,929.3	4,470.5	1,681.2	1,613.1	-	-	-	-	2,495	23,080.6	411,783.1
C6c - C&I Education	-	-	-	-	40.2	-	-	-	-	-	-	-	-
Sub-Total Commercial & Industrial	1.64	3.07	12,671.8	11,333.2	3,693.0	4,046.1	-	-	-	-	2,939	73,079.7	1,163,421.3
Total	1.71	2.59	24,620.4	22,341.8	8,612.9	5,775.1	230.9	3,735.1	19.5	91.4	36,529	147,960.6	2,074,895.1

Notes:

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322, and includes an annual NEI adder of \$405.71 per weatherization project in the Home Energy Assistance program. For the illustrative Total Resource Cost Test, NEI adders of 15% for Residential and 15% for C&I are applied to total benefits excluding water.

(2) Utility and Customer Costs and Benefits are expressed in 2022 Dollars.

(3) Per past precedent, discount and inflation rates have been updated for the year in which measures will be installed, and were updated as of June 2021 for program year 2023.

Annual kWh Savings	230,927	0.5%	kWh < 65%	Lifetime kWh Savings	3,735,144	0.6%	kWh < 65%
Annual MMBTU Savings (in kWh)	<u>43,362,964</u>	<u>99.5%</u>		Lifetime MMBTU Savings (in kWh)	<u>608,091,752</u>	<u>99.4%</u>	
	43,593,891	100.0%			611,826,896	100.0%	

Annual Net Savings as a % of 2019 Sales	0.84%
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Spending per Customer	Low-Income	\$	320.42
	Residential	\$	35.93
	C&I	\$	252.64

Present Value Benefits - 2022 PLAN

	Total Benefits (\$000) ¹	Resource Benefits (\$000)												Non-Resource Benefits (\$000)			Environ- mental Benefits (\$000) ³		
		CAPACITY						Electric				Non-Electric		Total Resource Benefits					
		Summer Generation	Winter Generation	Transmission	Distribution	Reliability	Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak	Electric DRIPE	Total Electric Benefit	Other Fuels		Water Benefit				
																Fossil Emissions		Other Non- Resource Benefits ²	Total Non- Resource Benefits
Residential Programs																			
B1 - Home Energy Assistance	\$ 3,322	\$ 10	\$ -	\$ 52	\$ 54	\$ -	\$ 42	\$ 48	\$ 29	\$ 25	\$ 8	\$ 269	\$ 1,042	\$ 2	\$ 1,313	\$ 165	\$ 1,844	\$ 2,009	\$ 93
A1 - Energy Star Homes	\$ 1,293	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,085	\$ -	\$ 1,085	\$ 208	\$ 163	\$ 370	\$ -
A2 - Home Performance with Energy Star	\$ 3,297	\$ 1	\$ -	\$ 10	\$ 10	\$ -	\$ 15	\$ 15	\$ 6	\$ 5	\$ 3	\$ 65	\$ 2,773	\$ 4	\$ 2,842	\$ 456	\$ 426	\$ 881	\$ 31
A3 - Energy Star Products	\$ 3,007	\$ 0	\$ -	\$ 0	\$ 0	\$ -	\$ 14	\$ 18	(0)	(0)	\$ 2	\$ 33	\$ 2,585	\$ -	\$ 2,618	\$ 389	\$ 393	\$ 782	\$ 18
A4 - Residential Behavior	\$ 167	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 153	\$ -	\$ 153	\$ 13	\$ 23	\$ 36	\$ -
A6a - Res Customer Engagement Platform	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
A6b - Res ISO Forward Capacity Market Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
A6c - Residential Education	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total Residential	\$ 11,086	\$ 12	\$ -	\$ 62	\$ 64	\$ -	\$ 70	\$ 81	\$ 34	\$ 30	\$ 13	\$ 367	\$ 7,638	\$ 6	\$ 8,011	\$ 1,230	\$ 2,848	\$ 4,079	\$ 142
Commercial/Industrial Programs																			
C1 - Large Business Energy Solutions	\$ 6,303	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,438	\$ -	\$ 5,438	\$ 865	\$ 816	\$ 1,681	\$ -
C2 - Small Business Energy Solutions	\$ 4,249	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,889	\$ 829	\$ 3,718	\$ 531	\$ 433	\$ 964	\$ -
C6c - C&I Education	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total Commercial & Industrial	\$ 10,552	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,326	\$ 829	\$ 9,156	\$ 1,396	\$ 1,249	\$ 2,645	\$ -
Total	\$ 21,637	\$ 12	\$ -	\$ 62	\$ 64	\$ -	\$ 70	\$ 81	\$ 34	\$ 30	\$ 13	\$ 367	\$ 15,964	\$ 836	\$ 17,166	\$ 2,626	\$ 4,097	\$ 6,724	\$ 142

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322. Benefits are calculated based on net savings.

(2) Non-resource benefits include NEIs, which are only applied to the Home Energy Assistance program in the GST primary cost test.

(3) Non-embedded environmental benefits are not included in the GST primary cost test.

Present Value Benefits - 2023 PLAN

	Total Benefits (\$000) ¹	Resource Benefits (\$000)												Non-Resource Benefits (\$000)			Environmental Benefits (\$000) ³		
		CAPACITY						Electric				Non-Electric		Total Resource Benefits	Fossil Emissions	Other Non-Resource Benefits ²		Total Non-Resource Benefits	
		Granite State Test	Summer Generation	Winter Generation	Transmission	Distribution	Reliability	Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak	Electric DRIPE	Total Electric Benefit						Other Fuels
Residential Programs																			
B1 - Home Energy Assistance	\$ 3,623	\$ 23	\$ -	\$ 115	\$ 119	\$ -	\$ 11	\$ 7	\$ 62	\$ 52	\$ 7	\$ 396	\$ 1,101	\$ 2	\$ 1,499	\$ 184	\$ 1,939	\$ 2,124	\$ 94
A1 - Energy Star Homes	\$ 1,024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 804	\$ -	\$ 804	\$ 221	\$ 121	\$ 341	\$ -
A2 - Home Performance with Energy Star	\$ 3,328	\$ 3	\$ -	\$ 17	\$ 17	\$ -	\$ 11	\$ 10	\$ 10	\$ 8	\$ 3	\$ 79	\$ 2,762	\$ 4	\$ 2,845	\$ 483	\$ 426	\$ 909	\$ 29
A3 - Energy Star Products	\$ 2,761	\$ 0	\$ -	\$ 1	\$ 1	\$ -	\$ 10	\$ 13	\$ (0)	\$ (0)	\$ 2	\$ 26	\$ 2,347	\$ -	\$ 2,373	\$ 388	\$ 356	\$ 744	\$ 13
A4 - Residential Behavior	\$ 273	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 249	\$ -	\$ 249	\$ 24	\$ 37	\$ 61	\$ -
A6c - Residential Education	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total Residential	\$ 11,009	\$ 27	\$ -	\$ 133	\$ 137	\$ -	\$ 32	\$ 30	\$ 72	\$ 60	\$ 11	\$ 501	\$ 7,263	\$ 7	\$ 7,770	\$ 1,299	\$ 2,879	\$ 4,178	\$ 137
Commercial/Industrial Programs																			
C1 - Large Business Energy Solutions	\$ 6,863	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,865	\$ -	\$ 5,865	\$ 997	\$ 880	\$ 1,877	\$ -
C2 - Small Business Energy Solutions	\$ 4,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,059	\$ 819	\$ 3,878	\$ 593	\$ 459	\$ 1,052	\$ -
C6c - C&I Education	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total Commercial & Industrial	\$ 11,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,924	\$ 819	\$ 9,743	\$ 1,590	\$ 1,339	\$ 2,929	\$ -
Total	\$ 22,342	\$ 27	\$ -	\$ 133	\$ 137	\$ -	\$ 32	\$ 30	\$ 72	\$ 60	\$ 11	\$ 501	\$ 16,187	\$ 825	\$ 17,513	\$ 2,889	\$ 4,218	\$ 7,107	\$ 137

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322. Benefits are calculated based on net savings.

(2) Non-resource benefits include NEIs, which are only applied to the Home Energy Assistance program in the GST primary cost test.

(3) Non-embedded environmental benefits are not included in the GST primary cost test.

Portfolio Planned Versus Actual Performance - 2022										
Portfolio	Planned	Threshold	Actual	% of Plan	Design Coefficient	Actual Coefficient	125% of Planned PI		Actual PI	Source
1 Lifetime MMBtu Savings	2,049,541	1,537,156		-	2.475%	-	\$ 210,230	\$ 262,788	\$ -	Program Cost Effectiveness (Page 1 of 6)
2 Annual MMBtu Savings	137,824	103,368		-	1.100%	-	\$ 93,436	\$ 116,794	\$ -	Program Cost Effectiveness (Page 1 of 6)
3 Total Resource Benefits	\$ 17,166,476			-						Present Value Benefits (Page 2 of 6)
4 Total Utility Costs ¹	\$ 8,494,145			-						Program Cost Effectiveness (Page 1 of 6)
5 Net Benefits	\$ 8,672,330	\$ 6,504,248	\$ -	-	1.925%	-	\$ 163,512	\$ 204,390	\$ -	Line 3 minus line 4
6 Total					5.500%	-	\$ 467,178	\$ 583,972	\$ -	Sum of Rows 1, 2 & 5

Granite State Test				Source
	Planned	Actual		
7 Total Benefits	\$ 21,637,311			Program Cost Effectiveness (Page 1 of 6)
8 Performance Incentive	\$ 467,178	\$ -		from row 6 above
9 Total Utility Costs	\$ 8,494,145	\$ -		from row 4 above
10 Portfolio GST BCR	2.41	-		row 7 divided by rows 8+9

Costs, Benefits, and PI Expressed in 2022 Dollars.

¹ Note that in order to avoid a circular reference in the calculation of performance incentive, "Total Utility Costs" does not include the value of PI.

Portfolio Planned Versus Actual Performance - 2023										
Portfolio	Planned	Threshold	Actual	% of Plan	Design Coefficient	Actual Coefficient	125% of Planned PI		Actual PI	Source
1 Lifetime MMBtu Savings	2,074,895	1,556,171		-	2.475%	-	\$ 213,170	\$ 266,463	\$ -	Program Cost Effectiveness (Page 4 of 6)
2 Annual MMBtu Savings	147,961	110,970		-	1.100%	-	\$ 94,742	\$ 118,428	\$ -	Program Cost Effectiveness (Page 4 of 6)
3 Total Resource Benefits	\$ 17,513,219			-						Present Value Benefits (Page 5 of 6)
4 Total Utility Costs ¹	\$ 8,612,949			-						Program Cost Effectiveness (Page 4 of 6)
5 Net Benefits	\$ 8,900,269	\$ 6,675,202	\$ -	-	1.925%	-	\$ 165,799	\$ 207,249	\$ -	Line 3 minus line 4
6 Total					5.500%	-	\$ 473,712	\$ 592,140	\$ -	Sum of Rows 1, 2 & 5

Granite State Test				Source
	Planned	Actual		
7 Total Benefits	\$ 22,341,790			Program Cost Effectiveness (Page 4 of 6)
8 Performance Incentive	\$ 473,712	\$ -		from row 6 above
9 Total Utility Costs	\$ 8,612,949	\$ -		from row 4 above
10 Portfolio GST BCR	2.46	-		row 7 divided by rows 8+9

Costs, Benefits, and PI Expressed in 2022 Dollars. Nominal PI (2023\$) is \$489,107.85.

¹ Note that in order to avoid a circular reference in the calculation of performance incentive, "Total Utility Costs" does not include the value of PI.

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
B1a - HEA (Weatherization)	Air Sealing, Gas	G21B1a001	299	308	19.1	19.7	286.2	294.9	3.0	-	5.0	10.8	1,229.7	1,267.1	18,444.8	19,006.6
B1a - HEA (Weatherization)	Faucet Aerator, Gas	G21B1a002	4	4	-	-	-	-	-	-	-	-	3.0	3.1	21.3	21.9
B1a - HEA (Weatherization)	Hand Held Showerhead, Gas	G21B1a003	28	29	-	-	-	-	-	-	-	-	69.4	71.5	485.6	500.4
B1a - HEA (Weatherization)	Insulation, Gas	G21B1a004	641	661	112.6	116.1	2,314.3	2,384.7	17.7	-	29.6	64.0	3,425.6	3,530.0	70,381.1	72,524.6
B1a - HEA (Weatherization)	LED Bulb, General Service Lamps	G21B1a005	-	-									-	-	-	-
B1a - HEA (Weatherization)	LED Bulb, Linear	G21B1a006	-	-									-	-	-	-
B1a - HEA (Weatherization)	LED Bulb, Other Specialty	G21B1a007	-	-									-	-	-	-
B1a - HEA (Weatherization)	LED Bulb, Reflector	G21B1a008	-	-									-	-	-	-
B1a - HEA (Weatherization)	LED Fixture	G21B1a009	-	-									-	-	-	-
B1a - HEA (Weatherization)	Low Flow Showerhead, Gas	G21B1a010	6	6	-	-	-	-	-	-	-	-	7.7	8.0	54.0	55.7
B1a - HEA (Weatherization)	Pipe Insulation - Hot Water, Gas	G21B1a011	1	1	-	-	-	-	-	-	-	-	13.7	14.2	206.1	212.4
B1b - HEA (HVAC System)	Boiler Replacement, Gas	G21B1b001	59	61	-	-	-	-	-	-	-	-	1,542.7	1,589.7	29,312.0	30,204.7
B1b - HEA (HVAC System)	Furnace Replacement, Gas	G21B1b002	12	12	-	-	-	-	-	-	-	-	360.6	371.6	6,129.7	6,316.4
B1b - HEA (HVAC System)	Programmable Thermostat, Gas	G21B1b003	10	11	-	-	-	-	-	-	-	-	77.4	79.8	1,161.7	1,197.1
B1b - HEA (HVAC System)	Wifi Thermostat, Gas	G21B1b004	-	-									-	-	-	-
B1a - HEA (Weatherization)	Duct Insulation, Hydronic	G21B1a015	-	-									-	-	-	-
B1a - HEA (Weatherization)	Duct Insulation, Ducts	G21B1a016	-	-									-	-	-	-
B1a - HEA (Weatherization)	Duct Sealing	G21B1a017	-	-									-	-	-	-
B1b - HEA (HVAC System)	HVAC Repair: Boiler - Condensing, Water	G21B1b005	-	-									-	-	-	-
B1b - HEA (HVAC System)	HVAC Repair: Boiler - Steam	G21B1b006	-	-									-	-	-	-
B1b - HEA (HVAC System)	HVAC Repair: Boiler -Water	G21B1b007	-	-									-	-	-	-
B1b - HEA (HVAC System)	HVAC Repair: Furnace - Condensing, Ducted	G21B1b008	-	-									-	-	-	-
B1b - HEA (HVAC System)	HVAC Repair: Furnace - Ducted	G21B1b009	-	-									-	-	-	-
B1a - HEA (Weatherization)	Tank Wrap	G21B1a018	-	-									-	-	-	-
B1a - HEA (Weatherization)	Hot Water Setback	G21B1a019	-	-									-	-	-	-
B1b - HEA (HVAC System)	Indirect Water Heater (attached to ES FHW Boiler; Co	G21B1b010	-	-									-	-	-	-
B1b - HEA (HVAC System)	Integrated Water Heater w/Condensing Boiler >= 90%	G21B1b011	-	-									-	-	-	-
B1b - HEA (HVAC System)	Integrated Water Heater w/Condensing Boiler >= 95%	G21B1b012	-	-									-	-	-	-
B1b - HEA (HVAC System)	Tankless On-Demand Water Heater, >= .82	G21B1b013	-	-									-	-	-	-
B1b - HEA (HVAC System)	Tankless On-Demand Water Heater, UEF .87+	G21B1b014	-	-									-	-	-	-
B1b - HEA (HVAC System)	ES Storage Water Heater, Med Draw UEF .64+, High	G21B1b015	-	-									-	-	-	-
B1b - HEA (HVAC System)	Condensing Water Heater, UEF of .80+	G21B1b016	-	-									-	-	-	-
B1a - HEA (Weatherization)	Window Insert	G21B1a020	-	-									-	-	-	-
Home Energy Assistance Subtotal					131.7	135.7	2,600.5	2,679.7	20.7	-	34.7	74.8	6,729.9	6,934.9	126,196.4	130,039.8

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A1a - ES Homes	Cooling, Electric, SF	E21A1a001	-	-									-	-	-	-
A1a - ES Homes	Heating, Gas, SF	G21A1a002	170	169	-	-	-	-	-	-	-	-	4,690.2	4,662.6	117,254.7	116,565.0
A1a - ES Homes	Hot Water, Gas, SF	G21A1a003	-	-									-	-	-	-
A1a - ES Homes	Cooling, Electric, MF	E21A1a002	-	-									-	-	-	-
A1a - ES Homes	Heating, Gas, MF	G21A1a005	79	70	-	-	-	-	-	-	-	-	695.9	619.6	17,398.6	15,488.8
A1a - ES Homes	Hot Water, Gas, MF	G21A1a006	-	-									-	-	-	-
A1a - ES Homes	LED Bulb - SF	G21A1a007	-	-									-	-	-	-
A1a - ES Homes	LED Bulb (MF)	G21A1a008	-	-									-	-	-	-
A1a - ES Homes	Clothes Washer	G21A1a009	-	-									-	-	-	-
ES Homes Subtotal					-	-	-	-	-	-	-	-	5,386.1	5,282.2	134,653.3	132,053.8

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A2a - HPwES (Weatheriza	Air Sealing, Gas	G21A2a001	134	134	1.7	1.7	25.4	25.4	0.3	-	0.4	0.9	1,647.3	1,647.4	24,709.0	24,711.1
A2a - HPwES (Weatheriza	Faucet Aerator, Gas	G21A2a002	33	33	-	-	-	-	-	-	-	-	5.9	5.9	41.4	41.4
A2a - HPwES (Weatheriza	Hand Held Showerhead, Gas	G21A2a003	37	37	0.5	0.5	3.4	3.4	0.1	-	0.1	-	16.3	16.3	114.1	114.1
A2a - HPwES (Weatheriza	Insulation, Gas	G21A2a004	299	299	12.7	12.7	274.7	274.7	2.0	-	3.3	7.0	12,127.3	12,128.4	262,903.4	262,925.5
A2a - HPwES (Weatheriza	LED Bulb, General Service Lamps	G21A2a005	840	840	35.4	35.4	177.2	177.2	7.6	7.6	4.9	4.9	-	-	-	-
A2a - HPwES (Weatheriza	LED Bulb, Linear	G21A2a006	-	-									-	-	-	-
A2a - HPwES (Weatheriza	LED Bulb, Other Specialty	G21A2a007	202	202	10.1	10.1	50.5	50.5	2.2	2.2	1.4	1.4	-	-	-	-
A2a - HPwES (Weatheriza	LED Bulb, Reflector	G21A2a008	88	88	4.4	4.4	21.9	21.9	0.9	0.9	0.6	0.6	-	-	-	-
A2a - HPwES (Weatheriza	LED Fixture	G21A2a009	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Low Flow Showerhead, Gas	G21A2a010	48	48	-	-	-	-	-	-	-	-	23.8	23.8	166.9	166.9
A2a - HPwES (Weatheriza	Pipe Insulation - Hot Water, Gas	G21A2a011	12	12	0.3	0.3	4.7	4.7	0.0	-	0.1	-	23.8	23.8	357.4	357.4
A2b - HPwES (HVAC Syst	Ancillary Savings – Central AC	G21A2b007	1	1	0.5	0.5	2.3	2.3	-	-	0.3	0.3	-	-	-	-
A2b - HPwES (HVAC Syst	Ancillary Savings – Mini-Split AC / HP	G21A2b009	-	-									-	-	-	-
A2b - HPwES (HVAC Syst	Ancillary Savings – Boiler Circulator Pump	G21A2b005	80	80	1.3	1.3	26.7	26.7	0.4	0.4	-	-	197.8	197.8	3,956.4	3,956.7
A2b - HPwES (HVAC Syst	Ancillary Savings – Furnace	G21A2b006	62	62	5.1	5.1	86.8	86.8	1.5	1.5	-	-	-	-	-	-
A2b - HPwES (HVAC Syst	Ancillary Savings – Room AC	G21A2b008	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Duct Insulation, Hydronic	G21A2a015	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Duct Insulation, Ducts	G21A2a016	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Duct Sealing	G21A2a017	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Tank Wrap	G21A2a018	-	-									-	-	-	-
A2a - HPwES (Weatheriza	Hot Water Setback	G21A2a019	-	-									-	-	-	-
A2b - HPwES (HVAC Syst	Boiler Replacement, Gas	G21A2b001	-	-									-	-	-	-
A2b - HPwES (HVAC Syst	Furnace Replacement, Gas	G21A2b002	-	-									-	-	-	-
A2b - HPwES (HVAC Syst	Programmable Thermostat, Gas	G21A2b003	219	219	1.3	1.3	18.9	18.9	0.2	-	0.3	0.7	95.7	95.7	1,434.8	1,434.9
A2b - HPwES (HVAC Syst	Wifi Thermostat, Gas	G21A2b004	512	401	0.4	0.3	6.6	5.2	0.1	-	0.1	0.2	2,896.3	2,265.9	43,444.0	33,988.9
Home Performance with Energy Star Subtotal					73.7	73.6	699.2	697.8	15.3	12.7	11.6	16.0	17,034.2	16,405.1	337,127.3	327,696.9

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A3c - ES HVAC Systems	Early Replacement Boiler, FHW - EE 90 AFUE (80%-9	G21A3b001	-	-									-	-	-	-
A3c - ES HVAC Systems	Early Replacement Boiler, FHW - Retirement: 90 AFU	G21A3b002	-	-									-	-	-	-
A3c - ES HVAC Systems	Early Replacement Boiler, Steam - EE: 82%+ AFUE	G21A3b003	-	-									-	-	-	-
A3c - ES HVAC Systems	Early Replacement Boiler, Steam - Retirement: 82%+	G21A3b004	-	-									-	-	-	-
A3c - ES HVAC Systems	Boiler Reset Controls	G21A3b005	2	2	-	-	-	-	-	-	-	-	8.8	7.0	131.6	105.3
A3c - ES HVAC Systems	Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b006	16	16	-	-	-	-	-	-	-	-	172.3	137.8	3,273.8	2,619.0
A3c - ES HVAC Systems	Condensing Boiler >= 95% AFUE (Up to 300 MBH)	G21A3b007	115	112	-	-	-	-	-	-	-	-	1,514.8	1,180.2	28,780.8	22,424.0
A3c - ES HVAC Systems	Furnace 95+ AFUE (<150) w/ECM Motor	G21A3b008	260	256	24.1	19.0	409.9	322.9	7.0	5.5	-	-	2,267.7	1,786.3	38,551.2	30,366.5
A3c - ES HVAC Systems	Furnace 97+ AFUE (<150) w/ECM Motor	G21A3b009	90	85	8.3	6.3	141.9	107.2	2.4	1.8	-	-	825.0	623.4	14,025.5	10,597.1
A3c - ES HVAC Systems	Heat Recovery Ventilator (-133 kWh penalty)	G21A3b010	-	-									-	-	-	-
A3c - ES HVAC Systems	Programmable Thermostat	G21A3b011	60	55	1.6	1.5	24.3	22.3	0.3	-	0.4	0.8	210.0	192.5	3,150.0	2,887.5
A3c - ES HVAC Systems	Indirect Water Heater (attached to ES FHW Boiler; Co	G21A3b012	20	18	-	-	-	-	-	-	-	-	80.0	72.0	1,600.0	1,440.0
A3c - ES HVAC Systems	Integrated Water Heater w/Condensing Boiler >= 90%	G21A3b013	-	-									-	-	-	-
A3c - ES HVAC Systems	Integrated Water Heater w/Condensing Boiler >= 95%	G21A3b014	245	237	-	-	-	-	-	-	-	-	3,136.0	3,030.1	59,584.0	57,571.1
A3c - ES HVAC Systems	Condensing Water Heater, UEF of .80+	G21A3b015	-	-									-	-	-	-
A3c - ES HVAC Systems	ES Storage Water Heater, Med Draw UEF .64+, High	G21A3b016	17	16	(0.7)	(0.7)	(9.5)	(8.9)	(0.1)	(0.1)	(0.1)	(0.1)	51.0	48.0	663.0	624.0
A3c - ES HVAC Systems	Tankless On-Demand Water Heater, >= .82	G21A3b017	-	-									-	-	-	-
A3c - ES HVAC Systems	Tankless On-Demand Water Heater, UEF .87+	G21A3b018	110	105	(4.7)	(4.5)	(89.9)	(85.8)	(0.4)	(0.4)	(0.2)	(0.2)	803.0	766.5	15,257.0	14,563.5
A3c - ES HVAC Systems	WiFi Thermostat (Heating Only)	G21A3b019	1,775	1,725	-	-	-	-	-	-	-	-	10,295.0	10,005.0	154,424.7	150,075.4
A3c - ES HVAC Systems	WiFi Thermostat (Heating & Cooling)	G21A3b020	-	-									-	-	-	-
ES Products Subtotal					28.6	21.6	476.7	357.6	9.2	6.9	0.1	0.5	19,363.6	17,848.8	319,441.7	293,273.3

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A4a - Residential Behavior	Home Energy Reports	G21A4a001	30,000	30,000	-	-	-	-	-	-	-	-	17,325.4	28,410.0	17,325.4	28,410.0
	Residential Behavior Subtotal		-	-	-	-	-	-	-	-	-	-	17,325.4	28,410.0	17,325.4	28,410.0

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C1a - LCI Retrofit	Custom Large Hot Water Retro	G21C1a001	-	-									-	-	-	-
C1a - LCI Retrofit	Custom Large HVAC Retro	G21C1a002	-	-									-	-	-	-
C1a - LCI Retrofit	Custom Large Other Retro	G21C1a003	34	40	-	-	-	-	-	-	-	-	17,876.6	20,923.6	307,569.0	359,993.3
C1a - LCI Retrofit	Custom Large Process Retro	G21C1a004	-	-									-	-	-	-
C1a - LCI Retrofit	Air Sealing, Gas	G21C1a017	-	-									-	-	-	-
C1a - LCI Retrofit	Insulation, Gas	G21C1a018	-	-									-	-	-	-
C1a - LCI Retrofit	Faucet Aerator, Gas	G21C1a005	-	-									-	-	-	-
C1a - LCI Retrofit	Low Flow Showerhead With Thermostatic Valve, Gas	G21C1a006	-	-									-	-	-	-
C1a - LCI Retrofit	Low Flow Showerhead, Gas	G21C1a007	-	-									-	-	-	-
C1a - LCI Retrofit	Pipe Wrap - Hot Water, Gas	G21C1a008	-	-									-	-	-	-
C1a - LCI Retrofit	Pre Rinse Spray Valve, Gas	G21C1a009	-	-									-	-	-	-
C1a - LCI Retrofit	Boiler Reset Controls, Gas	G21C1a010	-	-									-	-	-	-
C1a - LCI Retrofit	Boiler Tune-Ups	G21C1a011	1	1	-	-	-	-	-	-	-	-	222.1	186.6	444.2	373.1
C1a - LCI Retrofit	Energy Management System, Gas	G21C1a012	1	1	-	-	-	-	-	-	-	-	136.0	114.2	1,360.0	1,142.4
C1a - LCI Retrofit	Pipe Insulation - Heating, Gas	G21C1a013	1	1	-	-	-	-	-	-	-	-	169.4	142.3	2,540.3	2,133.8
C1a - LCI Retrofit	Steam Trap, Gas	G21C1a014	354	354	-	-	-	-	-	-	-	-	13,100.2	11,004.2	78,601.2	66,025.0
C1a - LCI Retrofit	Programmable Thermostat, Gas	G21C1a015	-	-									-	-	-	-
C1a - LCI Retrofit	WiFi Thermostat (Heating & Cooling)	G21C1a016	-	-									-	-	-	-
C1b - LCI New Equipment	Custom Large Hot Water New	G21C1b001	-	-									-	-	-	-
C1b - LCI New Equipment	Custom Large HVAC New	G21C1b002	-	-									-	-	-	-
C1b - LCI New Equipment	Custom Large Other New	G21C1b003	35	35	-	-	-	-	-	-	-	-	17,371.4	17,371.4	315,843.1	315,843.2
C1b - LCI New Equipment	Custom Large Process New	G21C1b004	-	-									-	-	-	-
C1b - LCI New Equipment	Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005	-	-									-	-	-	-
C1b - LCI New Equipment	Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006	-	-									-	-	-	-
C1b - LCI New Equipment	Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	3	3	-	-	-	-	-	-	-	-	154.2	154.2	3,855.0	3,855.0
C1b - LCI New Equipment	Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	1	1	-	-	-	-	-	-	-	-	28.0	28.0	700.0	700.0
C1b - LCI New Equipment	Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	-	-									-	-	-	-
C1b - LCI New Equipment	Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	2	2	-	-	-	-	-	-	-	-	35.4	35.4	885.0	885.0
C1b - LCI New Equipment	Combo Condensing Boiler / Water Heater, Gas	G21C1b011	-	-									-	-	-	-
C1b - LCI New Equipment	Combo Furnace / Water Heater, Gas	G21C1b012	-	-									-	-	-	-
C1b - LCI New Equipment	Condensing Unit Heater, Gas	G21C1b013	-	-									-	-	-	-
C1b - LCI New Equipment	Furnace w/ ECM 95 AFUE, Gas	G21C1b014	4	4	-	-	-	-	-	-	-	-	22.8	19.2	410.4	344.7
C1b - LCI New Equipment	Furnace w/ ECM 97 AFUE, Gas	G21C1b015	-	-									-	-	-	-
C1b - LCI New Equipment	Infrared Heater, Gas	G21C1b016	2	2	-	-	-	-	-	-	-	-	24.0	20.2	408.0	342.7
C1b - LCI New Equipment	Faucet Aerator, Gas	G21C1b017	-	-									-	-	-	-
C1b - LCI New Equipment	Low Flow Showerhead With Thermostatic Valve, Gas	G21C1b018	-	-									-	-	-	-
C1b - LCI New Equipment	Low Flow Showerhead, Gas	G21C1b019	-	-									-	-	-	-
C1b - LCI New Equipment	Pre Rinse Spray Valve, Gas	G21C1b020	-	-									-	-	-	-
C1b - LCI New Equipment	Combination Oven, Gas	G21C1b021	-	-									-	-	-	-
C1b - LCI New Equipment	Convection Oven, Gas	G21C1b022	-	-									-	-	-	-
C1b - LCI New Equipment	Conveyor Oven, Gas	G21C1b023	-	-									-	-	-	-
C1b - LCI New Equipment	Fryer, Gas	G21C1b024	-	-									-	-	-	-
C1b - LCI New Equipment	Griddle, Gas	G21C1b025	-	-									-	-	-	-
C1b - LCI New Equipment	Rack Oven, Gas	G21C1b026	-	-									-	-	-	-
C1b - LCI New Equipment	Steam Cooker, Gas	G21C1b027	-	-									-	-	-	-
C1b - LCI New Equipment	C&I Large New Construction Code Compliance	G21C1b028	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Water Heater, Condensing Gas	G21C1c012	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Combination Oven, Gas	G21C1c001	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Convection Oven, Gas	G21C1c002	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Conveyor Oven, Gas	G21C1c003	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Fryer, Gas	G21C1c004	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Griddle, Gas	G21C1c005	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Rack Oven, Gas	G21C1c007	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Steam Cooker, Gas	G21C1c008	-	-									-	-	-	-

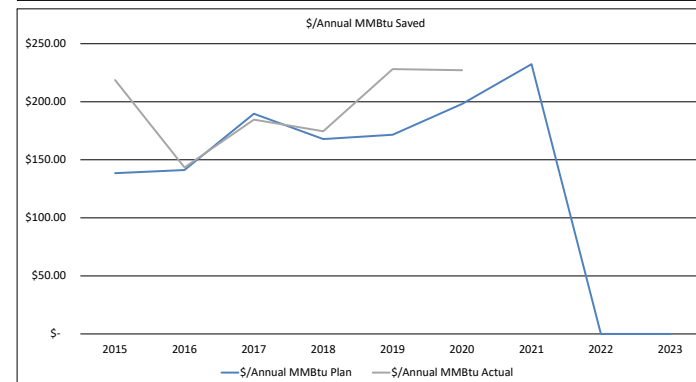
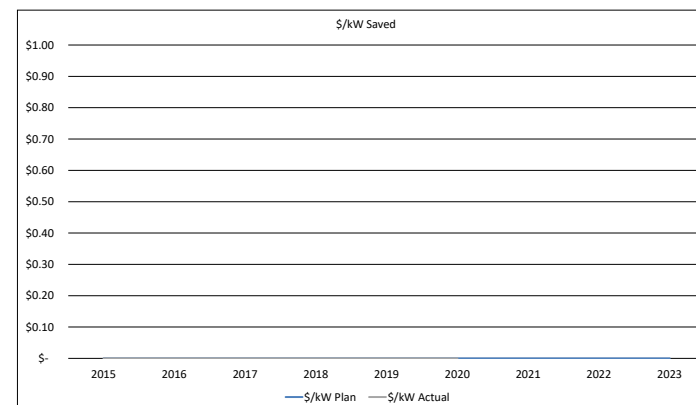
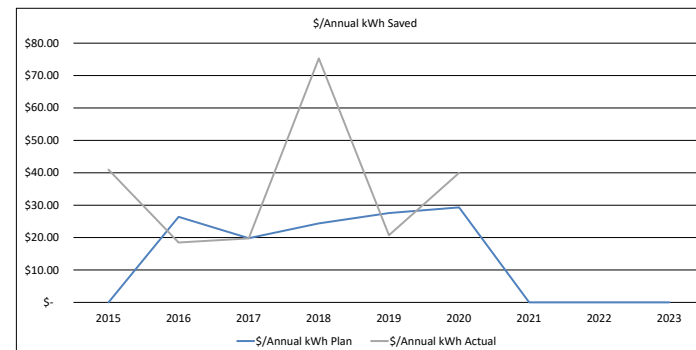
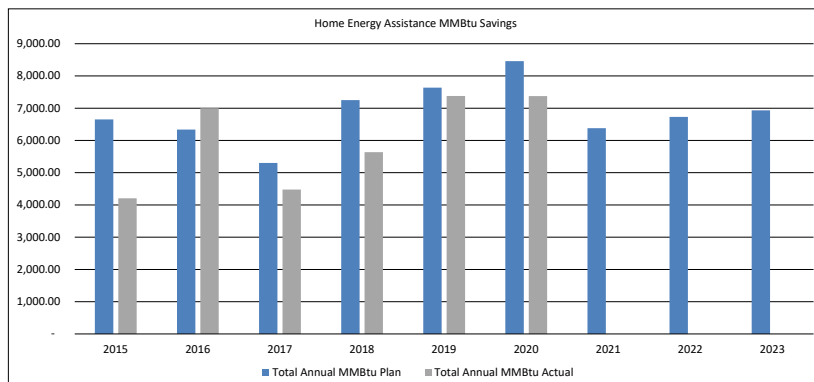
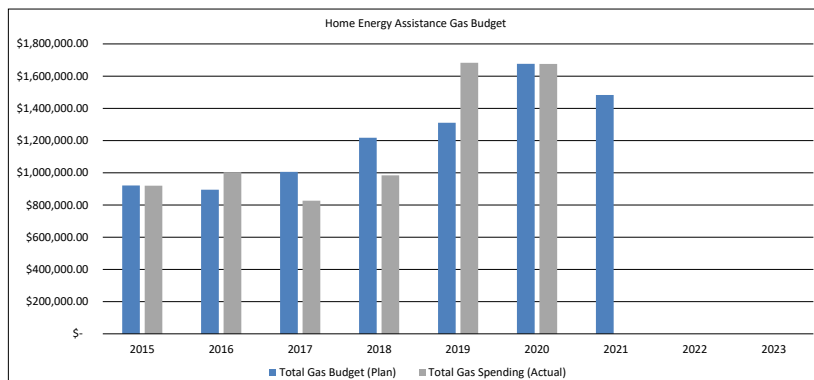
			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C1c - LCI Midstream	Midstream Indirect Water Heater, Gas	G21C1c009	-	-									-	-	-	-
C1c - LCI Midstream	Midstream On Demand Tankless Water Heater, Gas	G21C1c010	-	-									-	-	-	-
C1c - LCI Midstream	Midstream Volume Water Heater, Gas	G21C1c011	-	-									-	-	-	-
Large Business Energy Solutions Subtotal					-	-	-	-	-	-	-	-	49,140.0	49,999.1	712,616.1	751,638.2

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C2a - SCI Retrofit	Custom Small Hot Water Retro	G21C2a001	-	-									-	-	-	-
C2a - SCI Retrofit	Custom Small HVAC Retro	G21C2a002	-	-									-	-	-	-
C2a - SCI Retrofit	Custom Small Other Retro	G21C2a003	84	99	-	-	-	-	-	-	-	-	7,657.4	8,970.6	150,042.6	175,772.8
C2a - SCI Retrofit	Custom Small Process Retro	G21C2a004	-	-									-	-	-	-
C2a - SCI Retrofit	Air Sealing, Gas	G21C2a017	-	-									-	-	-	-
C2a - SCI Retrofit	Insulation, Gas	G21C2a018	-	-									-	-	-	-
C2a - SCI Retrofit	Faucet Aerator, Gas	G21C2a005	-	-									-	-	-	-
C2a - SCI Retrofit	Low Flow Showerhead With Thermostatic Valve, Gas	G21C2a006	-	-									-	-	-	-
C2a - SCI Retrofit	Low Flow Showerhead, Gas	G21C2a007	-	-									-	-	-	-
C2a - SCI Retrofit	Pipe Wrap - Hot Water, Gas	G21C2a008	100	100	-	-	-	-	-	-	-	-	21.0	21.0	315.0	315.0
C2a - SCI Retrofit	Pre Rinse Spray Valve, Gas	G21C2a009	-	-									-	-	-	-
C2a - SCI Retrofit	Boiler Reset Controls, Gas	G21C2a010	-	-									-	-	-	-
C2a - SCI Retrofit	Boiler Tune-Ups	G21C2a011	-	-									-	-	-	-
C2a - SCI Retrofit	Energy Management System, Gas	G21C2a012	-	-									-	-	-	-
C2a - SCI Retrofit	Pipe Insulation - Heating, Gas	G21C2a013	-	-									-	-	-	-
C2a - SCI Retrofit	Steam Trap, Gas	G21C2a014	35	40	-	-	-	-	-	-	-	-	367.0	352.3	2,201.7	2,113.7
C2a - SCI Retrofit	Programmable Thermostat, Gas	G21C2a015	350	400	-	-	-	-	-	-	-	-	1,225.0	1,400.0	18,375.0	21,000.0
C2a - SCI Retrofit	WiFi Thermostat (Heating & Cooling)	G21C2a016	18	20	-	-	-	-	-	-	-	-	63.0	70.0	945.0	1,050.0
C2b - SCI New Equipment	Custom Small Hot Water New	G21C2b001	-	-									-	-	-	-
C2b - SCI New Equipment	Custom Small HVAC New	G21C2b002	-	-									-	-	-	-
C2b - SCI New Equipment	Custom Small Other New	G21C2b003	-	-									-	-	-	-
C2b - SCI New Equipment	Custom Small Process New	G21C2b004	-	-									-	-	-	-
C2b - SCI New Equipment	Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C2b005	11	12	-	-	-	-	-	-	-	-	1,818.3	1,666.2	45,457.5	41,655.6
C2b - SCI New Equipment	Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C2b006	11	12	-	-	-	-	-	-	-	-	1,290.5	1,182.6	32,263.6	29,565.2
C2b - SCI New Equipment	Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	25	28	-	-	-	-	-	-	-	-	1,285.0	1,439.2	32,125.1	35,979.9
C2b - SCI New Equipment	Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	11	12	-	-	-	-	-	-	-	-	308.0	336.0	7,700.0	8,400.0
C2b - SCI New Equipment	Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	-	-									-	-	-	-
C2b - SCI New Equipment	Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	18	20	-	-	-	-	-	-	-	-	350.5	389.4	8,761.5	9,735.0
C2b - SCI New Equipment	Combo Condensing Boiler / Water Heater, Gas	G21C2b011	-	-									-	-	-	-
C2b - SCI New Equipment	Combo Furnace / Water Heater, Gas	G21C2b012	-	-									-	-	-	-
C2b - SCI New Equipment	Condensing Unit Heater, Gas	G21C2b013	-	-									-	-	-	-
C2b - SCI New Equipment	Furnace w/ ECM 95 AFUE, Gas	G21C2b014	14	15	-	-	-	-	-	-	-	-	79.8	71.8	1,436.4	1,292.8
C2b - SCI New Equipment	Furnace w/ ECM 97 AFUE, Gas	G21C2b015	-	-									-	-	-	-
C2b - SCI New Equipment	Infrared Heater, Gas	G21C2b016	22	23	-	-	-	-	-	-	-	-	264.0	231.8	4,488.0	3,941.3
C2b - SCI New Equipment	Faucet Aerator, Gas	G21C2b017	997	1,097	-	-	-	-	-	-	-	-	1,694.7	1,565.9	16,893.9	15,610.0
C2b - SCI New Equipment	Low Flow Showerhead With Thermostatic Valve, Gas	G21C2b018	-	-									-	-	-	-
C2b - SCI New Equipment	Low Flow Showerhead, Gas	G21C2b019	450	450	-	-	-	-	-	-	-	-	1,192.5	1,192.5	11,925.0	11,925.0
C2b - SCI New Equipment	Pre Rinse Spray Valve, Gas	G21C2b020	60	65	-	-	-	-	-	-	-	-	159.0	172.3	1,192.5	1,291.9
C2b - SCI New Equipment	Combination Oven, Gas	G21C2b021	-	-									-	-	-	-
C2b - SCI New Equipment	Convection Oven, Gas	G21C2b022	15	18	-	-	-	-	-	-	-	-	535.5	642.6	6,426.0	7,711.2
C2b - SCI New Equipment	Conveyor Oven, Gas	G21C2b023	-	-									-	-	-	-
C2b - SCI New Equipment	Fryer, Gas	G21C2b024	-	-									-	-	-	-
C2b - SCI New Equipment	Griddle, Gas	G21C2b025	-	-									-	-	-	-
C2b - SCI New Equipment	Rack Oven, Gas	G21C2b026	-	-									-	-	-	-
C2b - SCI New Equipment	Steam Cooker, Gas	G21C2b027	-	-									-	-	-	-
C2b - SCI New Equipment	C&I Small New Construction Code Compliance	G21C2b028	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Combination Oven, Gas	G21C2c001	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Convection Oven, Gas	G21C2c002	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Conveyor Oven, Gas	G21C2c003	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Fryer, Gas	G21C2c004	28	32	-	-	-	-	-	-	-	-	2,192.4	2,087.2	26,308.4	25,046.0
C2c - SCI Midstream	Midstream Griddle, Gas	G21C2c005	2	2	-	-	-	-	-	-	-	-	75.8	63.1	909.6	757.7
C2c - SCI Midstream	Midstream Pre-Rinse Spray Valve, Gas	G21C2c006	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Rack Oven, Gas	G21C2c007	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Steam Cooker, Gas	G21C2c008	-	-									-	-	-	-
C2c - SCI Midstream	Midstream Indirect Water Heater, Gas	G21C2c009	6	7	-	-	-	-	-	-	-	-	114.0	39.9	1,710.0	598.5

			Quantity		Net Annual MWh Savings		Net Lifetime MWh Savings		Annual Net Winter kW		Annual Net Summer kW		Total Net Annual MMBTU		Total Net Lifetime MMBTU	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C2c - SCI Midstream	Midstream On Demand Tankless Water Heater, Gas	G21C2c010	12	14	-	-	-	-	-	-	-	-	106.8	57.3	2,029.2	1,089.0
C2c - SCI Midstream	Midstream Volume Water Heater, Gas	G21C2c011	25	30	-	-	-	-	-	-	-	-	2,045.0	1,128.8	30,675.0	16,932.6
C2c - SCI Midstream	Midstream Water Heater, Condensing Gas	G21C2c012	-	-									-	-	-	-
	Small Business Energy Solutions Subtotal				-	-	-	-	-	-	-	-	22,845.2	23,080.6	402,181.1	411,783.1

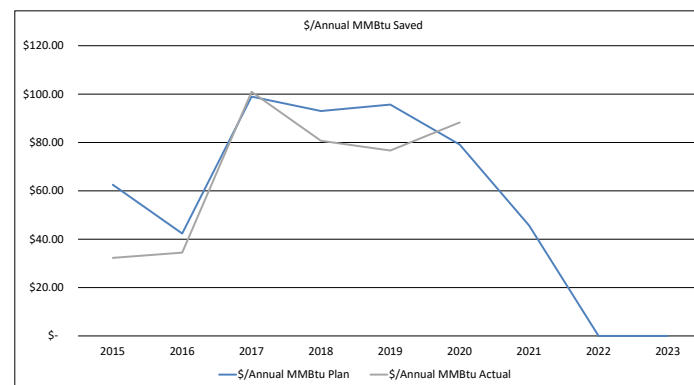
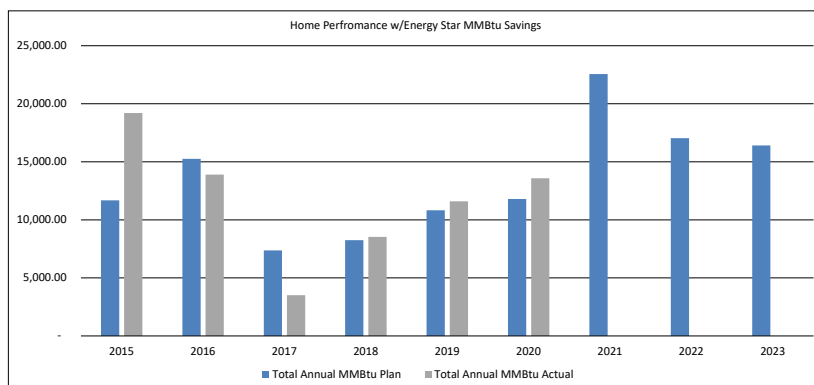
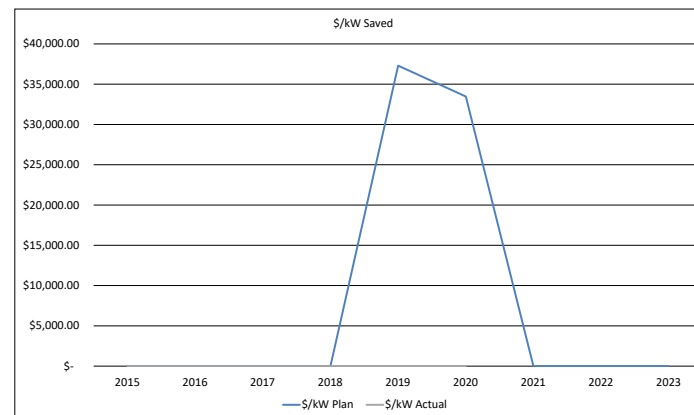
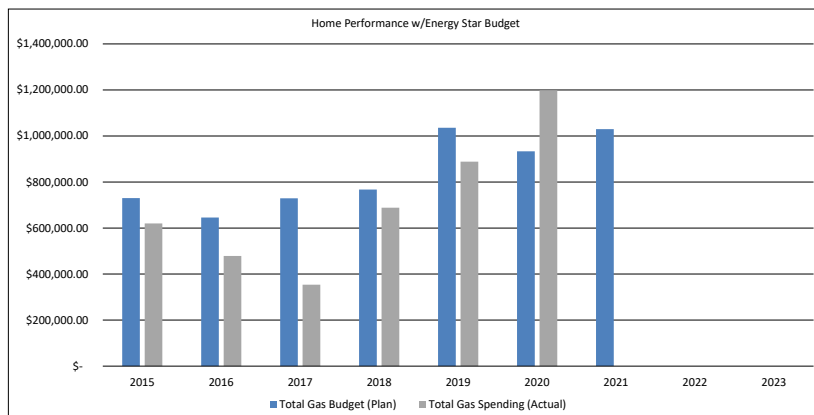
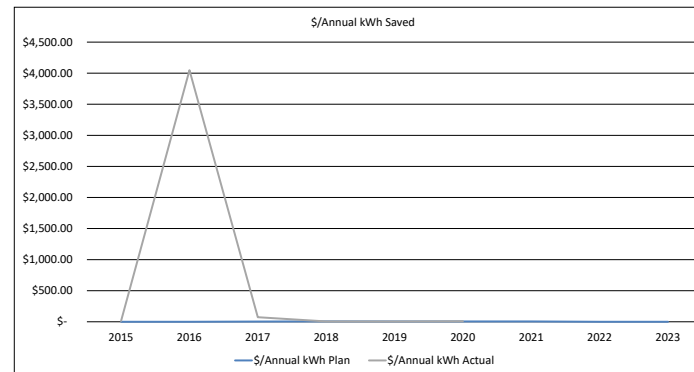
Home Energy Assistance

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 921,250.00	\$ 895,000.00	\$ 1,005,700.00	\$ 1,217,300.00	\$ 1,310,342.19	\$ 1,676,441.36	\$ 1,482,845.00	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	33,878.44	50,719.26	49,935.01	47,538.87	57,178.54	-	131,722.70	135,734.38
	\$/Annual kWh Plan	\$ -	\$ 26.42	\$ 19.83	\$ 24.38	\$ 27.56	\$ 29.32	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 921,250.00	\$ 895,000.00	\$ 1,005,700.00	\$ 1,217,300.00	\$ 1,310,342.19	\$ 1,676,441.36	\$ 1,482,845.00	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	-	-	-	34.66	74.85
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 921,250.00	\$ 895,000.00	\$ 1,005,700.00	\$ 1,217,300.00	\$ 1,310,342.19	\$ 1,676,441.36	\$ 1,482,845.00	\$ -	\$ -
	Total Annual MMBtu Plan	6,650.66	6,338.51	5,302.03	7,252.46	7,636.96	8,460.12	6,380.98	6,729.93	6,934.89
	\$/Annual MMBtu Plan	\$ 138.52	\$ 141.20	\$ 189.68	\$ 167.85	\$ 171.58	\$ 198.16	\$ 232.39	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 919,750.53	\$ 1,003,642.21	\$ 826,371.23	\$ 984,076.99	\$ 1,683,151.63	\$ 1,676,017.45			
	Annual Electric Savings Actual (kWh)	22,452.20	54,303.44	41,805.90	13,069.01	81,247.30	41,959.61			
	\$/Annual kWh Actual	\$ 40.96	\$ 18.48	\$ 19.77	\$ 75.30	\$ 20.72	\$ 39.94			
2)	Total Gas Spending (Actual)	\$ 919,750.53	\$ 1,003,642.21	\$ 826,371.23	\$ 984,076.99	\$ 1,683,151.63	\$ 1,676,017.45			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 919,750.53	\$ 1,003,642.21	\$ 826,371.23	\$ 984,076.99	\$ 1,683,151.63	\$ 1,676,017.45			
	Total Annual MMBtu Actual	4,206.13	6,997.88	4,476.14	5,636.02	7,377.76	7,376.82			
	\$/Annual MMBtu Actual	\$ 218.67	\$ 143.42	\$ 184.62	\$ 174.60	\$ 228.14	\$ 227.20			



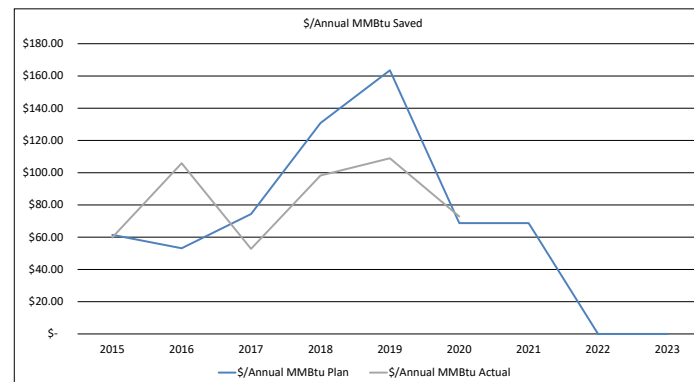
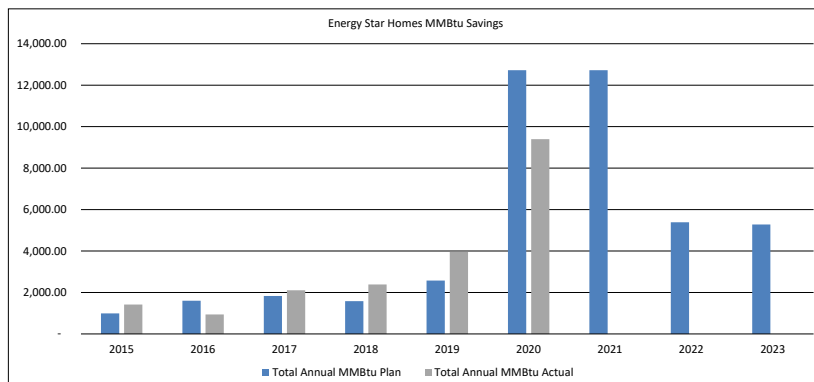
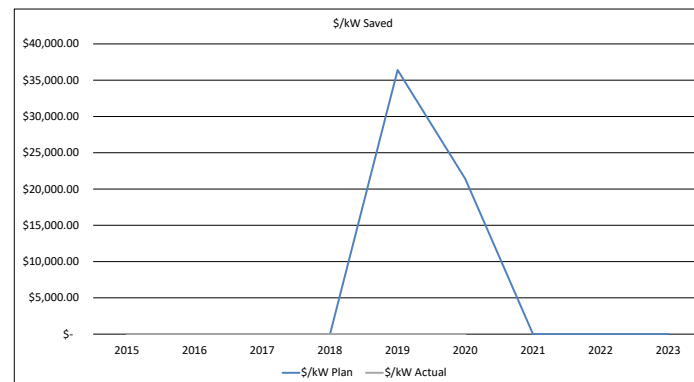
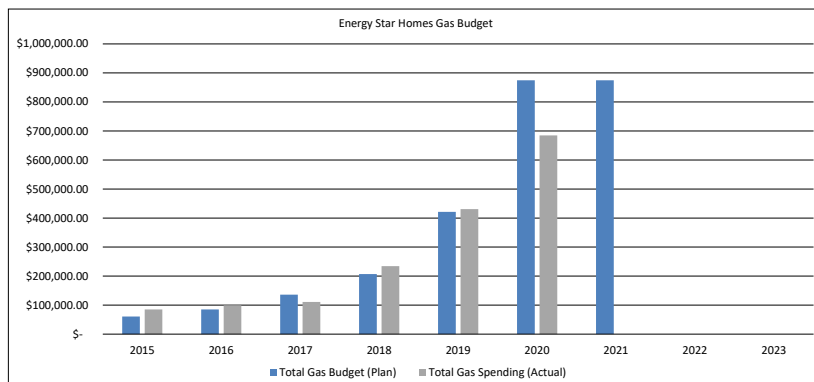
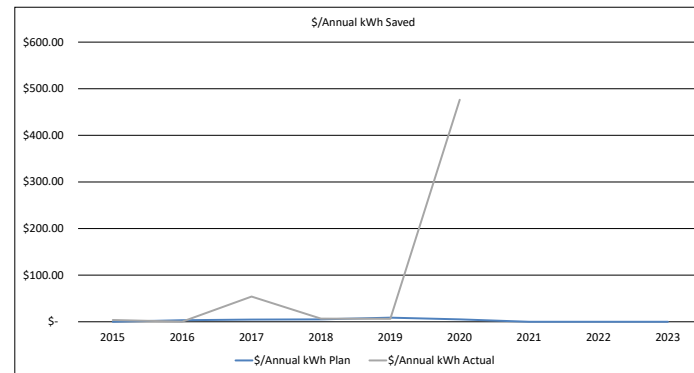
Home Performance w/Energy Star

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 730,157.00	\$ 645,815.00	\$ 729,200.00	\$ 767,160.00	\$ 1,035,751.28	\$ 933,161.78	\$ 1,029,959.96	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	-	185,369.92	119,725.12	177,985.24	178,695.06	223,625.59	73,701.58	73,611.95
	\$/Annual kWh Plan	\$ -	\$ -	\$ 3.93	\$ 6.41	\$ 5.82	\$ 5.22	\$ 4.61	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 730,157.00	\$ 645,815.00	\$ 729,200.00	\$ 767,160.00	\$ 1,035,751.28	\$ 933,161.78	\$ 1,029,959.96	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	27.77	27.88	-	11.65	16.02
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ 37,302.35	\$ 33,474.12	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 730,157.00	\$ 645,815.00	\$ 729,200.00	\$ 767,160.00	\$ 1,035,751.28	\$ 933,161.78	\$ 1,029,959.96	\$ -	\$ -
	Total Annual MMBtu Plan	11,681.19	15,257.70	7,369.27	8,247.88	10,825.20	11,796.09	22,562.69	17,034.22	16,405.07
	\$/Annual MMBtu Plan	\$ 62.51	\$ 42.33	\$ 98.95	\$ 93.01	\$ 95.68	\$ 79.11	\$ 45.65	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 619,872.77	\$ 478,819.12	\$ 354,067.20	\$ 688,212.32	\$ 888,594.74	\$ 1,198,338.97			
	Annual Electric Savings Actual (kWh)	45,640.00	118.28	4,817.00	116,260.00	192,555.62	133,273.39			
	\$/Annual kWh Actual	\$ 13.58	\$ 4,048.30	\$ 73.50	\$ 5.92	\$ 4.61	\$ 8.99			
2)	Total Gas Spending (Actual)	\$ 619,872.77	\$ 478,819.12	\$ 354,067.20	\$ 688,212.32	\$ 888,594.74	\$ 1,198,338.97			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 619,872.77	\$ 478,819.12	\$ 354,067.20	\$ 688,212.32	\$ 888,594.74	\$ 1,198,338.97			
	Total Annual MMBtu Actual	19,203.20	13,900.99	3,507.99	8,527.40	11,592.83	13,576.69			
	\$/Annual MMBtu Actual	\$ 32.28	\$ 34.44	\$ 100.93	\$ 80.71	\$ 76.65	\$ 88.26			



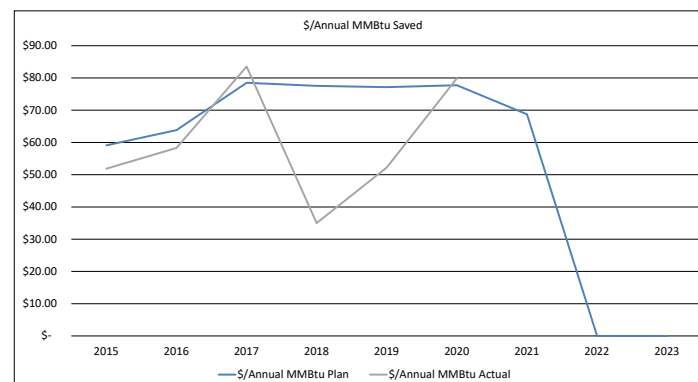
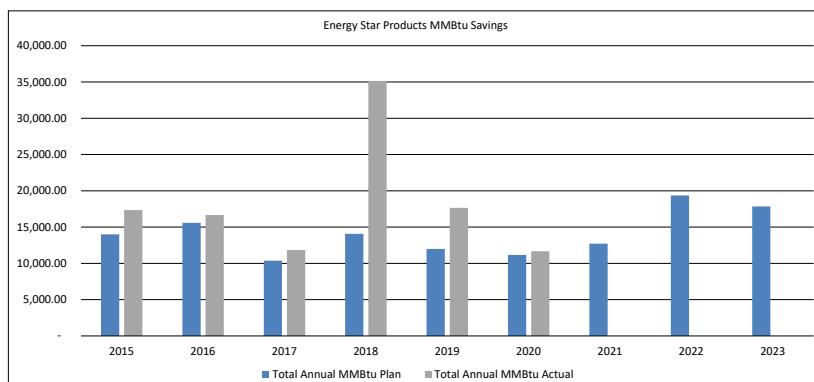
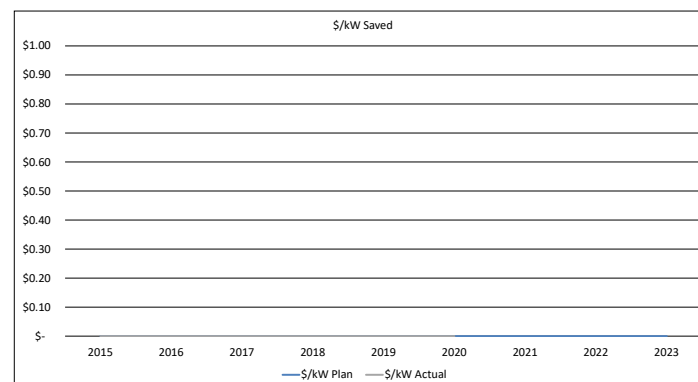
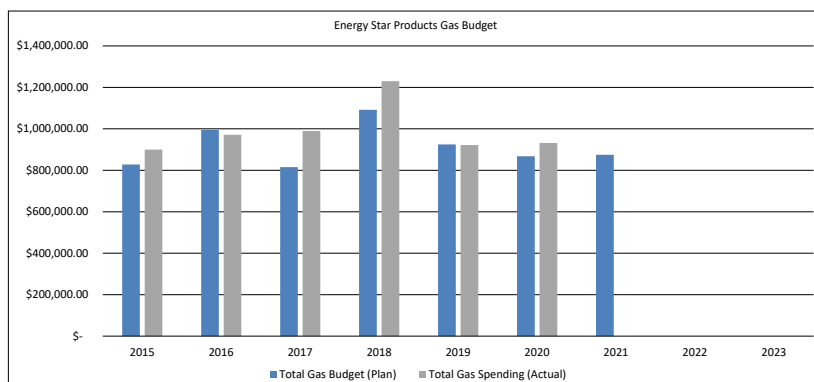
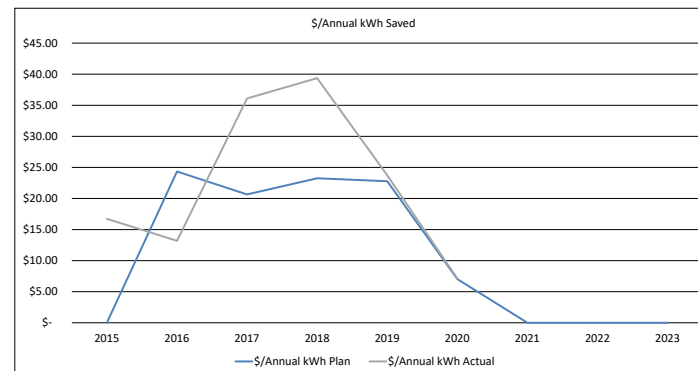
Energy Star Homes

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 60,800.00	\$ 85,000.00	\$ 136,000.00	\$ 207,100.00	\$ 421,351.15	\$ 874,689.22	\$ 874,689.22	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	26,098.44	28,722.49	40,277.27	47,700.96	168,486.15	-	-	-
	\$/Annual kWh Plan	\$ -	\$ 3.26	\$ 4.73	\$ 5.14	\$ 8.83	\$ 5.19	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 60,800.00	\$ 85,000.00	\$ 136,000.00	\$ 207,100.00	\$ 421,351.15	\$ 874,689.22	\$ 874,689.22	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	11.57	40.88	-	-	-
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ 36,404.46	\$ 21,395.73	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 60,800.00	\$ 85,000.00	\$ 136,000.00	\$ 207,100.00	\$ 421,351.15	\$ 874,689.22	\$ 874,689.22	\$ -	\$ -
	Total Annual MMBtu Plan	989.66	1,599.35	1,828.65	1,582.72	2,576.78	12,724.41	12,724.42	5,386.13	5,282.15
	\$/Annual MMBtu Plan	\$ 61.44	\$ 53.15	\$ 74.37	\$ 130.85	\$ 163.52	\$ 68.74	\$ 68.74	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 84,958.18	\$ 99,239.80	\$ 111,025.37	\$ 234,317.20	\$ 430,693.18	\$ 684,613.03			
	Annual Electric Savings Actual (kWh)	22,296.00	348,784.00	2,050.64	35,232.50	68,607.90	1,437.10			
	\$/Annual kWh Actual	\$ 3.81	\$ 0.28	\$ 54.14	\$ 6.65	\$ 6.28	\$ 476.39			
2)	Total Gas Spending (Actual)	\$ 84,958.18	\$ 99,239.80	\$ 111,025.37	\$ 234,317.20	\$ 430,693.18	\$ 684,613.03			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 84,958.18	\$ 99,239.80	\$ 111,025.37	\$ 234,317.20	\$ 430,693.18	\$ 684,613.03			
	Total Annual MMBtu Actual	1,419.50	937.50	2,103.50	2,384.90	3,952.99	9,395.20			
	\$/Annual MMBtu Actual	\$ 59.85	\$ 105.86	\$ 52.78	\$ 98.25	\$ 108.95	\$ 72.87			



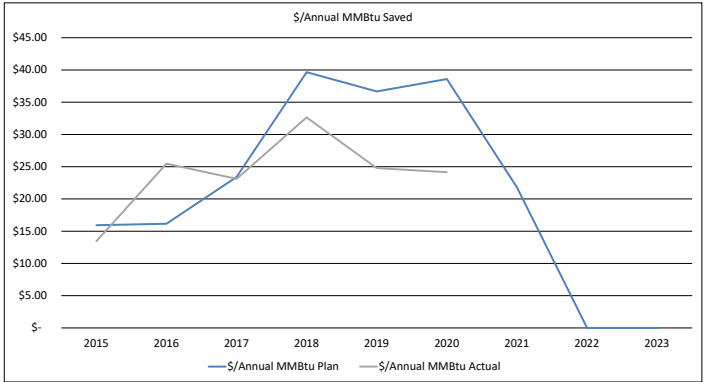
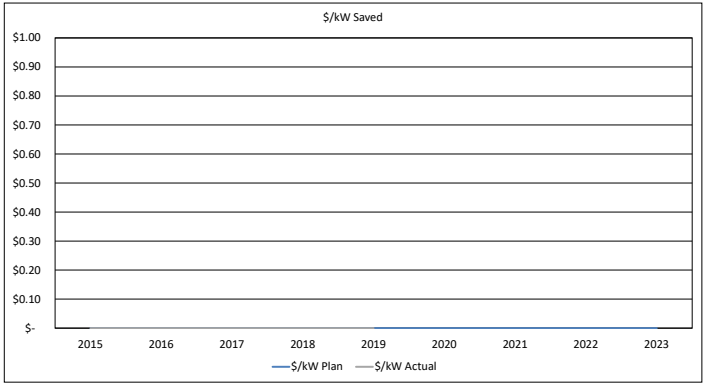
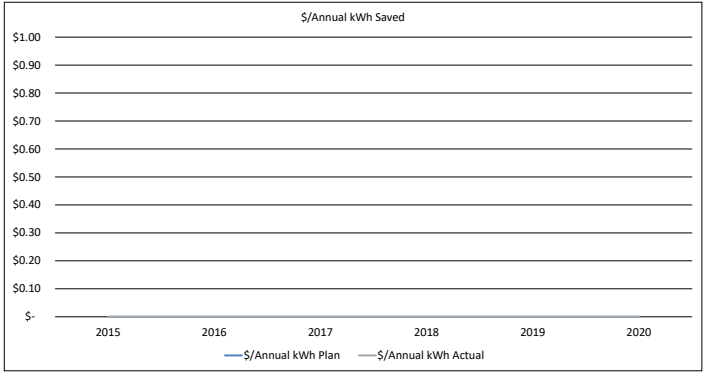
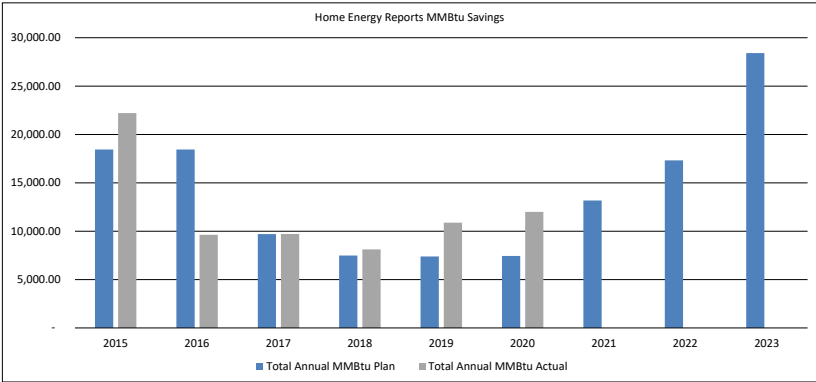
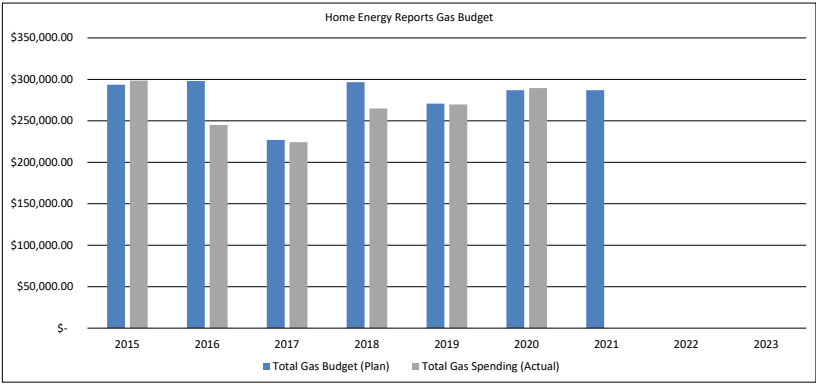
Energy Star Products

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 828,043.00	\$ 995,000.00	\$ 815,220.00	\$ 1,091,674.00	\$ 925,001.00	\$ 867,569.00	\$ 874,689.22	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	40,875.38	39,480.00	46,959.26	40,628.00	123,094.00	-	28,617.30	21,580.93
	\$/Annual kWh Plan	\$ -	\$ 24.34	\$ 20.65	\$ 23.25	\$ 22.77	\$ 7.05	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 828,043.00	\$ 995,000.00	\$ 815,220.00	\$ 1,091,674.00	\$ 925,001.00	\$ 867,569.00	\$ 874,689.22	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	-	-	-	0.14	0.54
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 828,043.00	\$ 995,000.00	\$ 815,220.00	\$ 1,091,674.00	\$ 925,001.00	\$ 867,569.00	\$ 874,689.22	\$ -	\$ -
	Total Annual MMBtu Plan	14,005.99	15,590.22	10,383.60	14,078.80	11,989.98	11,161.38	12,724.42	19,363.59	17,848.78
	\$/Annual MMBtu Plan	\$ 59.12	\$ 63.82	\$ 78.51	\$ 77.54	\$ 77.15	\$ 77.73	\$ 68.74	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 899,813.80	\$ 970,998.20	\$ 989,619.28	\$ 1,230,077.32	\$ 921,922.15	\$ 932,145.21			
	Annual Electric Savings Actual (kWh)	53,802.80	73,636.72	27,419.00	31,248.00	38,843.00	130,883.00			
	\$/Annual kWh Actual	\$ 16.72	\$ 13.19	\$ 36.09	\$ 39.36	\$ 23.73	\$ 7.12			
2)	Total Gas Spending (Actual)	\$ 899,813.80	\$ 970,998.20	\$ 989,619.28	\$ 1,230,077.32	\$ 921,922.15	\$ 932,145.21			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 899,813.80	\$ 970,998.20	\$ 989,619.28	\$ 1,230,077.32	\$ 921,922.15	\$ 932,145.21			
	Total Annual MMBtu Actual	17,351.10	16,657.70	11,845.70	35,151.30	17,650.50	11,668.54			
	\$/Annual MMBtu Actual	\$ 51.86	\$ 58.29	\$ 83.54	\$ 34.99	\$ 52.23	\$ 79.89			



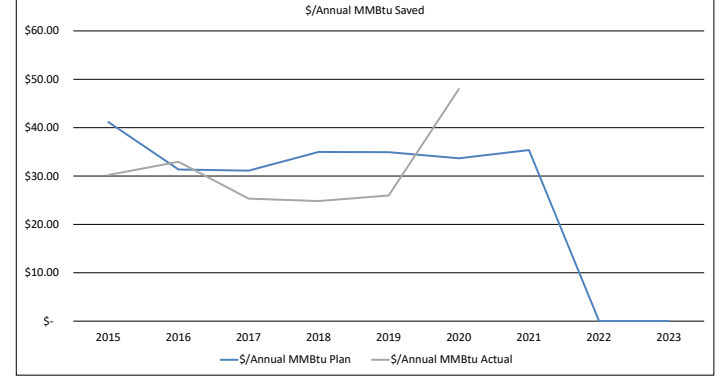
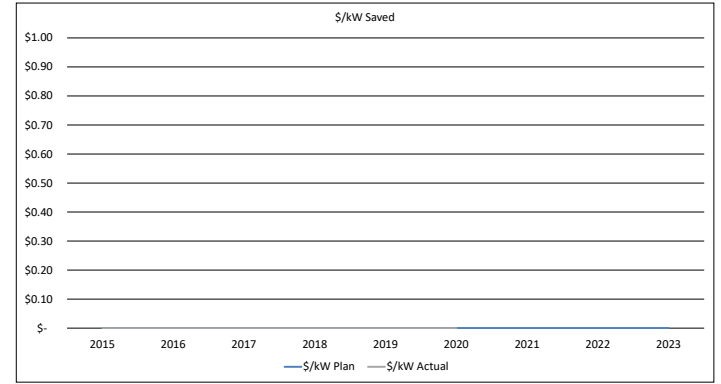
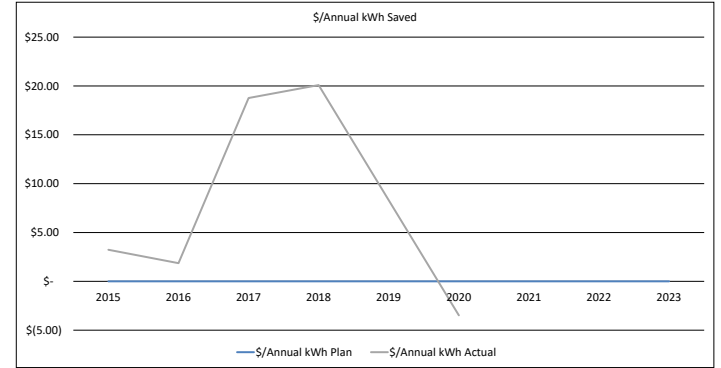
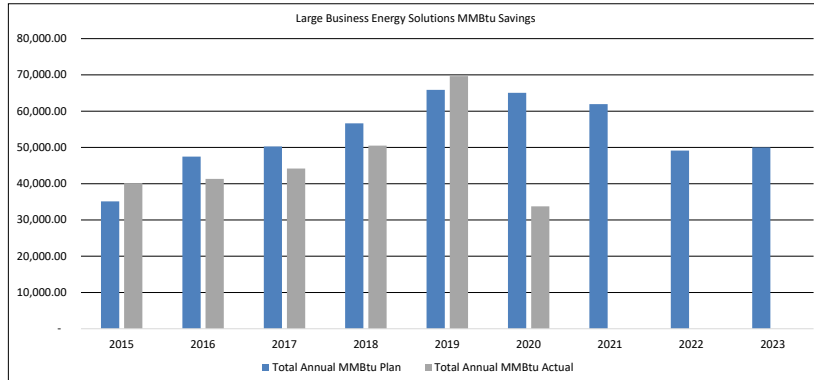
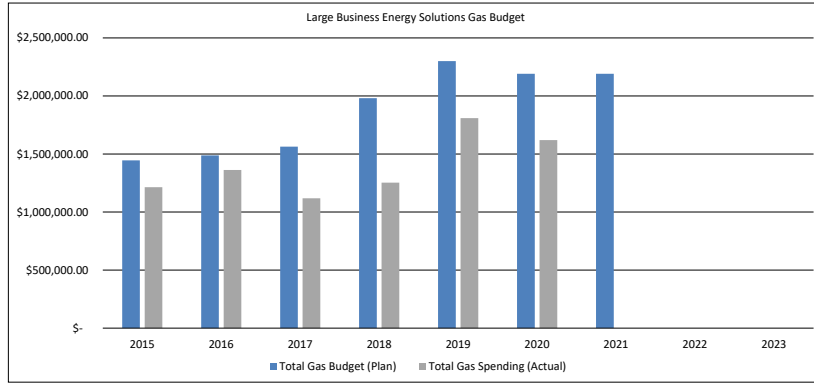
Residential Behavior

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 293,550.00	\$ 298,000.00	\$ 227,000.00	\$ 296,600.00	\$ 270,764.00	\$ 286,994.54	\$ 286,994.54	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	-	-	-	-	-	-	-	-
	\$/Annual kWh Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 293,550.00	\$ 298,000.00	\$ 227,000.00	\$ 296,600.00	\$ 270,764.00	\$ 286,994.54	\$ 286,994.54	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	-	-	-	-	-
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 293,550.00	\$ 298,000.00	\$ 227,000.00	\$ 296,600.00	\$ 270,764.00	\$ 286,994.54	\$ 286,994.54	\$ -	\$ -
	Total Annual MMBtu Plan	18,440.10	18,440.10	9,700.00	7,480.00	7,384.00	7,438.20	13,169.10	17,325.42	28,410.00
	\$/Annual MMBtu Plan	\$ 15.92	\$ 16.16	\$ 23.40	\$ 39.65	\$ 36.67	\$ 38.58	\$ 21.79	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 298,541.76	\$ 245,049.37	\$ 224,349.60	\$ 264,913.58	\$ 269,754.70	\$ 289,530.81			
	Annual Electric Savings Actual (kWh)	-	-	-	-	-	-			
	\$/Annual kWh Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
2)	Total Gas Spending (Actual)	\$ 298,541.76	\$ 245,049.37	\$ 224,349.60	\$ 264,913.58	\$ 269,754.70	\$ 289,530.81			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 298,541.76	\$ 245,049.37	\$ 224,349.60	\$ 264,913.58	\$ 269,754.70	\$ 289,530.81			
	Total Annual MMBtu Actual	22,213.10	9,622.40	9,708.30	8,115.51	10,883.50	11,994.00			
	\$/Annual MMBtu Actual	\$ 13.44	\$ 25.47	\$ 23.11	\$ 32.64	\$ 24.79	\$ 24.14			



Large Business Energy Solutions

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 1,445,300.00	\$ 1,488,000.00	\$ 1,563,100.00	\$ 1,981,418.00	\$ 2,300,303.00	\$ 2,190,676.00	\$ 2,190,676.00	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	-	-	-	-	-	-	-	-
	\$/Annual kWh Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 1,445,300.00	\$ 1,488,000.00	\$ 1,563,100.00	\$ 1,981,418.00	\$ 2,300,303.00	\$ 2,190,676.00	\$ 2,190,676.00	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	-	-	-	-	-
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 1,445,300.00	\$ 1,488,000.00	\$ 1,563,100.00	\$ 1,981,418.00	\$ 2,300,303.00	\$ 2,190,676.00	\$ 2,190,676.00	\$ -	\$ -
	Total Annual MMBtu Plan	35,112.28	47,470.90	50,253.00	56,640.57	65,862.90	65,052.48	61,934.92	49,140.01	49,999.11
	\$/Annual MMBtu Plan	\$ 41.16	\$ 31.35	\$ 31.10	\$ 34.98	\$ 34.93	\$ 33.68	\$ 35.37	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 1,213,707.03	\$ 1,362,062.88	\$ 1,118,669.97	\$ 1,253,657.27	\$ 1,808,918.19	\$ 1,619,656.35			
	Annual Electric Savings Actual (kWh)	376,025.00	730,766.77	59,599.14	62,399.00	217,971.00	(465,339.00)			
	\$/Annual kWh Actual	\$ 3.23	\$ 1.86	\$ 18.77	\$ 20.09	\$ 8.30	(3.48)			
2)	Total Gas Spending (Actual)	\$ 1,213,707.03	\$ 1,362,062.88	\$ 1,118,669.97	\$ 1,253,657.27	\$ 1,808,918.19	\$ 1,619,656.35			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	#DIV/0!	#DIV/0!			
3)	Total Gas Spending (Actual)	\$ 1,213,707.03	\$ 1,362,062.88	\$ 1,118,669.97	\$ 1,253,657.27	\$ 1,808,918.19	\$ 1,619,656.35			
	Total Annual MMBtu Actual	40,175.50	41,329.60	44,189.10	50,500.29	69,643.09	33,753.05			
	\$/Annual MMBtu Actual	\$ 30.21	\$ 32.96	\$ 25.32	\$ 24.82	\$ 25.97	\$ 47.99			



Small Business Energy Solutions

Planned		2015	2016	2017	2018	2019	2020	2021	2022	2023
1)	Total Gas Budget (Plan)	\$ 1,032,710.00	\$ 1,190,000.00	\$ 1,373,000.00	\$ 1,521,323.00	\$ 1,361,981.00	\$ 1,805,139.00	\$ 1,805,139.00	\$ -	\$ -
	Annual Electric Savings Plan (kWh)	-	2,352.00	1,344.00	-	-	2,520.00	-	-	-
	\$/Annual kWh Plan	\$ -	\$ 505.95	\$ 1,021.58	\$ -	\$ -	\$ 716.33	\$ -	\$ -	\$ -
2)	Total Gas Budget (Plan)	\$ 1,032,710.00	\$ 1,190,000.00	\$ 1,373,000.00	\$ 1,521,323.00	\$ 1,361,981.00	\$ 1,805,139.00	\$ 1,805,139.00	\$ -	\$ -
	Total summer peak kW Plan	-	-	-	-	-	-	-	-	-
	\$/kW Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3)	Total Gas Budget (Plan)	\$ 1,032,710.00	\$ 1,190,000.00	\$ 1,373,000.00	\$ 1,521,323.00	\$ 1,361,981.00	\$ 1,805,139.00	\$ 1,805,139.00	\$ -	\$ -
	Total Annual MMBtu Plan	19,194.68	17,647.10	38,717.41	34,789.57	31,804.20	30,789.02	24,124.94	22,845.16	23,080.56
	\$/Annual MMBtu Plan	\$ 53.80	\$ 67.43	\$ 35.46	\$ 43.73	\$ 42.82	\$ 58.63	\$ 74.82	\$ -	\$ -
Actuals		2015	2016	2017	2018	2019	2020			
1)	Total Gas Spending (Actual)	\$ 1,129,097.52	\$ 795,988.77	\$ 852,560.30	\$ 1,226,552.32	\$ 1,389,859.77	\$ 2,088,170.92			
	Annual Electric Savings Actual (kWh)	316,732.00	17,924.79	90,646.55	66,362.00	31,344.00	(2,083.00)			
	\$/Annual kWh Actual	\$ 3.56	\$ 44.41	\$ 9.41	\$ 18.48	\$ 44.34	\$ (1,002.48)			
2)	Total Gas Spending (Actual)	\$ 1,129,097.52	\$ 795,988.77	\$ 852,560.30	\$ 1,226,552.32	\$ 1,389,859.77	\$ 2,088,170.92			
	Total summer peak kW Actual	-	-	-	-	-	-			
	\$/kW Actual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
3)	Total Gas Spending (Actual)	\$ 1,129,097.52	\$ 795,988.77	\$ 852,560.30	\$ 1,226,552.32	\$ 1,389,859.77	\$ 2,088,170.92			
	Total Annual MMBtu Actual	39,916.08	20,731.54	25,814.51	28,935.00	28,467.30	59,114.44			
	\$/Annual MMBtu Actual	\$ 28.29	\$ 38.40	\$ 33.03	\$ 42.39	\$ 48.82	\$ 35.32			

