

Lookups and Assumptions

GENERAL INPUTS

<i>Fuel</i>	Electric
<i>PA</i>	Liberty
<i>Period</i>	Planned
<i>Year 1</i>	2024
<i>Year 2</i>	2025
<i>Year 3</i>	2026

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
T&D 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	%
C - Commercial & Industrial	%
B - Low-Income	\$
B - Low-Income NEI Year	Year \$

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

kWh Sales (2022)

Eversource Energy
Unitil Energy Systems Inc

Liberty
New Hampshire Electric Cooperative Inc
Statewide Total
2014 Kwh Sales

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
Home Energy Services
Hot Water
HVAC
Lighting
Process
Refrigeration
Food Service
Compressed Air
Motors/Drives
BHVAC

Sectors

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

ELECTRIC Programs

LOW INCOME

Home Energy Assistance

RESIDENTIAL

Energy Star Homes
Home Performance with Energy Star
Energy Star Products
Education
Home Energy Reports
Res Customer Engagement Platform
ISO-NE Forward Capacity Market Expenses
Building Practices and Demo
A5 - Residential Active Demand Response
Res Other 2
Res Other 3
Res Other 4

C&I

Large Business Energy Solutions
Small Business Energy Solutions
Municipal Energy Solutions
Smart Start
C&I Customer Partnerships
Energy Rewards RFP Program
C&I Customer Engagement Platform
Education
ISO Forward Capacity Market Expenses
C5 - C&I Active Demand Response
CIM Other 2
CIM Other 3
CIM Other 4

GAS Programs

LOW INCOME

Home Energy Assistance

RESIDENTIAL

Energy Star Homes
Home Performance with Energy Star
Energy Star Products
Res Education
Res Gas Financing
Home Energy Reports

C&I

Large Business Energy Solutions
Small Business Energy Solutions
Educations
C&I On Bill Financing
Building Practices and Demo

Subprogram

LOW INCOME

HEA (Weatherization)
HEA (HVAC Systems)

RESIDENTIAL

ES Homes

HPwES (Weatherization)
HPwES (HVAC Systems)
non-HPwES (Multi-Family WXn)
HPwES 3rd Party Financing (Loan buy-down)
HPwES Visual Audit
HPwES 3rd Party Financing (Mod. Income Loan buy-down)
ES Lighting
ES Appliances (White Goods)
ES Appliances (HVAC Systems)
ES Products 3rd Party Financing (Loan buy-down)
ES Products 3rd Party Financing (Mod. Income Loan buy-down)
ES Products Visual Audit
US: Home Energy Reports
US: RES CEP
Res FCM Expenses
Building Practices and Demo
A5a - Residential Active Demand Response
US: Res Other 2
US: Res Other 3
US: Res Other 4

C&I

LCI (All)
LCI (Retrofit)
LCI (New Equipment and Construction)
LCI (New Equipment)
SCI (All)
SCI (Direct Install)
SCI (Retrofit)
SCI (New Equipment and Construction)
Muni (All)
Muni (Direct Install)
Muni (Retrofit)
Muni (New Equipment and Construction)
Muni (Weatherization)
Muni (HVAC Systems)
US: Smart Start
US: Partnerships
US: RFP
US: C&I CEP
Education
CI FCM Expenses
C5a - C&I Active Demand Response
US: CIM Other 2
US: CIM Other 3
US: CIM Other 4



2024-2026	Source / Notes
2021	<i>Avoided Energy Supply Components in New England: 2021 Report</i> , May 2021 Release, Appendix B. Used to model 2024 program measures, and for illustrative purposes, 2025 and the final two years of the Plan will be modeled under the new study and ref
50.0%	Industry standard assumption.
8.0%	<i>AESC 2021</i> , May 2021 Release, Appendix B.
0.0%	No longer used to calculate avoided costs, <i>AESC 2021</i> , May 2021 Release.
0%	No DR has been bid into the FCM.
0.0%	No longer used to calculate avoided costs, <i>AESC 2021</i> , May 2021 Release.
9.0%	<i>AESC 2021</i> , May 2021 Release, Appendix B.
16.0%	<i>AESC 2021</i> , May 2021 Release, Appendix B.
2,000	Industry standard assumption.
0.00341	Industry standard assumption.
293.07	Industry standard assumption.



2024	2025	2026	Source / Notes
8.25%	8.25%	8.25%	Updated June 1, 2023. Based on <i>Efficiency Group Report</i> , (https://www.jpmorganchase.com/energy/efficiency/energy-efficiency-report-2023) https://www.jpmorganchase.com/energy/efficiency/energy-efficiency-report-2023
5.33%	5.33%	5.33%	Updated May 11, 2023. Based on <i>Efficiency Group Report</i> , (https://fred.stlouisfed.org/c) https://fred.stlouisfed.org/c
2.78%	2.78%	2.78%	Calculated: Real Discount Rate
\$84.00	\$84.00	\$84.00	<i>AESC 2021</i> , May 2021 Release.
2021			<i>AESC 2021</i> , May 2021 Release.
			\$0. At this time the NH Utility is not included in the benefit cost model.
\$79.98	\$79.98	\$79.98	
2017			
\$0.0079	\$0.0079	\$0.0079	Average of Manchester, NH
\$0.0079	\$0.0079	\$0.0079	Average of Manchester, NH
2016			

Eversource Factors	AESC 2018	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%	25.00%	
9.00%	25.00%	

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

Value	Source / Notes
25%	Approved in the 2022-23 NH Statewide Energy Efficiency Plan . Takes per
10%	Approved in the 2022-23 NH Statewide Energy Efficiency Plan . Takes per
\$405.71	Home Energy Assistance Program Evaluation Report (2016-2017) . Annu
2017	Home Energy Assistance Program Evaluation Report (2016-2017) .

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	\$8.07
0.14	100.00	11,954.59	\$6.85
0.13	100.00	11,954.59	\$7.97

s/co2_vol_mass.php

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Used to calculate percent of sales savings (based on 2022 sales)







2021 release (AESC 2021). For the 2024-2026 Plan, AESC 2021 is used for 2026 program measures. AESC 2024 is anticipated in Spring 2024, and filed in 2024.

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based on the June 2023 Prime Rate in accordance with the *Final Energy Order* dated July 6, 1999 in DR 96-150. Retrieved from [ges.com/about/our-business/historical-prime-rate](https://www.ges.com/about/our-business/historical-prime-rate)

based on the inflation rate from Q1 2022 to Q1 2023, Retrieved from [data/GDPDEF.txt](#)

$$\text{Rate} = \left[\frac{1 + \text{Nominal Discount Rate}}{1 + \text{Inflation Rate}} \right] - 1$$

please

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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.



percent of total energy benefit (excludes water) and adds to total benefits. Does not apply to the price of total energy benefit (excludes water) and adds to total benefits. Does not apply to the price per dollar value per weatherization project added to total benefits.



Nox Value (\$/MMBTU)	Total Value (\$/MMBTU)
\$0.55	\$6.38
\$0.78	\$8.84
\$0.85	\$7.70
\$0.78	\$8.75





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mary Granite State Test.

	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3											
4	Year	Sector (Dropdown)	Program (Dropdown)	Subprogram (Dropdown)	Program Planning & Administration	Customer Incentives	Implementation Services	Education and Marketing	EM&V	Performance Incentive	TOTAL PA COSTS
5	2024	A - Residential	A5 - Residential Active Demand Response	A5a - Residential Active Demand Response	\$ 6,523	\$ 66,100	\$ 73,007	\$ 6,068	\$ -		\$ 151,698
7	2024	C - Commercial & Industrial	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	\$ 10,965	\$ 211,650	\$ 22,185	\$ 10,200	\$ -		\$ 255,000
8	2025	A - Residential	A5 - Residential Active Demand Response	A5a - Residential Active Demand Response	\$ 6,007	\$ 64,300	\$ 55,053	\$ 5,223	\$ -		\$ 130,583
10	2025	C - Commercial & Industrial	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	\$ 17,480	\$ 314,260	\$ 33,060	\$ 15,200	\$ -		\$ 380,000
11	2026	A - Residential	A5 - Residential Active Demand Response	A5a - Residential Active Demand Response	\$ 6,897	\$ 77,100	\$ 56,872	\$ 5,870	\$ -		\$ 146,738
13	2026	C - Commercial & Industrial	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	\$ 25,380	\$ 446,040	\$ 46,980	\$ 21,600	\$ -		\$ 540,000

Administrator: Liberty
Program Year: 2024

Measure	Measure ID
Direct Load Control Targeted Dispatch Upfront/Annual Incentive Summer Behavior DR Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter EV Load Management Summer EV Load Management Winter	E21A5a001 E21A5a002 E21A5a003
Load Curtailment Targeted Dispatch P4P Summer Load Curtailment Targeted Dispatch P4P Winter Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Summer Storage Targeted Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter Custom	E21C5a001 E21C5a002 E21C5a003 E21C5a004 E21C5a005

Energy Savings						
Non Electric Realization Rate	Gross Annual kWh Saved	LS_ID (Dropdown)	Winter Peak Energy %	Winter Off-Peak Energy %	Summer Peak Energy %	Summer Off-Peak Energy %
100%	0.00	Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Winter Peak	100%	0%	0%	0%
100%		-	Summer Peak	0%	0%	100%
100%	Winter Peak		100%	0%	0%	0%
100%	Summer Peak		0%	0%	100%	0%
100%	Summer Charging		0%	0%	0%	100%
100%	Winter Peak		100%	0%	0%	0%
100%	Winter Charging		0%	100%	0%	0%
100%	Summer Peak		0%	0%	100%	0%
100%	Summer Charging		0%	0%	0%	100%
100%	Summer Peak		0%	0%	100%	0%
100%	Summer Charging		0%	0%	0%	100%
100%	Winter Peak		100%	0%	0%	0%
100%	Winter Charging		0%	100%	0%	0%
100%	Summer Peak		0%	0%	100%	0%

Capacity Savings					Energy Strategy
Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)	
0.75	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
0.00	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
98.33	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
100%	0%	100%	100%	Top 20 All Hours	

Checks

Bid into FCM	Total for Three Years	Limited Demand Response Scaling Factor
No	No	10%
No	No	10%
No	Yes	100%
No	Yes	100%
No	Yes	100%
No	Yes	100%
No	No	100%
No	No	100%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%

Savings

Costs

Administrator: Liberty
Program Year: 2025

Measure	Measure ID
Direct Load Control Targeted Dispatch Upfront/Annual Incentive Summer Behavior DR Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter EV Load Management Summer EV Load Management Winter	E21A5a001 E21A5a002 E21A5a003
Load Curtailment Targeted Dispatch P4P Summer Load Curtailment Targeted Dispatch P4P Winter Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Summer Storage Targeted Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter Custom	E21C5a001 E21C5a002 E21C5a003 E21C5a004 E21C5a005

Energy Savings						
Non Electric Realization Rate	Gross Annual kWh Saved	LS_ID (Dropdown)	Winter Peak Energy %	Winter Off-Peak Energy %	Summer Peak Energy %	Summer Off-Peak Energy %
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Winter Peak	100%	0%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%

Capacity Savings					Energy Strategy
Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)	
0.75	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
0.00	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
98.33	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
100%	0%	100%	100%	Top 20 All Hours	

Checks

Bid into FCM	Total for Three Years	Limited Demand Response Scaling Factor
No	No	10%
No	No	10%
No	Yes	100%
No	Yes	100%
No	Yes	100%
No	Yes	100%
No	No	100%
No	No	100%
No	No	10%
No	No	10%
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No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%
No	No	10%

Savings

Costs

Administrator: Liberty
Program Year: 2026

Measure	Measure ID
Direct Load Control Targeted Dispatch Upfront/Annual Incentive Summer Behavior DR Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter EV Load Management Summer EV Load Management Winter	E21A5a001 E21A5a002 E21A5a003
Load Curtailment Targeted Dispatch P4P Summer Load Curtailment Targeted Dispatch P4P Winter Storage Daily Dispatch Upfront Incentive (savings) Summer Storage Daily Dispatch Upfront Incentive (consumption) Summer Storage Daily Dispatch Upfront Incentive (savings) Winter Storage Daily Dispatch Upfront Incentive (consumption) Winter Storage Daily Dispatch P4P (savings) Summer Storage Daily Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Summer Storage Targeted Dispatch P4P (consumption) Summer Storage Targeted Dispatch P4P (savings) Winter Storage Targeted Dispatch P4P (consumption) Winter Custom	E21C5a001 E21C5a002 E21C5a003 E21C5a004 E21C5a005

Energy Savings						
Non Electric Realization Rate	Gross Annual kWh Saved	LS_ID (Dropdown)	Winter Peak Energy %	Winter Off-Peak Energy %	Summer Peak Energy %	Summer Off-Peak Energy %
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Winter Peak	100%	0%	0%	0%
100%		Summer Peak	0%	0%	100%	0%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%	-	Summer Peak	0%	0%	100%	0%
100%	-	Summer Charging	0%	0%	0%	100%
100%		Winter Peak	100%	0%	0%	0%
100%		Winter Charging	0%	100%	0%	0%
100%		Summer Peak	0%	0%	100%	0%

Capacity Savings					Energy Strategy
Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)	
0.75	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Top 20 All Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
0.00	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
98.33	100%	0%	100%	100%	Top 20 All Hours
	0%	100%	0%	0%	Top 20 Winter Hours
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
	100%	0%	100%	100%	Summer Daily Discharge
	0%	0%	0%	0%	Summer Daily Charge
	100%	0%	100%	100%	Top 20 All Hours
	0%	0%	0%	0%	Summer Targeted Charge
	0%	100%	0%	0%	Top 20 Winter Hours
	0%	0%	0%	0%	Winter Targeted Charge
100%	0%	100%	100%	Top 20 All Hours	

Year 2024

Subcat	Program	Subprogram	Measures	Measure ID	End Use	Quantity	Measure Life	Costs			Energy Savings										Performance Metrics										
								TRC (Total)	Incentive (Total)	Customer Cost (Total)	Gross Annual MWh Savings	Adjusted Gross Annual MWh Savings	Gross Lifetime MWh Savings	Adjusted Gross Lifetime MWh Savings	Net Annual MWh Savings	Net Lifetime MWh Savings	Winter Peak Energy MWh Net Uptime	Winter Off-Peak Energy MWh Net Uptime	Summer Peak Energy MWh Net Uptime	Summer Off-Peak Energy MWh Net Uptime	Max Net kW	Annual Adjusted Gross Winter kW	Annual Net Winter kW	Annual Adjusted Gross Summer kW	Annual Net Summer kW	Winter Peak Energy Benefits (\$)					
A - Residential	AS - Residential Actv	AS - Residential Active D	Direct Load Control Targeted Dispatch Uplift/Annual Incentive Summer	E21ASu001	Behavior	800	1	\$ 40,000	\$ 40,000	\$ -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	600.000	0.000	0.000	0.000	600.000	600.000		
A - Residential	AS - Residential Actv	AS - Residential Active D	Behavior DR	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Daily Dispatch Uplift Incentive (savings) Summer	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Daily Dispatch Uplift Incentive (consumption) Summer	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Daily Dispatch Uplift Incentive (savings) Winter	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Daily Dispatch Uplift Incentive (consumption) Winter	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Daily Dispatch PAP (savings) Summer	E21ASu002	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Targeted Dispatch PAP (savings) Winter	E21ASu003	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	Storage Targeted Dispatch PAP (consumption) Winter	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	EV Load Management Summer	0	Behavior																										
A - Residential	AS - Residential Actv	AS - Residential Active D	EV Load Management Winter	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Direct Load Control Targeted Dispatch Uplift/Annual Incentive Summer	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Behavior DR	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Daily Dispatch Uplift Incentive (savings) Summer	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Daily Dispatch Uplift Incentive (consumption) Summer	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Daily Dispatch Uplift Incentive (savings) Winter	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Daily Dispatch Uplift Incentive (consumption) Winter	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Daily Dispatch PAP (savings) Summer	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Targeted Dispatch PAP (savings) Winter	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	Storage Targeted Dispatch PAP (consumption) Winter	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	EV Load Management Summer	0	Behavior																										
B - Low-Inc	Home Energy Assist	Res Demand Response	EV Load Management Winter	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Load Curtailment Targeted Dispatch PAP Summer	E21CSu001	Behavior	34	1	\$ 202,300	\$ 202,300	\$ -	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3,343.220	0.000	0.000	3,343.220	3,343.220	3,343.220			
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Load Curtailment Targeted Dispatch PAP Winter	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch Uplift Incentive (savings) Summer	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch Uplift Incentive (consumption) Summer	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch Uplift Incentive (savings) Winter	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch Uplift Incentive (consumption) Winter	0	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch PAP (savings) Summer	E21CSu002	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Daily Dispatch PAP (consumption) Summer	E21CSu003	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Targeted Dispatch PAP (savings) Summer	E21CSu004	Behavior																										
C - Commercial	CS - C&I Active Dem	C&I Active Demand	Storage Targeted Dispatch PAP (consumption) Summer	E21CSu005	Behavior																										

ID	Project	Description	Status	Start	End	Budget	Actual	Variance	Forecast	Risk	Priority	Financials				Operational				Human Resources				Information Technology				Overall										
												Allocated	Spent	Remaining	Committed	Planned	Actual	Forecast	Planned	Actual	Forecast	Planned	Actual	Forecast	Planned	Actual	Forecast		Planned	Actual	Forecast							
1	Project A	Task A.1	Completed	2023-01-01	2023-01-31	10000	10000	0	10000	Low	High	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
2	Project A	Task A.2	In Progress	2023-02-01	2023-02-28	10000	5000	5000	10000	Medium	Medium	10000	5000	5000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
3	Project A	Task A.3	Planned	2023-03-01	2023-03-31	10000	0	10000	10000	Low	Low	10000	0	10000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
4	Project B	Task B.1	Completed	2023-04-01	2023-04-30	10000	10000	0	10000	Low	High	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
5	Project B	Task B.2	In Progress	2023-05-01	2023-05-31	10000	7000	3000	10000	Medium	Medium	10000	7000	3000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
6	Project B	Task B.3	Planned	2023-06-01	2023-06-30	10000	0	10000	10000	Low	Low	10000	0	10000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
7	Project C	Task C.1	Completed	2023-07-01	2023-07-31	10000	10000	0	10000	Low	High	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
8	Project C	Task C.2	In Progress	2023-08-01	2023-08-31	10000	6000	4000	10000	Medium	Medium	10000	6000	4000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
9	Project C	Task C.3	Planned	2023-09-01	2023-09-30	10000	0	10000	10000	Low	Low	10000	0	10000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
10	Project D	Task D.1	Completed	2023-10-01	2023-10-31	10000	10000	0	10000	Low	High	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
11	Project D	Task D.2	In Progress	2023-11-01	2023-11-30	10000	8000	2000	10000	Medium	Medium	10000	8000	2000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0
12	Project D	Task D.3	Planned	2023-12-01	2023-12-31	10000	0	10000	10000	Low	Low	10000	0	10000	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0	10000	10000	0

Distribution Company	Program Administrator	Year	Reporting Period	Sector	Program (Dropdown)	Subprogram (Dropdown)	Program					Total Program Costs	Total Program Costs (2024\$)
							Planning & Administration	Customer Incentives	Implementation Services	Education and Marketing	EM&V		
Electric	Liberty	2024	Planned	A - Residential	A5 - Residential Active Demand Response	\$ 6,523	\$ 66,100	\$ 73,007	\$ 6,068	\$ -	\$ 151,698	\$ 151,698	
Electric	Liberty	2024	Planned	B - Low-Income	Home Energy Assistance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Liberty	2024	Planned	C - Commercial & Industrial	C5 - C&I Active Demand Response	\$ 10,965	\$ 211,650	\$ 22,185	\$ 10,200	\$ -	\$ 255,000	\$ 255,000	
Electric	Liberty	2025	Planned	A - Residential	A5 - Residential Active Demand Response	\$ 6,007	\$ 64,300	\$ 55,053	\$ 5,223	\$ -	\$ 130,583	\$ 120,631	
Electric	Liberty	2025	Planned	B - Low-Income	Home Energy Assistance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Liberty	2025	Planned	C - Commercial & Industrial	C5 - C&I Active Demand Response	\$ 17,480	\$ 314,260	\$ 33,060	\$ 15,200	\$ -	\$ 380,000	\$ 351,039	
Electric	Liberty	2026	Planned	A - Residential	A5 - Residential Active Demand Response	\$ 6,897	\$ 77,100	\$ 56,872	\$ 5,870	\$ -	\$ 146,738	\$ 125,224	
Electric	Liberty	2026	Planned	B - Low-Income	Home Energy Assistance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Liberty	2026	Planned	C - Commercial & Industrial	C5 - C&I Active Demand Response	\$ 25,380	\$ 446,040	\$ 46,980	\$ 21,600	\$ -	\$ 540,000	\$ 460,827	

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

Performance Incentive	Performance Incentive (2024\$)	Participant Costs	Participant Costs (2024\$)	Total Resource Costs	Total Resource Costs (2024\$)	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)	Net Annual Natural Gas (MMBTU)	Adj Gross Annual Natural Gas (MMBTU)
\$ -	\$ -	\$ -	\$ -	\$ 151,698	\$ 151,698		-	600.00	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ 255,000	\$ 255,000		-	3,343.22	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ 130,583	\$ 120,631		-	900.00	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ 380,000	\$ 351,039		-	5,014.83	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ 146,738	\$ 125,224		-	1,125.00	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ 540,000	\$ 460,827		-	7,522.25	-	-	-	-	-	-

	K:K Customer Cost (Total)						X:X Annual Net Winter kW	Z:Z Annual Net Summer kW	P:P Net Annual MWh Savings	M:M Adjusted Gross Annual MWh Savings	Q:Q Net Lifetime MWh Savings	O:O Adjusted Gross Lifetime MWh Savings	AC:AC Net Annual Gas Savings (MMBTU)	AA:AA Adj. Gross Annual Gas Savings (MMBTU)
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Net Annual Natural Gas (Therms)	Adj Gross Annual Natural Gas (Therms)	Net Lifetime Natural Gas (Therms)	Adj Gross Lifetime Natural Gas (Therms)	Net Annual Oil (MMBTU)	Adj Gross Annual Oil (MMBTU)	Net Lifetime Oil (MMBTU)	Adj Gross Lifetime Oil (MMBTU)	Net Annual Propane (MMBTU)	Adj Gross Annual Propane (MMBTU)	Lifetime Propane (MMBTU)	Adj Gross Lifetime Propane (MMBTU)	Net Annual Kerosene (MMBTU)	Adj Gross Annual Kerosene (MMBTU)	Net Lifetime Kerosene (MMBTU)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AD:AD Net Lifetime Gas Savings (MMBTU)	AB:AB Adj. Gross Lifetime Gas Savings (MMBTU)	AG:AG Net Annual Oil Savings (MMBTU)	AE:AE Adj Gross Annual Oil Savings (MMBTU)	AH:AH Net Lifetime Oil Savings (MMBTU)	AF:AF Adj Gross Lifetime Oil Savings (MMBTU)	AK:AK Net Annual Propane Savings (MMBTU)	AI:AI Adj Gross Annual Propane Savings (MMBTU)	AL:AL Net Lifetime Propane Savings (MMBTU)	AJ:AJ Adj Gross Lifetime Propane Savings (MMBTU)	AO:AO Net Annual Kerosene Savings (MMBTU)	AM:AM Adj Gross Annual Kerosene Savings (MMBTU)	AP:AP Net Lifetime Kerosene Savings (MMBTU)

Multiplied by 10 Multiplied by 10

Adj Gross Lifetime Kerosene (MMBTU)	Net Annual Cord Wood (MMBTU)	Adj Gross Annual Cord Wood (MMBTU)	Net Lifetime Cord Wood (MMBTU)	Adj Gross Lifetime Cord Wood (MMBTU)	Net Annual Wood Pellet (MMBTU)	Adj Gross Annual Wood Pellet (MMBTU)	Net Lifetime Wood Pellet (MMBTU)	Adj Gross Lifetime Wood Pellet (MMBTU)	Total Net Annual MMBTU	Total Net Lifetime MMBTU	Annual Water (Gallons)	Lifetime Water (Gallons)	Winter Peak Energy Benefits (\$)	Winter Off-Peak Energy Benefits (\$)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AN:AN Adj Gross Lifetime Kerosene Savings (MMBTU)	AS:AS Net Annual Cord Wood Savings (MMBTU)	AQ:AQ Adj Gross Annual Cord Wood Savings (MMBTU)	AT:AT Net Lifetime Cord Wood Savings (MMBTU)	AR:AR Adj Gross Lifetime Cord Wood Savings (MMBTU)	AW:AW Net Annual Wood Pellet Savings (MMBTU)	AU:AU Adj Gross Annual Wood Pellet Savings (MMBTU)	AX:AX Net Lifetime Wood Pellet Savings (MMBTU)	AV:AV Adj Gross Lifetime Wood Pellet Savings (MMBTU)	AY:AY Total Net Annual MMBTU	AZ:AZ Total Net Lifetime MMBTU	BA:BA Net Annual Res Water Savings Gallons	BB:BB Net Annual C&I Water Savings Gallons	BC:BC Net Lifetime Water Savings Gallons	BD:BD Winter Peak Energy Benefits (\$)	BE:BE Winter Off-Peak Energy Benefits (\$)

Res + C&I

Summer Peak Energy Benefits (\$)	Summer Off-Peak Energy Benefits (\$)	Energy Benefits	DRIPE Energy Benefits	Total Energy Benefits	Summer Capacity Benefits	Winter Capacity Benefits	DRIPE Capacity Benefits	Reliability Benefits	Pooled Transmission Facilities (PTF) Benefits	Transmission Capacity Benefits	Distribution Capacity Benefits	Total Capacity Benefits	Natural Gas Benefits
-	-	-	-	\$ -	3,946.59	-	1,713.47	-	58,087.84	-	68,067.79	\$ 131,816	-
-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	\$ -	21,990.52	-	9,547.49	-	323,667.40	-	379,276.02	\$ 734,481	-
-	-	-	-	\$ -	6,249.94	-	2,675.31	-	89,292.80	-	104,634.00	\$ 202,852	-
-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	\$ -	34,824.85	-	14,906.91	-	497,542.44	-	583,024.16	\$ 1,130,298	-
-	-	-	-	\$ -	8,006.18	-	3,427.08	-	114,384.28	-	134,036.40	\$ 259,854	-
-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	\$ -	53,532.86	-	22,914.95	-	764,823.63	-	896,226.37	\$ 1,737,498	-

BF:BF Summer Peak Energy Benefits (\$)	BG:BG Summer Off-Peak Energy Benefits (\$)	BH:BH Total Avoided Energy Benefits (\$)	BN:BN Total Energy DRIPE Benefits (\$)	BP:BP Summer Generation Benefits (\$)	BQ:BQ Winter Generation (\$)	BR:BR Electric Capacity DRIPE (\$)	BS:BS Reliability (\$)	BT:BT PTF Benefits (\$)	BU:BU Transmission Benefits (\$)	BV:BV Distribution Benefits (\$)	CF:CF Total Avoided Gas Benefits (\$)
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Natural Gas DRIPE Benefits	Total Gas Benefits	Oil Benefits	Oil DRIPE Benefits	Kerosene Benefits	Propane Benefits	Cord Wood Benefits	Wood Pellet Benefits	Water Benefits	Total Other Resource Benefits	Total Resource Benefits	Fossil Emissions	Total Non Energy Impacts	Total Avoided Environmental Benefits
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 131,816	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 734,481	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 202,852	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 1,130,298	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 259,854	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 1,737,498	-	-	-

CO:CO Total Gas DRIPE	CQ:CQ Fuel Oil - Residential Distillate	CT:CT Oil DRIPE	CU:CU Kerosene	CV:CV Propane	CW:CW Cord Wood	CX:CX Pellet Wood	CY:CY Res Water	CZ:CZ C&I Water	DC:DC Fossil Emissions (oil, gas, propane, kerosene)	DE:DE Total Non- Resource Benefits	DJ:DJ Total Avoided Environmental Benefits
	CR:CR Fuel Oil - Com Fuel								DD:DD Fossil Emissions Based on RGGI		
	CS:CS Fuel Oil - Industrial										
	Res + C&I						Res + C&I	Gas not included		Not Included in total benefits	

Total Benefits (Legacy NH TRC)	Total Benefits (Granite State Test)	Total Benefits (Utility Cost Test)	Total Benefits (Secondary GST)	Total Electric DRIPE	Total Gas DRIPE	Other fuels benefit (all except gas)	Key
\$ 131,816	\$ 131,816	\$ 131,816	\$ 131,816	\$ 1,713	\$ -	\$ -	'CalcsYr1!'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr1!'
\$ 734,481	\$ 734,481	\$ 734,481	\$ 734,481	\$ 9,547	\$ -	\$ -	'CalcsYr1!'
\$ 202,852	\$ 202,852	\$ 202,852	\$ 202,852	\$ 2,675	\$ -	\$ -	'CalcsYr2!'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr2!'
\$ 1,130,298	\$ 1,130,298	\$ 1,130,298	\$ 1,130,298	\$ 14,907	\$ -	\$ -	'CalcsYr2!'
\$ 259,854	\$ 259,854	\$ 259,854	\$ 259,854	\$ 3,427	\$ -	\$ -	'CalcsYr3!'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr3!'
\$ 1,737,498	\$ 1,737,498	\$ 1,737,498	\$ 1,737,498	\$ 22,915	\$ -	\$ -	'CalcsYr3!'

Water not included

Availed Costs

Category	Sub-Category	Item	Value	Unit	Notes
Electricity	Transmission	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	
Electricity	Distribution	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	
Electricity	Generation	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	

Availed Electricity Costs from AESC

Category	Sub-Category	Item	Value	Unit	Notes
Electricity	Transmission	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	
Electricity	Distribution	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	
Electricity	Generation	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	

Availed Natural Gas Costs from AESC

Category	Sub-Category	Item	Value	Unit	Notes
Natural Gas	Transmission	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	

Availed Other Fuel Costs from AESC

Category	Sub-Category	Item	Value	Unit	Notes
Other Fuels	Transmission	Line 1	1000000	\$/hr	
		Line 2	1000000	\$/hr	
		Line 3	1000000	\$/hr	
		Line 4	1000000	\$/hr	
		Line 5	1000000	\$/hr	
		Line 6	1000000	\$/hr	
		Line 7	1000000	\$/hr	
		Line 8	1000000	\$/hr	
		Line 9	1000000	\$/hr	
		Line 10	1000000	\$/hr	

1 New Hampshire LS_ID	2 Winter OnPeak	3 Winter OffPeak	4 Summer OnPeak	5 Summer OffPeak	6 Winter Demand Factor
Total Energy %					
Summer Peak	0%	0%	100%	0%	
Summer Charging	0%	0%	0%	100%	
Winter Peak	100%	0%	0%	0%	
Winter Charging	0%	100%	0%	0%	

7		8		9		10	
Demand Factor							
Summer Demand Factor	Max Demand Factor	Summer CF	Winter CF				
		100%	0%				
		0%	0%				
		0%	100%				
		0%	0%				





2021 AESC, Appendix J

2024					
Year Start	Program Duration (Measure Life)				
	1	2	3	4	5
<i>Wholesale Uncleared Capacity Avoided Co</i>					
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
2024	N	-	-	-	-
2025	N+1	-	-	-	-
2026	N+2	-	-	-	-
2027	N+3	-	-	-	-
2028	N+4	-	-	-	-
2029	N+5	14.74	14.74	14.74	14.74
2030	N+6	9.35	23.39	23.39	23.39
2031	N+7	10.05	20.10	35.17	35.17
2032	N+8	10.68	21.35	32.03	48.04
2033	N+9	5.28	15.85	26.42	36.98
2034	N+10	-	6.39	19.17	31.95
2035	N+11	-	-	5.01	15.02
2036	N+12	-	-	-	5.16
2037	N+13	-	-	-	-
2038	N+14	-	-	-	5.32
2039	N+15	-	-	-	-
2040	N+16	-	-	-	-
2041	N+17	-	-	-	-
2042	N+18	-	-	-	-
2043	N+19	-	-	-	-
2044	N+20	-	-	-	-
2045	N+21	-	-	-	-
2046	N+22	-	-	-	-
2047	N+23	-	-	-	-
2048	N+24	-	-	-	-
2049	N+25	-	-	-	-
2050	N+26	-	-	-	-
Total for Benefits	34.98	70.04	105.77	140.90	174.94

		Wholesale Net Uncleared Capacity DRIPE,				
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024	N	-	-	-	-	-
2025	N+1	-	-	-	-	-
2026	N+2	-	-	-	-	-
2027	N+3	-	-	-	-	-
2028	N+4	-	-	-	-	-
2029	N+5	9.72	9.72	9.72	9.72	9.72
2030	N+6	4.90	14.77	14.77	14.77	14.77
2031	N+7	3.94	8.93	18.96	18.96	18.96
2032	N+8	2.81	6.80	11.84	21.98	21.98
2033	N+9	-	1.10	5.18	10.32	20.68
2034	N+10	-	-	-	-	93.60
2035	N+11	-	-	-	-	-
2036	N+12	-	-	-	-	-
2037	N+13	-	-	-	-	-
2038	N+14	-	-	-	-	-
2039	N+15	-	-	-	-	-
2040	N+16	-	-	-	-	-
2041	N+17	-	-	-	-	-
2042	N+18	-	-	-	-	-
2043	N+19	-	-	-	-	-
2044	N+20	-	-	-	-	-
2045	N+21	-	-	-	-	-
2046	N+22	-	-	-	-	-
2047	N+23	-	-	-	-	-
2048	N+24	-	-	-	-	-
2049	N+25	-	-	-	-	-
2050	N+26	-	-	-	-	-
Total for Benefits		15.19	29.04	42.02	52.21	118.55

2025						
		Wholesale Uncleared Capacity Avoided Co				
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-

2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025	N	-	-	-	-	-
2026	N+1	-	-	-	-	-
2027	N+2	-	-	-	-	-
2028	N+3	-	-	-	-	-
2029	N+4	-	-	-	-	-
2030	N+5	14.03	14.03	14.03	14.03	14.03
2031	N+6	10.05	25.12	25.12	25.12	25.12
2032	N+7	10.68	21.35	37.36	37.36	37.36
2033	N+8	10.57	21.13	31.70	47.55	47.55
2034	N+9	6.39	19.17	31.95	44.73	63.90
2035	N+10	-	5.01	15.02	25.03	35.04
2036	N+11	-	-	5.16	15.49	25.81
2037	N+12	-	-	-	5.32	15.97
2038	N+13	-	-	-	-	5.49
2039	N+14	-	-	-	-	-
2040	N+15	-	-	-	-	-
2041	N+16	-	-	-	-	-
2042	N+17	-	-	-	-	-
2043	N+18	-	-	-	-	-
2044	N+19	-	-	-	-	-
2045	N+20	-	-	-	-	-
2046	N+21	-	-	-	-	-
2047	N+22	-	-	-	-	-
2048	N+23	-	-	-	-	-
2049	N+24	-	-	-	-	-
2050	N+25	-	-	-	-	-
Total for Benefits		35.06	70.80	105.92	139.96	173.96

		<i>Wholesale Net Uncleared Capacity DRIPE,</i>				
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025	N	-	-	-	-	-
2026	N+1	-	-	-	-	-
2027	N+2	-	-	-	-	-
2028	N+3	-	-	-	-	-
2029	N+4	-	-	-	-	-
2030	N+5	9.87	9.87	9.87	9.87	9.87
2031	N+6	4.98	15.01	15.01	15.01	15.01

2032	N+7	3.99	9.03	19.17	19.17	19.17
2033	N+8	2.87	6.94	12.08	22.44	22.44
2034	N+9	-	22.35	104.77	208.84	418.39
2035	N+10	-	-	-	-	4.80
2036	N+11	-	-	-	-	-
2037	N+12	-	-	-	-	-
2038	N+13	-	-	-	-	-
2039	N+14	-	-	-	-	-
2040	N+15	-	-	-	-	-
2041	N+16	-	-	-	-	-
2042	N+17	-	-	-	-	-
2043	N+18	-	-	-	-	-
2044	N+19	-	-	-	-	-
2045	N+20	-	-	-	-	-
2046	N+21	-	-	-	-	-
2047	N+22	-	-	-	-	-
2048	N+23	-	-	-	-	-
2049	N+24	-	-	-	-	-
2050	N+25	-	-	-	-	-
Total for Benefits		15.01	42.21	104.85	177.86	314.19

2026						
		<i>Wholesale Uncleared Capacity Avoided Co</i>				
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026	N	-	-	-	-	-
2027	N+1	-	-	-	-	-
2028	N+2	-	-	-	-	-
2029	N+3	-	-	-	-	-
2030	N+4	-	-	-	-	-
2031	N+5	14.03	14.03	14.03	14.03	14.03
2032	N+6	10.05	25.12	25.12	25.12	25.12
2033	N+7	10.68	21.35	37.36	37.36	37.36
2034	N+8	10.57	21.13	31.70	47.55	47.55
2035	N+9	6.39	19.17	31.95	44.73	63.90
2036	N+10	-	5.01	15.02	25.03	35.04
2037	N+11	-	-	5.16	15.49	25.81

2038	N+12	-	-	-	5.32	15.97
2039	N+13	-	-	-	-	5.49
2040	N+14	-	-	-	-	-
2041	N+15	-	-	-	-	-
2042	N+16	-	-	-	-	-
2043	N+17	-	-	-	-	-
2044	N+18	-	-	-	-	-
2045	N+19	-	-	-	-	-
2046	N+20	-	-	-	-	-
2047	N+21	-	-	-	-	-
2048	N+22	-	-	-	-	-
2049	N+23	-	-	-	-	-
2050	N+24	-	-	-	-	-
Total for Benefits		34.11	68.88	103.06	136.18	169.26

		<i>Wholesale Net Uncleared Capacity DRIPE,</i>				
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026	N	-	-	-	-	-
2027	N+1	-	-	-	-	-
2028	N+2	-	-	-	-	-
2029	N+3	-	-	-	-	-
2030	N+4	-	-	-	-	-
2031	N+5	9.87	9.87	9.87	9.87	9.87
2032	N+6	4.98	15.01	15.01	15.01	15.01
2033	N+7	3.99	9.03	19.17	19.17	19.17
2034	N+8	2.87	6.94	12.08	22.44	22.44
2035	N+9	-	22.35	104.77	208.84	418.39
2036	N+10	-	-	-	-	4.80
2037	N+11	-	-	-	-	-
2038	N+12	-	-	-	-	-
2039	N+13	-	-	-	-	-
2040	N+14	-	-	-	-	-
2041	N+15	-	-	-	-	-
2042	N+16	-	-	-	-	-
2043	N+17	-	-	-	-	-
2044	N+18	-	-	-	-	-
2045	N+19	-	-	-	-	-
2046	N+20	-	-	-	-	-
2047	N+21	-	-	-	-	-

2048	N+22	-	-	-	-	-
2049	N+23	-	-	-	-	-
2050	N+24	-	-	-	-	-
Total for Benefits		14.60	41.07	102.02	173.06	305.70

WHOLESALE RATES -- 2021\$/

6 7 8 9 10 11 12 13

Costs - NH - Sustained Demand Reductions

-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74
23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39
35.17	35.17	35.17	35.17	35.17	35.17	35.17	35.17	35.17
48.04	48.04	48.04	48.04	48.04	48.04	48.04	48.04	48.04
52.83	52.83	52.83	52.83	52.83	52.83	52.83	52.83	52.83
63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90
35.04	50.06	50.06	50.06	50.06	50.06	50.06	50.06	50.06
25.81	36.14	51.63	51.63	51.63	51.63	51.63	51.63	51.63
15.97	26.62	37.27	53.24	53.24	53.24	53.24	53.24	53.24
5.49	16.47	27.45	38.44	54.91	54.91	54.91	54.91	54.91
-	5.66	16.99	28.31	39.64	56.63	56.63	56.63	56.63
-	-	5.84	17.52	29.20	40.88	58.40	58.40	58.40
-	-	-	6.02	18.07	30.11	42.16	60.23	60.23
-	-	-	-	6.21	18.63	31.06	43.48	43.48
-	-	-	-	-	6.41	19.22	32.03	32.03
-	-	-	-	-	-	6.61	19.82	19.82
-	-	-	-	-	-	-	6.81	6.81
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
208.93	240.11	271.38	302.77	334.26	365.86	397.57	429.39	429.39

26.62	37.27	53.24	53.24	53.24	53.24	53.24	53.24
16.47	27.45	38.44	54.91	54.91	54.91	54.91	54.91
5.66	16.99	28.31	39.64	56.63	56.63	56.63	56.63
-	5.84	17.52	29.20	40.88	58.40	58.40	58.40
-	-	6.02	18.07	30.11	42.16	60.23	60.23
-	-	-	6.21	18.63	31.06	43.48	62.11
-	-	-	-	6.41	19.22	32.03	44.84
-	-	-	-	-	6.61	19.82	33.03
-	-	-	-	-	-	6.81	20.44
-	-	-	-	-	-	-	7.03
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
199.59	230.02	260.56	291.20	321.94	352.80	383.75	414.82

Zone-on-Zone - NH - Sustained Demand Reductions

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
9.87	9.87	9.87	9.87	9.87	9.87	9.87	9.87
15.01	15.01	15.01	15.01	15.01	15.01	15.01	15.01
19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17
22.44	22.44	22.44	22.44	22.44	22.44	22.44	22.44
418.39	418.39	418.39	418.39	418.39	418.39	418.39	418.39
15.54	15.54	15.54	15.54	15.54	15.54	15.54	15.54
-	9.72	9.72	9.72	9.72	9.72	9.72	9.72
-	-	5.55	5.55	5.55	5.55	5.55	5.55
-	-	-	2.52	2.52	2.52	2.52	2.52
-	-	-	-	0.65	0.65	0.65	0.65
-	-	-	-	-	0.00	0.00	0.00
-	-	-	-	-	-	0.00	0.00
-	-	-	-	-	-	-	0.00
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
312.17	317.87	321.04	322.44	322.79	322.79	322.79	322.79

kW-yr

14	15	16	17	18	19	20	21
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
14.74	14.74	14.74	14.74	14.74	14.74	14.74	14.74
23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39
35.17	35.17	35.17	35.17	35.17	35.17	35.17	35.17
48.04	48.04	48.04	48.04	48.04	48.04	48.04	48.04
52.83	52.83	52.83	52.83	52.83	52.83	52.83	52.83
63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90
50.06	50.06	50.06	50.06	50.06	50.06	50.06	50.06
51.63	51.63	51.63	51.63	51.63	51.63	51.63	51.63
53.24	53.24	53.24	53.24	53.24	53.24	53.24	53.24
54.91	54.91	54.91	54.91	54.91	54.91	54.91	54.91
56.63	56.63	56.63	56.63	56.63	56.63	56.63	56.63
58.40	58.40	58.40	58.40	58.40	58.40	58.40	58.40
60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23
62.11	62.11	62.11	62.11	62.11	62.11	62.11	62.11
44.84	64.05	64.05	64.05	64.05	64.05	64.05	64.05
33.03	46.24	66.06	66.06	66.06	66.06	66.06	66.06
20.44	34.06	47.69	68.13	68.13	68.13	68.13	68.13
7.03	21.08	35.13	49.18	70.26	70.26	70.26	70.26
-	7.25	21.74	36.23	50.72	72.46	72.46	72.46
-	-	7.47	22.42	37.36	52.31	74.72	74.72
-	-	-	7.71	23.12	38.53	53.94	77.06
-	-	-	-	7.95	23.84	39.74	55.63
461.31	493.35	525.49	557.75	590.12	619.32	642.07	658.36

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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9.72	9.72	9.72	9.72	9.72	9.72	9.72	9.72
14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77
18.96	18.96	18.96	18.96	18.96	18.96	18.96	18.96
21.98	21.98	21.98	21.98	21.98	21.98	21.98	21.98
20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.68
303.14	303.14	303.14	303.14	303.14	303.14	303.14	303.14
9.56	9.56	9.56	9.56	9.56	9.56	9.56	9.56
5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46
2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48
0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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262.93	262.93	262.93	262.93	262.93	262.93	262.93	262.93

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53.24	53.24	53.24	53.24	53.24	53.24	53.24	53.24
54.91	54.91	54.91	54.91	54.91	54.91	54.91	54.91
56.63	56.63	56.63	56.63	56.63	56.63	56.63	56.63
58.40	58.40	58.40	58.40	58.40	58.40	58.40	58.40
60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23
62.11	62.11	62.11	62.11	62.11	62.11	62.11	62.11
64.05	64.05	64.05	64.05	64.05	64.05	64.05	64.05
46.24	66.06	66.06	66.06	66.06	66.06	66.06	66.06
34.06	47.69	68.13	68.13	68.13	68.13	68.13	68.13
21.08	35.13	49.18	70.26	70.26	70.26	70.26	70.26
7.25	21.74	36.23	50.72	72.46	72.46	72.46	72.46
-	7.47	22.42	37.36	52.31	74.72	74.72	74.72
-	-	7.71	23.12	38.53	53.94	77.06	77.06
445.99	477.26	508.65	536.97	559.03	574.82	584.31	584.31

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-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
9.87	9.87	9.87	9.87	9.87	9.87	9.87	9.87
15.01	15.01	15.01	15.01	15.01	15.01	15.01	15.01
19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17
22.44	22.44	22.44	22.44	22.44	22.44	22.44	22.44
418.39	418.39	418.39	418.39	418.39	418.39	418.39	418.39
15.54	15.54	15.54	15.54	15.54	15.54	15.54	15.54
9.72	9.72	9.72	9.72	9.72	9.72	9.72	9.72
5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55
2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52
0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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				Program Duration (Measure Life)			
22	23	24	25	1	2	3	4
2024\$							
				<i>Retail Uncleared Capacity Avoided Costs</i>			
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-	-	-	-	-	-	-	-
14.74	14.74	14.74	14.74	21.58	21.58	21.58	21.58
23.39	23.39	23.39	23.39	13.69	34.23	34.23	34.23
35.17	35.17	35.17	35.17	14.71	29.42	51.48	51.48
48.04	48.04	48.04	48.04	15.63	31.25	46.88	70.32
52.83	52.83	52.83	52.83	7.73	23.20	38.67	54.13
63.90	63.90	63.90	63.90	-	9.35	28.06	46.77
50.06	50.06	50.06	50.06	-	-	7.33	21.98
51.63	51.63	51.63	51.63	-	-	-	7.56
53.24	53.24	53.24	53.24	-	-	-	-
54.91	54.91	54.91	54.91	-	-	-	-
56.63	56.63	56.63	56.63	-	-	-	-
58.40	58.40	58.40	58.40	-	-	-	-
60.23	60.23	60.23	60.23	-	-	-	-
62.11	62.11	62.11	62.11	-	-	-	-
64.05	64.05	64.05	64.05	-	-	-	-
66.06	66.06	66.06	66.06	-	-	-	-
68.13	68.13	68.13	68.13	-	-	-	-
70.26	70.26	70.26	70.26	-	-	-	-
72.46	72.46	72.46	72.46	-	-	-	-
74.72	74.72	74.72	74.72	-	-	-	-
77.06	77.06	77.06	77.06	-	-	-	-
79.47	79.47	79.47	79.47	-	-	-	-
668.15	668.15	668.15	668.15	60.35	120.83	182.49	243.08

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9.72	9.72	9.72	9.72
14.77	14.77	14.77	14.77
18.96	18.96	18.96	18.96
21.98	21.98	21.98	21.98
20.68	20.68	20.68	20.68
303.14	303.14	303.14	303.14
9.56	9.56	9.56	9.56
5.46	5.46	5.46	5.46
2.48	2.48	2.48	2.48
0.64	0.64	0.64	0.64
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
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262.93	262.93	262.93	262.93

Retail Net Uncleared Capacity DRIPE, Zor			
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14.22	14.22	14.22	14.22
7.18	21.63	21.63	21.63
5.77	13.07	27.75	27.75
4.11	9.95	17.33	32.18
-	1.62	7.58	15.11
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26.20	50.11	72.50	90.07

	2025\$		2024\$	
	Retail Uncleared Capacity Avoided Costs			
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14.03	14.03	14.03	14.03
25.12	25.12	25.12	25.12
37.36	37.36	37.36	37.36
47.55	47.55	47.55	47.55
63.90	63.90	63.90	63.90
50.06	50.06	50.06	50.06
51.63	51.63	51.63	51.63
53.24	53.24	53.24	53.24
54.91	54.91	54.91	54.91
56.63	56.63	56.63	56.63
58.40	58.40	58.40	58.40
60.23	60.23	60.23	60.23
62.11	62.11	62.11	62.11
64.05	64.05	64.05	64.05
66.06	66.06	66.06	66.06
68.13	68.13	68.13	68.13
70.26	70.26	70.26	70.26
72.46	72.46	72.46	72.46
74.72	74.72	74.72	74.72
77.06	77.06	77.06	77.06
79.47	79.47	79.47	79.47
633.17	633.17	633.17	633.17

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21.63	21.63	21.63	21.63
15.49	38.73	38.73	38.73
16.46	32.92	57.61	57.61
16.29	32.58	48.87	73.31
9.85	29.56	49.26	68.96
-	7.72	23.16	38.59
-	-	7.96	23.88
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63.71	128.64	192.46	254.32

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9.87	9.87	9.87	9.87
15.01	15.01	15.01	15.01

<i>Retail Net Uncleared Capacity DRIPE, Zor</i>			
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15.22	15.22	15.22	15.22
7.68	23.14	23.14	23.14

19.17	19.17	19.17	19.17
22.44	22.44	22.44	22.44
418.39	418.39	418.39	418.39
15.54	15.54	15.54	15.54
9.72	9.72	9.72	9.72
5.55	5.55	5.55	5.55
2.52	2.52	2.52	2.52
0.65	0.65	0.65	0.65
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
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331.75	331.75	331.75	331.75

6.15	13.92	29.56	29.56
4.42	10.70	18.63	34.59
-	34.46	161.53	321.99
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27.27	76.71	190.53	323.19

				2026\$	2024\$						
				<i>Retail Uncleared Capacity Avoided Costs</i>							
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14.03	14.03	14.03	14.03	22.78	22.78	22.78	22.78	22.78	22.78		
25.12	25.12	25.12	25.12	16.32	40.79	40.79	40.79	40.79	40.79		
37.36	37.36	37.36	37.36	17.34	34.67	60.68	60.68	60.68	60.68		
47.55	47.55	47.55	47.55	17.16	34.32	51.48	51.48	77.21	77.21		
63.90	63.90	63.90	63.90	10.38	31.13	51.88	51.88	72.64	72.64		
50.06	50.06	50.06	50.06	-	8.13	24.39	24.39	40.65	40.65		
51.63	51.63	51.63	51.63	-	-	8.38	8.38	25.15	25.15		

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322.79	322.79	322.79	322.79

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27.95	78.61	195.25	331.21

RETAIL RATES ADJUSTED FOR I

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- NH - Sustained Demand Reductions

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21.58	21.58	21.58	21.58	21.58	21.58	21.58	21.58
34.23	34.23	34.23	34.23	34.23	34.23	34.23	34.23
51.48	51.48	51.48	51.48	51.48	51.48	51.48	51.48
70.32	70.32	70.32	70.32	70.32	70.32	70.32	70.32
77.34	77.34	77.34	77.34	77.34	77.34	77.34	77.34
65.48	93.54	93.54	93.54	93.54	93.54	93.54	93.54
36.64	51.30	73.28	73.28	73.28	73.28	73.28	73.28
22.67	37.79	52.90	75.57	75.57	75.57	75.57	75.57
7.79	23.38	38.97	54.56	77.94	77.94	77.94	77.94
-	8.04	24.11	40.19	56.26	80.38	80.38	80.38
-	-	8.29	24.87	41.45	58.02	82.89	82.89
-	-	-	8.55	25.65	42.74	59.84	59.84
-	-	-	-	8.82	26.45	44.08	44.08
-	-	-	-	-	9.09	27.28	27.28
-	-	-	-	-	-	9.38	9.38
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301.81	360.46	414.24	468.20	522.35	576.68	631.19	631.19

ne-on-Zone - NH - Sustained Demand Reductions

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14.22	14.22	14.22	14.22	14.22	14.22	14.22
21.63	21.63	21.63	21.63	21.63	21.63	21.63
27.75	27.75	27.75	27.75	27.75	27.75	27.75
32.18	32.18	32.18	32.18	32.18	32.18	32.18
30.27	30.27	30.27	30.27	30.27	30.27	30.27
137.01	443.73	443.73	443.73	443.73	443.73	443.73
-	-	13.99	13.99	13.99	13.99	13.99
-	-	-	7.99	7.99	7.99	7.99
-	-	-	-	3.63	3.63	3.63
-	-	-	-	-	0.94	0.94
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204.52	434.60	444.81	450.48	452.99	453.62	453.62

- NH - Sustained Demand Reductions

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29.56	29.56	29.56	29.56	29.56	29.56	29.56
34.59	34.59	34.59	34.59	34.59	34.59	34.59
645.05	645.05	645.05	645.05	645.05	645.05	645.05
7.40	23.95	23.95	23.95	23.95	23.95	23.95
-	-	14.99	14.99	14.99	14.99	14.99
-	-	-	8.56	8.56	8.56	8.56
-	-	-	-	3.89	3.89	3.89
-	-	-	-	-	1.00	1.00
-	-	-	-	-	-	0.00
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570.92	583.00	593.64	599.56	602.17	602.83	602.83

- NH - Sustained Demand Reductions

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-	-	-	-	-	-	-
22.78	22.78	22.78	22.78	22.78	22.78	22.78
40.79	40.79	40.79	40.79	40.79	40.79	40.79
60.68	60.68	60.68	60.68	60.68	60.68	60.68
77.21	77.21	77.21	77.21	77.21	77.21	77.21
103.76	103.76	103.76	103.76	103.76	103.76	103.76
56.91	81.29	81.29	81.29	81.29	81.29	81.29
41.92	58.69	83.84	83.84	83.84	83.84	83.84

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
585.08	597.46	608.37	614.43	617.11	617.78	617.78

LIMITED HOUR DEMAND REDUCTIONS -- \$/k

12	13	14	15	16	17	18
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-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
21.58	21.58	21.58	21.58	21.58	21.58	21.58
34.23	34.23	34.23	34.23	34.23	34.23	34.23
51.48	51.48	51.48	51.48	51.48	51.48	51.48
70.32	70.32	70.32	70.32	70.32	70.32	70.32
77.34	77.34	77.34	77.34	77.34	77.34	77.34
93.54	93.54	93.54	93.54	93.54	93.54	93.54
73.28	73.28	73.28	73.28	73.28	73.28	73.28
75.57	75.57	75.57	75.57	75.57	75.57	75.57
77.94	77.94	77.94	77.94	77.94	77.94	77.94
80.38	80.38	80.38	80.38	80.38	80.38	80.38
82.89	82.89	82.89	82.89	82.89	82.89	82.89
85.49	85.49	85.49	85.49	85.49	85.49	85.49
61.71	88.16	88.16	88.16	88.16	88.16	88.16
45.46	63.64	90.92	90.92	90.92	90.92	90.92
28.13	46.88	65.63	93.76	93.76	93.76	93.76
9.67	29.01	48.35	67.69	96.70	96.70	96.70
-	9.97	29.92	49.86	69.81	99.72	99.72
-	-	10.28	30.85	51.42	71.99	102.84
-	-	-	10.61	31.82	53.03	74.24
-	-	-	-	10.94	32.81	54.69
-	-	-	-	-	11.28	33.84
-	-	-	-	-	-	11.63
685.90	740.79	795.87	851.14	906.60	962.25	1,018.09

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-	-	-	-	-	-	-
14.22	14.22	14.22	14.22	14.22	14.22	14.22
21.63	21.63	21.63	21.63	21.63	21.63	21.63
27.75	27.75	27.75	27.75	27.75	27.75	27.75
32.18	32.18	32.18	32.18	32.18	32.18	32.18
30.27	30.27	30.27	30.27	30.27	30.27	30.27
443.73	443.73	443.73	443.73	443.73	443.73	443.73
13.99	13.99	13.99	13.99	13.99	13.99	13.99
7.99	7.99	7.99	7.99	7.99	7.99	7.99
3.63	3.63	3.63	3.63	3.63	3.63	3.63
0.94	0.94	0.94	0.94	0.94	0.94	0.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
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453.62	453.62	453.62	453.62	453.62	453.62	453.62

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86.46	86.46	86.46	86.46	86.46	86.46	86.46
89.17	89.17	89.17	89.17	89.17	89.17	89.17
91.96	91.96	91.96	91.96	91.96	91.96	91.96
94.83	94.83	94.83	94.83	94.83	94.83	94.83
97.80	97.80	97.80	97.80	97.80	97.80	97.80
70.60	100.86	100.86	100.86	100.86	100.86	100.86
52.01	72.81	104.02	104.02	104.02	104.02	104.02
32.18	53.64	75.09	107.27	107.27	107.27	107.27
11.06	33.19	55.31	77.44	110.63	110.63	110.63
-	11.41	34.23	57.04	79.86	114.09	114.09
-	-	11.77	35.30	58.83	82.36	117.66
-	-	-	12.13	36.40	60.67	84.94
-	-	-	-	12.51	37.54	62.57
734.46	793.91	853.57	913.43	973.49	1,027.69	1,069.92

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
16.03	16.03	16.03	16.03	16.03	16.03	16.03
24.37	24.37	24.37	24.37	24.37	24.37	24.37
31.14	31.14	31.14	31.14	31.14	31.14	31.14
36.43	36.43	36.43	36.43	36.43	36.43	36.43
679.40	679.40	679.40	679.40	679.40	679.40	679.40
25.23	25.23	25.23	25.23	25.23	25.23	25.23
15.79	15.79	15.79	15.79	15.79	15.79	15.79
9.02	9.02	9.02	9.02	9.02	9.02	9.02
4.10	4.10	4.10	4.10	4.10	4.10	4.10
1.06	1.06	1.06	1.06	1.06	1.06	1.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
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W-yr

	19	20	21	22	23	24	25
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-	-	-	-	-	-	-	-
21.58	21.58	21.58	21.58	21.58	21.58	21.58	21.58
34.23	34.23	34.23	34.23	34.23	34.23	34.23	34.23
51.48	51.48	51.48	51.48	51.48	51.48	51.48	51.48
70.32	70.32	70.32	70.32	70.32	70.32	70.32	70.32
77.34	77.34	77.34	77.34	77.34	77.34	77.34	77.34
93.54	93.54	93.54	93.54	93.54	93.54	93.54	93.54
73.28	73.28	73.28	73.28	73.28	73.28	73.28	73.28
75.57	75.57	75.57	75.57	75.57	75.57	75.57	75.57
77.94	77.94	77.94	77.94	77.94	77.94	77.94	77.94
80.38	80.38	80.38	80.38	80.38	80.38	80.38	80.38
82.89	82.89	82.89	82.89	82.89	82.89	82.89	82.89
85.49	85.49	85.49	85.49	85.49	85.49	85.49	85.49
88.16	88.16	88.16	88.16	88.16	88.16	88.16	88.16
90.92	90.92	90.92	90.92	90.92	90.92	90.92	90.92
93.76	93.76	93.76	93.76	93.76	93.76	93.76	93.76
96.70	96.70	96.70	96.70	96.70	96.70	96.70	96.70
99.72	99.72	99.72	99.72	99.72	99.72	99.72	99.72
102.84	102.84	102.84	102.84	102.84	102.84	102.84	102.84
106.06	106.06	106.06	106.06	106.06	106.06	106.06	106.06
76.57	109.38	109.38	109.38	109.38	109.38	109.38	109.38
56.40	78.96	112.80	112.80	112.80	112.80	112.80	112.80
34.90	58.17	81.43	116.33	116.33	116.33	116.33	116.33
1,068.47	1,107.73	1,135.82	1,152.71	1,152.71	1,152.71	1,152.71	1,152.71

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14.22	14.22	14.22	14.22	14.22	14.22	14.22
21.63	21.63	21.63	21.63	21.63	21.63	21.63
27.75	27.75	27.75	27.75	27.75	27.75	27.75
32.18	32.18	32.18	32.18	32.18	32.18	32.18
30.27	30.27	30.27	30.27	30.27	30.27	30.27
443.73	443.73	443.73	443.73	443.73	443.73	443.73
13.99	13.99	13.99	13.99	13.99	13.99	13.99
7.99	7.99	7.99	7.99	7.99	7.99	7.99
3.63	3.63	3.63	3.63	3.63	3.63	3.63
0.94	0.94	0.94	0.94	0.94	0.94	0.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
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-	-	-	-	-	-	-
-	-	-	-	-	-	-
453.62	453.62	453.62	453.62	453.62	453.62	453.62

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

86.46	86.46	86.46	86.46	86.46	86.46	86.46
89.17	89.17	89.17	89.17	89.17	89.17	89.17
91.96	91.96	91.96	91.96	91.96	91.96	91.96
94.83	94.83	94.83	94.83	94.83	94.83	94.83
97.80	97.80	97.80	97.80	97.80	97.80	97.80
100.86	100.86	100.86	100.86	100.86	100.86	100.86
104.02	104.02	104.02	104.02	104.02	104.02	104.02
107.27	107.27	107.27	107.27	107.27	107.27	107.27
110.63	110.63	110.63	110.63	110.63	110.63	110.63
114.09	114.09	114.09	114.09	114.09	114.09	114.09
117.66	117.66	117.66	117.66	117.66	117.66	117.66
121.34	121.34	121.34	121.34	121.34	121.34	121.34
87.60	125.14	125.14	125.14	125.14	125.14	125.14
1,100.14	1,118.30	1,118.30	1,118.30	1,118.30	1,118.30	1,118.30

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
16.03	16.03	16.03	16.03	16.03	16.03	16.03
24.37	24.37	24.37	24.37	24.37	24.37	24.37
31.14	31.14	31.14	31.14	31.14	31.14	31.14
36.43	36.43	36.43	36.43	36.43	36.43	36.43
679.40	679.40	679.40	679.40	679.40	679.40	679.40
25.23	25.23	25.23	25.23	25.23	25.23	25.23
15.79	15.79	15.79	15.79	15.79	15.79	15.79
9.02	9.02	9.02	9.02	9.02	9.02	9.02
4.10	4.10	4.10	4.10	4.10	4.10	4.10
1.06	1.06	1.06	1.06	1.06	1.06	1.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
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STRATEGY SUMMARY

Strategy	Link	AESC Sensitivity	AESC Preset	Preset Detail
Top 20 All Hours	Strategy 1	Main 2021 AESC	Peak Load (Top %)	0.23%
Top 20 Summer Hours	Strategy 2	Main 2021 AESC	Peak Load (Top %)	0.68%
Summer Daily Discharge	Strategy 3	Main 2021 AESC	User Input	Discharge daily 4-7 pm
Summer Daily Charge	Strategy 4	Main 2021 AESC	User Input	Charge daily 2-5 am
Summer Targeted Charge	Strategy 5	Main 2021 AESC	User Input	Charge 2-5 am, July a
Top 20 Winter Hours	Strategy 6	Main 2021 AESC	Peak Load (Top %)	0.34%
Winter Targeted Charge	Strategy 7	Main 2021 AESC	User Input	Charge 2-5 am, Dece

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Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE AVOIDED COSTS
2024 2024\$		Shifted Year		2024
1	2024	0.057	0.006	0.056
2	2025	0.056	0.009	0.110
3	2026	0.053	0.009	0.160
4	2027	0.054	0.011	0.209
5	2028	0.054	0.011	0.257
6	2029	0.058	0.011	0.307
7	2030	0.063	0.010	0.360
8	2031	0.065	0.009	0.413
9	2032	0.065	0.009	0.464
10	2033	0.065	0.008	0.514
11	2034	0.069	0.006	0.566
12	2035	0.073	-	0.619
13	2036	0.076	-	0.673
14	2037	0.078	-	0.727
15	2038	0.081	-	0.782
16	2039	0.084	-	0.837
17	2040	0.088	-	0.893
18	2041	0.092	-	0.950
19	2042	0.096	-	1.007
20	2043	0.100	-	1.066
21	2044	0.104	-	1.125
22	2045	0.109	-	1.185
23	2046	0.114	-	1.247
24	2047	0.119	-	1.309
25	2048	0.125	-	1.373
26	2049	0.131	-	1.438
27	2050	0.137	-	1.504
2025 2025\$		Shifted Year		2025
1	2025	0.059	0.006	0.057
2	2026	0.056	0.009	0.109

3	2027	0.057	0.010	0.161
4	2028	0.057	0.012	0.212
5	2029	0.061	0.012	0.264
6	2030	0.066	0.011	0.319
7	2031	0.069	0.011	0.375
8	2032	0.069	0.010	0.430
9	2033	0.068	0.010	0.482
10	2034	0.072	0.009	0.537
11	2035	0.077	0.006	0.593
12	2036	0.080	-	0.649
13	2037	0.082	-	0.706
14	2038	0.086	-	0.764
15	2039	0.089	-	0.822
16	2040	0.093	-	0.881
17	2041	0.096	-	0.941
18	2042	0.101	-	1.001
19	2043	0.105	-	1.063
20	2044	0.110	-	1.125
21	2045	0.115	-	1.189
22	2046	0.120	-	1.254
23	2047	0.125	-	1.320
24	2048	0.131	-	1.387
25	2049	0.137	-	1.455
2026 2026\$		Shifted Year		2026
1	2026	0.059	0.007	0.055
2	2027	0.060	0.010	0.110
3	2028	0.060	0.010	0.163
4	2029	0.064	0.013	0.218
5	2030	0.070	0.013	0.277
6	2031	0.072	0.012	0.336
7	2032	0.072	0.011	0.393
8	2033	0.072	0.010	0.449
9	2034	0.076	0.010	0.506
10	2035	0.081	0.009	0.565
11	2036	0.084	0.006	0.624
12	2037	0.087	-	0.684
13	2038	0.090	-	0.745
14	2039	0.094	-	0.806
15	2040	0.098	-	0.868
16	2041	0.102	-	0.931
17	2042	0.106	-	0.995
18	2043	0.111	-	1.060
19	2044	0.116	-	1.126
20	2045	0.121	-	1.193
21	2046	0.126	-	1.261
22	2047	0.132	-	1.331
23	2048	0.138	-	1.401
24	2049	0.145	-	1.473
25	2050	0.152	-	1.547

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh	
ANNUAL AVOIDED COSTS				CUMULATIVE A	
2024 2024\$		Shifted Year		2024	
1	2024	0.057	0.006	0.056	
2	2025	0.056	0.009	0.110	
3	2026	0.053	0.009	0.160	
4	2027	0.054	0.011	0.209	
5	2028	0.054	0.011	0.257	
6	2029	0.058	0.011	0.307	
7	2030	0.063	0.010	0.360	
8	2031	0.065	0.009	0.413	
9	2032	0.065	0.009	0.464	
10	2033	0.065	0.008	0.514	
11	2034	0.069	0.006	0.566	
12	2035	0.073	-	0.619	
13	2036	0.076	-	0.673	
14	2037	0.078	-	0.727	
15	2038	0.081	-	0.782	
16	2039	0.084	-	0.837	
17	2040	0.088	-	0.893	
18	2041	0.092	-	0.950	
19	2042	0.096	-	1.007	
20	2043	0.100	-	1.066	
21	2044	0.104	-	1.125	
22	2045	0.109	-	1.185	
23	2046	0.114	-	1.247	
24	2047	0.119	-	1.309	
25	2048	0.125	-	1.373	
26	2049	0.131	-	1.438	
27	2050	0.137	-	1.504	
2025 2025\$		Shifted Year		2025	
1	2025	0.059	0.006	0.057	
2	2026	0.056	0.009	0.109	
3	2027	0.057	0.010	0.161	
4	2028	0.057	0.012	0.212	
5	2029	0.061	0.012	0.264	
6	2030	0.066	0.011	0.319	
7	2031	0.069	0.011	0.375	
8	2032	0.069	0.010	0.430	
9	2033	0.068	0.010	0.482	
10	2034	0.072	0.009	0.537	
11	2035	0.077	0.006	0.593	
12	2036	0.080	-	0.649	
13	2037	0.082	-	0.706	

14	2038	0.086	-	0.764
15	2039	0.089	-	0.822
16	2040	0.093	-	0.881
17	2041	0.096	-	0.941
18	2042	0.101	-	1.001
19	2043	0.105	-	1.063
20	2044	0.110	-	1.125
21	2045	0.115	-	1.189
22	2046	0.120	-	1.254
23	2047	0.125	-	1.320
24	2048	0.131	-	1.387
25	2049	0.137	-	1.455
2026 2026\$		Shifted Year		2026
1	2026	0.059	0.007	0.055
2	2027	0.060	0.010	0.110
3	2028	0.060	0.010	0.163
4	2029	0.064	0.013	0.218
5	2030	0.070	0.013	0.277
6	2031	0.072	0.012	0.336
7	2032	0.072	0.011	0.393
8	2033	0.072	0.010	0.449
9	2034	0.076	0.010	0.506
10	2035	0.081	0.009	0.565
11	2036	0.084	0.006	0.624
12	2037	0.087	-	0.684
13	2038	0.090	-	0.745
14	2039	0.094	-	0.806
15	2040	0.098	-	0.868
16	2041	0.102	-	0.931
17	2042	0.106	-	0.995
18	2043	0.111	-	1.060
19	2044	0.116	-	1.126
20	2045	0.121	-	1.193
21	2046	0.126	-	1.261
22	2047	0.132	-	1.331
23	2048	0.138	-	1.401
24	2049	0.145	-	1.473
25	2050	0.152	-	1.547

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.050	0.002	0.049
2	2025	0.049	0.003	0.096
3	2026	0.049	0.003	0.142

4	2027	0.050	0.004	0.188
5	2028	0.051	0.004	0.233
6	2029	0.052	0.004	0.278
7	2030	0.056	0.004	0.325
8	2031	0.057	0.003	0.372
9	2032	0.060	0.003	0.419
10	2033	0.057	0.003	0.463
11	2034	0.057	0.002	0.505
12	2035	0.059	-	0.548
13	2036	0.059	-	0.591
14	2037	0.060	-	0.632
15	2038	0.061	-	0.673
16	2039	0.062	-	0.714
17	2040	0.063	-	0.754
18	2041	0.064	-	0.794
19	2042	0.066	-	0.833
20	2043	0.067	-	0.873
21	2044	0.068	-	0.912
22	2045	0.070	-	0.950
23	2046	0.072	-	0.989
24	2047	0.073	-	1.028
25	2048	0.075	-	1.066
26	2049	0.077	-	1.104
27	2050	0.079	-	1.142
2025 2025\$		Shifted Year		2025
1	2025	0.051	0.002	0.049
2	2026	0.052	0.003	0.098
3	2027	0.053	0.003	0.146
4	2028	0.053	0.004	0.193
5	2029	0.055	0.004	0.240
6	2030	0.059	0.004	0.290
7	2031	0.060	0.004	0.339
8	2032	0.063	0.004	0.389
9	2033	0.060	0.003	0.435
10	2034	0.060	0.003	0.480
11	2035	0.062	0.002	0.526
12	2036	0.063	-	0.570
13	2037	0.063	-	0.614
14	2038	0.064	-	0.657
15	2039	0.065	-	0.700
16	2040	0.066	-	0.742
17	2041	0.068	-	0.784
18	2042	0.069	-	0.826
19	2043	0.071	-	0.867
20	2044	0.072	-	0.908
21	2045	0.074	-	0.949
22	2046	0.075	-	0.990
23	2047	0.077	-	1.030
24	2048	0.079	-	1.071

25	2049	0.081	-	1.111
2026 2026\$		Shifted Year		2026
1	2026	0.055	0.002	0.051
2	2027	0.055	0.003	0.101
3	2028	0.056	0.004	0.151
4	2029	0.058	0.004	0.201
5	2030	0.063	0.004	0.254
6	2031	0.064	0.004	0.305
7	2032	0.066	0.004	0.358
8	2033	0.063	0.004	0.406
9	2034	0.063	0.004	0.454
10	2035	0.065	0.003	0.502
11	2036	0.066	0.002	0.548
12	2037	0.067	-	0.594
13	2038	0.068	-	0.640
14	2039	0.069	-	0.685
15	2040	0.070	-	0.730
16	2041	0.071	-	0.774
17	2042	0.073	-	0.818
18	2043	0.074	-	0.861
19	2044	0.076	-	0.904
20	2045	0.078	-	0.948
21	2046	0.079	-	0.990
22	2047	0.081	-	1.033
23	2048	0.083	-	1.076
24	2049	0.085	-	1.118
25	2050	0.087	-	1.160

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.043	0.001	0.042
2	2025	0.041	0.002	0.081
3	2026	0.041	0.002	0.120
4	2027	0.041	0.002	0.157
5	2028	0.042	0.002	0.194
6	2029	0.043	0.002	0.231
7	2030	0.047	0.002	0.270
8	2031	0.047	0.002	0.309
9	2032	0.048	0.002	0.346
10	2033	0.045	0.002	0.381
11	2034	0.045	0.001	0.415
12	2035	0.046	-	0.449
13	2036	0.046	-	0.482
14	2037	0.046	-	0.514

15	2038	0.047	-	0.545
16	2039	0.047	-	0.576
17	2040	0.047	-	0.606
18	2041	0.048	-	0.636
19	2042	0.048	-	0.665
20	2043	0.049	-	0.694
21	2044	0.050	-	0.722
22	2045	0.050	-	0.750
23	2046	0.051	-	0.778
24	2047	0.052	-	0.805
25	2048	0.053	-	0.832
26	2049	0.054	-	0.859
27	2050	0.055	-	0.885
2025 2025\$		Shifted Year		2025
1	2025	0.043	0.001	0.041
2	2026	0.043	0.002	0.082
3	2027	0.044	0.002	0.121
4	2028	0.044	0.002	0.160
5	2029	0.045	0.002	0.199
6	2030	0.049	0.002	0.240
7	2031	0.050	0.002	0.281
8	2032	0.050	0.002	0.320
9	2033	0.047	0.002	0.357
10	2034	0.048	0.002	0.393
11	2035	0.049	0.001	0.428
12	2036	0.049	-	0.463
13	2037	0.049	-	0.497
14	2038	0.049	-	0.530
15	2039	0.050	-	0.562
16	2040	0.050	-	0.594
17	2041	0.050	-	0.625
18	2042	0.051	-	0.656
19	2043	0.052	-	0.686
20	2044	0.052	-	0.716
21	2045	0.053	-	0.746
22	2046	0.054	-	0.775
23	2047	0.055	-	0.804
24	2048	0.056	-	0.832
25	2049	0.057	-	0.860
2026 2026\$		Shifted Year		2026
1	2026	0.046	0.001	0.043
2	2027	0.046	0.002	0.084
3	2028	0.046	0.002	0.125
4	2029	0.047	0.002	0.166
5	2030	0.052	0.002	0.209
6	2031	0.052	0.002	0.252
7	2032	0.053	0.002	0.294
8	2033	0.050	0.002	0.332

9	2034	0.050	0.002	0.370
10	2035	0.051	0.002	0.407
11	2036	0.051	0.001	0.444
12	2037	0.052	-	0.480
13	2038	0.052	-	0.514
14	2039	0.052	-	0.549
15	2040	0.053	-	0.582
16	2041	0.053	-	0.615
17	2042	0.054	-	0.647
18	2043	0.054	-	0.679
19	2044	0.055	-	0.711
20	2045	0.056	-	0.742
21	2046	0.057	-	0.773
22	2047	0.058	-	0.803
23	2048	0.059	-	0.833
24	2049	0.060	-	0.863
25	2050	0.061	-	0.892

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.045	0.001	0.045
2	2025	0.044	0.002	0.087
3	2026	0.044	0.002	0.128
4	2027	0.045	0.003	0.169
5	2028	0.046	0.003	0.209
6	2029	0.047	0.003	0.249
7	2030	0.051	0.003	0.292
8	2031	0.052	0.003	0.334
9	2032	0.052	0.002	0.375
10	2033	0.049	0.002	0.413
11	2034	0.050	0.001	0.450
12	2035	0.051	-	0.487
13	2036	0.051	-	0.523
14	2037	0.051	-	0.558
15	2038	0.051	-	0.593
16	2039	0.051	-	0.626
17	2040	0.052	-	0.659
18	2041	0.052	-	0.692
19	2042	0.053	-	0.724
20	2043	0.054	-	0.755
21	2044	0.054	-	0.786
22	2045	0.055	-	0.817
23	2046	0.056	-	0.847
24	2047	0.057	-	0.877
25	2048	0.058	-	0.906

26	2049	0.059	-	0.935
27	2050	0.060	-	0.964
2025 2025\$		Shifted Year		2025
1	2025	0.046	0.001	0.044
2	2026	0.046	0.002	0.088
3	2027	0.047	0.003	0.131
4	2028	0.048	0.003	0.173
5	2029	0.050	0.003	0.216
6	2030	0.054	0.003	0.261
7	2031	0.054	0.003	0.305
8	2032	0.055	0.003	0.348
9	2033	0.052	0.003	0.388
10	2034	0.053	0.002	0.427
11	2035	0.053	0.002	0.466
12	2036	0.053	-	0.504
13	2037	0.053	-	0.541
14	2038	0.054	-	0.577
15	2039	0.054	-	0.613
16	2040	0.055	-	0.647
17	2041	0.055	-	0.682
18	2042	0.056	-	0.715
19	2043	0.056	-	0.748
20	2044	0.057	-	0.781
21	2045	0.058	-	0.813
22	2046	0.059	-	0.845
23	2047	0.060	-	0.876
24	2048	0.061	-	0.907
25	2049	0.062	-	0.938
2026 2026\$		Shifted Year		2026
1	2026	0.049	0.002	0.046
2	2027	0.049	0.002	0.091
3	2028	0.051	0.003	0.135
4	2029	0.052	0.003	0.180
5	2030	0.056	0.003	0.228
6	2031	0.057	0.003	0.274
7	2032	0.058	0.003	0.320
8	2033	0.054	0.003	0.362
9	2034	0.056	0.003	0.403
10	2035	0.056	0.002	0.444
11	2036	0.056	0.002	0.484
12	2037	0.056	-	0.523
13	2038	0.057	-	0.561
14	2039	0.057	-	0.598
15	2040	0.058	-	0.635
16	2041	0.058	-	0.671
17	2042	0.059	-	0.706
18	2043	0.059	-	0.741
19	2044	0.060	-	0.776

20	2045	0.061	-	0.810
21	2046	0.062	-	0.843
22	2047	0.063	-	0.876
23	2048	0.064	-	0.909
24	2049	0.065	-	0.941
25	2050	0.066	-	0.973

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.093	0.009	0.092
2	2025	0.095	0.017	0.183
3	2026	0.094	0.021	0.271
4	2027	0.095	0.021	0.357
5	2028	0.095	0.022	0.441
6	2029	0.098	0.021	0.525
7	2030	0.103	0.020	0.612
8	2031	0.105	0.019	0.697
9	2032	0.106	0.018	0.781
10	2033	0.102	0.015	0.860
11	2034	0.106	0.011	0.939
12	2035	0.105	-	1.016
13	2036	0.106	-	1.091
14	2037	0.107	-	1.165
15	2038	0.108	-	1.237
16	2039	0.109	-	1.308
17	2040	0.110	-	1.378
18	2041	0.111	-	1.447
19	2042	0.112	-	1.514
20	2043	0.113	-	1.581
21	2044	0.115	-	1.646
22	2045	0.116	-	1.710
23	2046	0.117	-	1.774
24	2047	0.119	-	1.836
25	2048	0.120	-	1.898
26	2049	0.122	-	1.958
27	2050	0.124	-	2.018
2025 2025\$		Shifted Year		2025
1	2025	0.100	0.009	0.096
2	2026	0.099	0.018	0.189
3	2027	0.100	0.022	0.279
4	2028	0.100	0.022	0.368
5	2029	0.104	0.023	0.457
6	2030	0.108	0.022	0.548
7	2031	0.111	0.021	0.638

8	2032	0.112	0.020	0.726
9	2033	0.107	0.019	0.809
10	2034	0.112	0.016	0.893
11	2035	0.111	0.011	0.974
12	2036	0.112	-	1.053
13	2037	0.112	-	1.131
14	2038	0.113	-	1.207
15	2039	0.114	-	1.282
16	2040	0.115	-	1.355
17	2041	0.117	-	1.427
18	2042	0.118	-	1.498
19	2043	0.119	-	1.568
20	2044	0.121	-	1.637
21	2045	0.122	-	1.705
22	2046	0.124	-	1.772
23	2047	0.125	-	1.837
24	2048	0.127	-	1.902
25	2049	0.128	-	1.966
2026 2026\$		Shifted Year		2026
1	2026	0.105	0.010	0.098
2	2027	0.105	0.019	0.193
3	2028	0.105	0.023	0.286
4	2029	0.109	0.023	0.380
5	2030	0.114	0.024	0.476
6	2031	0.117	0.023	0.571
7	2032	0.118	0.022	0.664
8	2033	0.113	0.021	0.751
9	2034	0.118	0.020	0.839
10	2035	0.117	0.017	0.925
11	2036	0.118	0.012	1.008
12	2037	0.118	-	1.090
13	2038	0.119	-	1.170
14	2039	0.120	-	1.249
15	2040	0.122	-	1.326
16	2041	0.123	-	1.402
17	2042	0.124	-	1.477
18	2043	0.126	-	1.551
19	2044	0.127	-	1.623
20	2045	0.129	-	1.695
21	2046	0.130	-	1.765
22	2047	0.132	-	1.834
23	2048	0.134	-	1.902
24	2049	0.135	-	1.970
25	2050	0.137	-	2.036

Years	Retail Energy	Energy DRIPE	Retail Energy

		\$/kWh	\$/kWh	\$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.081	0.004	0.080
2	2025	0.080	0.008	0.157
3	2026	0.080	0.009	0.232
4	2027	0.081	0.010	0.306
5	2028	0.082	0.009	0.378
6	2029	0.083	0.009	0.450
7	2030	0.088	0.009	0.523
8	2031	0.088	0.009	0.595
9	2032	0.089	0.008	0.665
10	2033	0.086	0.007	0.731
11	2034	0.087	0.005	0.796
12	2035	0.087	-	0.860
13	2036	0.087	-	0.922
14	2037	0.088	-	0.983
15	2038	0.088	-	1.042
16	2039	0.088	-	1.099
17	2040	0.089	-	1.156
18	2041	0.089	-	1.211
19	2042	0.090	-	1.265
20	2043	0.090	-	1.318
21	2044	0.091	-	1.369
22	2045	0.091	-	1.420
23	2046	0.092	-	1.470
24	2047	0.093	-	1.519
25	2048	0.094	-	1.567
26	2049	0.094	-	1.614
27	2050	0.095	-	1.660
2025 2025\$		Shifted Year		2025
1	2025	0.084	0.004	0.081
2	2026	0.085	0.008	0.160
3	2027	0.085	0.010	0.238
4	2028	0.086	0.010	0.314
5	2029	0.088	0.010	0.389
6	2030	0.092	0.010	0.466
7	2031	0.093	0.010	0.542
8	2032	0.094	0.009	0.616
9	2033	0.090	0.008	0.686
10	2034	0.091	0.007	0.754
11	2035	0.092	0.005	0.821
12	2036	0.092	-	0.887
13	2037	0.092	-	0.950
14	2038	0.093	-	1.013
15	2039	0.093	-	1.073
16	2040	0.093	-	1.133
17	2041	0.094	-	1.191

18	2042	0.094	-	1.248
19	2043	0.095	-	1.303
20	2044	0.096	-	1.358
21	2045	0.096	-	1.411
22	2046	0.097	-	1.464
23	2047	0.098	-	1.515
24	2048	0.099	-	1.566
25	2049	0.100	-	1.615
2026 2026\$		Shifted Year		2026
1	2026	0.089	0.004	0.083
2	2027	0.090	0.009	0.165
3	2028	0.091	0.010	0.245
4	2029	0.092	0.011	0.325
5	2030	0.097	0.010	0.406
6	2031	0.098	0.010	0.486
7	2032	0.099	0.010	0.564
8	2033	0.095	0.010	0.637
9	2034	0.096	0.009	0.709
10	2035	0.097	0.007	0.780
11	2036	0.097	0.005	0.849
12	2037	0.097	-	0.916
13	2038	0.097	-	0.981
14	2039	0.098	-	1.045
15	2040	0.098	-	1.108
16	2041	0.099	-	1.169
17	2042	0.099	-	1.229
18	2043	0.100	-	1.287
19	2044	0.101	-	1.345
20	2045	0.101	-	1.401
21	2046	0.102	-	1.456
22	2047	0.103	-	1.511
23	2048	0.104	-	1.564
24	2049	0.105	-	1.616
25	2050	0.106	-	1.667

Other Notes	Line Loss Period	Line Losses
20 / 8760 = 0.23%	Summer Peak	9.0%
20 / 2928 = 0.68%	Summer Peak	9.0%
	Summer Peak	9.0%
	Summer Off-Peak	9.0%
	Summer Off-Peak	9.0%
20 / 5832 = 0.34%	Winter Peak	9.0%
	Winter Off-Peak	9.0%

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Top 20 All Hours

Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.006	2024-Top 20 All Hours-1	2018
0.014	2024-Top 20 All Hours-2	2019
0.023	2024-Top 20 All Hours-3	2020
0.033	2024-Top 20 All Hours-4	2021
0.043	2024-Top 20 All Hours-5	2022
0.052	2024-Top 20 All Hours-6	2023
0.061	2024-Top 20 All Hours-7	2024
0.069	2024-Top 20 All Hours-8	2025
0.076	2024-Top 20 All Hours-9	2026
0.082	2024-Top 20 All Hours-10	2027
0.086	2024-Top 20 All Hours-11	2028
0.086	2024-Top 20 All Hours-12	2029
0.086	2024-Top 20 All Hours-13	2030
0.086	2024-Top 20 All Hours-14	2031
0.086	2024-Top 20 All Hours-15	2032
0.086	2024-Top 20 All Hours-16	2033
0.086	2024-Top 20 All Hours-17	2034
0.086	2024-Top 20 All Hours-18	2035
0.086	2024-Top 20 All Hours-19	2036
0.086	2024-Top 20 All Hours-20	2037
0.086	2024-Top 20 All Hours-21	2038
0.086	2024-Top 20 All Hours-22	2039
0.086	2024-Top 20 All Hours-23	2040
0.086	2024-Top 20 All Hours-24	2041
0.086	2024-Top 20 All Hours-25	2042
0.086	2024-Top 20 All Hours-26	2043
0.086	2024-Top 20 All Hours-27	2044
2024\$		2045
0.006	2025-Top 20 All Hours-1	2046
0.015	2025-Top 20 All Hours-2	2047

0.023 2025-Top 20 All Hours-3
0.034 2025-Top 20 All Hours-4
0.044 2025-Top 20 All Hours-5
0.054 2025-Top 20 All Hours-6
0.063 2025-Top 20 All Hours-7
0.070 2025-Top 20 All Hours-8
0.078 2025-Top 20 All Hours-9
0.084 2025-Top 20 All Hours-10
0.088 2025-Top 20 All Hours-11
0.088 2025-Top 20 All Hours-12
0.088 2025-Top 20 All Hours-13
0.088 2025-Top 20 All Hours-14
0.088 2025-Top 20 All Hours-15
0.088 2025-Top 20 All Hours-16
0.088 2025-Top 20 All Hours-17
0.088 2025-Top 20 All Hours-18
0.088 2025-Top 20 All Hours-19
0.088 2025-Top 20 All Hours-20
0.088 2025-Top 20 All Hours-21
0.088 2025-Top 20 All Hours-22
0.088 2025-Top 20 All Hours-23
0.088 2025-Top 20 All Hours-24
0.088 2025-Top 20 All Hours-25

2048
2049
2050

2024\$

0.006 2026-Top 20 All Hours-1
0.015 2026-Top 20 All Hours-2
0.024 2026-Top 20 All Hours-3
0.035 2026-Top 20 All Hours-4
0.045 2026-Top 20 All Hours-5
0.055 2026-Top 20 All Hours-6
0.064 2026-Top 20 All Hours-7
0.072 2026-Top 20 All Hours-8
0.080 2026-Top 20 All Hours-9
0.086 2026-Top 20 All Hours-10
0.091 2026-Top 20 All Hours-11
0.091 2026-Top 20 All Hours-12
0.091 2026-Top 20 All Hours-13
0.091 2026-Top 20 All Hours-14
0.091 2026-Top 20 All Hours-15
0.091 2026-Top 20 All Hours-16
0.091 2026-Top 20 All Hours-17
0.091 2026-Top 20 All Hours-18
0.091 2026-Top 20 All Hours-19
0.091 2026-Top 20 All Hours-20
0.091 2026-Top 20 All Hours-21
0.091 2026-Top 20 All Hours-22
0.091 2026-Top 20 All Hours-23
0.091 2026-Top 20 All Hours-24
0.091 2026-Top 20 All Hours-25

Top 20 Summer Hours

Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.006	2024-Top 20 Summer Hours-1	2018
0.014	2024-Top 20 Summer Hours-2	2019
0.023	2024-Top 20 Summer Hours-3	2020
0.033	2024-Top 20 Summer Hours-4	2021
0.043	2024-Top 20 Summer Hours-5	2022
0.052	2024-Top 20 Summer Hours-6	2023
0.061	2024-Top 20 Summer Hours-7	2024
0.069	2024-Top 20 Summer Hours-8	2025
0.076	2024-Top 20 Summer Hours-9	2026
0.082	2024-Top 20 Summer Hours-10	2027
0.086	2024-Top 20 Summer Hours-11	2028
0.086	2024-Top 20 Summer Hours-12	2029
0.086	2024-Top 20 Summer Hours-13	2030
0.086	2024-Top 20 Summer Hours-14	2031
0.086	2024-Top 20 Summer Hours-15	2032
0.086	2024-Top 20 Summer Hours-16	2033
0.086	2024-Top 20 Summer Hours-17	2034
0.086	2024-Top 20 Summer Hours-18	2035
0.086	2024-Top 20 Summer Hours-19	2036
0.086	2024-Top 20 Summer Hours-20	2037
0.086	2024-Top 20 Summer Hours-21	2038
0.086	2024-Top 20 Summer Hours-22	2039
0.086	2024-Top 20 Summer Hours-23	2040
0.086	2024-Top 20 Summer Hours-24	2041
0.086	2024-Top 20 Summer Hours-25	2042
0.086	2024-Top 20 Summer Hours-26	2043
0.086	2024-Top 20 Summer Hours-27	2044
2024\$		2045
0.006	2025-Top 20 Summer Hours-1	2046
0.015	2025-Top 20 Summer Hours-2	2047
0.023	2025-Top 20 Summer Hours-3	2048
0.034	2025-Top 20 Summer Hours-4	2049
0.044	2025-Top 20 Summer Hours-5	2050
0.054	2025-Top 20 Summer Hours-6	
0.063	2025-Top 20 Summer Hours-7	
0.070	2025-Top 20 Summer Hours-8	
0.078	2025-Top 20 Summer Hours-9	
0.084	2025-Top 20 Summer Hours-10	
0.088	2025-Top 20 Summer Hours-11	
0.088	2025-Top 20 Summer Hours-12	
0.088	2025-Top 20 Summer Hours-13	

0.088 2025-Top 20 Summer Hours-14
 0.088 2025-Top 20 Summer Hours-15
 0.088 2025-Top 20 Summer Hours-16
 0.088 2025-Top 20 Summer Hours-17
 0.088 2025-Top 20 Summer Hours-18
 0.088 2025-Top 20 Summer Hours-19
 0.088 2025-Top 20 Summer Hours-20
 0.088 2025-Top 20 Summer Hours-21
 0.088 2025-Top 20 Summer Hours-22
 0.088 2025-Top 20 Summer Hours-23
 0.088 2025-Top 20 Summer Hours-24
 0.088 2025-Top 20 Summer Hours-25

2024\$

0.006 2026-Top 20 Summer Hours-1
 0.015 2026-Top 20 Summer Hours-2
 0.024 2026-Top 20 Summer Hours-3
 0.035 2026-Top 20 Summer Hours-4
 0.045 2026-Top 20 Summer Hours-5
 0.055 2026-Top 20 Summer Hours-6
 0.064 2026-Top 20 Summer Hours-7
 0.072 2026-Top 20 Summer Hours-8
 0.080 2026-Top 20 Summer Hours-9
 0.086 2026-Top 20 Summer Hours-10
 0.091 2026-Top 20 Summer Hours-11
 0.091 2026-Top 20 Summer Hours-12
 0.091 2026-Top 20 Summer Hours-13
 0.091 2026-Top 20 Summer Hours-14
 0.091 2026-Top 20 Summer Hours-15
 0.091 2026-Top 20 Summer Hours-16
 0.091 2026-Top 20 Summer Hours-17
 0.091 2026-Top 20 Summer Hours-18
 0.091 2026-Top 20 Summer Hours-19
 0.091 2026-Top 20 Summer Hours-20
 0.091 2026-Top 20 Summer Hours-21
 0.091 2026-Top 20 Summer Hours-22
 0.091 2026-Top 20 Summer Hours-23
 0.091 2026-Top 20 Summer Hours-24
 0.091 2026-Top 20 Summer Hours-25

Summer Daily Discharge

Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.002	2024-Summer Daily Discharge-1	2018
0.005	2024-Summer Daily Discharge-2	2019
0.008	2024-Summer Daily Discharge-3	2020

0.011 2024-Summer Daily Discharge-4
0.014 2024-Summer Daily Discharge-5
0.017 2024-Summer Daily Discharge-6
0.020 2024-Summer Daily Discharge-7
0.023 2024-Summer Daily Discharge-8
0.026 2024-Summer Daily Discharge-9
0.028 2024-Summer Daily Discharge-10
0.029 2024-Summer Daily Discharge-11
0.029 2024-Summer Daily Discharge-12
0.029 2024-Summer Daily Discharge-13
0.029 2024-Summer Daily Discharge-14
0.029 2024-Summer Daily Discharge-15
0.029 2024-Summer Daily Discharge-16
0.029 2024-Summer Daily Discharge-17
0.029 2024-Summer Daily Discharge-18
0.029 2024-Summer Daily Discharge-19
0.029 2024-Summer Daily Discharge-20
0.029 2024-Summer Daily Discharge-21
0.029 2024-Summer Daily Discharge-22
0.029 2024-Summer Daily Discharge-23
0.029 2024-Summer Daily Discharge-24
0.029 2024-Summer Daily Discharge-25
0.029 2024-Summer Daily Discharge-26
0.029 2024-Summer Daily Discharge-27

2024\$

0.002 2025-Summer Daily Discharge-1
0.005 2025-Summer Daily Discharge-2
0.008 2025-Summer Daily Discharge-3
0.011 2025-Summer Daily Discharge-4
0.014 2025-Summer Daily Discharge-5
0.018 2025-Summer Daily Discharge-6
0.021 2025-Summer Daily Discharge-7
0.024 2025-Summer Daily Discharge-8
0.026 2025-Summer Daily Discharge-9
0.028 2025-Summer Daily Discharge-10
0.030 2025-Summer Daily Discharge-11
0.030 2025-Summer Daily Discharge-12
0.030 2025-Summer Daily Discharge-13
0.030 2025-Summer Daily Discharge-14
0.030 2025-Summer Daily Discharge-15
0.030 2025-Summer Daily Discharge-16
0.030 2025-Summer Daily Discharge-17
0.030 2025-Summer Daily Discharge-18
0.030 2025-Summer Daily Discharge-19
0.030 2025-Summer Daily Discharge-20
0.030 2025-Summer Daily Discharge-21
0.030 2025-Summer Daily Discharge-22
0.030 2025-Summer Daily Discharge-23
0.030 2025-Summer Daily Discharge-24

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0.030	2025-Summer Daily Discharge-25
2024\$	
0.002	2026-Summer Daily Discharge-1
0.005	2026-Summer Daily Discharge-2
0.008	2026-Summer Daily Discharge-3
0.011	2026-Summer Daily Discharge-4
0.015	2026-Summer Daily Discharge-5
0.018	2026-Summer Daily Discharge-6
0.021	2026-Summer Daily Discharge-7
0.024	2026-Summer Daily Discharge-8
0.027	2026-Summer Daily Discharge-9
0.029	2026-Summer Daily Discharge-10
0.031	2026-Summer Daily Discharge-11
0.031	2026-Summer Daily Discharge-12
0.031	2026-Summer Daily Discharge-13
0.031	2026-Summer Daily Discharge-14
0.031	2026-Summer Daily Discharge-15
0.031	2026-Summer Daily Discharge-16
0.031	2026-Summer Daily Discharge-17
0.031	2026-Summer Daily Discharge-18
0.031	2026-Summer Daily Discharge-19
0.031	2026-Summer Daily Discharge-20
0.031	2026-Summer Daily Discharge-21
0.031	2026-Summer Daily Discharge-22
0.031	2026-Summer Daily Discharge-23
0.031	2026-Summer Daily Discharge-24
0.031	2026-Summer Daily Discharge-25

Summer Daily Charge		
Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.001	2024-Summer Daily Charge-1	2018
0.003	2024-Summer Daily Charge-2	2019
0.005	2024-Summer Daily Charge-3	2020
0.007	2024-Summer Daily Charge-4	2021
0.008	2024-Summer Daily Charge-5	2022
0.010	2024-Summer Daily Charge-6	2023
0.012	2024-Summer Daily Charge-7	2024
0.014	2024-Summer Daily Charge-8	2025
0.015	2024-Summer Daily Charge-9	2026
0.016	2024-Summer Daily Charge-10	2027
0.017	2024-Summer Daily Charge-11	2028
0.017	2024-Summer Daily Charge-12	2029
0.017	2024-Summer Daily Charge-13	2030
0.017	2024-Summer Daily Charge-14	2031

0.017 2024-Summer Daily Charge-15
0.017 2024-Summer Daily Charge-16
0.017 2024-Summer Daily Charge-17
0.017 2024-Summer Daily Charge-18
0.017 2024-Summer Daily Charge-19
0.017 2024-Summer Daily Charge-20
0.017 2024-Summer Daily Charge-21
0.017 2024-Summer Daily Charge-22
0.017 2024-Summer Daily Charge-23
0.017 2024-Summer Daily Charge-24
0.017 2024-Summer Daily Charge-25
0.017 2024-Summer Daily Charge-26
0.017 2024-Summer Daily Charge-27

2024\$

0.001 2025-Summer Daily Charge-1
0.003 2025-Summer Daily Charge-2
0.005 2025-Summer Daily Charge-3
0.007 2025-Summer Daily Charge-4
0.009 2025-Summer Daily Charge-5
0.011 2025-Summer Daily Charge-6
0.012 2025-Summer Daily Charge-7
0.014 2025-Summer Daily Charge-8
0.016 2025-Summer Daily Charge-9
0.017 2025-Summer Daily Charge-10
0.018 2025-Summer Daily Charge-11
0.018 2025-Summer Daily Charge-12
0.018 2025-Summer Daily Charge-13
0.018 2025-Summer Daily Charge-14
0.018 2025-Summer Daily Charge-15
0.018 2025-Summer Daily Charge-16
0.018 2025-Summer Daily Charge-17
0.018 2025-Summer Daily Charge-18
0.018 2025-Summer Daily Charge-19
0.018 2025-Summer Daily Charge-20
0.018 2025-Summer Daily Charge-21
0.018 2025-Summer Daily Charge-22
0.018 2025-Summer Daily Charge-23
0.018 2025-Summer Daily Charge-24
0.018 2025-Summer Daily Charge-25

2024\$

0.001 2026-Summer Daily Charge-1
0.003 2026-Summer Daily Charge-2
0.005 2026-Summer Daily Charge-3
0.007 2026-Summer Daily Charge-4
0.009 2026-Summer Daily Charge-5
0.011 2026-Summer Daily Charge-6
0.013 2026-Summer Daily Charge-7
0.014 2026-Summer Daily Charge-8

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0.016 2026-Summer Daily Charge-9
 0.017 2026-Summer Daily Charge-10
 0.018 2026-Summer Daily Charge-11
 0.018 2026-Summer Daily Charge-12
 0.018 2026-Summer Daily Charge-13
 0.018 2026-Summer Daily Charge-14
 0.018 2026-Summer Daily Charge-15
 0.018 2026-Summer Daily Charge-16
 0.018 2026-Summer Daily Charge-17
 0.018 2026-Summer Daily Charge-18
 0.018 2026-Summer Daily Charge-19
 0.018 2026-Summer Daily Charge-20
 0.018 2026-Summer Daily Charge-21
 0.018 2026-Summer Daily Charge-22
 0.018 2026-Summer Daily Charge-23
 0.018 2026-Summer Daily Charge-24
 0.018 2026-Summer Daily Charge-25

Summer Targeted Charge

Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.001	2024-Summer Targeted Charge-1	2018
0.003	2024-Summer Targeted Charge-2	2019
0.006	2024-Summer Targeted Charge-3	2020
0.008	2024-Summer Targeted Charge-4	2021
0.010	2024-Summer Targeted Charge-5	2022
0.013	2024-Summer Targeted Charge-6	2023
0.015	2024-Summer Targeted Charge-7	2024
0.017	2024-Summer Targeted Charge-8	2025
0.019	2024-Summer Targeted Charge-9	2026
0.021	2024-Summer Targeted Charge-10	2027
0.022	2024-Summer Targeted Charge-11	2028
0.022	2024-Summer Targeted Charge-12	2029
0.022	2024-Summer Targeted Charge-13	2030
0.022	2024-Summer Targeted Charge-14	2031
0.022	2024-Summer Targeted Charge-15	2032
0.022	2024-Summer Targeted Charge-16	2033
0.022	2024-Summer Targeted Charge-17	2034
0.022	2024-Summer Targeted Charge-18	2035
0.022	2024-Summer Targeted Charge-19	2036
0.022	2024-Summer Targeted Charge-20	2037
0.022	2024-Summer Targeted Charge-21	2038
0.022	2024-Summer Targeted Charge-22	2039
0.022	2024-Summer Targeted Charge-23	2040
0.022	2024-Summer Targeted Charge-24	2041
0.022	2024-Summer Targeted Charge-25	2042

0.022 2024-Summer Targeted Charge-26
0.022 2024-Summer Targeted Charge-27

2024\$

0.001 2025-Summer Targeted Charge-1
0.003 2025-Summer Targeted Charge-2
0.006 2025-Summer Targeted Charge-3
0.008 2025-Summer Targeted Charge-4
0.011 2025-Summer Targeted Charge-5
0.013 2025-Summer Targeted Charge-6
0.015 2025-Summer Targeted Charge-7
0.018 2025-Summer Targeted Charge-8
0.020 2025-Summer Targeted Charge-9
0.021 2025-Summer Targeted Charge-10
0.022 2025-Summer Targeted Charge-11
0.022 2025-Summer Targeted Charge-12
0.022 2025-Summer Targeted Charge-13
0.022 2025-Summer Targeted Charge-14
0.022 2025-Summer Targeted Charge-15
0.022 2025-Summer Targeted Charge-16
0.022 2025-Summer Targeted Charge-17
0.022 2025-Summer Targeted Charge-18
0.022 2025-Summer Targeted Charge-19
0.022 2025-Summer Targeted Charge-20
0.022 2025-Summer Targeted Charge-21
0.022 2025-Summer Targeted Charge-22
0.022 2025-Summer Targeted Charge-23
0.022 2025-Summer Targeted Charge-24
0.022 2025-Summer Targeted Charge-25

2024\$

0.001 2026-Summer Targeted Charge-1
0.004 2026-Summer Targeted Charge-2
0.006 2026-Summer Targeted Charge-3
0.008 2026-Summer Targeted Charge-4
0.011 2026-Summer Targeted Charge-5
0.013 2026-Summer Targeted Charge-6
0.016 2026-Summer Targeted Charge-7
0.018 2026-Summer Targeted Charge-8
0.020 2026-Summer Targeted Charge-9
0.022 2026-Summer Targeted Charge-10
0.023 2026-Summer Targeted Charge-11
0.023 2026-Summer Targeted Charge-12
0.023 2026-Summer Targeted Charge-13
0.023 2026-Summer Targeted Charge-14
0.023 2026-Summer Targeted Charge-15
0.023 2026-Summer Targeted Charge-16
0.023 2026-Summer Targeted Charge-17
0.023 2026-Summer Targeted Charge-18
0.023 2026-Summer Targeted Charge-19

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0.023 2026-Summer Targeted Charge-20
 0.023 2026-Summer Targeted Charge-21
 0.023 2026-Summer Targeted Charge-22
 0.023 2026-Summer Targeted Charge-23
 0.023 2026-Summer Targeted Charge-24
 0.023 2026-Summer Targeted Charge-25

Top 20 Winter Hours

Energy DRIPE \$/kWh	Key	Year
VOIDED COSTS		
2024\$		AESC, AN
0.009	2024-Top 20 Winter Hours-1	2018
0.025	2024-Top 20 Winter Hours-2	2019
0.045	2024-Top 20 Winter Hours-3	2020
0.064	2024-Top 20 Winter Hours-4	2021
0.083	2024-Top 20 Winter Hours-5	2022
0.101	2024-Top 20 Winter Hours-6	2023
0.118	2024-Top 20 Winter Hours-7	2024
0.133	2024-Top 20 Winter Hours-8	2025
0.147	2024-Top 20 Winter Hours-9	2026
0.159	2024-Top 20 Winter Hours-10	2027
0.167	2024-Top 20 Winter Hours-11	2028
0.167	2024-Top 20 Winter Hours-12	2029
0.167	2024-Top 20 Winter Hours-13	2030
0.167	2024-Top 20 Winter Hours-14	2031
0.167	2024-Top 20 Winter Hours-15	2032
0.167	2024-Top 20 Winter Hours-16	2033
0.167	2024-Top 20 Winter Hours-17	2034
0.167	2024-Top 20 Winter Hours-18	2035
0.167	2024-Top 20 Winter Hours-19	2036
0.167	2024-Top 20 Winter Hours-20	2037
0.167	2024-Top 20 Winter Hours-21	2038
0.167	2024-Top 20 Winter Hours-22	2039
0.167	2024-Top 20 Winter Hours-23	2040
0.167	2024-Top 20 Winter Hours-24	2041
0.167	2024-Top 20 Winter Hours-25	2042
0.167	2024-Top 20 Winter Hours-26	2043
0.167	2024-Top 20 Winter Hours-27	2044
2024\$		2045
0.009	2025-Top 20 Winter Hours-1	2046
0.026	2025-Top 20 Winter Hours-2	2047
0.046	2025-Top 20 Winter Hours-3	2048
0.065	2025-Top 20 Winter Hours-4	2049
0.085	2025-Top 20 Winter Hours-5	2050
0.103	2025-Top 20 Winter Hours-6	
0.121	2025-Top 20 Winter Hours-7	

0.136 2025-Top 20 Winter Hours-8
 0.151 2025-Top 20 Winter Hours-9
 0.163 2025-Top 20 Winter Hours-10
 0.171 2025-Top 20 Winter Hours-11
 0.171 2025-Top 20 Winter Hours-12
 0.171 2025-Top 20 Winter Hours-13
 0.171 2025-Top 20 Winter Hours-14
 0.171 2025-Top 20 Winter Hours-15
 0.171 2025-Top 20 Winter Hours-16
 0.171 2025-Top 20 Winter Hours-17
 0.171 2025-Top 20 Winter Hours-18
 0.171 2025-Top 20 Winter Hours-19
 0.171 2025-Top 20 Winter Hours-20
 0.171 2025-Top 20 Winter Hours-21
 0.171 2025-Top 20 Winter Hours-22
 0.171 2025-Top 20 Winter Hours-23
 0.171 2025-Top 20 Winter Hours-24
 0.171 2025-Top 20 Winter Hours-25

2024\$

0.009 2026-Top 20 Winter Hours-1
 0.027 2026-Top 20 Winter Hours-2
 0.047 2026-Top 20 Winter Hours-3
 0.067 2026-Top 20 Winter Hours-4
 0.087 2026-Top 20 Winter Hours-5
 0.106 2026-Top 20 Winter Hours-6
 0.124 2026-Top 20 Winter Hours-7
 0.140 2026-Top 20 Winter Hours-8
 0.155 2026-Top 20 Winter Hours-9
 0.167 2026-Top 20 Winter Hours-10
 0.175 2026-Top 20 Winter Hours-11
 0.175 2026-Top 20 Winter Hours-12
 0.175 2026-Top 20 Winter Hours-13
 0.175 2026-Top 20 Winter Hours-14
 0.175 2026-Top 20 Winter Hours-15
 0.175 2026-Top 20 Winter Hours-16
 0.175 2026-Top 20 Winter Hours-17
 0.175 2026-Top 20 Winter Hours-18
 0.175 2026-Top 20 Winter Hours-19
 0.175 2026-Top 20 Winter Hours-20
 0.175 2026-Top 20 Winter Hours-21
 0.175 2026-Top 20 Winter Hours-22
 0.175 2026-Top 20 Winter Hours-23
 0.175 2026-Top 20 Winter Hours-24
 0.175 2026-Top 20 Winter Hours-25

Winter Targeted Charge

Energy DRIPE

Key

Year

\$/kWh	
VOIDED COSTS	
2024\$	
0.004	2024-Winter Targeted Charge-1
0.011	2024-Winter Targeted Charge-2
0.020	2024-Winter Targeted Charge-3
0.029	2024-Winter Targeted Charge-4
0.037	2024-Winter Targeted Charge-5
0.045	2024-Winter Targeted Charge-6
0.052	2024-Winter Targeted Charge-7
0.059	2024-Winter Targeted Charge-8
0.066	2024-Winter Targeted Charge-9
0.071	2024-Winter Targeted Charge-10
0.074	2024-Winter Targeted Charge-11
0.074	2024-Winter Targeted Charge-12
0.074	2024-Winter Targeted Charge-13
0.074	2024-Winter Targeted Charge-14
0.074	2024-Winter Targeted Charge-15
0.074	2024-Winter Targeted Charge-16
0.074	2024-Winter Targeted Charge-17
0.074	2024-Winter Targeted Charge-18
0.074	2024-Winter Targeted Charge-19
0.074	2024-Winter Targeted Charge-20
0.074	2024-Winter Targeted Charge-21
0.074	2024-Winter Targeted Charge-22
0.074	2024-Winter Targeted Charge-23
0.074	2024-Winter Targeted Charge-24
0.074	2024-Winter Targeted Charge-25
0.074	2024-Winter Targeted Charge-26
0.074	2024-Winter Targeted Charge-27
2024\$	
0.004	2025-Winter Targeted Charge-1
0.012	2025-Winter Targeted Charge-2
0.020	2025-Winter Targeted Charge-3
0.029	2025-Winter Targeted Charge-4
0.038	2025-Winter Targeted Charge-5
0.046	2025-Winter Targeted Charge-6
0.054	2025-Winter Targeted Charge-7
0.061	2025-Winter Targeted Charge-8
0.067	2025-Winter Targeted Charge-9
0.073	2025-Winter Targeted Charge-10
0.076	2025-Winter Targeted Charge-11
0.076	2025-Winter Targeted Charge-12
0.076	2025-Winter Targeted Charge-13
0.076	2025-Winter Targeted Charge-14
0.076	2025-Winter Targeted Charge-15
0.076	2025-Winter Targeted Charge-16
0.076	2025-Winter Targeted Charge-17

year
AESC, AN
2018
2019
2020
2021
2022
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0.076 2025-Winter Targeted Charge-18
0.076 2025-Winter Targeted Charge-19
0.076 2025-Winter Targeted Charge-20
0.076 2025-Winter Targeted Charge-21
0.076 2025-Winter Targeted Charge-22
0.076 2025-Winter Targeted Charge-23
0.076 2025-Winter Targeted Charge-24
0.076 2025-Winter Targeted Charge-25

2024\$

0.004 2026-Winter Targeted Charge-1
0.012 2026-Winter Targeted Charge-2
0.021 2026-Winter Targeted Charge-3
0.030 2026-Winter Targeted Charge-4
0.039 2026-Winter Targeted Charge-5
0.047 2026-Winter Targeted Charge-6
0.055 2026-Winter Targeted Charge-7
0.062 2026-Winter Targeted Charge-8
0.069 2026-Winter Targeted Charge-9
0.074 2026-Winter Targeted Charge-10
0.078 2026-Winter Targeted Charge-11
0.078 2026-Winter Targeted Charge-12
0.078 2026-Winter Targeted Charge-13
0.078 2026-Winter Targeted Charge-14
0.078 2026-Winter Targeted Charge-15
0.078 2026-Winter Targeted Charge-16
0.078 2026-Winter Targeted Charge-17
0.078 2026-Winter Targeted Charge-18
0.078 2026-Winter Targeted Charge-19
0.078 2026-Winter Targeted Charge-20
0.078 2026-Winter Targeted Charge-21
0.078 2026-Winter Targeted Charge-22
0.078 2026-Winter Targeted Charge-23
0.078 2026-Winter Targeted Charge-24
0.078 2026-Winter Targeted Charge-25

Update the orange cells with AESC User Interface values consistent with Strategy

2

3

4

5

Retail Energy Costs Other Costing Period \$/kWh	Wholesale Energy Costs Other Costing Period \$/kWh	Net ZoZ DRIPe: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPe: 2019 vintage Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0513	0.0359		0.005
0.0482	0.0337		0.007
0.0438	0.0296		0.008
0.0489	0.0365		0.010
0.0478	0.0374		0.010
0.0458	0.0359		0.009
0.0466	0.0371		0.009
0.0463	0.0372		0.008
0.0493	0.0403		0.008
0.0540	0.0419		0.007
0.0559	0.0439		0.005
0.0558	0.0440		-
0.0554	0.0467		-
0.0588	0.0497		-
0.0626	0.0531		-
0.0647	0.0557		-
0.0670	0.0584		-
0.0695	0.0612		-
0.0723	0.0641		-
0.0752	0.0672		-
0.0784	0.0705		-
0.0818	0.0739		-
0.0854	0.0774		-
0.0892	0.0812		-
0.0932	0.0851		-
0.0975	0.0892		-
0.1020	0.0935		-

0.1067	0.0980	-	
0.1117	0.1027	-	
0.1169	0.1077	-	

Retail Energy Costs	Wholesale Energy Costs	Net ZoZ DRIP: 2021 vintage	Net ZoZ DRIP: 2019 vintage
Other Costing Period	Other Costing Period	Other Costing Period	Other Costing Period
\$/kWh	\$/kWh	\$/kWh	\$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0513	0.0359		0.005
0.0482	0.0337		0.007
0.0438	0.0296		0.008
0.0489	0.0365		0.010
0.0478	0.0374		0.010
0.0458	0.0359		0.009
0.0466	0.0371		0.009
0.0463	0.0372		0.008
0.0493	0.0403		0.008
0.0540	0.0419		0.007
0.0559	0.0439		0.005
0.0558	0.0440		-
0.0554	0.0467		-
0.0588	0.0497		-
0.0626	0.0531		-
0.0647	0.0557		-
0.0670	0.0584		-
0.0695	0.0612		-
0.0723	0.0641		-
0.0752	0.0672		-
0.0784	0.0705		-
0.0818	0.0739		-
0.0854	0.0774		-
0.0892	0.0812		-
0.0932	0.0851		-
0.0975	0.0892		-
0.1020	0.0935		-
0.1067	0.0980		-
0.1117	0.1027		-
0.1169	0.1077		-

Retail Energy Costs Other Costing Period \$/kWh	Wholesale Energy Costs Other Costing Period \$/kWh	Net ZoZ DRIPE: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPE: 2019 vintage Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			

0.0465	0.0313	0.002	-
0.0433	0.0292	0.002	-
0.0415	0.0275	0.003	-
0.0429	0.0310	0.003	-
0.0418	0.0318	0.003	-
0.0422	0.0326	0.003	-
0.0428	0.0336	0.003	-
0.0435	0.0346	0.003	-
0.0449	0.0362	0.003	-
0.0482	0.0365	0.002	-
0.0491	0.0376	0.002	-
0.0512	0.0397	-	-
0.0485	0.0403	-	-
0.0488	0.0405	-	-
0.0504	0.0418	-	-
0.0509	0.0429	-	-
0.0515	0.0440	-	-
0.0523	0.0452	-	-
0.0531	0.0464	-	-
0.0540	0.0476	-	-
0.0550	0.0489	-	-
0.0561	0.0501	-	-
0.0573	0.0515	-	-
0.0586	0.0528	-	-
0.0599	0.0542	-	-
0.0612	0.0556	-	-
0.0627	0.0571	-	-
0.0642	0.0586	-	-
0.0657	0.0602	-	-
0.0674	0.0618	-	-

Retail Energy Costs Other Costing Period \$/kWh	Wholesale Energy Costs Other Costing Period \$/kWh	Net ZoZ DRIPE: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPE: 2019 vintage Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0400	0.0253	0.001	-
0.0371	0.0234	0.001	-
0.0359	0.0224	0.002	-
0.0365	0.0250	0.002	-
0.0351	0.0256	0.002	-
0.0352	0.0261	0.002	-
0.0355	0.0268	0.002	-
0.0358	0.0275	0.002	-
0.0364	0.0283	0.002	-
0.0401	0.0290	0.001	-
0.0404	0.0295	0.001	-

0.0408	0.0301	-	-
0.0383	0.0309	-	-
0.0388	0.0313	-	-
0.0397	0.0319	-	-
0.0397	0.0325	-	-
0.0398	0.0332	-	-
0.0400	0.0338	-	-
0.0403	0.0345	-	-
0.0406	0.0352	-	-
0.0410	0.0359	-	-
0.0415	0.0366	-	-
0.0420	0.0373	-	-
0.0426	0.0380	-	-
0.0432	0.0388	-	-
0.0438	0.0395	-	-
0.0445	0.0403	-	-
0.0453	0.0411	-	-
0.0460	0.0419	-	-
0.0468	0.0427	-	-

Retail Energy Costs Other Costing Period \$/kWh	Wholesale Energy Costs Other Costing Period \$/kWh	Net ZoZ DRIPE: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPE: 2019 vintage Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0414	0.0267	0.001	-
0.0390	0.0252	0.002	-
0.0373	0.0236	0.002	-
0.0387	0.0271	0.002	-
0.0376	0.0279	0.002	-
0.0378	0.0285	0.002	-
0.0381	0.0292	0.002	-
0.0391	0.0306	0.002	-
0.0402	0.0319	0.002	-
0.0436	0.0322	0.002	-
0.0441	0.0330	0.001	-
0.0445	0.0335	-	-
0.0419	0.0342	-	-
0.0429	0.0350	-	-
0.0433	0.0352	-	-
0.0433	0.0359	-	-
0.0435	0.0366	-	-
0.0437	0.0372	-	-
0.0440	0.0379	-	-
0.0444	0.0387	-	-
0.0448	0.0394	-	-
0.0453	0.0401	-	-

0.0459	0.0409	-	-
0.0465	0.0416	-	-
0.0471	0.0424	-	-
0.0478	0.0432	-	-
0.0486	0.0440	-	-
0.0493	0.0449	-	-
0.0501	0.0457	-	-
0.0510	0.0466	-	-

Retail Energy Costs Other Costing Period \$/kWh	Wholesale Energy Costs Other Costing Period \$/kWh	Net ZoZ DRIPE: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPE: 2019 vintage Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0706	0.0537		0.008
0.0803	0.0635		0.015
0.0782	0.0615		0.018
0.0795	0.0648		0.018
0.0812	0.0683		0.019
0.0808	0.0684		0.018
0.0810	0.0689		0.017
0.0813	0.0697		0.016
0.0842	0.0726		0.015
0.0880	0.0734		0.013
0.0900	0.0755		0.009
0.0907	0.0763		-
0.0871	0.0761		-
0.0909	0.0794		-
0.0902	0.0786		-
0.0907	0.0798		-
0.0913	0.0809		-
0.0921	0.0821		-
0.0929	0.0832		-
0.0938	0.0844		-
0.0948	0.0856		-
0.0958	0.0869		-
0.0969	0.0881		-
0.0980	0.0894		-
0.0992	0.0906		-
0.1004	0.0919		-
0.1017	0.0933		-
0.1030	0.0946		-
0.1044	0.0959		-
0.1058	0.0973		-

Retail Energy Costs	Wholesale Energy Costs	Net ZoZ DRIPE: 2021 vintage	Net ZoZ DRIPE: 2019 vintage

Other Costing Period \$/kWh	Other Costing Period \$/kWh	Other Costing Period \$/kWh	Other Costing Period \$/kWh
ANNUAL AVOIDED COSTS, 2021\$			
0.0000			
0.0000			
0.0000			
0.0619	0.0456	0.003	-
0.0705	0.0544	0.007	-
0.0691	0.0531	0.008	-
0.0697	0.0557	0.008	-
0.0685	0.0565	0.008	-
0.0688	0.0572	0.008	-
0.0694	0.0582	0.008	-
0.0700	0.0591	0.007	-
0.0712	0.0606	0.007	-
0.0751	0.0614	0.006	-
0.0753	0.0619	0.004	-
0.0760	0.0627	-	-
0.0733	0.0633	-	-
0.0742	0.0640	-	-
0.0748	0.0644	-	-
0.0748	0.0651	-	-
0.0750	0.0657	-	-
0.0752	0.0664	-	-
0.0755	0.0671	-	-
0.0758	0.0678	-	-
0.0762	0.0684	-	-
0.0767	0.0691	-	-
0.0772	0.0698	-	-
0.0777	0.0705	-	-
0.0783	0.0713	-	-
0.0789	0.0720	-	-
0.0795	0.0727	-	-
0.0802	0.0734	-	-
0.0809	0.0742	-	-
0.0816	0.0749	-	-

Avoided REC Costs to Load
0.0000
0.0000
0.0000
0.0117
0.0109
0.0109
0.0088
0.0069
0.0065
0.0061
0.0056
0.0054
0.0081
0.0079
0.0077
0.0046
0.0047
0.0048
0.0042
0.0037
0.0032
0.0028
0.0024
0.0021
0.0018
0.0016
0.0014
0.0012
0.0011
0.0009

0.0008

0.0007

0.0006



**Avoided REC
Costs to
Load**

CALCULATE

0.0000
0.0000
0.0000
0.0117
0.0109
0.0109
0.0088
0.0069
0.0065
0.0061
0.0056
0.0054
0.0081
0.0079
0.0077
0.0046
0.0047
0.0048
0.0042
0.0037
0.0032
0.0028
0.0024
0.0021
0.0018
0.0016
0.0014
0.0012
0.0011
0.0009
0.0008
0.0007
0.0006

Avoided REC Costs to Load
CALCULATE
0.0000
0.0000
0.0000

0.0117
0.0109
0.0109
0.0088
0.0069
0.0065
0.0061
0.0056
0.0054
0.0081
0.0079
0.0077
0.0046
0.0047
0.0048
0.0042
0.0037
0.0032
0.0028
0.0024
0.0021
0.0018
0.0016
0.0014

0.0012
0.0011
0.0009
0.0008
0.0007
0.0006

Avoided REC
Costs to Load
CALCULATE
0.0000
0.0000
0.0000
0.0117
0.0109
0.0109
0.0088
0.0069
0.0065
0.0061
0.0056
0.0054
0.0081
0.0079

0.0077
0.0046
0.0047
0.0048
0.0042
0.0037
0.0032
0.0028
0.0024
0.0021
0.0018
0.0016
0.0014
0.0012
0.0011
0.0009
0.0008
0.0007
0.0006

Avoided REC	
Costs to	
Load	
CALCULATE	
0.0000	
0.0000	
0.0000	
0.0117	7/2/2021
0.0109	7/22/2021
0.0109	8/12/2021
0.0088	8/13/2021
0.0069	8/14/2021
0.0065	8/15/2021
0.0061	
0.0056	
0.0054	
0.0081	
0.0079	
0.0077	
0.0046	
0.0047	
0.0048	
0.0042	
0.0037	
0.0032	
0.0028	
0.0024	
0.0021	
0.0018	

7/2/2021
7/22/2021
8/12/2021
8/13/2021
8/14/2021
8/15/2021

0.0016
0.0014
0.0012
0.0011
0.0009
0.0008
0.0007
0.0006



**Avoided REC
Costs to
Load**

CALCULATE

0.0000
0.0000
0.0000
0.0117
0.0109
0.0109
0.0088
0.0069
0.0065
0.0061
0.0056
0.0054
0.0081
0.0079
0.0077
0.0046
0.0047
0.0048
0.0042
0.0037
0.0032
0.0028
0.0024
0.0021
0.0018
0.0016
0.0014
0.0012
0.0011
0.0009
0.0008
0.0007
0.0006

Avoided REC
Costs to

**Load
CALCULATE**

0.0000

0.0000

0.0000

0.0117

1/2/2021

0.0109

1/3/2021

0.0109

1/7/2021

0.0088

1/8/2021

0.0069

1/31/2021

0.0065

12/2/2021

0.0061

12/4/2021

0.0056

12/8/2021

0.0054

12/9/2021

0.0081

12/16/2021

0.0079

0.0077

0.0046

0.0047

0.0048

0.0042

0.0037

0.0032

0.0028

0.0024

0.0021

0.0018

0.0016

0.0014

0.0012

0.0011

0.0009

0.0008

0.0007

0.0006

Program Cost-Effectiveness

2024									
	Benefit/Cost		Utility Costs (\$000 - 2024\$) ¹	Customer Costs (\$000 - 2024\$) ¹	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio Granite State Test	Benefit (\$000) Granite State Test							
Residential Programs									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	0.87	131.8	151.7	-	-	-	600.0	800	
Sub-Total Residential	0.87	131.8	151.7	-	-	-	600.0	800	
Commercial, Industrial & Municipal									
C5 - C&I Active Demand Response	2.88	734.5	255.0	-	-	-	3,343.2	34	
Sub-Total Commercial & Industrial	2.88	734.5	255.0	-	-	-	3,343.2	34	
Total	2.13	866.3	406.7	-	-	-	3,943.2	834	

(1) Utility and Customer Costs and Benefits are expressed in 2024 Dollars.

2025									
	Benefit/Cost		Utility Costs (\$000 - 2024\$) ¹	Customer Costs (\$000 - 2024\$) ¹	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio Granite State Test	Benefit (\$000) Granite State Test							
Residential Programs									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	1.68	202.9	120.6	-	-	-	900.0	1,200	
Sub-Total Residential	1.68	202.9	120.6	-	-	-	900.0	1,200	
Commercial, Industrial & Municipal									
C5 - C&I Active Demand Response	3.22	1,130.3	351.0	-	-	-	5,014.8	51	
Sub-Total Commercial & Industrial	3.22	1,130.3	351.0	-	-	-	5,014.8	51	
Total	2.83	1,333.2	471.7	-	-	-	5,914.8	1,251	

(1) Utility and Customer Costs and Benefits are expressed in 2024 Dollars.

2026									
	Benefit/Cost		Utility Costs (\$000 - 2024\$) ¹	Customer Costs (\$000 - 2024\$) ¹	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio Granite State Test	Benefit (\$000) Granite State Test							
Residential Programs									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	2.08	259.9	125.2	-	-	-	1,125.0	1,500	
Sub-Total Residential	2.08	259.9	125.2	-	-	-	1,125.0	1,500	
Commercial, Industrial & Municipal									
C5 - C&I Active Demand Response	3.77	1,737.5	460.8	-	-	-	7,522.2	77	
Sub-Total Commercial & Industrial	3.77	1,737.5	460.8	-	-	-	7,522.2	77	
Total	3.41	1,997.4	586.1	-	-	-	8,647.2	1,577	

(1) Utility and Customer Costs and Benefits are expressed in 2024 Dollars.

Present Value Benefits

	Total Benefits (\$000)	Resource Benefits (\$000)									Non-Resource Benefits (\$000)			
		Electric					Non-Electric				Total Resource Benefits	Fossil Emissions	Other Non-Resource Benefits	Total Non-Resource Benefits
		CAPACITY				ENERGY	Electric DRIPE	Total Electric Benefit	Other Fuels	Water Benefit				
Granite State Test	Summer Generation	Winter Generation	Transmission	Distribution										
2024														
Residential Programs														
A5 - Residential Active Demand Response	\$ 132	\$ 4	\$ -	\$ 58	\$ 68	\$ -	\$ 2	\$ 132	\$ -	\$ -	\$ 132	\$ -	\$ -	\$ -
Sub-Total Residential	\$ 132	\$ 4	\$ -	\$ 58	\$ 68	\$ -	\$ 2	\$ 132	\$ -	\$ -	\$ 132	\$ -	\$ -	\$ -
Commercial/Industrial Programs														
C5 - C&I Active Demand Response	\$ 734	\$ 22	\$ -	\$ 324	\$ 379	\$ -	\$ 10	\$ 734	\$ -	\$ -	\$ 734	\$ -	\$ -	\$ -
Sub-Total Commercial & Industrial	\$ 734	\$ 22	\$ -	\$ 324	\$ 379	\$ -	\$ 10	\$ 734	\$ -	\$ -	\$ 734	\$ -	\$ -	\$ -
Total	\$ 866	\$ 26	\$ -	\$ 382	\$ 447	\$ -	\$ 11	\$ 866	\$ -	\$ -	\$ 866	\$ -	\$ -	\$ -
2025														
Residential Programs														
A5 - Residential Active Demand Response	\$ 203	\$ 6	\$ -	\$ 89	\$ 105	\$ -	\$ 3	\$ 203	\$ -	\$ -	\$ 203	\$ -	\$ -	\$ -
Sub-Total Residential	\$ 203	\$ 6	\$ -	\$ 89	\$ 105	\$ -	\$ 3	\$ 203	\$ -	\$ -	\$ 203	\$ -	\$ -	\$ -
Commercial/Industrial Programs														
C5 - C&I Active Demand Response	\$ 1,130	\$ 35	\$ -	\$ 498	\$ 583	\$ -	\$ 15	\$ 1,130	\$ -	\$ -	\$ 1,130	\$ -	\$ -	\$ -
Sub-Total Commercial & Industrial	\$ 1,130	\$ 35	\$ -	\$ 498	\$ 583	\$ -	\$ 15	\$ 1,130	\$ -	\$ -	\$ 1,130	\$ -	\$ -	\$ -
Total	\$ 1,333	\$ 41	\$ -	\$ 587	\$ 688	\$ -	\$ 18	\$ 1,333	\$ -	\$ -	\$ 1,333	\$ -	\$ -	\$ -
2026														
Residential Programs														
A5 - Residential Active Demand Response	\$ 260	\$ 8	\$ -	\$ 114	\$ 134	\$ -	\$ 3	\$ 260	\$ -	\$ -	\$ 260	\$ -	\$ -	\$ -
Sub-Total Residential	\$ 260	\$ 8	\$ -	\$ 114	\$ 134	\$ -	\$ 3	\$ 260	\$ -	\$ -	\$ 260	\$ -	\$ -	\$ -
Commercial/Industrial Programs														
C5 - C&I Active Demand Response	\$ 1,737	\$ 54	\$ -	\$ 765	\$ 896	\$ -	\$ 23	\$ 1,737	\$ -	\$ -	\$ 1,737	\$ -	\$ -	\$ -
Sub-Total Commercial & Industrial	\$ 1,737	\$ 54	\$ -	\$ 765	\$ 896	\$ -	\$ 23	\$ 1,737	\$ -	\$ -	\$ 1,737	\$ -	\$ -	\$ -
Total	\$ 1,997	\$ 62	\$ -	\$ 879	\$ 1,030	\$ -	\$ 26	\$ 1,997	\$ -	\$ -	\$ 1,997	\$ -	\$ -	\$ -