

# Lookups and Assumptions

## GENERAL INPUTS

<b>Fuel</b>	Electric
<b>PA</b>	Unitil Energy Systems Inc
<b>Period</b>	Planned
<b>Year 1</b>	2024
<b>Year 2</b>	2025
<b>Year 3</b>	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)
<b>Natural Gas</b>	116.65
<b>Oil</b>	163.45
<b>Propane</b>	138.63
<b>Kerosene</b>	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**

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## 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



C



2024-2026	Source / Notes
2021	<i>Avoided Energy Supply Components in New England: 2021 Report</i> , May 2021 Release, Appendix B. 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
7.75%	7.75%	7.75%	Updated June 1, 2023. Based on <i>Efficiency Group Report</i> , (https://www.jporganchas.com/energy/energy-efficiency/energy-efficiency-report-2023/)
6.30%	6.30%	6.30%	Updated June 22, 2023. Based on <i>Efficiency Group Report</i> , (https://fred.stlouisfed.org/c)
1.36%	1.36%	1.36%	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. The value is \$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%
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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)





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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.

e.

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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 [gse.com/about/our-business/historical-prime-rate](https://www.gse.com/about/our-business/historical-prime-rate)

For modeling purposes  
Prime Rate as of February 2023

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

For modeling purposes  
inflation rate for January 2023

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

release

release

ilities do not have additional benefits related to avoided local transmission

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

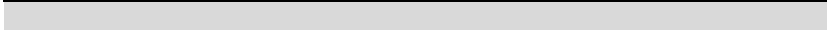
IH and Concord, NH water and sewer costs per gallon from July 2016.



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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es, using the current  
ruary 2023.

es, using a forecast  
ary 2023.



mary Granite State Test.  
mary Granite State Test.

	A	D	E	F	G	H	I	J	K	L
1										
2										
3										
4	Year	Subprogram (Dropdown)	Internal Admin	External Admin	Rebate / Services	Implementatio n Services	Marketing	EM&V	Performance Incentive	TOTAL PA COSTS
5	2024	A5a - Residential Active Demand Response	\$ 1,330	\$ 201	\$ 40,000	\$ 27,538	\$ 931			\$ 70,000
7	2024	C5a - C&I Active Demand Response	\$ 3,112	\$ 233	\$ 100,000	\$ 105,758	\$ 2,179			\$ 211,283
8	2025	A5a - Residential Active Demand Response	\$ 1,370	\$ 206	\$ 45,000	\$ 29,811	\$ 959			\$ 77,346
10	2025	C5a - C&I Active Demand Response	\$ 3,206	\$ 242	\$ 105,000	\$ 115,098	\$ 2,244			\$ 225,790
11	2026	A5a - Residential Active Demand Response	\$ 1,411	\$ 213	\$ 57,608	\$ 19,793	\$ 988			\$ 80,013
13	2026	C5a - C&I Active Demand Response	\$ 3,302	\$ 249	\$ 158,242	\$ 75,401	\$ 2,311			\$ 239,505



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 (%)	
0.85	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
0.00	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
159.50	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%
No	No	10%
No	No	10%

Savings

Costs



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 (%)	
0.85	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
0.00	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
159.50	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%

Savings Costs





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 (%)	
0.85	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
0.00	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
159.50	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%
No	No	10%
No	No	10%

Savings

Costs

Year 2024

Sector	Program	Subprogram	Measure	Measure ID	End Use	Quantity	Measure Life	Costs			Energy Savings										Peak Demand								
								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 Uplift	Winter Off-Peak Energy MWh Net Uplift	Summer Peak Energy MWh Net Uplift	Summer Off-Peak Energy MWh Net Uplift	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	ASa - Residential Active D	Direct Load Control Targeted Dispatch Uplift/Annual Incentive Summer	E21ASa001	Behavior	750	1	\$ 37,500	\$ 37,500	\$ -	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	0.000	638,000	0.000	0.000	638,000	638,000
A - Residential	AS - Residential Actv	ASa - Residential Active D	Behavior DR	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Daily Dispatch Uplift Incentive (savings) Summer	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Daily Dispatch Uplift Incentive (consumption) Summer	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Daily Dispatch Uplift Incentive (savings) Winter	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Daily Dispatch Uplift Incentive (consumption) Winter	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Daily Dispatch PAP (savings) Summer	E21ASa002	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Targeted Dispatch PAP (savings) Winter	E21ASa003	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	Storage Targeted Dispatch PAP (consumption) Winter	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - Residential Active D	EV Load Management Summer	0	Behavior																								
A - Residential	AS - Residential Actv	ASa - 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	CSa - C&I Active Demand	Load Curtailment Targeted Dispatch PAP Summer	E21CSa001	Behavior	20	1	\$ 50,000	\$ 50,000	\$ -	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	3,190,000	0.000	0.000	3,190,000	3,190,000	
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Load Curtailment Targeted Dispatch PAP Winter	0	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch Uplift Incentive (savings) Summer	0	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch Uplift Incentive (consumption) Summer	0	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch Uplift Incentive (savings) Winter	0	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch Uplift Incentive (consumption) Winter	0	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch PAP (savings) Summer	E21CSa002	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Daily Dispatch PAP (consumption) Summer	E21CSa003	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Targeted Dispatch PAP (savings) Summer	E21CSa004	Behavior																								
C - Commercial	CS - C&I Active Dem	CSa - C&I Active Demand	Storage Targeted Dispatch PAP (consumption) Summer	E21CSa005	Behavior																								







Company	Distribution	Program Administrator	Year	Reporting Period	Sector	Program (Dropdown)	Subprogram (Dropdown)							Total Program Costs
								Internal Admin	External Admin	Rebate / Services	Implementation Services	Marketing	EM&V	
Electric	Unitil Energy Sys	2024	Planned	A - Residential	A5 - Residential Active Demand R	A5a - Residential Active Demanc	\$ 1,330	\$ 201	\$ 40,000	\$ 27,538	\$ 931	\$ -	\$ 70,000	
Electric	Unitil Energy Sys	2024	Planned	B - Low-Income	Home Energy Assistance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Unitil Energy Sys	2024	Planned	C - Commercial & Industri	C5 - C&I Active Demand Response	C5a - C&I Active Demand Respo	\$ 3,112	\$ 233	\$ 100,000	\$ 105,758	\$ 2,179	\$ -	\$ 211,283	
Electric	Unitil Energy Sys	2025	Planned	A - Residential	A5 - Residential Active Demand R	A5a - Residential Active Demanc	\$ 1,370	\$ 206	\$ 45,000	\$ 29,811	\$ 959	\$ -	\$ 77,346	
Electric	Unitil Energy Sys	2025	Planned	B - Low-Income	Home Energy Assistance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Unitil Energy Sys	2025	Planned	C - Commercial & Industri	C5 - C&I Active Demand Response	C5a - C&I Active Demand Respo	\$ 3,206	\$ 242	\$ 105,000	\$ 115,098	\$ 2,244	\$ -	\$ 225,790	
Electric	Unitil Energy Sys	2026	Planned	A - Residential	A5 - Residential Active Demand R	A5a - Residential Active Demanc	\$ 1,411	\$ 213	\$ 57,608	\$ 19,793	\$ 988	\$ -	\$ 80,013	
Electric	Unitil Energy Sys	2026	Planned	B - Low-Income	Home Energy Assistance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Electric	Unitil Energy Sys	2026	Planned	C - Commercial & Industri	C5 - C&I Active Demand Response	C5a - C&I Active Demand Respo	\$ 3,302	\$ 249	\$ 158,242	\$ 75,401	\$ 2,311	\$ -	\$ 239,505	

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

Total Program Costs (2024\$)	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)
\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000		-	638.00	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-
\$ 211,283	\$ -	\$ -	\$ -	\$ -	\$ 211,283	\$ 211,283		-	3,190.00	-	-	-	-	-
\$ 71,783	\$ -	\$ -	\$ -	\$ -	\$ 77,346	\$ 71,783		-	669.90	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-
\$ 209,550	\$ -	\$ -	\$ -	\$ -	\$ 225,790	\$ 209,550		-	3,349.50	-	-	-	-	-
\$ 68,917	\$ -	\$ -	\$ -	\$ -	\$ 80,013	\$ 68,917		-	703.40	-	-	-	-	-
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	-	-	-
\$ 206,291	\$ -	\$ -	\$ -	\$ -	\$ 239,505	\$ 206,291		-	3,516.98	-	-	-	-	-

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	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)
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Adj Gross Annual Natural Gas (MMBTU)	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)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AA:AA Adj. Gross Annual Gas Savings (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 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)
-	-	-	-	-	-	-	-	-	-	-	-	-

Multiplied by 10    Multiplied by 10



Winter Off-Peak Energy Benefits (\$)	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
-	-	-	-	-	\$ -	4,760.18	-	2,048.43	-	63,937.81	-	77,734.10	\$ 148,481	-
-	-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	-	\$ -	23,800.88	-	10,242.15	-	319,689.05	-	388,670.52	\$ 742,403	-
-	-	-	-	-	\$ -	5,404.76	-	2,291.02	-	70,403.83	-	85,595.35	\$ 163,695	-
-	-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	-	\$ -	27,023.82	-	11,455.12	-	352,019.16	-	427,976.73	\$ 818,475	-
-	-	-	-	-	\$ -	5,951.35	-	2,522.71	-	77,523.76	-	94,251.59	\$ 180,249	-
-	-	-	-	-	\$ -	-	-	-	-	-	-	-	\$ -	-
-	-	-	-	-	\$ -	29,756.74	-	12,613.57	-	387,618.82	-	471,257.96	\$ 901,247	-

BE:BE Winter Off-Peak Energy Benefits (\$)	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
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 148,481	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 742,403	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 163,695	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 818,475	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 180,249	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ -	-	-	-
-	\$ -	-	-	-	-	-	-	-	\$ -	\$ 901,247	-	-	-

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
\$ 148,481	\$ 148,481	\$ 148,481	\$ 148,481	\$ 2,048	\$ -	\$ -	'CalcsYr1'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr1'
\$ 742,403	\$ 742,403	\$ 742,403	\$ 742,403	\$ 10,242	\$ -	\$ -	'CalcsYr1'
\$ 163,695	\$ 163,695	\$ 163,695	\$ 163,695	\$ 2,291	\$ -	\$ -	'CalcsYr2'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr2'
\$ 818,475	\$ 818,475	\$ 818,475	\$ 818,475	\$ 11,455	\$ -	\$ -	'CalcsYr2'
\$ 180,249	\$ 180,249	\$ 180,249	\$ 180,249	\$ 2,523	\$ -	\$ -	'CalcsYr3'
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	'CalcsYr3'
\$ 901,247	\$ 901,247	\$ 901,247	\$ 901,247	\$ 12,614	\$ -	\$ -	'CalcsYr3'

Water not included



1 New Hampshire LS_ID	2 3 4 5 Total Energy %				6
	Winter OnPeak	Winter OffPeak	Summer OnPeak	Summer OffPeak	Winter Demand Factor
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
<b>2024</b>					
<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	-	-	-	-
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	-	-	-	-
<b>Total for Benefits</b>	41.94	84.60	128.65	172.51	215.60

		<b>Wholesale Net Uncleared Capacity DRIPE,</b>				
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	-	-	-	-	-
<b>Total for Benefits</b>		18.05	34.70	50.50	63.00	146.24

<b>2025</b>		<b>Wholesale Uncleared Capacity Avoided Co</b>				
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	-	-	-	-	-
<b>Total for Benefits</b>		42.66	86.72	130.58	173.67	217.27

		<b><i>Wholesale Net Uncleared Capacity DRIPE,</i></b>				
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	-	-	-	-	-
<b>Total for Benefits</b>		18.08	51.75	130.16	221.78	393.13

<b>2026</b>						
		<b><i>Wholesale Uncleared Capacity Avoided Co</i></b>				
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	-	-	-	-	-
<b>Total for Benefits</b>		42.09	85.55	128.82	171.33	214.35

		<b><i>Wholesale Net Uncleared Capacity DRIPE,</i></b>				
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	-	-	-	-	-

<b>2048</b>	<b>N+22</b>	-	-	-	-	-
<b>2049</b>	<b>N+23</b>	-	-	-	-	-
<b>2050</b>	<b>N+24</b>	-	-	-	-	-
<b>Total for Benefits</b>		17.84	51.05	128.41	218.80	387.84

# 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
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
259.21	299.82	341.14	383.17	425.94	469.46	513.73	558.77	558.77







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
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
254.41	295.17	336.65	378.84	421.77	465.45	509.88	555.09

**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
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-



-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
396.20	403.66	407.87	409.76	410.24	410.24	410.24	410.24

# 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	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
50.06	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	51.63
53.24	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	54.91
56.63	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	58.40
60.23	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	62.11
44.84	64.05	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	66.06
20.44	34.06	47.69	68.13	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	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
-	-	-	-	7.95	23.84	39.74	55.63	55.63
604.60	651.23	698.66	746.93	796.03	840.78	875.90	901.22	

-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
327.99	327.99	327.99	327.99	327.99	327.99	327.99	327.99

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





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
601.09	647.89	695.50	738.90	772.95	797.51	812.39	812.39

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



22	23	24	25	Program Duration (Measure Life)			
				1	2	3	4
<b>2024\$</b>							
				<b><i>Retail Uncleared Capacity Avoided Costs</i></b>			
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
14.74	14.74	14.74	14.74	22.19	22.19	22.19	22.19
23.39	23.39	23.39	23.39	14.08	35.19	35.19	35.19
35.17	35.17	35.17	35.17	15.12	30.24	52.92	52.92
48.04	48.04	48.04	48.04	16.06	32.13	48.19	72.29
52.83	52.83	52.83	52.83	7.95	23.85	39.75	55.65
63.90	63.90	63.90	63.90	-	9.62	28.85	48.08
50.06	50.06	50.06	50.06	-	-	7.53	22.60
51.63	51.63	51.63	51.63	-	-	-	7.77
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	-	-	-	-
916.57	916.57	916.57	916.57	68.45	138.08	210.00	281.59



-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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
0.00	0.00	0.00	0.00
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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327.99	327.99	327.99	327.99

<b>Retail Net Uncleared Capacity DRIPE, Zor</b>			
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14.62	14.62	14.62	14.62
7.38	22.23	22.23	22.23
5.94	13.43	28.52	28.52
4.22	10.23	17.81	33.08
-	1.66	7.79	15.53
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29.46	56.64	82.42	102.83

		2025\$		2024\$	
		<b>Retail Uncleared Capacity Avoided Costs</b>			
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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
874.64	874.64	874.64	874.64

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-	-	-	-
22.44	22.44	22.44	22.44
16.07	40.18	40.18	40.18
17.08	34.15	59.77	59.77
16.90	33.80	50.71	76.06
10.22	30.66	51.11	71.55
-	8.01	24.02	40.04
-	-	8.26	24.78
-	-	-	8.52
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74.02	150.46	226.56	301.33

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9.87	9.87	9.87	9.87
15.01	15.01	15.01	15.01

<b>Retail Net Uncleared Capacity DRIPE, Zor</b>			
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15.79	15.79	15.79	15.79
7.97	24.01	24.01	24.01

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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415.83	415.83	415.83	415.83

6.38	14.44	30.67	30.67
4.58	11.10	19.33	35.89
-	35.75	167.59	334.07
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31.38	89.79	225.85	384.81

				2026\$	2024\$		
				<i>Retail Uncleared Capacity Avoided Costs</i>			
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-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
14.03	14.03	14.03	14.03	23.86	23.86	23.86	23.86
25.12	25.12	25.12	25.12	17.09	42.71	42.71	42.71
37.36	37.36	37.36	37.36	18.15	36.31	63.53	63.53
47.55	47.55	47.55	47.55	17.97	35.93	53.90	80.85
63.90	63.90	63.90	63.90	10.87	32.60	54.33	76.06
50.06	50.06	50.06	50.06	-	8.51	25.54	42.56
51.63	51.63	51.63	51.63	-	-	8.78	26.34



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410.24	410.24	410.24	410.24

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32.90	94.16	236.84	403.55

# RETAIL RATES ADJUSTED FOR I

5	6	7	8	9	10	11
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## - NH - Sustained Demand Reductions

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-	-	-	-	-	-	-
22.19	22.19	22.19	22.19	22.19	22.19	22.19
35.19	35.19	35.19	35.19	35.19	35.19	35.19
52.92	52.92	52.92	52.92	52.92	52.92	52.92
72.29	72.29	72.29	72.29	72.29	72.29	72.29
79.50	79.50	79.50	79.50	79.50	79.50	79.50
67.31	96.16	96.16	96.16	96.16	96.16	96.16
37.67	52.73	75.33	75.33	75.33	75.33	75.33
23.31	38.85	54.38	77.69	77.69	77.69	77.69
8.01	24.04	40.06	56.09	80.12	80.12	80.12
-	8.26	24.79	41.31	57.84	82.63	82.63
-	-	8.52	25.56	42.61	59.65	85.21
-	-	-	8.79	26.36	43.94	61.52
-	-	-	-	9.06	27.19	45.31
-	-	-	-	-	9.35	28.04
-	-	-	-	-	-	9.64
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351.92	423.09	489.38	556.82	625.44	695.25	766.27

**one-on-Zone - NH - Sustained Demand Reductions**

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-	-	-	-	-	-	-
14.62	14.62	14.62	14.62	14.62	14.62	14.62
22.23	22.23	22.23	22.23	22.23	22.23	22.23
28.52	28.52	28.52	28.52	28.52	28.52	28.52
33.08	33.08	33.08	33.08	33.08	33.08	33.08
31.11	31.11	31.11	31.11	31.11	31.11	31.11
140.84	456.16	456.16	456.16	456.16	456.16	456.16
-	-	14.38	14.38	14.38	14.38	14.38
-	-	-	8.22	8.22	8.22	8.22
-	-	-	-	3.73	3.73	3.73
-	-	-	-	-	0.96	0.96
-	-	-	-	-	-	0.00
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238.70	512.21	524.52	531.46	534.56	535.36	535.36

**- NH - Sustained Demand Reductions**

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30.67	30.67	30.67	30.67	30.67	30.67	30.67
35.89	35.89	35.89	35.89	35.89	35.89	35.89
669.26	669.26	669.26	669.26	669.26	669.26	669.26
7.67	24.85	24.85	24.85	24.85	24.85	24.85
-	-	15.55	15.55	15.55	15.55	15.55
-	-	-	8.88	8.88	8.88	8.88
-	-	-	-	4.04	4.04	4.04
-	-	-	-	-	1.04	1.04
-	-	-	-	-	-	0.00
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682.12	696.82	709.94	717.34	720.66	721.50	721.50

**- NH - Sustained Demand Reductions**

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23.86	23.86	23.86	23.86	23.86	23.86	23.86
42.71	42.71	42.71	42.71	42.71	42.71	42.71
63.53	63.53	63.53	63.53	63.53	63.53	63.53
80.85	80.85	80.85	80.85	80.85	80.85	80.85
108.65	108.65	108.65	108.65	108.65	108.65	108.65
59.59	85.13	85.13	85.13	85.13	85.13	85.13
43.89	61.45	87.79	87.79	87.79	87.79	87.79



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715.33	730.75	744.51	752.27	755.75	756.64	756.64

# LIMITED HOUR DEMAND REDUCTIONS -- \$/k

	12	13	14	15	16	17	18
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-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
22.19	22.19	22.19	22.19	22.19	22.19	22.19	22.19
35.19	35.19	35.19	35.19	35.19	35.19	35.19	35.19
52.92	52.92	52.92	52.92	52.92	52.92	52.92	52.92
72.29	72.29	72.29	72.29	72.29	72.29	72.29	72.29
79.50	79.50	79.50	79.50	79.50	79.50	79.50	79.50
96.16	96.16	96.16	96.16	96.16	96.16	96.16	96.16
75.33	75.33	75.33	75.33	75.33	75.33	75.33	75.33
77.69	77.69	77.69	77.69	77.69	77.69	77.69	77.69
80.12	80.12	80.12	80.12	80.12	80.12	80.12	80.12
82.63	82.63	82.63	82.63	82.63	82.63	82.63	82.63
85.21	85.21	85.21	85.21	85.21	85.21	85.21	85.21
87.88	87.88	87.88	87.88	87.88	87.88	87.88	87.88
63.44	90.63	90.63	90.63	90.63	90.63	90.63	90.63
46.73	65.43	93.47	93.47	93.47	93.47	93.47	93.47
28.92	48.19	67.47	96.39	96.39	96.39	96.39	96.39
9.94	29.82	49.70	69.58	99.41	99.41	99.41	99.41
-	10.25	30.75	51.26	71.76	102.52	102.52	102.52
-	-	10.57	31.72	52.86	74.01	105.72	105.72
-	-	-	10.90	32.71	54.52	76.32	76.32
-	-	-	-	11.24	33.73	56.22	56.22
-	-	-	-	-	11.60	34.79	34.79
-	-	-	-	-	-	11.96	11.96
<b>838.54</b>	<b>912.06</b>	<b>986.86</b>	<b>1,062.96</b>	<b>1,140.39</b>	<b>1,219.17</b>	<b>1,299.32</b>	<b>1,299.32</b>

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-	-	-	-	-	-	-
14.62	14.62	14.62	14.62	14.62	14.62	14.62
22.23	22.23	22.23	22.23	22.23	22.23	22.23
28.52	28.52	28.52	28.52	28.52	28.52	28.52
33.08	33.08	33.08	33.08	33.08	33.08	33.08
31.11	31.11	31.11	31.11	31.11	31.11	31.11
456.16	456.16	456.16	456.16	456.16	456.16	456.16
14.38	14.38	14.38	14.38	14.38	14.38	14.38
8.22	8.22	8.22	8.22	8.22	8.22	8.22
3.73	3.73	3.73	3.73	3.73	3.73	3.73
0.96	0.96	0.96	0.96	0.96	0.96	0.96
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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535.36	535.36	535.36	535.36	535.36	535.36	535.36

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90.54	90.54	90.54	90.54	90.54	90.54	90.54
93.37	93.37	93.37	93.37	93.37	93.37	93.37
96.29	96.29	96.29	96.29	96.29	96.29	96.29
99.30	99.30	99.30	99.30	99.30	99.30	99.30
102.41	102.41	102.41	102.41	102.41	102.41	102.41
73.93	105.61	105.61	105.61	105.61	105.61	105.61
54.46	76.24	108.92	108.92	108.92	108.92	108.92
33.70	56.16	78.63	112.33	112.33	112.33	112.33
11.58	34.75	57.92	81.09	115.84	115.84	115.84
-	11.95	35.84	59.73	83.63	119.46	119.46
-	-	12.32	36.96	61.60	86.24	123.20
-	-	-	12.71	38.12	63.53	88.94
-	-	-	-	13.10	39.31	65.52
940.42	1,023.81	1,108.65	1,194.96	1,282.78	1,362.81	1,425.62

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-	-	-	-	-	-	-
-	-	-	-	-	-	-
16.79	16.79	16.79	16.79	16.79	16.79	16.79
25.52	25.52	25.52	25.52	25.52	25.52	25.52
32.60	32.60	32.60	32.60	32.60	32.60	32.60
38.15	38.15	38.15	38.15	38.15	38.15	38.15
711.42	711.42	711.42	711.42	711.42	711.42	711.42
26.42	26.42	26.42	26.42	26.42	26.42	26.42
16.53	16.53	16.53	16.53	16.53	16.53	16.53
9.44	9.44	9.44	9.44	9.44	9.44	9.44
4.29	4.29	4.29	4.29	4.29	4.29	4.29
1.11	1.11	1.11	1.11	1.11	1.11	1.11
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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# W-yr

19	20	21	22	23	24	25
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22.19	22.19	22.19	22.19	22.19	22.19	22.19
35.19	35.19	35.19	35.19	35.19	35.19	35.19
52.92	52.92	52.92	52.92	52.92	52.92	52.92
72.29	72.29	72.29	72.29	72.29	72.29	72.29
79.50	79.50	79.50	79.50	79.50	79.50	79.50
96.16	96.16	96.16	96.16	96.16	96.16	96.16
75.33	75.33	75.33	75.33	75.33	75.33	75.33
77.69	77.69	77.69	77.69	77.69	77.69	77.69
80.12	80.12	80.12	80.12	80.12	80.12	80.12
82.63	82.63	82.63	82.63	82.63	82.63	82.63
85.21	85.21	85.21	85.21	85.21	85.21	85.21
87.88	87.88	87.88	87.88	87.88	87.88	87.88
90.63	90.63	90.63	90.63	90.63	90.63	90.63
93.47	93.47	93.47	93.47	93.47	93.47	93.47
96.39	96.39	96.39	96.39	96.39	96.39	96.39
99.41	99.41	99.41	99.41	99.41	99.41	99.41
102.52	102.52	102.52	102.52	102.52	102.52	102.52
105.72	105.72	105.72	105.72	105.72	105.72	105.72
109.03	109.03	109.03	109.03	109.03	109.03	109.03
78.71	112.44	112.44	112.44	112.44	112.44	112.44
57.98	81.17	115.96	115.96	115.96	115.96	115.96
35.88	59.79	83.71	119.59	119.59	119.59	119.59
1,372.36	1,429.69	1,471.02	1,496.07	1,496.07	1,496.07	1,496.07

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14.62	14.62	14.62	14.62	14.62	14.62	14.62
22.23	22.23	22.23	22.23	22.23	22.23	22.23
28.52	28.52	28.52	28.52	28.52	28.52	28.52
33.08	33.08	33.08	33.08	33.08	33.08	33.08
31.11	31.11	31.11	31.11	31.11	31.11	31.11
456.16	456.16	456.16	456.16	456.16	456.16	456.16
14.38	14.38	14.38	14.38	14.38	14.38	14.38
8.22	8.22	8.22	8.22	8.22	8.22	8.22
3.73	3.73	3.73	3.73	3.73	3.73	3.73
0.96	0.96	0.96	0.96	0.96	0.96	0.96
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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535.36	535.36	535.36	535.36	535.36	535.36	535.36

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90.54	90.54	90.54	90.54	90.54	90.54	90.54
93.37	93.37	93.37	93.37	93.37	93.37	93.37
96.29	96.29	96.29	96.29	96.29	96.29	96.29
99.30	99.30	99.30	99.30	99.30	99.30	99.30
102.41	102.41	102.41	102.41	102.41	102.41	102.41
105.61	105.61	105.61	105.61	105.61	105.61	105.61
108.92	108.92	108.92	108.92	108.92	108.92	108.92
112.33	112.33	112.33	112.33	112.33	112.33	112.33
115.84	115.84	115.84	115.84	115.84	115.84	115.84
119.46	119.46	119.46	119.46	119.46	119.46	119.46
123.20	123.20	123.20	123.20	123.20	123.20	123.20
127.06	127.06	127.06	127.06	127.06	127.06	127.06
91.72	131.03	131.03	131.03	131.03	131.03	131.03
1,470.91	1,498.36	1,498.36	1,498.36	1,498.36	1,498.36	1,498.36

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16.79	16.79	16.79	16.79	16.79	16.79	16.79
25.52	25.52	25.52	25.52	25.52	25.52	25.52
32.60	32.60	32.60	32.60	32.60	32.60	32.60
38.15	38.15	38.15	38.15	38.15	38.15	38.15
711.42	711.42	711.42	711.42	711.42	711.42	711.42
26.42	26.42	26.42	26.42	26.42	26.42	26.42
16.53	16.53	16.53	16.53	16.53	16.53	16.53
9.44	9.44	9.44	9.44	9.44	9.44	9.44
4.29	4.29	4.29	4.29	4.29	4.29	4.29
1.11	1.11	1.11	1.11	1.11	1.11	1.11
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	<a href="#">Strategy 1</a>	Main 2021 AESC	Peak Load (Top %)	0.23%
Top 20 Summer Hours	<a href="#">Strategy 2</a>	Main 2021 AESC	Peak Load (Top %)	0.68%
Summer Daily Discharge	<a href="#">Strategy 3</a>	Main 2021 AESC	User Input	Discharge daily 4-7 pm
Summer Daily Charge	<a href="#">Strategy 4</a>	Main 2021 AESC	User Input	Charge daily 2-5 am
Summer Targeted Charge	<a href="#">Strategy 5</a>	Main 2021 AESC	User Input	Charge 2-5 am, July & August
Top 20 Winter Hours	<a href="#">Strategy 6</a>	Main 2021 AESC	Peak Load (Top %)	0.34%
Winter Targeted Charge	<a href="#">Strategy 7</a>	Main 2021 AESC	User Input	Charge 2-5 am, December

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Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
<b>ANNUAL AVOIDED COSTS</b>				<b>CUMULATIVE AVOIDED COSTS</b>
<b>2024 2024\$</b>		Shifted Year		<b>2024</b>
1	2024	0.059	0.006	0.058
2	2025	0.057	0.009	0.115
3	2026	0.055	0.010	0.168
4	2027	0.056	0.012	0.221
5	2028	0.056	0.012	0.273
6	2029	0.059	0.011	0.328
7	2030	0.065	0.010	0.388
8	2031	0.067	0.010	0.449
9	2032	0.067	0.009	0.508
10	2033	0.067	0.008	0.567
11	2034	0.071	0.006	0.628
12	2035	0.075	-	0.692
13	2036	0.078	-	0.758
14	2037	0.080	-	0.825
15	2038	0.084	-	0.894
16	2039	0.087	-	0.964
17	2040	0.090	-	1.036
18	2041	0.094	-	1.110
19	2042	0.098	-	1.187
20	2043	0.103	-	1.266
21	2044	0.107	-	1.347
22	2045	0.112	-	1.430
23	2046	0.117	-	1.517
24	2047	0.122	-	1.606
25	2048	0.128	-	1.698
26	2049	0.134	-	1.793
27	2050	0.140	-	1.891
<b>2025 2025\$</b>		Shifted Year		<b>2025</b>
1	2025	0.061	0.007	0.060
2	2026	0.058	0.010	0.116



3	2027	0.059	0.010	0.173
4	2028	0.059	0.012	0.229
5	2029	0.063	0.012	0.287
6	2030	0.069	0.012	0.350
7	2031	0.071	0.011	0.415
8	2032	0.071	0.010	0.478
9	2033	0.071	0.010	0.540
10	2034	0.075	0.009	0.606
11	2035	0.080	0.006	0.674
12	2036	0.083	-	0.744
13	2037	0.086	-	0.815
14	2038	0.089	-	0.888
15	2039	0.092	-	0.963
16	2040	0.096	-	1.039
17	2041	0.100	-	1.118
18	2042	0.104	-	1.200
19	2043	0.109	-	1.283
20	2044	0.114	-	1.370
21	2045	0.119	-	1.459
22	2046	0.124	-	1.550
23	2047	0.130	-	1.645
24	2048	0.136	-	1.743
25	2049	0.143	-	1.844
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.062	0.007	0.060
2	2027	0.063	0.010	0.120
3	2028	0.063	0.011	0.179
4	2029	0.067	0.013	0.242
5	2030	0.073	0.013	0.309
6	2031	0.076	0.012	0.377
7	2032	0.076	0.012	0.445
8	2033	0.075	0.011	0.511
9	2034	0.080	0.011	0.580
10	2035	0.085	0.009	0.653
11	2036	0.088	0.006	0.727
12	2037	0.091	-	0.803
13	2038	0.094	-	0.880
14	2039	0.098	-	0.960
15	2040	0.102	-	1.041
16	2041	0.106	-	1.125
17	2042	0.111	-	1.212
18	2043	0.116	-	1.301
19	2044	0.121	-	1.392
20	2045	0.126	-	1.487
21	2046	0.132	-	1.584
22	2047	0.138	-	1.685
23	2048	0.145	-	1.789
24	2049	0.152	-	1.896
25	2050	0.159	-	2.007

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh	
ANNUAL AVOIDED COSTS				CUMULATIVE A	
2024 2024\$		Shifted Year		2024	
1	2024	0.059	0.006		0.058
2	2025	0.057	0.009		0.115
3	2026	0.055	0.010		0.168
4	2027	0.056	0.012		0.221
5	2028	0.056	0.012		0.273
6	2029	0.059	0.011		0.328
7	2030	0.065	0.010		0.388
8	2031	0.067	0.010		0.449
9	2032	0.067	0.009		0.508
10	2033	0.067	0.008		0.567
11	2034	0.071	0.006		0.628
12	2035	0.075	-		0.692
13	2036	0.078	-		0.758
14	2037	0.080	-		0.825
15	2038	0.084	-		0.894
16	2039	0.087	-		0.964
17	2040	0.090	-		1.036
18	2041	0.094	-		1.110
19	2042	0.098	-		1.187
20	2043	0.103	-		1.266
21	2044	0.107	-		1.347
22	2045	0.112	-		1.430
23	2046	0.117	-		1.517
24	2047	0.122	-		1.606
25	2048	0.128	-		1.698
26	2049	0.134	-		1.793
27	2050	0.140	-		1.891
2025 2025\$		Shifted Year		2025	
1	2025	0.061	0.007		0.060
2	2026	0.058	0.010		0.116
3	2027	0.059	0.010		0.173
4	2028	0.059	0.012		0.229
5	2029	0.063	0.012		0.287
6	2030	0.069	0.012		0.350
7	2031	0.071	0.011		0.415
8	2032	0.071	0.010		0.478
9	2033	0.071	0.010		0.540
10	2034	0.075	0.009		0.606
11	2035	0.080	0.006		0.674
12	2036	0.083	-		0.744
13	2037	0.086	-		0.815

14	2038	0.089	-	0.888
15	2039	0.092	-	0.963
16	2040	0.096	-	1.039
17	2041	0.100	-	1.118
18	2042	0.104	-	1.200
19	2043	0.109	-	1.283
20	2044	0.114	-	1.370
21	2045	0.119	-	1.459
22	2046	0.124	-	1.550
23	2047	0.130	-	1.645
24	2048	0.136	-	1.743
25	2049	0.143	-	1.844
<b>2026 2026\$</b>		Shifted Year		<b>2026</b>
1	2026	0.062	0.007	0.060
2	2027	0.063	0.010	0.120
3	2028	0.063	0.011	0.179
4	2029	0.067	0.013	0.242
5	2030	0.073	0.013	0.309
6	2031	0.076	0.012	0.377
7	2032	0.076	0.012	0.445
8	2033	0.075	0.011	0.511
9	2034	0.080	0.011	0.580
10	2035	0.085	0.009	0.653
11	2036	0.088	0.006	0.727
12	2037	0.091	-	0.803
13	2038	0.094	-	0.880
14	2039	0.098	-	0.960
15	2040	0.102	-	1.041
16	2041	0.106	-	1.125
17	2042	0.111	-	1.212
18	2043	0.116	-	1.301
19	2044	0.121	-	1.392
20	2045	0.126	-	1.487
21	2046	0.132	-	1.584
22	2047	0.138	-	1.685
23	2048	0.145	-	1.789
24	2049	0.152	-	1.896
25	2050	0.159	-	2.007

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
<b>ANNUAL AVOIDED COSTS</b>				<b>CUMULATIVE A</b>
<b>2024 2024\$</b>		Shifted Year		<b>2024</b>
1	2024	0.052	0.002	0.051
2	2025	0.050	0.003	0.100
3	2026	0.051	0.003	0.149

4	2027	0.051	0.004	0.198
5	2028	0.052	0.004	0.248
6	2029	0.054	0.004	0.298
7	2030	0.058	0.004	0.351
8	2031	0.059	0.004	0.404
9	2032	0.061	0.003	0.459
10	2033	0.058	0.003	0.510
11	2034	0.059	0.002	0.561
12	2035	0.060	-	0.612
13	2036	0.061	-	0.664
14	2037	0.062	-	0.716
15	2038	0.063	-	0.767
16	2039	0.064	-	0.819
17	2040	0.065	-	0.871
18	2041	0.066	-	0.923
19	2042	0.067	-	0.975
20	2043	0.069	-	1.028
21	2044	0.070	-	1.082
22	2045	0.072	-	1.135
23	2046	0.074	-	1.190
24	2047	0.075	-	1.244
25	2048	0.077	-	1.300
26	2049	0.079	-	1.356
27	2050	0.081	-	1.412
<b>2025 2025\$</b>		<b>Shifted Year</b>		<b>2025</b>
1	2025	0.053	0.002	0.052
2	2026	0.054	0.003	0.104
3	2027	0.055	0.004	0.156
4	2028	0.055	0.004	0.209
5	2029	0.057	0.004	0.262
6	2030	0.062	0.004	0.318
7	2031	0.063	0.004	0.375
8	2032	0.065	0.004	0.433
9	2033	0.062	0.004	0.488
10	2034	0.062	0.003	0.542
11	2035	0.064	0.002	0.597
12	2036	0.065	-	0.651
13	2037	0.066	-	0.706
14	2038	0.067	-	0.761
15	2039	0.068	-	0.816
16	2040	0.069	-	0.871
17	2041	0.070	-	0.927
18	2042	0.072	-	0.982
19	2043	0.073	-	1.039
20	2044	0.075	-	1.095
21	2045	0.076	-	1.152
22	2046	0.078	-	1.210
23	2047	0.080	-	1.268
24	2048	0.082	-	1.327

25	2049	0.084	-	1.386
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.057	0.002	0.055
2	2027	0.058	0.003	0.111
3	2028	0.059	0.004	0.166
4	2029	0.061	0.004	0.223
5	2030	0.065	0.004	0.283
6	2031	0.067	0.004	0.343
7	2032	0.069	0.004	0.405
8	2033	0.066	0.004	0.463
9	2034	0.066	0.004	0.520
10	2035	0.068	0.003	0.579
11	2036	0.069	0.002	0.637
12	2037	0.070	-	0.695
13	2038	0.071	-	0.753
14	2039	0.072	-	0.812
15	2040	0.073	-	0.870
16	2041	0.075	-	0.929
17	2042	0.076	-	0.989
18	2043	0.078	-	1.048
19	2044	0.079	-	1.109
20	2045	0.081	-	1.169
21	2046	0.083	-	1.231
22	2047	0.085	-	1.293
23	2048	0.087	-	1.355
24	2049	0.089	-	1.418
25	2050	0.091	-	1.482

Years	Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh	
<b>ANNUAL AVOIDED COSTS</b>			<b>CUMULATIVE A</b>	
<b>2024 2024\$</b>		<b>Shifted Year</b>		<b>2024</b>
1	2024	0.044	0.001	0.044
2	2025	0.042	0.002	0.085
3	2026	0.042	0.002	0.126
4	2027	0.043	0.002	0.166
5	2028	0.043	0.002	0.207
6	2029	0.044	0.002	0.247
7	2030	0.048	0.002	0.291
8	2031	0.048	0.002	0.335
9	2032	0.049	0.002	0.379
10	2033	0.046	0.002	0.419
11	2034	0.047	0.001	0.460
12	2035	0.048	-	0.501
13	2036	0.048	-	0.541
14	2037	0.048	-	0.581

15	2038	0.048	-	0.620
16	2039	0.048	-	0.659
17	2040	0.049	-	0.698
18	2041	0.049	-	0.737
19	2042	0.050	-	0.776
20	2043	0.050	-	0.815
21	2044	0.051	-	0.853
22	2045	0.052	-	0.892
23	2046	0.053	-	0.931
24	2047	0.053	-	0.970
25	2048	0.054	-	1.009
26	2049	0.055	-	1.048
27	2050	0.056	-	1.087
<b>2025 2025\$</b>		<b>Shifted Year</b>		<b>2025</b>
1	2025	0.045	0.001	0.044
2	2026	0.045	0.002	0.087
3	2027	0.045	0.002	0.130
4	2028	0.046	0.002	0.173
5	2029	0.046	0.002	0.217
6	2030	0.051	0.002	0.264
7	2031	0.052	0.002	0.310
8	2032	0.052	0.002	0.356
9	2033	0.049	0.002	0.399
10	2034	0.050	0.002	0.442
11	2035	0.051	0.001	0.486
12	2036	0.051	-	0.529
13	2037	0.051	-	0.571
14	2038	0.051	-	0.613
15	2039	0.051	-	0.655
16	2040	0.052	-	0.696
17	2041	0.052	-	0.737
18	2042	0.053	-	0.779
19	2043	0.054	-	0.820
20	2044	0.054	-	0.861
21	2045	0.055	-	0.902
22	2046	0.056	-	0.943
23	2047	0.057	-	0.985
24	2048	0.058	-	1.026
25	2049	0.059	-	1.068
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.048	0.001	0.046
2	2027	0.048	0.002	0.092
3	2028	0.049	0.002	0.138
4	2029	0.049	0.003	0.184
5	2030	0.054	0.003	0.233
6	2031	0.055	0.002	0.283
7	2032	0.055	0.002	0.332
8	2033	0.052	0.002	0.378

9	2034	0.053	0.002	0.424
10	2035	0.054	0.002	0.470
11	2036	0.054	0.001	0.515
12	2037	0.054	-	0.560
13	2038	0.054	-	0.605
14	2039	0.055	-	0.649
15	2040	0.055	-	0.693
16	2041	0.056	-	0.737
17	2042	0.056	-	0.781
18	2043	0.057	-	0.825
19	2044	0.058	-	0.868
20	2045	0.059	-	0.912
21	2046	0.059	-	0.956
22	2047	0.060	-	1.000
23	2048	0.061	-	1.044
24	2049	0.062	-	1.088
25	2050	0.064	-	1.133

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.047	0.001	0.046
2	2025	0.045	0.002	0.091
3	2026	0.045	0.002	0.134
4	2027	0.046	0.003	0.178
5	2028	0.047	0.003	0.222
6	2029	0.048	0.003	0.267
7	2030	0.052	0.003	0.315
8	2031	0.053	0.003	0.363
9	2032	0.053	0.003	0.410
10	2033	0.050	0.002	0.455
11	2034	0.051	0.001	0.499
12	2035	0.052	-	0.544
13	2036	0.052	-	0.588
14	2037	0.052	-	0.631
15	2038	0.052	-	0.674
16	2039	0.053	-	0.717
17	2040	0.053	-	0.760
18	2041	0.054	-	0.802
19	2042	0.054	-	0.845
20	2043	0.055	-	0.887
21	2044	0.056	-	0.929
22	2045	0.057	-	0.972
23	2046	0.057	-	1.014
24	2047	0.058	-	1.056
25	2048	0.059	-	1.099

26	2049	0.060	-	1.142
27	2050	0.061	-	1.184
<b>2025 2025\$</b>		<b>Shifted Year</b>		<b>2025</b>
1	2025	0.048	0.002	0.047
2	2026	0.048	0.002	0.094
3	2027	0.049	0.003	0.140
4	2028	0.050	0.003	0.187
5	2029	0.051	0.003	0.235
6	2030	0.056	0.003	0.286
7	2031	0.056	0.003	0.337
8	2032	0.057	0.003	0.387
9	2033	0.053	0.003	0.434
10	2034	0.055	0.002	0.482
11	2035	0.055	0.002	0.529
12	2036	0.055	-	0.576
13	2037	0.055	-	0.622
14	2038	0.056	-	0.668
15	2039	0.056	-	0.713
16	2040	0.057	-	0.759
17	2041	0.057	-	0.804
18	2042	0.058	-	0.849
19	2043	0.059	-	0.894
20	2044	0.059	-	0.939
21	2045	0.060	-	0.984
22	2046	0.061	-	1.029
23	2047	0.062	-	1.074
24	2048	0.063	-	1.119
25	2049	0.064	-	1.164
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.051	0.002	0.050
2	2027	0.052	0.002	0.099
3	2028	0.053	0.003	0.149
4	2029	0.055	0.003	0.200
5	2030	0.059	0.003	0.254
6	2031	0.060	0.003	0.308
7	2032	0.060	0.003	0.362
8	2033	0.057	0.003	0.412
9	2034	0.058	0.003	0.462
10	2035	0.059	0.002	0.512
11	2036	0.059	0.002	0.562
12	2037	0.059	-	0.611
13	2038	0.059	-	0.660
14	2039	0.060	-	0.708
15	2040	0.060	-	0.756
16	2041	0.061	-	0.804
17	2042	0.062	-	0.852
18	2043	0.062	-	0.900
19	2044	0.063	-	0.948



20	2045	0.064	-	0.996
21	2046	0.065	-	1.043
22	2047	0.066	-	1.091
23	2048	0.067	-	1.139
24	2049	0.068	-	1.188
25	2050	0.069	-	1.236

Years		Retail Energy \$/kWh	Energy DRIPE \$/kWh	Retail Energy \$/kWh
ANNUAL AVOIDED COSTS				CUMULATIVE A
2024 2024\$		Shifted Year		2024
1	2024	0.095	0.009	0.095
2	2025	0.098	0.018	0.190
3	2026	0.097	0.021	0.284
4	2027	0.097	0.022	0.377
5	2028	0.098	0.023	0.469
6	2029	0.101	0.021	0.563
7	2030	0.106	0.021	0.660
8	2031	0.108	0.020	0.757
9	2032	0.109	0.018	0.854
10	2033	0.105	0.015	0.946
11	2034	0.109	0.011	1.041
12	2035	0.108	-	1.134
13	2036	0.109	-	1.226
14	2037	0.110	-	1.317
15	2038	0.111	-	1.408
16	2039	0.112	-	1.498
17	2040	0.113	-	1.588
18	2041	0.114	-	1.678
19	2042	0.115	-	1.768
20	2043	0.116	-	1.857
21	2044	0.118	-	1.946
22	2045	0.119	-	2.035
23	2046	0.121	-	2.124
24	2047	0.122	-	2.213
25	2048	0.124	-	2.302
26	2049	0.125	-	2.391
27	2050	0.127	-	2.479
2025 2025\$		Shifted Year		2025
1	2025	0.104	0.010	0.102
2	2026	0.103	0.019	0.201
3	2027	0.103	0.022	0.300
4	2028	0.104	0.023	0.398
5	2029	0.108	0.024	0.497
6	2030	0.112	0.023	0.600
7	2031	0.115	0.022	0.704

8	2032	0.116	0.021	0.807
9	2033	0.111	0.019	0.905
10	2034	0.116	0.016	1.006
11	2035	0.115	0.012	1.104
12	2036	0.116	-	1.202
13	2037	0.117	-	1.299
14	2038	0.118	-	1.396
15	2039	0.119	-	1.492
16	2040	0.120	-	1.588
17	2041	0.121	-	1.683
18	2042	0.122	-	1.778
19	2043	0.124	-	1.873
20	2044	0.125	-	1.968
21	2045	0.127	-	2.063
22	2046	0.128	-	2.157
23	2047	0.130	-	2.252
24	2048	0.132	-	2.346
25	2049	0.133	-	2.441
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.110	0.010	0.106
2	2027	0.110	0.020	0.211
3	2028	0.110	0.024	0.315
4	2029	0.114	0.025	0.421
5	2030	0.119	0.025	0.530
6	2031	0.122	0.024	0.641
7	2032	0.123	0.023	0.750
8	2033	0.118	0.022	0.854
9	2034	0.123	0.021	0.961
10	2035	0.122	0.017	1.066
11	2036	0.123	0.013	1.170
12	2037	0.124	-	1.273
13	2038	0.125	-	1.376
14	2039	0.126	-	1.478
15	2040	0.127	-	1.580
16	2041	0.129	-	1.681
17	2042	0.130	-	1.782
18	2043	0.132	-	1.883
19	2044	0.133	-	1.984
20	2045	0.135	-	2.085
21	2046	0.136	-	2.185
22	2047	0.138	-	2.286
23	2048	0.140	-	2.386
24	2049	0.142	-	2.486
25	2050	0.144	-	2.587

Years	Retail Energy	Energy DRIPE	Retail Energy

		\$/kWh	\$/kWh	\$/kWh
<b>ANNUAL AVOIDED COSTS</b>				<b>CUMULATIVE A</b>
<b>2024 2024\$</b>		Shifted Year		<b>2024</b>
1	2024	0.084	0.004	0.083
2	2025	0.082	0.008	0.164
3	2026	0.083	0.009	0.244
4	2027	0.083	0.010	0.323
5	2028	0.084	0.010	0.402
6	2029	0.086	0.010	0.482
7	2030	0.090	0.009	0.564
8	2031	0.090	0.009	0.646
9	2032	0.091	0.008	0.727
10	2033	0.088	0.007	0.805
11	2034	0.089	0.005	0.882
12	2035	0.090	-	0.959
13	2036	0.090	-	1.035
14	2037	0.090	-	1.110
15	2038	0.090	-	1.184
16	2039	0.091	-	1.257
17	2040	0.091	-	1.330
18	2041	0.092	-	1.402
19	2042	0.092	-	1.474
20	2043	0.093	-	1.545
21	2044	0.093	-	1.616
22	2045	0.094	-	1.686
23	2046	0.095	-	1.756
24	2047	0.096	-	1.826
25	2048	0.096	-	1.895
26	2049	0.097	-	1.963
27	2050	0.098	-	2.032
<b>2025 2025\$</b>		Shifted Year		<b>2025</b>
1	2025	0.087	0.004	0.086
2	2026	0.088	0.008	0.171
3	2027	0.089	0.010	0.255
4	2028	0.089	0.010	0.339
5	2029	0.091	0.010	0.424
6	2030	0.096	0.010	0.511
7	2031	0.096	0.010	0.598
8	2032	0.097	0.009	0.685
9	2033	0.094	0.009	0.767
10	2034	0.095	0.007	0.849
11	2035	0.096	0.005	0.931
12	2036	0.096	-	1.012
13	2037	0.096	-	1.091
14	2038	0.096	-	1.170
15	2039	0.096	-	1.248
16	2040	0.097	-	1.326
17	2041	0.097	-	1.402

18	2042	0.098	-	1.479
19	2043	0.099	-	1.554
20	2044	0.099	-	1.629
21	2045	0.100	-	1.704
22	2046	0.101	-	1.778
23	2047	0.102	-	1.852
24	2048	0.102	-	1.926
25	2049	0.103	-	1.999
<b>2026 2026\$</b>		<b>Shifted Year</b>		<b>2026</b>
1	2026	0.093	0.005	0.090
2	2027	0.094	0.009	0.180
3	2028	0.095	0.011	0.269
4	2029	0.097	0.011	0.359
5	2030	0.102	0.011	0.452
6	2031	0.102	0.011	0.545
7	2032	0.103	0.011	0.637
8	2033	0.099	0.010	0.724
9	2034	0.101	0.009	0.812
10	2035	0.102	0.008	0.899
11	2036	0.102	0.005	0.984
12	2037	0.102	-	1.069
13	2038	0.102	-	1.153
14	2039	0.102	-	1.236
15	2040	0.103	-	1.318
16	2041	0.103	-	1.400
17	2042	0.104	-	1.481
18	2043	0.105	-	1.561
19	2044	0.105	-	1.641
20	2045	0.106	-	1.720
21	2046	0.107	-	1.799
22	2047	0.108	-	1.878
23	2048	0.109	-	1.956
24	2049	0.110	-	2.034
25	2050	0.111	-	2.111

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
<b>VOIDED COSTS</b>		
<b>2024\$</b>		<b>AESC, AN</b>
0.006	2024-Top 20 All Hours-1	2018
0.015	2024-Top 20 All Hours-2	2019
0.024	2024-Top 20 All Hours-3	2020
0.035	2024-Top 20 All Hours-4	2021
0.046	2024-Top 20 All Hours-5	2022
0.056	2024-Top 20 All Hours-6	2023
0.066	2024-Top 20 All Hours-7	2024
0.075	2024-Top 20 All Hours-8	2025
0.083	2024-Top 20 All Hours-9	2026
0.090	2024-Top 20 All Hours-10	2027
0.095	2024-Top 20 All Hours-11	2028
0.095	2024-Top 20 All Hours-12	2029
0.095	2024-Top 20 All Hours-13	2030
0.095	2024-Top 20 All Hours-14	2031
0.095	2024-Top 20 All Hours-15	2032
0.095	2024-Top 20 All Hours-16	2033
0.095	2024-Top 20 All Hours-17	2034
0.095	2024-Top 20 All Hours-18	2035
0.095	2024-Top 20 All Hours-19	2036
0.095	2024-Top 20 All Hours-20	2037
0.095	2024-Top 20 All Hours-21	2038
0.095	2024-Top 20 All Hours-22	2039
0.095	2024-Top 20 All Hours-23	2040
0.095	2024-Top 20 All Hours-24	2041
0.095	2024-Top 20 All Hours-25	2042
0.095	2024-Top 20 All Hours-26	2043
0.095	2024-Top 20 All Hours-27	2044
<b>2024\$</b>		2045
0.006	2025-Top 20 All Hours-1	2046
0.016	2025-Top 20 All Hours-2	2047

0.025 2025-Top 20 All Hours-3  
0.037 2025-Top 20 All Hours-4  
0.048 2025-Top 20 All Hours-5  
0.059 2025-Top 20 All Hours-6  
0.069 2025-Top 20 All Hours-7  
0.078 2025-Top 20 All Hours-8  
0.087 2025-Top 20 All Hours-9  
0.095 2025-Top 20 All Hours-10  
0.100 2025-Top 20 All Hours-11  
0.100 2025-Top 20 All Hours-12  
0.100 2025-Top 20 All Hours-13  
0.100 2025-Top 20 All Hours-14  
0.100 2025-Top 20 All Hours-15  
0.100 2025-Top 20 All Hours-16  
0.100 2025-Top 20 All Hours-17  
0.100 2025-Top 20 All Hours-18  
0.100 2025-Top 20 All Hours-19  
0.100 2025-Top 20 All Hours-20  
0.100 2025-Top 20 All Hours-21  
0.100 2025-Top 20 All Hours-22  
0.100 2025-Top 20 All Hours-23  
0.100 2025-Top 20 All Hours-24  
0.100 2025-Top 20 All Hours-25

2048  
2049  
2050

**2024\$**

0.007 2026-Top 20 All Hours-1  
0.016 2026-Top 20 All Hours-2  
0.026 2026-Top 20 All Hours-3  
0.039 2026-Top 20 All Hours-4  
0.051 2026-Top 20 All Hours-5  
0.062 2026-Top 20 All Hours-6  
0.073 2026-Top 20 All Hours-7  
0.082 2026-Top 20 All Hours-8  
0.091 2026-Top 20 All Hours-9  
0.099 2026-Top 20 All Hours-10  
0.105 2026-Top 20 All Hours-11  
0.105 2026-Top 20 All Hours-12  
0.105 2026-Top 20 All Hours-13  
0.105 2026-Top 20 All Hours-14  
0.105 2026-Top 20 All Hours-15  
0.105 2026-Top 20 All Hours-16  
0.105 2026-Top 20 All Hours-17  
0.105 2026-Top 20 All Hours-18  
0.105 2026-Top 20 All Hours-19  
0.105 2026-Top 20 All Hours-20  
0.105 2026-Top 20 All Hours-21  
0.105 2026-Top 20 All Hours-22  
0.105 2026-Top 20 All Hours-23  
0.105 2026-Top 20 All Hours-24  
0.105 2026-Top 20 All Hours-25

## Top 20 Summer Hours

Energy DRIPE \$/kWh	Key	Year
<b>VOIDED COSTS</b>		
<b>2024\$</b>		<b>AESC, AN</b>
0.006	2024-Top 20 Summer Hours-1	2018
0.015	2024-Top 20 Summer Hours-2	2019
0.024	2024-Top 20 Summer Hours-3	2020
0.035	2024-Top 20 Summer Hours-4	2021
0.046	2024-Top 20 Summer Hours-5	2022
0.056	2024-Top 20 Summer Hours-6	2023
0.066	2024-Top 20 Summer Hours-7	2024
0.075	2024-Top 20 Summer Hours-8	2025
0.083	2024-Top 20 Summer Hours-9	2026
0.090	2024-Top 20 Summer Hours-10	2027
0.095	2024-Top 20 Summer Hours-11	2028
0.095	2024-Top 20 Summer Hours-12	2029
0.095	2024-Top 20 Summer Hours-13	2030
0.095	2024-Top 20 Summer Hours-14	2031
0.095	2024-Top 20 Summer Hours-15	2032
0.095	2024-Top 20 Summer Hours-16	2033
0.095	2024-Top 20 Summer Hours-17	2034
0.095	2024-Top 20 Summer Hours-18	2035
0.095	2024-Top 20 Summer Hours-19	2036
0.095	2024-Top 20 Summer Hours-20	2037
0.095	2024-Top 20 Summer Hours-21	2038
0.095	2024-Top 20 Summer Hours-22	2039
0.095	2024-Top 20 Summer Hours-23	2040
0.095	2024-Top 20 Summer Hours-24	2041
0.095	2024-Top 20 Summer Hours-25	2042
0.095	2024-Top 20 Summer Hours-26	2043
0.095	2024-Top 20 Summer Hours-27	2044
<b>2024\$</b>		2045
0.006	2025-Top 20 Summer Hours-1	2046
0.016	2025-Top 20 Summer Hours-2	2047
0.025	2025-Top 20 Summer Hours-3	2048
0.037	2025-Top 20 Summer Hours-4	2049
0.048	2025-Top 20 Summer Hours-5	2050
0.059	2025-Top 20 Summer Hours-6	
0.069	2025-Top 20 Summer Hours-7	
0.078	2025-Top 20 Summer Hours-8	
0.087	2025-Top 20 Summer Hours-9	
0.095	2025-Top 20 Summer Hours-10	
0.100	2025-Top 20 Summer Hours-11	
0.100	2025-Top 20 Summer Hours-12	
0.100	2025-Top 20 Summer Hours-13	

0.100 2025-Top 20 Summer Hours-14  
 0.100 2025-Top 20 Summer Hours-15  
 0.100 2025-Top 20 Summer Hours-16  
 0.100 2025-Top 20 Summer Hours-17  
 0.100 2025-Top 20 Summer Hours-18  
 0.100 2025-Top 20 Summer Hours-19  
 0.100 2025-Top 20 Summer Hours-20  
 0.100 2025-Top 20 Summer Hours-21  
 0.100 2025-Top 20 Summer Hours-22  
 0.100 2025-Top 20 Summer Hours-23  
 0.100 2025-Top 20 Summer Hours-24  
 0.100 2025-Top 20 Summer Hours-25

**2024\$**

0.007 2026-Top 20 Summer Hours-1  
 0.016 2026-Top 20 Summer Hours-2  
 0.026 2026-Top 20 Summer Hours-3  
 0.039 2026-Top 20 Summer Hours-4  
 0.051 2026-Top 20 Summer Hours-5  
 0.062 2026-Top 20 Summer Hours-6  
 0.073 2026-Top 20 Summer Hours-7  
 0.082 2026-Top 20 Summer Hours-8  
 0.091 2026-Top 20 Summer Hours-9  
 0.099 2026-Top 20 Summer Hours-10  
 0.105 2026-Top 20 Summer Hours-11  
 0.105 2026-Top 20 Summer Hours-12  
 0.105 2026-Top 20 Summer Hours-13  
 0.105 2026-Top 20 Summer Hours-14  
 0.105 2026-Top 20 Summer Hours-15  
 0.105 2026-Top 20 Summer Hours-16  
 0.105 2026-Top 20 Summer Hours-17  
 0.105 2026-Top 20 Summer Hours-18  
 0.105 2026-Top 20 Summer Hours-19  
 0.105 2026-Top 20 Summer Hours-20  
 0.105 2026-Top 20 Summer Hours-21  
 0.105 2026-Top 20 Summer Hours-22  
 0.105 2026-Top 20 Summer Hours-23  
 0.105 2026-Top 20 Summer Hours-24  
 0.105 2026-Top 20 Summer Hours-25

**Summer Daily Discharge**

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



0.012 2024-Summer Daily Discharge-4  
0.015 2024-Summer Daily Discharge-5  
0.018 2024-Summer Daily Discharge-6  
0.022 2024-Summer Daily Discharge-7  
0.025 2024-Summer Daily Discharge-8  
0.028 2024-Summer Daily Discharge-9  
0.030 2024-Summer Daily Discharge-10  
0.032 2024-Summer Daily Discharge-11  
0.032 2024-Summer Daily Discharge-12  
0.032 2024-Summer Daily Discharge-13  
0.032 2024-Summer Daily Discharge-14  
0.032 2024-Summer Daily Discharge-15  
0.032 2024-Summer Daily Discharge-16  
0.032 2024-Summer Daily Discharge-17  
0.032 2024-Summer Daily Discharge-18  
0.032 2024-Summer Daily Discharge-19  
0.032 2024-Summer Daily Discharge-20  
0.032 2024-Summer Daily Discharge-21  
0.032 2024-Summer Daily Discharge-22  
0.032 2024-Summer Daily Discharge-23  
0.032 2024-Summer Daily Discharge-24  
0.032 2024-Summer Daily Discharge-25  
0.032 2024-Summer Daily Discharge-26  
0.032 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  
0.012 2025-Summer Daily Discharge-4  
0.016 2025-Summer Daily Discharge-5  
0.019 2025-Summer Daily Discharge-6  
0.023 2025-Summer Daily Discharge-7  
0.026 2025-Summer Daily Discharge-8  
0.029 2025-Summer Daily Discharge-9  
0.032 2025-Summer Daily Discharge-10  
0.034 2025-Summer Daily Discharge-11  
0.034 2025-Summer Daily Discharge-12  
0.034 2025-Summer Daily Discharge-13  
0.034 2025-Summer Daily Discharge-14  
0.034 2025-Summer Daily Discharge-15  
0.034 2025-Summer Daily Discharge-16  
0.034 2025-Summer Daily Discharge-17  
0.034 2025-Summer Daily Discharge-18  
0.034 2025-Summer Daily Discharge-19  
0.034 2025-Summer Daily Discharge-20  
0.034 2025-Summer Daily Discharge-21  
0.034 2025-Summer Daily Discharge-22  
0.034 2025-Summer Daily Discharge-23  
0.034 2025-Summer Daily Discharge-24

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0.034	2025-Summer Daily Discharge-25
<b>2024\$</b>	
0.002	2026-Summer Daily Discharge-1
0.005	2026-Summer Daily Discharge-2
0.009	2026-Summer Daily Discharge-3
0.013	2026-Summer Daily Discharge-4
0.017	2026-Summer Daily Discharge-5
0.020	2026-Summer Daily Discharge-6
0.024	2026-Summer Daily Discharge-7
0.028	2026-Summer Daily Discharge-8
0.031	2026-Summer Daily Discharge-9
0.034	2026-Summer Daily Discharge-10
0.035	2026-Summer Daily Discharge-11
0.035	2026-Summer Daily Discharge-12
0.035	2026-Summer Daily Discharge-13
0.035	2026-Summer Daily Discharge-14
0.035	2026-Summer Daily Discharge-15
0.035	2026-Summer Daily Discharge-16
0.035	2026-Summer Daily Discharge-17
0.035	2026-Summer Daily Discharge-18
0.035	2026-Summer Daily Discharge-19
0.035	2026-Summer Daily Discharge-20
0.035	2026-Summer Daily Discharge-21
0.035	2026-Summer Daily Discharge-22
0.035	2026-Summer Daily Discharge-23
0.035	2026-Summer Daily Discharge-24
0.035	2026-Summer Daily Discharge-25

<b>Summer Daily Charge</b>		
<b>Energy DRIPE \$/kWh</b>	<b>Key</b>	<b>Year</b>
<b>VOIDED COSTS</b>		
<b>2024\$</b>		<b>AESC, AN</b>
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
0.009	2024-Summer Daily Charge-5	2022
0.011	2024-Summer Daily Charge-6	2023
0.013	2024-Summer Daily Charge-7	2024
0.015	2024-Summer Daily Charge-8	2025
0.017	2024-Summer Daily Charge-9	2026
0.018	2024-Summer Daily Charge-10	2027
0.019	2024-Summer Daily Charge-11	2028
0.019	2024-Summer Daily Charge-12	2029
0.019	2024-Summer Daily Charge-13	2030
0.019	2024-Summer Daily Charge-14	2031

0.019 2024-Summer Daily Charge-15  
0.019 2024-Summer Daily Charge-16  
0.019 2024-Summer Daily Charge-17  
0.019 2024-Summer Daily Charge-18  
0.019 2024-Summer Daily Charge-19  
0.019 2024-Summer Daily Charge-20  
0.019 2024-Summer Daily Charge-21  
0.019 2024-Summer Daily Charge-22  
0.019 2024-Summer Daily Charge-23  
0.019 2024-Summer Daily Charge-24  
0.019 2024-Summer Daily Charge-25  
0.019 2024-Summer Daily Charge-26  
0.019 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  
0.012 2025-Summer Daily Charge-6  
0.014 2025-Summer Daily Charge-7  
0.016 2025-Summer Daily Charge-8  
0.018 2025-Summer Daily Charge-9  
0.019 2025-Summer Daily Charge-10  
0.020 2025-Summer Daily Charge-11  
0.020 2025-Summer Daily Charge-12  
0.020 2025-Summer Daily Charge-13  
0.020 2025-Summer Daily Charge-14  
0.020 2025-Summer Daily Charge-15  
0.020 2025-Summer Daily Charge-16  
0.020 2025-Summer Daily Charge-17  
0.020 2025-Summer Daily Charge-18  
0.020 2025-Summer Daily Charge-19  
0.020 2025-Summer Daily Charge-20  
0.020 2025-Summer Daily Charge-21  
0.020 2025-Summer Daily Charge-22  
0.020 2025-Summer Daily Charge-23  
0.020 2025-Summer Daily Charge-24  
0.020 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  
0.008 2026-Summer Daily Charge-4  
0.010 2026-Summer Daily Charge-5  
0.012 2026-Summer Daily Charge-6  
0.014 2026-Summer Daily Charge-7  
0.016 2026-Summer Daily Charge-8

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0.018 2026-Summer Daily Charge-9  
 0.020 2026-Summer Daily Charge-10  
 0.021 2026-Summer Daily Charge-11  
 0.021 2026-Summer Daily Charge-12  
 0.021 2026-Summer Daily Charge-13  
 0.021 2026-Summer Daily Charge-14  
 0.021 2026-Summer Daily Charge-15  
 0.021 2026-Summer Daily Charge-16  
 0.021 2026-Summer Daily Charge-17  
 0.021 2026-Summer Daily Charge-18  
 0.021 2026-Summer Daily Charge-19  
 0.021 2026-Summer Daily Charge-20  
 0.021 2026-Summer Daily Charge-21  
 0.021 2026-Summer Daily Charge-22  
 0.021 2026-Summer Daily Charge-23  
 0.021 2026-Summer Daily Charge-24  
 0.021 2026-Summer Daily Charge-25

### **Summer Targeted Charge**

Energy DRIPE \$/kWh	Key	Year
<b>VOIDED COSTS</b>		
<b>2024\$</b>		<b>AESC, AN</b>
0.001	2024-Summer Targeted Charge-1	2018
0.004	2024-Summer Targeted Charge-2	2019
0.006	2024-Summer Targeted Charge-3	2020
0.009	2024-Summer Targeted Charge-4	2021
0.011	2024-Summer Targeted Charge-5	2022
0.014	2024-Summer Targeted Charge-6	2023
0.016	2024-Summer Targeted Charge-7	2024
0.019	2024-Summer Targeted Charge-8	2025
0.021	2024-Summer Targeted Charge-9	2026
0.023	2024-Summer Targeted Charge-10	2027
0.024	2024-Summer Targeted Charge-11	2028
0.024	2024-Summer Targeted Charge-12	2029
0.024	2024-Summer Targeted Charge-13	2030
0.024	2024-Summer Targeted Charge-14	2031
0.024	2024-Summer Targeted Charge-15	2032
0.024	2024-Summer Targeted Charge-16	2033
0.024	2024-Summer Targeted Charge-17	2034
0.024	2024-Summer Targeted Charge-18	2035
0.024	2024-Summer Targeted Charge-19	2036
0.024	2024-Summer Targeted Charge-20	2037
0.024	2024-Summer Targeted Charge-21	2038
0.024	2024-Summer Targeted Charge-22	2039
0.024	2024-Summer Targeted Charge-23	2040
0.024	2024-Summer Targeted Charge-24	2041
0.024	2024-Summer Targeted Charge-25	2042

0.024 2024-Summer Targeted Charge-26  
0.024 2024-Summer Targeted Charge-27

**2024\$**

0.002 2025-Summer Targeted Charge-1  
0.004 2025-Summer Targeted Charge-2  
0.006 2025-Summer Targeted Charge-3  
0.009 2025-Summer Targeted Charge-4  
0.012 2025-Summer Targeted Charge-5  
0.014 2025-Summer Targeted Charge-6  
0.017 2025-Summer Targeted Charge-7  
0.020 2025-Summer Targeted Charge-8  
0.022 2025-Summer Targeted Charge-9  
0.024 2025-Summer Targeted Charge-10  
0.025 2025-Summer Targeted Charge-11  
0.025 2025-Summer Targeted Charge-12  
0.025 2025-Summer Targeted Charge-13  
0.025 2025-Summer Targeted Charge-14  
0.025 2025-Summer Targeted Charge-15  
0.025 2025-Summer Targeted Charge-16  
0.025 2025-Summer Targeted Charge-17  
0.025 2025-Summer Targeted Charge-18  
0.025 2025-Summer Targeted Charge-19  
0.025 2025-Summer Targeted Charge-20  
0.025 2025-Summer Targeted Charge-21  
0.025 2025-Summer Targeted Charge-22  
0.025 2025-Summer Targeted Charge-23  
0.025 2025-Summer Targeted Charge-24  
0.025 2025-Summer Targeted Charge-25

**2024\$**

0.002 2026-Summer Targeted Charge-1  
0.004 2026-Summer Targeted Charge-2  
0.006 2026-Summer Targeted Charge-3  
0.009 2026-Summer Targeted Charge-4  
0.012 2026-Summer Targeted Charge-5  
0.015 2026-Summer Targeted Charge-6  
0.018 2026-Summer Targeted Charge-7  
0.021 2026-Summer Targeted Charge-8  
0.023 2026-Summer Targeted Charge-9  
0.025 2026-Summer Targeted Charge-10  
0.026 2026-Summer Targeted Charge-11  
0.026 2026-Summer Targeted Charge-12  
0.026 2026-Summer Targeted Charge-13  
0.026 2026-Summer Targeted Charge-14  
0.026 2026-Summer Targeted Charge-15  
0.026 2026-Summer Targeted Charge-16  
0.026 2026-Summer Targeted Charge-17  
0.026 2026-Summer Targeted Charge-18  
0.026 2026-Summer Targeted Charge-19

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0.026 2026-Summer Targeted Charge-20  
 0.026 2026-Summer Targeted Charge-21  
 0.026 2026-Summer Targeted Charge-22  
 0.026 2026-Summer Targeted Charge-23  
 0.026 2026-Summer Targeted Charge-24  
 0.026 2026-Summer Targeted Charge-25

## Top 20 Winter Hours

Energy DRIPE \$/kWh	Key	Year
<b>VOIDED COSTS</b>		
<b>2024\$</b>		<b>AESC, AN</b>
0.009	2024-Top 20 Winter Hours-1	2018
0.026	2024-Top 20 Winter Hours-2	2019
0.047	2024-Top 20 Winter Hours-3	2020
0.068	2024-Top 20 Winter Hours-4	2021
0.089	2024-Top 20 Winter Hours-5	2022
0.109	2024-Top 20 Winter Hours-6	2023
0.127	2024-Top 20 Winter Hours-7	2024
0.145	2024-Top 20 Winter Hours-8	2025
0.161	2024-Top 20 Winter Hours-9	2026
0.175	2024-Top 20 Winter Hours-10	2027
0.184	2024-Top 20 Winter Hours-11	2028
0.184	2024-Top 20 Winter Hours-12	2029
0.184	2024-Top 20 Winter Hours-13	2030
0.184	2024-Top 20 Winter Hours-14	2031
0.184	2024-Top 20 Winter Hours-15	2032
0.184	2024-Top 20 Winter Hours-16	2033
0.184	2024-Top 20 Winter Hours-17	2034
0.184	2024-Top 20 Winter Hours-18	2035
0.184	2024-Top 20 Winter Hours-19	2036
0.184	2024-Top 20 Winter Hours-20	2037
0.184	2024-Top 20 Winter Hours-21	2038
0.184	2024-Top 20 Winter Hours-22	2039
0.184	2024-Top 20 Winter Hours-23	2040
0.184	2024-Top 20 Winter Hours-24	2041
0.184	2024-Top 20 Winter Hours-25	2042
0.184	2024-Top 20 Winter Hours-26	2043
0.184	2024-Top 20 Winter Hours-27	2044
<b>2024\$</b>		2045
0.009	2025-Top 20 Winter Hours-1	2046
0.028	2025-Top 20 Winter Hours-2	2047
0.049	2025-Top 20 Winter Hours-3	2048
0.071	2025-Top 20 Winter Hours-4	2049
0.093	2025-Top 20 Winter Hours-5	2050
0.114	2025-Top 20 Winter Hours-6	
0.134	2025-Top 20 Winter Hours-7	

0.152 2025-Top 20 Winter Hours-8  
 0.169 2025-Top 20 Winter Hours-9  
 0.183 2025-Top 20 Winter Hours-10  
 0.193 2025-Top 20 Winter Hours-11  
 0.193 2025-Top 20 Winter Hours-12  
 0.193 2025-Top 20 Winter Hours-13  
 0.193 2025-Top 20 Winter Hours-14  
 0.193 2025-Top 20 Winter Hours-15  
 0.193 2025-Top 20 Winter Hours-16  
 0.193 2025-Top 20 Winter Hours-17  
 0.193 2025-Top 20 Winter Hours-18  
 0.193 2025-Top 20 Winter Hours-19  
 0.193 2025-Top 20 Winter Hours-20  
 0.193 2025-Top 20 Winter Hours-21  
 0.193 2025-Top 20 Winter Hours-22  
 0.193 2025-Top 20 Winter Hours-23  
 0.193 2025-Top 20 Winter Hours-24  
 0.193 2025-Top 20 Winter Hours-25

**2024\$**

0.010 2026-Top 20 Winter Hours-1  
 0.029 2026-Top 20 Winter Hours-2  
 0.052 2026-Top 20 Winter Hours-3  
 0.074 2026-Top 20 Winter Hours-4  
 0.098 2026-Top 20 Winter Hours-5  
 0.119 2026-Top 20 Winter Hours-6  
 0.140 2026-Top 20 Winter Hours-7  
 0.160 2026-Top 20 Winter Hours-8  
 0.178 2026-Top 20 Winter Hours-9  
 0.192 2026-Top 20 Winter Hours-10  
 0.203 2026-Top 20 Winter Hours-11  
 0.203 2026-Top 20 Winter Hours-12  
 0.203 2026-Top 20 Winter Hours-13  
 0.203 2026-Top 20 Winter Hours-14  
 0.203 2026-Top 20 Winter Hours-15  
 0.203 2026-Top 20 Winter Hours-16  
 0.203 2026-Top 20 Winter Hours-17  
 0.203 2026-Top 20 Winter Hours-18  
 0.203 2026-Top 20 Winter Hours-19  
 0.203 2026-Top 20 Winter Hours-20  
 0.203 2026-Top 20 Winter Hours-21  
 0.203 2026-Top 20 Winter Hours-22  
 0.203 2026-Top 20 Winter Hours-23  
 0.203 2026-Top 20 Winter Hours-24  
 0.203 2026-Top 20 Winter Hours-25

**Winter Targeted Charge**

**Energy DRIPE**

**Key**

Year

\$/kWh	
VOIDED COSTS	
2024\$	
0.004	2024-Winter Targeted Charge-1
0.012	2024-Winter Targeted Charge-2
0.021	2024-Winter Targeted Charge-3
0.030	2024-Winter Targeted Charge-4
0.039	2024-Winter Targeted Charge-5
0.048	2024-Winter Targeted Charge-6
0.057	2024-Winter Targeted Charge-7
0.065	2024-Winter Targeted Charge-8
0.072	2024-Winter Targeted Charge-9
0.078	2024-Winter Targeted Charge-10
0.082	2024-Winter Targeted Charge-11
0.082	2024-Winter Targeted Charge-12
0.082	2024-Winter Targeted Charge-13
0.082	2024-Winter Targeted Charge-14
0.082	2024-Winter Targeted Charge-15
0.082	2024-Winter Targeted Charge-16
0.082	2024-Winter Targeted Charge-17
0.082	2024-Winter Targeted Charge-18
0.082	2024-Winter Targeted Charge-19
0.082	2024-Winter Targeted Charge-20
0.082	2024-Winter Targeted Charge-21
0.082	2024-Winter Targeted Charge-22
0.082	2024-Winter Targeted Charge-23
0.082	2024-Winter Targeted Charge-24
0.082	2024-Winter Targeted Charge-25
0.082	2024-Winter Targeted Charge-26
0.082	2024-Winter Targeted Charge-27
2024\$	
0.004	2025-Winter Targeted Charge-1
0.012	2025-Winter Targeted Charge-2
0.022	2025-Winter Targeted Charge-3
0.032	2025-Winter Targeted Charge-4
0.041	2025-Winter Targeted Charge-5
0.051	2025-Winter Targeted Charge-6
0.060	2025-Winter Targeted Charge-7
0.068	2025-Winter Targeted Charge-8
0.076	2025-Winter Targeted Charge-9
0.082	2025-Winter Targeted Charge-10
0.086	2025-Winter Targeted Charge-11
0.086	2025-Winter Targeted Charge-12
0.086	2025-Winter Targeted Charge-13
0.086	2025-Winter Targeted Charge-14
0.086	2025-Winter Targeted Charge-15
0.086	2025-Winter Targeted Charge-16
0.086	2025-Winter Targeted Charge-17

year
AESC, AN
2018
2019
2020
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0.086 2025-Winter Targeted Charge-18  
0.086 2025-Winter Targeted Charge-19  
0.086 2025-Winter Targeted Charge-20  
0.086 2025-Winter Targeted Charge-21  
0.086 2025-Winter Targeted Charge-22  
0.086 2025-Winter Targeted Charge-23  
0.086 2025-Winter Targeted Charge-24  
0.086 2025-Winter Targeted Charge-25

**2024\$**

0.004 2026-Winter Targeted Charge-1  
0.013 2026-Winter Targeted Charge-2  
0.023 2026-Winter Targeted Charge-3  
0.033 2026-Winter Targeted Charge-4  
0.043 2026-Winter Targeted Charge-5  
0.053 2026-Winter Targeted Charge-6  
0.062 2026-Winter Targeted Charge-7  
0.071 2026-Winter Targeted Charge-8  
0.079 2026-Winter Targeted Charge-9  
0.086 2026-Winter Targeted Charge-10  
0.090 2026-Winter Targeted Charge-11  
0.090 2026-Winter Targeted Charge-12  
0.090 2026-Winter Targeted Charge-13  
0.090 2026-Winter Targeted Charge-14  
0.090 2026-Winter Targeted Charge-15  
0.090 2026-Winter Targeted Charge-16  
0.090 2026-Winter Targeted Charge-17  
0.090 2026-Winter Targeted Charge-18  
0.090 2026-Winter Targeted Charge-19  
0.090 2026-Winter Targeted Charge-20  
0.090 2026-Winter Targeted Charge-21  
0.090 2026-Winter Targeted Charge-22  
0.090 2026-Winter Targeted Charge-23  
0.090 2026-Winter Targeted Charge-24  
0.090 2026-Winter Targeted Charge-25

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

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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
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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	ZoZ DRIPE: 2021 vintage Other Costing Period \$/kWh	Net ZoZ DRIPE: 2019 vintage Other Costing Period \$/kWh
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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
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**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
<b>ANNUAL AVOIDED COSTS, 2021\$</b>			
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

<b>Avoided REC Costs to Load</b>
<b>CALCULATE</b>
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



<b>Avoided REC</b>
<b>Costs to</b>

**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\$) <sup>1</sup>	Customer Costs (\$000 - 2024\$) <sup>1</sup>	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio	Benefit (\$000)							
	Granite State Test	Granite State Test							
<b>Residential Programs</b>									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	2.12	148.5	70.0	-	-	-	638.0	750	
<b>Sub-Total Residential</b>	<b>2.12</b>	<b>148.5</b>	<b>70.0</b>	-	-	-	<b>638.0</b>	<b>750</b>	
<b>Commercial, Industrial &amp; Municipal</b>									
C5 - C&I Active Demand Response	3.51	742.4	211.3	-	-	-	3,190.0	20	
<b>Sub-Total Commercial &amp; Industrial</b>	<b>3.51</b>	<b>742.4</b>	<b>211.3</b>	-	-	-	<b>3,190.0</b>	<b>20</b>	
<b>Total</b>	<b>3.17</b>	<b>890.9</b>	<b>281.3</b>	-	-	-	<b>3,828.0</b>	<b>770</b>	

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

2025									
	Benefit/Cost		Utility Costs (\$000 - 2024\$) <sup>1</sup>	Customer Costs (\$000 - 2024\$) <sup>1</sup>	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio	Benefit (\$000)							
	Granite State Test	Granite State Test							
<b>Residential Programs</b>									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	2.28	163.7	71.8	-	-	-	669.9	788	
<b>Sub-Total Residential</b>	<b>2.28</b>	<b>163.7</b>	<b>71.8</b>	-	-	-	<b>669.9</b>	<b>788</b>	
<b>Commercial, Industrial &amp; Municipal</b>									
C5 - C&I Active Demand Response	3.91	818.5	209.5	-	-	-	3,349.5	21	
<b>Sub-Total Commercial &amp; Industrial</b>	<b>3.91</b>	<b>818.5</b>	<b>209.5</b>	-	-	-	<b>3,349.5</b>	<b>21</b>	
<b>Total</b>	<b>3.49</b>	<b>982.2</b>	<b>281.3</b>	-	-	-	<b>4,019.4</b>	<b>809</b>	

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

2026									
	Benefit/Cost		Utility Costs (\$000 - 2024\$) <sup>1</sup>	Customer Costs (\$000 - 2024\$) <sup>1</sup>	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served
	Ratio	Benefit (\$000)							
	Granite State Test	Granite State Test							
<b>Residential Programs</b>									
Home Energy Assistance	0.00	-	-	-	-	-	-	-	-
A5 - Residential Active Demand Response	2.62	180.2	68.9	-	-	-	703.4	827	
<b>Sub-Total Residential</b>	<b>2.62</b>	<b>180.2</b>	<b>68.9</b>	-	-	-	<b>703.4</b>	<b>827</b>	
<b>Commercial, Industrial &amp; Municipal</b>									
C5 - C&I Active Demand Response	4.37	901.2	206.3	-	-	-	3,517.0	22	
<b>Sub-Total Commercial &amp; Industrial</b>	<b>4.37</b>	<b>901.2</b>	<b>206.3</b>	-	-	-	<b>3,517.0</b>	<b>22</b>	
<b>Total</b>	<b>3.93</b>	<b>1,081.5</b>	<b>275.2</b>	-	-	-	<b>4,220.4</b>	<b>849</b>	

(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)			
		CAPACITY					ENERGY	Electric		Non-Electric		Total Resource Benefits	Fossil Emissions	Other Non-Resource Benefits	Total Non-Resource Benefits
		Granite State Test	Summer Generation	Winter Generation	Transmission	Distribution		Electric DRIPE	Total Electric Benefit	Other Fuels	Water Benefit				
<b>2024</b>															
<b>Residential Programs</b>															
A5 - Residential Active Demand Response	\$ 148	\$ 5	\$ -	\$ 64	\$ 78	\$ -	\$ 2	\$ 148	\$ -	\$ -	\$ 148	\$ -	\$ -	\$ -	
Sub-Total Residential	\$ 148	\$ 5	\$ -	\$ 64	\$ 78	\$ -	\$ 2	\$ 148	\$ -	\$ -	\$ 148	\$ -	\$ -	\$ -	
<b>Commercial/Industrial Programs</b>															
C5 - C&I Active Demand Response	\$ 742	\$ 24	\$ -	\$ 320	\$ 389	\$ -	\$ 10	\$ 742	\$ -	\$ -	\$ 742	\$ -	\$ -	\$ -	
Sub-Total Commercial & Industrial	\$ 742	\$ 24	\$ -	\$ 320	\$ 389	\$ -	\$ 10	\$ 742	\$ -	\$ -	\$ 742	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$ 891</b>	<b>\$ 29</b>	<b>\$ -</b>	<b>\$ 384</b>	<b>\$ 466</b>	<b>\$ -</b>	<b>\$ 12</b>	<b>\$ 891</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 891</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>2025</b>															
<b>Residential Programs</b>															
A5 - Residential Active Demand Response	\$ 164	\$ 5	\$ -	\$ 70	\$ 86	\$ -	\$ 2	\$ 164	\$ -	\$ -	\$ 164	\$ -	\$ -	\$ -	
Sub-Total Residential	\$ 164	\$ 5	\$ -	\$ 70	\$ 86	\$ -	\$ 2	\$ 164	\$ -	\$ -	\$ 164	\$ -	\$ -	\$ -	
<b>Commercial/Industrial Programs</b>															
C5 - C&I Active Demand Response	\$ 818	\$ 27	\$ -	\$ 352	\$ 428	\$ -	\$ 11	\$ 818	\$ -	\$ -	\$ 818	\$ -	\$ -	\$ -	
Sub-Total Commercial & Industrial	\$ 818	\$ 27	\$ -	\$ 352	\$ 428	\$ -	\$ 11	\$ 818	\$ -	\$ -	\$ 818	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$ 982</b>	<b>\$ 32</b>	<b>\$ -</b>	<b>\$ 422</b>	<b>\$ 514</b>	<b>\$ -</b>	<b>\$ 14</b>	<b>\$ 982</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 982</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>2026</b>															
<b>Residential Programs</b>															
A5 - Residential Active Demand Response	\$ 180	\$ 6	\$ -	\$ 78	\$ 94	\$ -	\$ 3	\$ 180	\$ -	\$ -	\$ 180	\$ -	\$ -	\$ -	
Sub-Total Residential	\$ 180	\$ 6	\$ -	\$ 78	\$ 94	\$ -	\$ 3	\$ 180	\$ -	\$ -	\$ 180	\$ -	\$ -	\$ -	
<b>Commercial/Industrial Programs</b>															
C5 - C&I Active Demand Response	\$ 901	\$ 30	\$ -	\$ 388	\$ 471	\$ -	\$ 13	\$ 901	\$ -	\$ -	\$ 901	\$ -	\$ -	\$ -	
Sub-Total Commercial & Industrial	\$ 901	\$ 30	\$ -	\$ 388	\$ 471	\$ -	\$ 13	\$ 901	\$ -	\$ -	\$ 901	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$ 1,081</b>	<b>\$ 36</b>	<b>\$ -</b>	<b>\$ 465</b>	<b>\$ 566</b>	<b>\$ -</b>	<b>\$ 15</b>	<b>\$ 1,081</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,081</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	