

SUMMARY OF DELIVERY SERVICE RATES

Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

<u>Class</u>		<u>Distribution Charge*</u>	<u>Non-Transmission External Delivery Charge**</u>	<u>Transmission External Delivery Charge**</u>	<u>Total External Delivery Charge**</u>	<u>Stranded Cost Charge**</u>	<u>Storm Recovery Adjustment Factor***</u>	<u>System Benefits Charge**** (1)</u>	<u>Total Delivery Charges</u>
D	Customer Charge	\$16.22							\$16.22
	All kWh	\$0.04612	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.07847
G2	Customer Charge	\$29.19							\$29.19
	All kW	\$12.13				\$0.00			\$12.13
	All kWh	\$0.00000	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.03235
G2 - kWh meter	Customer Charge	\$18.38							\$18.38
	All kWh	\$0.03270	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06505
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$9.73							\$9.73
	All kWh	\$0.03669	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06904
G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18
	Customer Charge	\$86.49	Primary Voltage						\$86.49
	All kVA	\$8.53				\$0.00			\$8.53
	All kWh	\$0.00000	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.03235
ALL GENERAL	Transformer Ownership Credit (kW/kVa)								(\$0.50)
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)								2.00%
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)								3.50%

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00550 per kWh and lost base revenue portion of \$0.00000 per kWh.

* Authorized by NHPUC Order No. in Case No. DE , dated
** Authorized by NHPUC Order No. 26,655 in Case No. DE 22-038, dated July 28, 2022
*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019
**** Authorized by NHPUC Order No. 26,745 in Case No. DE 22-081, dated December 14, 2022

SUMMARY OF WHOLE HOUSE RESIDENTIAL TIME OF USE RATES AND ELECTRIC VEHICLE RATES
(DELIVERY AND SUPPLY)

Each bill rendered for electric delivery service and supply service (as applicable) shall be calculated through the application of the effective rates as listed below.

		DELIVERY RATES							SUPPLY RATES			Total Delivery and Supply	
		Distribution	Non-Transmission External Delivery	Transmission External Delivery	Total External Delivery	Stranded Cost	Storm Recovery Adjustment	System Benefits	Total Delivery	Renewable Portfolio Standard	Power Supply		Total Default Service
Class		Charge*	Charge**	Charge*	Charge**	Charge**	Factor***	Charge****	Charges	Charge*****	Charge*****	Charge*****	
TOU-D	Customer Charge	\$16.22							\$16.22				\$16.22
	Off-Peak kWh	\$0.04068	(\$0.00376)	(\$0.00419)	(\$0.00795)	\$0.00002	\$0.00000	\$0.00700	\$0.03975	\$0.00528	\$0.21233	\$0.21761	\$0.25736
	Mid-Peak kWh	\$0.05746	(\$0.00376)	\$0.01718	\$0.01342	\$0.00002	\$0.00000	\$0.00700	\$0.07790	\$0.00528	\$0.26340	\$0.26868	\$0.34658
	On-Peak kWh	\$0.05190	(\$0.00376)	\$0.13992	\$0.13616	\$0.00002	\$0.00000	\$0.00700	\$0.19508	\$0.00528	\$0.98576	\$0.99104	\$1.18612
TOU-EV-D	Customer Charge	\$5.26							\$5.26				\$5.26
	Off-Peak kWh	\$0.04068	(\$0.00376)	(\$0.00419)	(\$0.00795)	\$0.00002	\$0.00000	\$0.00700	\$0.03975	\$0.00528	\$0.21233	\$0.21761	\$0.25736
	Mid-Peak kWh	\$0.05746	(\$0.00376)	\$0.01718	\$0.01342	\$0.00002	\$0.00000	\$0.00700	\$0.07790	\$0.00528	\$0.26340	\$0.26868	\$0.34658
	On-Peak kWh	\$0.05190	(\$0.00376)	\$0.13992	\$0.13616	\$0.00002	\$0.00000	\$0.00700	\$0.19508	\$0.00528	\$0.98576	\$0.99104	\$1.18612
TOU-EV-G2	Customer Charge	\$29.19							\$29.19				\$29.19
	All kW	\$6.07				\$0.00			\$6.07				\$6.07
	Off-Peak kWh	\$0.02346	(\$0.00376)	(\$0.00419)	(\$0.00795)	\$0.00002	\$0.00000	\$0.00700	\$0.02253	\$0.00528	\$0.20639	\$0.21167	\$0.23420
	Mid-Peak kWh	\$0.02244	(\$0.00376)	\$0.01211	\$0.00835	\$0.00002	\$0.00000	\$0.00700	\$0.03781	\$0.00528	\$0.26220	\$0.26748	\$0.30529
	On-Peak kWh	\$0.03234	(\$0.00376)	\$0.17119	\$0.16743	\$0.00002	\$0.00000	\$0.00700	\$0.20679	\$0.00528	\$1.10378	\$1.10906	\$1.31585
TOU-EV-G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18				\$162.18
	Customer Charge	\$86.49	Primary Voltage						\$86.49				\$86.49
	All kVA	\$4.27				\$0.00			\$4.27				\$4.27
	Off-Peak kWh	\$0.01240	(\$0.00376)	(\$0.00419)	(\$0.00795)	\$0.00002	\$0.00000	\$0.00700	\$0.01147	\$0.00548	MARKET	MARKET	MARKET
	Mid-Peak kWh	\$0.01343	(\$0.00376)	\$0.01308	\$0.00932	\$0.00002	\$0.00000	\$0.00700	\$0.02977	\$0.00548	MARKET	MARKET	MARKET
	On-Peak kWh	\$0.01831	(\$0.00376)	\$0.17146	\$0.16770	\$0.00002	\$0.00000	\$0.00700	\$0.19303	\$0.00548	MARKET	MARKET	MARKET
ALL GENERAL	Transformer Ownership Credit (kW/kVa)												(\$0.50)
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)												2.00%
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)												3.50%

DEFINITIONS Off-Peak kWh: Monday - Friday 8 P.M. - 6 A.M. and All Day Weekends and Weekday Holidays ¹
Mid-Peak kWh: Monday - Friday 6 A.M. - 3 P.M., excluding Weekday Holidays ¹
On-Peak kWh: Monday - Friday 3 P.M. - 8 P.M., excluding Weekday Holidays ¹

¹ Holidays observed by the State of New Hampshire pursuant to NH RSA 288:1.

* Authorized by NHPUC Order No. _____ in Case No. DE _____, dated _____
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*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019
**** Authorized by NHPUC Order No. 26,745 in Case No. DE 22-081, dated December 14, 2022
***** Authorized by NHPUC Order No. 26,694 in Case No. DE 22-017, dated September 30, 2022

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

Seventy-Eighth Revised Page 6
Superseding Seventy-Seventh Revised Page 6

***SUMMARY OF LOW-INCOME
ELECTRIC ASSISTANCE PROGRAM DISCOUNTS***

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

Tier	Percentage of NH State Median Income & Federal Poverty Guidelines	Discount (5)	Blocks	LI-EAP discount Delivery Only *; Excludes Supply	LI-EAP discount Fixed Default Service ** Supply Only	LI-EAP discount Variable Default Service ** Supply Only	
				Jun 2023 - Jul 2023 (1)	Jun 2023 - Jul 2023 (2)	Jun-23 (3)	Jul-23 (3)
1 (4)	N/A	N/A					
2	151 (FPG) - 60 (SMI)	8%	Customer Charge	(\$1.30)			
			First 750 kWh	(\$0.00628)	(\$0.02074)	(\$0.01091)	(\$0.01264)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 (FPG) - 150 (FPG)	22%	Customer Charge	(\$3.57)			
			First 750 kWh	(\$0.01726)	(\$0.05704)	(\$0.03000)	(\$0.03476)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
4	101 (FPG) - 125 (FPG)	36%	Customer Charge	(\$5.84)			
			First 750 kWh	(\$0.02825)	(\$0.09333)	(\$0.04910)	(\$0.05688)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 (FPG) - 100 (FPG)	52%	Customer Charge	(\$8.43)			
			First 750 kWh	(\$0.04080)	(\$0.13481)	(\$0.07092)	(\$0.08217)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
6	0 - 75 (FPG)	76%	Customer Charge	(\$12.33)			
			First 750 kWh	(\$0.05964)	(\$0.19703)	(\$0.10365)	(\$0.12009)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000

(1) Discount calculated using total utility charges from Page 4 multiplied by the appropriate discount. These figures exclude default service and are applicable to customers choosing a Competitive Supplier or self-supply. Customers taking default service from the Company would receive these discounts plus the appropriate discount applicable to default service supply. Competitively supplied customers billed on a consolidated basis would receive these discounts plus the appropriate fixed default service supply discount.

(2) Discount calculated using Non-G1 class (Residential) Fixed Default Service Rate multiplied by the appropriate discount. These figures exclude delivery.

(3) Discount calculated using Non-G1 class (Residential) Variable Default Service Rate, for the applicable month, multiplied by the appropriate discount. These figures exclude delivery.

(4) Tier 1 was eliminated by Order No. 25,200 in DE 10-192 dated March 4, 2011.

(5) Discounts effective July 1, 2016 in accordance with Order No. 25-901 in DE 14-078.

* Authorized by NHPUC Order No. in Case No. DE , dated

** Authorized by NHPUC Order No. 26,694 in Case No. DE 22-017, dated September 30, 2022

Issued: April 18, 2023
Effective: June 1, 2023

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Issued By: Robert B. Hevert
Sr. Vice President

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

Seventeenth Revised Page 48
Superseding Sixteenth Revised Page 48

DOMESTIC DELIVERY SERVICE
SCHEDULE D (continued)

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service. In some areas service may be 120/208 volts, three wire, single phase.

DELIVERY SERVICE CHARGES - MONTHLY

The Delivery Service Charges shall include Distribution Charges and Adjustments, set forth below. The Distribution Charges are subject to annual adjustment as approved in DE 21-030.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge:	\$16.22 per meter
Distribution Charge:	4.612¢ per kWh

MINIMUM CHARGE

The minimum charge per month, or fraction thereof, shall be the Customer Charge.

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Sr. Vice President

GENERAL DELIVERY SERVICE
SCHEDULE G

AVAILABILITY

Service is available under this Schedule to non-domestic Customers for all general purposes and includes the operation of single phase motors having such characteristics and so operated as not to impair service to other Customers. Single phase motors exceeding five (5) horsepower will be allowed only upon approval by the Company in each instance. Unmetered traffic and flashing signal lights existing immediately prior to the effective date of this Schedule shall also be billed under this Schedule.

This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier, self-supply (available to Market Participant End Users as described in NHPUC Order No. 24,172), or may be eligible for Default Service from the Company pursuant to Schedule DS as amended from time to time.

CHARACTER OF SERVICE

Electric service of the following description is available, depending upon the location of the Customer: (1) 120/240 volts, single phase, three wire; (2) 120/208 volts, single phase, three wire; (3) 208Y/120 volts, three phase, four wire; (4) 480Y/277 volts, three phase, four wire; (5) 4160 volts, three phase, four wire or such higher primary distribution voltage as may be available, the voltage to be designated by the Company.

DELIVERY SERVICE CHARGES – MONTHLY

The Delivery Service Charges shall include Distribution Charges and Adjustments, set forth below. The Distribution Charges are subject to annual adjustment as approved in DE 21-030.

Large General Service Schedule G1: for any industrial or commercial Customer with its average use consistently equal to or in excess of two hundred (200) kilovolt-amperes of demand and/or generally greater than or equal to one-hundred thousand (100,000) kilowatt-hours per month.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge:	Secondary Voltage	\$162.18 per meter
	Primary Voltage	\$86.49 per meter
Distribution Charges:	\$8.53 per kVA	
	0.000¢ per kWh	

Regular General Service Schedule G2: for any industrial or commercial Customer with its average use consistently below two-hundred (200) kilovolt-amperes of demand and/or generally less than one-hundred thousand (100,000) kilowatt-hours per month.

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NHPUC No. 3 - Electricity Delivery
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Seventeenth Revised Page 52
Superseding Sixteenth Revised Page 52

GENERAL DELIVERY SERVICE
SCHEDULE G (continued)

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$29.19 per meter

Distribution Charges: \$12.13 per kW
0.000¢ per kWh

Regular General Service Schedule G2 kWh meter: Service is available under this Schedule only to Customers at locations which were receiving service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule. New Customers at existing locations and new locations shall not be eligible for this rate, but the Company will install a demand meter and the location shall be served under Schedule G2. Customers who have installed distributed generation shall not be eligible for this rate but shall be served under Schedule G2.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$18.38 per meter

Distribution Charge: 3.270¢ per kWh

Uncontrolled (Quick Recovery) Water Heating: Uncontrolled (Quick Recovery) Water Heating is available under this Schedule at those locations which were receiving uncontrolled (Quick Recovery) water heating service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule.

For those locations which qualify under the preceding paragraph, uncontrolled quick recovery water heating service is available under this Schedule if the Customer has installed and in regular operation throughout the entire year an electric water heater of the quick recovery type, equipped with two thermostatically operated heating elements, each with a rating of no more than 4,500 watts, so connected and interlocked that they cannot operate simultaneously and if the water heater supplies the Customer's entire water heating requirements, all electricity supplied thereto under this provision will be metered separately and billed as follows:

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$9.73 per meter

Distribution Charge: 3.669¢ per kWh

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Sr. Vice President

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

Seventeenth Revised Page 53
Superseding Sixteenth Revised Page 53

GENERAL DELIVERY SERVICE
SCHEDULE G (continued)

Space Heating: Space Heating is available under this Schedule at those locations which were receiving space heating service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule. Customers who qualify for service under this Schedule for five (5) kilowatts or more of permanently-installed space heating equipment under this provision may elect to have such service metered separately and billed as follows:

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$9.73 per meter

Distribution Charge: 3.669¢ per kWh

DETERMINATION OF DEMAND

Large General Service Schedule G1

For the purpose of demand billing under the Large General Service Schedule G1, metered demands shall be measured as the highest 15-minute integrated kilovolt-ampere (kVA) demand determined during the current month for which the bill is rendered. The monthly billing demand charge shall be based upon this metered demand except that it shall not be less than 80% of the highest demand in any of the immediately preceding eleven months, and in no event shall such demand be taken or considered as being less than 50 kVA.

Regular General Service Schedule G2

The metered demand used for billing shall be the maximum fifteen-minute kilowatt (kW) demand determined during the current month, but in no case less than one kW or the minimum available demand capacity specified by an agreement between the Customer and the Company. The billing demand shall be taken in 0.1 kW intervals, and those demands falling between the intervals shall be billed on the next lower 0.1 kW.

If the Customer's average use is consistently equal to or in excess of two-hundred (200) kilovolt-ampere (kVA) of demand and/or is generally greater than one-hundred thousand (100,000) kilowatt-hours per month, as measured by the Company, the Customer may be placed on rate G1.

The Company reserves the right to install kilovolt-ampere meters, and in such case the monthly demand shall not be less than 90% of the measured kVA.

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Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

Class		Distribution Charge*	Non-Transmission External Delivery Charge**	Transmission External Delivery Charge**	Total External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges
D	Customer Charge	\$16.22 \$0.04612							\$16.22 \$0.07847
	All kWh	\$0.04511	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.07746
G2	Customer Charge	\$29.19 \$12.13							\$29.19 \$12.13
	All kW	\$11.91				\$0.00			\$11.91
	All kWh	\$0.00000	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.03235
G2 - kWh meter	Customer Charge	\$18.38 \$0.03270							\$18.38 \$0.06505
	All kWh	\$0.02933	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06168
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$9.73 \$0.03669							\$9.73 \$0.06904
	All kWh	\$0.03599	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06834
G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18
	Customer Charge	\$86.49 \$8.53	Primary Voltage						\$86.49 \$8.53
	All kVA	\$8.40				\$0.00			\$8.40
	All kWh	\$0.00000	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.03235
ALL GENERAL	Transformer Ownership Credit (kW/kVa)								(\$0.50)
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)								2.00%
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)								3.50%

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00550 per kWh and lost base revenue portion of \$0.00000 per kWh.

* Authorized by NHPUC Order No. 26,656 in Case No. DE 22-026, dated July 28, 2022

** Authorized by NHPUC Order No. 26,655 in Case No. DE 22-038, dated July 28, 2022

*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019

**** Authorized by NHPUC Order No. 26,745 in Case No. DE 22-081, dated December 14, 2022

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

SUMMARY OF WHOLE HOUSE RESIDENTIAL TIME OF USE RATES AND ELECTRIC VEHICLE RATES

(DELIVERY AND SUPPLY)

Each bill rendered for electric delivery service and supply service (as applicable) shall be calculated through the application of the effective rates as listed below.

Class		DELIVERY RATES									SUPPLY RATES					Total Delivery and Supply	
		Distribution Charge*	Non-Transmission External Delivery Charge**	Transmission External Delivery Charge*	Total External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge****	Total Delivery Charges	Renewable Portfolio Standard Charge*****	Power Supply Charge*****	Total Default Service Charge*****					
TOU-D	Customer Charge	\$16.22							\$16.22						\$16.22		
	Off-Peak kWh	\$0.03880 <i>\$0.04068</i>	(\$0.00376)	(\$0.00241) <i>(\$0.00419)</i>	(\$0.00617) <i>(\$0.00795)</i>	\$0.00002	\$0.00000	\$0.00700	\$0.03965 <i>\$0.03975</i>	\$0.00528	\$0.15748 <i>\$0.21233</i>	\$0.16276 <i>\$0.21761</i>	\$0.20241 <i>\$0.25736</i>				
	Mid-Peak kWh	\$0.05219 <i>\$0.05746</i>	(\$0.00376)	(\$0.00037) <i>\$0.01718</i>	(\$0.00413) <i>\$0.01342</i>	\$0.00002	\$0.00000	\$0.00700	\$0.05608 <i>\$0.07790</i>	\$0.00528	\$0.16055 <i>\$0.26340</i>	\$0.16583 <i>\$0.26868</i>	\$0.22191 <i>\$0.34658</i>				
	On-Peak kWh	\$0.04588 <i>\$0.05190</i>	(\$0.00376)	\$0.16312 <i>\$0.13992</i>	\$0.15936 <i>\$0.13616</i>	\$0.00002	\$0.00000	\$0.00700	\$0.21226 <i>\$0.19508</i>	\$0.00528	\$0.19426 <i>\$0.98576</i>	\$0.19954 <i>\$0.99104</i>	\$0.41180 <i>\$1.18612</i>				
TOU-EV-D	Customer Charge	\$5.26							\$5.26					\$5.26			
	Off-Peak kWh	\$0.03880 <i>\$0.04068</i>	(\$0.00376)	(\$0.00241) <i>(\$0.00419)</i>	(\$0.00617) <i>(\$0.00795)</i>	\$0.00002	\$0.00000	\$0.00700	\$0.03965 <i>\$0.03975</i>	\$0.00528	\$0.15748 <i>\$0.21233</i>	\$0.16276 <i>\$0.21761</i>	\$0.20241 <i>\$0.25736</i>				
	Mid-Peak kWh	\$0.05219 <i>\$0.05746</i>	(\$0.00376)	(\$0.00037) <i>\$0.01718</i>	(\$0.00413) <i>\$0.01342</i>	\$0.00002	\$0.00000	\$0.00700	\$0.05608 <i>\$0.07790</i>	\$0.00528	\$0.16055 <i>\$0.26340</i>	\$0.16583 <i>\$0.26868</i>	\$0.22191 <i>\$0.34658</i>				
	On-Peak kWh	\$0.04588 <i>\$0.05190</i>	(\$0.00376)	\$0.16312 <i>\$0.13992</i>	\$0.15936 <i>\$0.13616</i>	\$0.00002	\$0.00000	\$0.00700	\$0.21226 <i>\$0.19508</i>	\$0.00528	\$0.19426 <i>\$0.98576</i>	\$0.19954 <i>\$0.99104</i>	\$0.41180 <i>\$1.18612</i>				
TOU-EV-G2	Customer Charge	\$29.19							\$29.19					\$29.19			
	All kW	\$5.96 <i>\$6.07</i>				\$0.00			\$5.96 <i>\$6.07</i>					\$5.96 <i>\$6.07</i>			
	Off-Peak kWh	\$0.02152 <i>\$0.02346</i>	(\$0.00376)	(\$0.00228) <i>(\$0.00419)</i>	(\$0.00604) <i>(\$0.00795)</i>	\$0.00002	\$0.00000	\$0.00700	\$0.02251 <i>\$0.02253</i>	\$0.00528	\$0.15223 <i>\$0.20639</i>	\$0.15761 <i>\$0.21167</i>	\$0.18012 <i>\$0.23420</i>				
	Mid-Peak kWh	\$0.02110 <i>\$0.02244</i>	(\$0.00376)	(\$0.00125) <i>\$0.01211</i>	(\$0.00501) <i>\$0.00835</i>	\$0.00002	\$0.00000	\$0.00700	\$0.02311 <i>\$0.03781</i>	\$0.00528	\$0.15905 <i>\$0.26220</i>	\$0.16433 <i>\$0.26748</i>	\$0.18744 <i>\$0.30529</i>				
	On-Peak kWh	\$0.02669 <i>\$0.03234</i>	(\$0.00376)	\$0.18512 <i>\$0.17119</i>	\$0.18136 <i>\$0.16743</i>	\$0.00002	\$0.00000	\$0.00700	\$0.21507 <i>\$0.20679</i>	\$0.00528	\$0.19382 <i>\$1.10378</i>	\$0.19910 <i>\$1.10906</i>	\$0.41417 <i>\$1.31585</i>				
TOU-EV-G1	Customer Charge	\$162.18	Secondary Voltage						\$162.18					\$162.18			
	Customer Charge	\$86.49							\$86.49				\$86.49				
	All kVA	\$4.20 <i>\$4.27</i>				\$0.00			\$4.20 <i>\$4.27</i>				\$4.20 <i>\$4.27</i>				
	Off-Peak kWh	\$0.01201 <i>\$0.01240</i>	(\$0.00376)	(\$0.00230) <i>(\$0.00419)</i>	(\$0.00606) <i>(\$0.00795)</i>	\$0.00002	\$0.00000	\$0.00700	\$0.01297 <i>\$0.01147</i>	\$0.00548	MARKET	MARKET	MARKET				
	Mid-Peak kWh	\$0.01266 <i>\$0.01343</i>	(\$0.00376)	(\$0.00107) <i>\$0.01308</i>	(\$0.00483) <i>\$0.00932</i>	\$0.00002	\$0.00000	\$0.00700	\$0.01485 <i>\$0.02977</i>	\$0.00548	MARKET	MARKET	MARKET				
	On-Peak kWh	\$0.01547 <i>\$0.01831</i>	(\$0.00376)	\$0.18954 <i>\$0.17146</i>	\$0.18578 <i>\$0.16770</i>	\$0.00002	\$0.00000	\$0.00700	\$0.20827 <i>\$0.19303</i>	\$0.00548	MARKET	MARKET	MARKET				
ALL GENERAL	Transformer Ownership Credit (kW/kVA)													(\$0.50)			
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)													2.00%			
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)													3.50%			
DEFINITIONS	Off-Peak kWh: Monday - Friday 8 P.M. - 6 A.M. and All Day Weekends and Weekday Holidays ¹																
	Mid-Peak kWh: Monday - Friday 6 A.M. - 3 P.M., excluding Weekday Holidays ¹																
	On-Peak kWh: Monday - Friday 3 P.M. - 8 P.M., excluding Weekday Holidays ¹																
	¹ Holidays observed by the State of New Hampshire pursuant to NH RSA 288:1.																

* Authorized by NHPUC Order No. 26,656 in Case No. DE 22-026, dated July 28, 2022 and NHPUC Order No. 26,655 in Case No. DE 22-038, dated July 28, 2022.

** Authorized by NHPUC Order No. 26,655 in Case No. DE 22-038, dated July 28, 2022.

*** Authorized by NHPUC Order No. 26,236 in Case No. DE 19-043, dated April 22, 2019.

**** Authorized by NHPUC Order No. 26,745 in Case No. DE 22-081, dated December 14, 2022.

***** Authorized by NHPUC Order No. 26,694 in Case No. DE 22-017, dated September 30, 2022.

Issued: April 18 January 6, 2023
Effective: June January 1, 2023

Issued By: Robert B. Hevert
Sr. Vice President

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

Seventy-~~Eighth~~ ~~Seventh~~ Revised Page 6
Superseding Seventy-~~Seventh~~ ~~Sixth~~ Revised Page 6

**SUMMARY OF LOW-INCOME
ELECTRIC ASSISTANCE PROGRAM DISCOUNTS**

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

Tier	Percentage of NH State Median Income & Federal Poverty Guidelines	Discount (5)	Blocks	LI-EAP discount Delivery Only *; Excludes Supply	LI-EAP discount Fixed Default Service ** Supply Only	LI-EAP discount Variable Default Service ** Supply Only	
				Jun 2023 - Jul 2023 (1) Jan 2023 - Jul 2023 (1)-	Jun 2023 - Jul 2023 (2) Jan 2023 - Jul 2023 (2)-	Jun-23 (3)	Jul-23 (3)
1 (4)	N/A	N/A					
2	151 (FPG) - 60 (SMI)	8%	Customer Charge	(\$1.30) (\$0.00628)			
			First 750 kWh	(\$0.00620)	(\$0.02074)	(\$0.01091)	(\$0.01264)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 (FPG) - 150 (FPG)	22%	Customer Charge	(\$3.57) (\$0.01726)			
			First 750 kWh	(\$0.01704)	(\$0.05704)	(\$0.03000)	(\$0.03476)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
4	101 (FPG) - 125 (FPG)	36%	Customer Charge	(\$5.84) (\$0.02825)			
			First 750 kWh	(\$0.02789)	(\$0.09333)	(\$0.04910)	(\$0.05688)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 (FPG) - 100 (FPG)	52%	Customer Charge	(\$8.43) (\$0.04080)			
			First 750 kWh	(\$0.04028)	(\$0.13481)	(\$0.07092)	(\$0.08217)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000
6	0 - 75 (FPG)	76%	Customer Charge	(\$12.33) (\$0.05964)			
			First 750 kWh	(\$0.05887)	(\$0.19703)	(\$0.10365)	(\$0.12009)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000

(1) Discount calculated using total utility charges from Page 4 multiplied by the appropriate discount. These figures exclude default service and are applicable to customers choosing a Competitive Supplier or self-supply. Customers taking default service from the Company would receive these discounts plus the appropriate discount applicable to default service supply. Competitively supplied customers billed on a consolidated basis would receive these discounts plus the appropriate fixed default service supply discount.

(2) Discount calculated using Non-G1 class (Residential) Fixed Default Service Rate multiplied by the appropriate discount. These figures exclude delivery.

(3) Discount calculated using Non-G1 class (Residential) Variable Default Service Rate, for the applicable month, multiplied by the appropriate discount. These figures exclude delivery.

(4) Tier 1 was eliminated by Order No. 25,200 in DE 10-192 dated March 4, 2011.

(5) Discounts effective July 1, 2016 in accordance with Order No. 25-901 in DE 14-078.

* Authorized by NHPUC Order No. ~~26,745~~ in Case No. DE ~~22-081~~, dated ~~December 14, 2022~~

** Authorized by NHPUC Order No. 26,694 in Case No. DE 22-017, dated September 30, 2022

Issued: ~~April 18~~ January 6, 2023

Effective: ~~June~~ January 1, 2023

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Issued By: Robert B. Hevert

Sr. Vice President

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

~~Sixteenth~~ Seventeenth Revised Page 48
Superseding ~~Fifteenth~~ Sixteenth Revised Page 48

DOMESTIC DELIVERY SERVICE
SCHEDULE D (continued)

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service. In some areas service may be 120/208 volts, three wire, single phase.

DELIVERY SERVICE CHARGES - MONTHLY

The Delivery Service Charges shall include Distribution Charges and Adjustments, set forth below. The Distribution Charges are subject to annual adjustment as approved in DE 21-030.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$16.22 per meter

Distribution Charge: ~~4.61~~ 24.511¢ per kWh

MINIMUM CHARGE

The minimum charge per month, or fraction thereof, shall be the Customer Charge.

Authorized by NHPUC Order No. ~~26,656~~ in Case No. DE ~~22-026~~ dated ~~July 28, 2022~~.

Issued: ~~April 18, 2023~~ August 1, 2022
Effective: ~~June 1, 2023~~ August 1, 2022

Issued by: Robert B. Hevert
Sr. Vice President

GENERAL DELIVERY SERVICE
SCHEDULE G

AVAILABILITY

Service is available under this Schedule to non-domestic Customers for all general purposes and includes the operation of single phase motors having such characteristics and so operated as not to impair service to other Customers. Single phase motors exceeding five (5) horsepower will be allowed only upon approval by the Company in each instance. Unmetered traffic and flashing signal lights existing immediately prior to the effective date of this Schedule shall also be billed under this Schedule.

This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier, self-supply (available to Market Participant End Users as described in NHPUC Order No. 24,172), or may be eligible for Default Service from the Company pursuant to Schedule DS as amended from time to time.

CHARACTER OF SERVICE

Electric service of the following description is available, depending upon the location of the Customer: (1) 120/240 volts, single phase, three wire; (2) 120/208 volts, single phase, three wire; (3) 208Y/120 volts, three phase, four wire; (4) 480Y/277 volts, three phase, four wire; (5) 4160 volts, three phase, four wire or such higher primary distribution voltage as may be available, the voltage to be designated by the Company.

DELIVERY SERVICE CHARGES – MONTHLY

The Delivery Service Charges shall include Distribution Charges and Adjustments, set forth below. The Distribution Charges are subject to annual adjustment as approved in DE 21-030.

Large General Service Schedule G1: for any industrial or commercial Customer with its average use consistently equal to or in excess of two hundred (200) kilovolt-amperes of demand and/or generally greater than or equal to one-hundred thousand (100,000) kilowatt-hours per month.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge:	Secondary Voltage	\$162.18 per meter
	Primary Voltage	\$86.49 per meter
Distribution Charges:	\$8. 5340 per kVA	
	0.000¢ per kWh	

Regular General Service Schedule G2: for any industrial or commercial Customer with its average use consistently below two-hundred (200) kilovolt-amperes of demand and/or generally less than one-hundred thousand (100,000) kilowatt-hours per month.

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NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

~~Sixteenth~~ Seventeenth Revised Page 52
Superseding ~~Fifteenth~~ Sixteenth Revised Page 52

GENERAL DELIVERY SERVICE
SCHEDULE G (continued)

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$29.19 per meter

Distribution Charges: ~~\$12.13~~ \$11.91 per kW
0.000¢ per kWh

Regular General Service Schedule G2 kWh meter: Service is available under this Schedule only to Customers at locations which were receiving service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule. New Customers at existing locations and new locations shall not be eligible for this rate, but the Company will install a demand meter and the location shall be served under Schedule G2. Customers who have installed distributed generation shall not be eligible for this rate but shall be served under Schedule G2.

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$18.38 per meter

Distribution Charge: ~~3.2702~~ 2.933¢ per kWh

Uncontrolled (Quick Recovery) Water Heating: Uncontrolled (Quick Recovery) Water Heating is available under this Schedule at those locations which were receiving uncontrolled (Quick Recovery) water heating service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule.

For those locations which qualify under the preceding paragraph, uncontrolled quick recovery water heating service is available under this Schedule if the Customer has installed and in regular operation throughout the entire year an electric water heater of the quick recovery type, equipped with two thermostatically operated heating elements, each with a rating of no more than 4,500 watts, so connected and interlocked that they cannot operate simultaneously and if the water heater supplies the Customer's entire water heating requirements, all electricity supplied thereto under this provision will be metered separately and billed as follows:

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$9.73 per meter

Distribution Charge: ~~3.6693~~ 3.599¢ per kWh

Authorized by NHPUC Order No. ~~26,656~~ in Case No. DE ~~22-026~~ dated ~~July 28, 2022~~.

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Unitil Energy Systems, Inc.

~~Sixteenth~~Seventeenth Revised Page 53
Superseding ~~Fifteenth~~Sixteenth Revised Page 53

GENERAL DELIVERY SERVICE
SCHEDULE G (continued)

Space Heating: Space Heating is available under this Schedule at those locations which were receiving space heating service under Unitil Energy Systems, Inc.'s NHPUC No. 1 and are presently receiving service under this Schedule. Customers who qualify for service under this Schedule for five (5) kilowatts or more of permanently-installed space heating equipment under this provision may elect to have such service metered separately and billed as follows:

DISTRIBUTION CHARGES - MONTHLY

Customer Charge: \$9.73 per meter

Distribution Charge: ~~3.6693~~3.599¢ per kWh

DETERMINATION OF DEMAND

Large General Service Schedule G1

For the purpose of demand billing under the Large General Service Schedule G1, metered demands shall be measured as the highest 15-minute integrated kilovolt-ampere (kVA) demand determined during the current month for which the bill is rendered. The monthly billing demand charge shall be based upon this metered demand except that it shall not be less than 80% of the highest demand in any of the immediately preceding eleven months, and in no event shall such demand be taken or considered as being less than 50 kVA.

Regular General Service Schedule G2

The metered demand used for billing shall be the maximum fifteen-minute kilowatt (kW) demand determined during the current month, but in no case less than one kW or the minimum available demand capacity specified by an agreement between the Customer and the Company. The billing demand shall be taken in 0.1 kW intervals, and those demands falling between the intervals shall be billed on the next lower 0.1 kW.

If the Customer's average use is consistently equal to or in excess of two-hundred (200) kilovolt-ampere (kVA) of demand and/or is generally greater than one-hundred thousand (100,000) kilowatt-hours per month, as measured by the Company, the Customer may be placed on rate G1.

The Company reserves the right to install kilovolt-ampere meters, and in such case the monthly demand shall not be less than 90% of the measured kVA.

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Issued: ~~April 18, 2023~~August 1, 2022
Effective: ~~June 1, 2023~~August 1, 2022

Issued by: Robert B. Hevert
Sr. Vice President

Unitil Energy Systems, Inc.
2023 Step Adjustment

Line No.	Description	Rate Effective Date			6/1/2023	
		Total Investment Year 2022	Growth Investment Year 2022	Non-Growth Investment Year 2022	Growth Source	Non-Growth Source
		(a)	(b)	(c)	(d)	(e)
1	Beginning Net Utility Plant ⁽¹⁾	\$ 279,381,159				
2	Beginning Utility Plant ⁽¹⁾	\$ 425,024,311				
3	Plant Additions	19,243,626	4,015,855	15,227,771	Sch CGKS-1, Line 205	Sch CGKS-1 ⁽²⁾ , Line 206
4	Retirements	(2,293,538)	(470,226)	(1,823,312)	Total x Revised Sch CGKS-1, Line 210	Total x Revised Sch CGKS-1, Line 211
5	Ending Utility Plant	441,974,399	3,545,629	13,404,459		
6	Beginning Accumulated Depreciation ⁽¹⁾	145,643,152				
7	Depreciation Expense	12,883,781	2,641,463	10,242,319	Total x Sch CGKS-1, Line 210	Total x Sch CGKS-1, Line 211
8	Retirements	(2,293,538)	(470,226)	(1,823,312)	Total x Sch CGKS-1, Line 210	Total x Sch CGKS-1, Line 211
9	Cost of Removal, Salvage and Transfers	(2,251,314)	(166,312)	(2,085,002)	Sch CGKS-1, Line 205	Sch CGKS-1, Line 206
10	Ending Accumulated Depreciation	153,982,082	2,004,924	6,334,005		
11	Ending Net Utility Plant	287,992,317				
12	Change in Net Plant			7,070,454		
13	Pre-Tax Rate of Return			9.18%		
14	Return and Taxes			649,202		
15	Depreciation Expense on Non-Growth Plant Additions at ⁽³⁾	3.35%		510,342		
16	Property Taxes on Non-Growth Change in Net Plant at ⁽⁴⁾	0.66%		46,665		
17	Revenue Requirement Increase			\$ 1,206,209		

Notes:

- (1) Beginning Net Utility Plant corresponds to DE 22-026, Second Revised Schedule CGKS-5
- (2) Excludes \$117,775.69 of Exeter DOC costs. Refer to Schedule CGKS-1, Line 115. Also excludes \$178,920.88 related to sale of Concord Street Lights consistent with DE 21-030 Settlement Agreement Section 6.7.3. Also excludes \$47,081.63 of consultant cost associated with the Time of Use testing project. Refer to Schedule CGKS-1, Line 48
- (3) Refer to DE 21-030 Settlement Attachment 1, Schedule RevReq 3-16 P2 Revised, Col 8, Line 3f
- (4) Property Taxes shall include State utility property taxes for all Non-Growth Plant Additions, calculated using the statutory tax rate in RSA 83-F:2, currently \$6.60 per \$1,000 of investment. Local property taxes shall not be included in the calculation and will be recovered through the Company's External Delivery Charge

2022 Gross Plant Detail

Description	Beginning Balance	Additions	Retirements	Ending Balance
301-00 Organization-E	380	-	-	380
303-00 Intangible Software-5 Yea-E	7,515,356	1,231,884	-	8,747,240
303-01 Intangible Software-3 Yea-E	87,196	-	-	87,196
303-02 Intangible Software-10 Yea-E	5,489,896	-	-	5,489,896
303-03 Intangible Software-CIS	9,701,357	-	-	9,701,357
343-00 Prime Movers-E	15,527	-	-	15,527
353-00 Transmission Station Equi-E	-	-	-	-
360-01 ROW - Distribution-E	1,002,661	-	-	1,002,661
360-02 ROW - Distribution-E	1,674,812	6,756	-	1,681,568
361-00 Distribution Structures-E	2,199,770	16,181	-	2,215,951
362-00 Distribution Station Equi-E	51,229,145	1,339,449	(9,526)	52,559,069
364-00 Distribution Poles, Tower-E	79,817,407	6,683,210	(461,566)	86,039,051
365-00 Distribution Overhead Con-E	97,711,498	4,080,684	(1,041,084)	100,751,098
366-00 Distribution Underground -E	2,804,109	214,807	(3,154)	3,015,762
367-00 Distribution Underground -E	24,678,709	1,084,754	(113,748)	25,649,715
368-00 Distribution Line Transfo-E	29,817,888	964,770	(59,295)	30,723,364
368-01 Transformer Installations-E	27,326,623	1,869,009	(531)	29,195,101
369-00 Distribution Services-E	26,907,411	653,256	(87,617)	27,473,050
370-00 Distribution Meters-E	11,539,606	198,198	(95,535)	11,642,269
370-01 Meter Installation-E	7,000,684	133,159	-	7,133,843
371-00 Installations on Customer-E	2,279,124	370,374	(184,201)	2,465,297
373-00 Street Lights & Signal Sy-E	3,572,923	106,805	(45,186)	3,634,543
373-01 Street Lights & Signal Sy-E	-	-	-	-
389-00 General & Misc. Land-E	1,363,295	-	-	1,363,295
390-00 Structures-E	20,240,097	172,743	-	20,412,840
390-01 General & Misc. Structure-E	-	-	-	-
391-01 Office Furniture & Fixtur-E	1,418,790	4,784	-	1,423,575
391-03 Computer Equipment-E	-	-	-	-
392-00 Transportation Equipment-E	1,064,856	-	-	1,064,856
393-00 Stores Equipment-E	102,089	-	-	102,089
394-00 Tools, Shop and garage Eq-E	2,674,935	156,969	-	2,831,904
395-00 Laboratory Equipment-E	967,686	23,599	-	991,285
397-00 Communication Equipment-E	6,327,699	276,013	(192,097)	6,411,615
398-00 Miscellaneous Equipment-E	102,943	-	-	102,943
399-00 Other Intangible Plant-E	-	-	-	-
Grand Total	426,634,474	19,587,404	(2,293,538)	443,928,340

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Revised Schedule CGKS-3
Page 3 of 4

2022 Accumulated Depreciation Detail

Description	Beginning Balance	Provision	Retirements	Cost of Removal	Salvage	Transfers	Ending Balance
301-00 Organization	-	-	-	-	-	-	-
303-00 Intangible Software-5 Year	5,266,860	711,854	-	-	-	-	5,978,714
303-01 Intangible Software-3 Year	87,196	-	-	-	-	-	87,196
303-02 Intangible Software-10 Year	3,249,140	511,035	-	-	-	-	3,760,175
303-03 Intangible Software-CIS	1,526,766	512,318	-	-	-	-	2,039,084
343-00 Prime Movers	(2,076)	4,134	-	-	-	-	2,059
350-01 ROW - Transmission	-	-	-	-	-	-	-
350-02 ROW - Transmission	-	-	-	-	-	-	-
352-00 Transmission Structures	-	-	-	-	-	-	-
353-00 Transmission Station Equipme	-	-	-	-	-	-	-
354-00 Transmission Towers & Fixtur	-	-	-	-	-	-	-
355-00 Transmission Poles & Fixture	-	-	-	-	-	-	-
356-00 Transmission Overhead Conduc	-	-	-	-	-	-	-
360-01 ROW - Distribution	-	-	-	-	-	-	-
360-02 ROW - Distribution	-	-	-	-	-	-	-
361-00 Distribution Structures	359,466	55,200	-	-	-	-	414,666
362-00 Distribution Station Equipme	11,354,366	1,913,438	(9,526)	(48,089)	7	-	13,210,195
364-00 Distribution Poles, Towers &	29,416,264	2,939,663	(461,566)	(692,259)	3,267	-	31,205,369
365-00 Distribution Overhead Conduc	30,077,099	3,339,643	(1,041,084)	(1,057,674)	9,957	-	31,327,942
366-00 Distribution Underground Con	747,802	77,033	(3,154)	(20,798)	183	-	801,065
367-00 Distribution Underground Con	7,517,575	969,643	(113,748)	(65,120)	7,554	-	8,315,905
368-00 Distribution Line Transforme	11,197,204	404,086	(59,295)	(84,163)	51	-	11,457,883
368-01 Transformer Installations	6,779,812	296,287	(531)	(4,282)	32	-	7,071,319
368-02 Transformers Installations	-	-	-	-	-	-	-
369-00 Distribution Services	19,341,513	(1,094,023)	(87,617)	(240,350)	754	-	17,920,277
370-00 Distribution Meters	4,872,855	960,424	(95,535)	-	-	-	5,737,744
370-01 Meter Installation	1,502,965	465,463	-	-	-	-	1,968,427
370-02 Meter Installations	-	-	-	-	-	-	-
371-00 Installations on Customers P	385,126	199,086	(184,201)	(58,153)	5,960	-	347,818
373-00 Street Lights & Signal Syste	3,200,085	(290,280)	(45,186)	(10,189)	1,999	-	2,856,430
373-01 Street Lights & Signal Syste	-	-	-	-	-	-	-
389-00 General & Misc. Land	-	-	-	-	-	-	-
390-00 Structures	2,296,265	365,669	-	-	-	-	2,661,933
390-01 General & Misc. Structures	-	(272)	-	-	-	-	(272)
391-01 Office Furniture & Fixtures	24,661	190,941	-	-	-	-	215,602
391-03 Computer Equipment	4,346	(1,375)	-	-	-	-	2,972
392-00 Transportation Equipment	1,036,956	-	-	-	-	-	1,036,956
393-00 Stores Equipment	69,451	2,317	-	-	-	-	71,768
394-00 Tools, Shop and garage Equip	1,076,714	125,300	-	-	-	-	1,202,014
395-00 Laboratory Equipment	536,358	24,216	-	-	-	-	560,573
397-00 Communication Equipment	3,615,441	204,023	(192,097)	-	-	-	3,627,366
398-00 Miscellaneous Equipment	102,943	(2,043)	-	-	-	-	100,901
399-00 Other Tangible Property	-	-	-	-	-	-	-
Grand Total	145,643,152	12,883,781	(2,293,538)	(2,281,078)	29,764	-	153,982,082

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Revised Schedule CGKS-3
Page 4 of 4

Unitil Energy Systems, Inc.
Pre-Tax Rate Of Return

	(1)	(2)	(3)	(4)	(5)	(6)
LINE NO.	Description	Weight	Cost of Capital	Weighted Cost of Capital	Tax Factor⁽¹⁾	Pre-Tax Cost
1	Common Stock Equity	52.00%	9.20%	4.78%	1.3685	6.55%
2	Preferred Stock Equity	0.00%	6.00%	0.00%		0.00%
3	Long Term Debt	48.00%	5.49%	2.64%		2.64%
4	Short Term Debt	0.00%	1.68%	0.00%		0.00%
5	Total	100.00%		7.42%		9.18%

Notes:

(1) 21% Federal Tax Rate and 7.5% NH State Tax Rate

UNITIL ENERGY SYSTEMS, INC.
2023 Step Adjustment Rate Design

Row	Description	Units	Test Year 2020 Bill Units	Permanent Rates, June 1, 2022 Rate Revenue	June & July Bill Units	August to May Bill Units	June 1 Rates	August to May Revenues	Step Adjustment, August 1, 2022 Rate Revenue	Annualized Step Adjustment, June 1, 2023 ⁽¹⁾ Rate Revenue	Step 1 Increase Allocation	10-Month Recovery Volumetric Percent Increase	12-Month Recovery Volumetric Percent Increase	Step Adjustment, June 1, 2023 Rate Revenue	Step 2 Increase Allocation	Step 2 Increase Percent Increase
A	B	C	D	E F	G	H	I	J	K L	M N	O	P	Q	R S	T	U
1	Domestic															
2	Customer Charge		815,280	\$16.22 \$ 13,223,834	137,206	678,073	\$16.22 \$ 10,998,350		\$16.22 \$ 10,998,350	\$16.22 \$ 13,223,834				\$16.22 \$ 13,223,834		
3	Energy Charge	kWh	515,968,592	\$ 0.04333 \$ 22,356,919	96,445,691	419,522,901	\$ 0.04333 \$ 18,177,927		\$ 0.04511 \$ 18,924,791	\$ 0.04478 \$ 23,103,783				\$ 0.04612 \$ 23,794,723		
4	Subtotal: Domestic			\$ 35,580,753			\$ 29,176,277		\$ 29,923,141	\$ 36,327,617				\$ 37,018,556		
5	Total Schedule D			\$ 35,580,753			\$ 29,176,277		\$ 29,923,141	\$ 36,327,617	\$ 746,864	4.11%	3.34%	\$ 37,018,556	\$ 690,940	2.99%
6	G2 - kWh								2.56%	2.10%				1.90%		
7	Customer Charge		4,543	\$18.38 \$ 83,500	757	3,786	\$18.38 \$ 69,587		\$18.38 \$ 69,587	\$18.38 \$ 83,500				\$18.38 \$ 83,500		
8	Energy Charge	kWh	438,744	\$ 0.02404 \$ 10,547	65,568	373,176	\$0.02404 \$ 8,971		\$ 0.02933 \$ 10,945	\$ 0.02854 \$ 12,522				\$ 0.03270 \$ 14,348		
9	Subtotal G2 kWh			\$ 94,048			\$ 78,558		\$ 80,532	\$ 96,022	\$ 1,974	22.01%	18.72%	\$ 97,848	\$ 1,826	14.59%
10	G2 QR WH /SH															
11	Customer Charge		3,089	\$9.73 \$ 30,056	516	2,573	\$9.73 \$ 25,035		\$9.73 \$ 25,035	\$9.73 \$ 30,056				\$9.73 \$ 30,056		
12	Energy Charge	kWh	4,483,579	\$ 0.03500 \$ 156,925	506,182	3,977,397	\$0.03500 \$ 139,209		\$ 0.03599 \$ 143,134	\$ 0.03588 \$ 160,850				\$ 0.03669 \$ 164,481		
13	Subtotal G2 QR WH/SH			\$ 186,981			\$ 164,244		\$ 168,169	\$ 190,906	\$ 3,925	2.82%	2.50%	\$ 194,537	\$ 3,631	2.26%
14	G2 Demand															
15	Customer Charge		126,712	\$ 29.19 \$ 3,698,724	21,250	105,462	\$29.19 \$ 3,078,438		\$ 29.19 \$ 3,078,438	\$ 29.19 \$ 3,698,724				\$29.19 \$ 3,698,724		
16	Demand Charge	kW	1,234,532	\$ 11.54 \$ 14,246,502	220,335	1,014,197	\$11.54 \$ 11,703,837		\$ 11.91 \$ 12,080,133	\$ 11.84 \$ 14,622,797				\$ 12.13 \$ 14,970,916		
17	Transformer Ownership credit	kW	36,843	\$ (0.50) \$ (18,421)	4,892	31,951	\$ (0.50) \$ (15,975)		\$ (0.50) \$ (15,975)	\$ (0.50) \$ (18,421)				\$ (0.50) \$ (18,421)		
18	Energy Charge	kWh	312,134,498	\$ - \$ -	55,110,107	257,024,391	\$ - \$ -		\$ - \$ -	\$ - \$ -				\$ - \$ -		
19	Subtotal G2 Demand			\$ 17,926,804			\$ 14,766,300		\$ 15,142,595	\$ 18,303,100	\$ 376,296	3.22%	2.64%	\$ 18,651,219	\$ 348,119	2.38%
20	Total G2			\$ 18,207,833			\$ 15,009,102		\$ 15,391,296	\$ 18,590,028	\$ 382,195	3.22%	2.65%	\$ 18,943,604	\$ 353,576	2.39%
21	G1								2.55%	2.10%				1.90%		
22	Customer Charge				270	1,345	\$162.18 \$ 218,132		\$ 162.18 \$ 218,132	\$ 162.18 \$ 261,921				\$ 162.18 \$ 261,921		
23	Secondary		1,615	\$ 86.49 \$ 140,164	66	329	\$86.49 \$ 28,455		\$ 86.49 \$ 28,455	\$ 86.49 \$ 34,164				\$ 86.49 \$ 34,164		
24	Primary		395	\$ 296,084			\$ 246,587		\$ 246,587	\$ 296,084				\$ 296,084		
25	Subtotal: Customer Charge															
26	Demand Charge	kVA	1,000,283	\$ 8.19 \$ 8,192,320	174,973	825,311	\$8.19 \$ 6,759,295		\$ 8.40 \$ 6,934,076	\$ 8.36 \$ 8,367,101				\$ 8.53 \$ 8,528,794		
27	Energy Charge	kWh	319,767,459	\$ - \$ -	56,887,570	262,879,889	\$ - \$ -		\$ - \$ -	\$ - \$ -				\$ - \$ -		
28	Transformer Ownership credit	kVA	323,647	\$ (0.50) \$ (161,824)	54,848	268,800	\$ (0.50) \$ (134,400)		\$ (0.50) \$ (134,400)	\$ (0.50) \$ (161,824)				\$ (0.50) \$ (161,824)		
29	Total G1			\$ 8,326,581			\$ 6,871,483		\$ 7,046,264	\$ 8,501,361	\$ 174,781	2.59%	2.13%	\$ 8,663,055	\$ 161,693	1.93%
30	OL								2.54%	2.10%				1.90%		
31	100W Mercury Vapor Street		13,919	\$ 13.73 \$ 191,071			\$ 13.73		\$ 13.73	\$ 13.73 \$ 191,071				\$ 13.73 \$ 191,071		
32	175W Mercury Vapor Street		793	\$ 15.73 \$ 12,481			\$ 15.73		\$ 15.73	\$ 15.73 \$ 12,481				\$ 15.73 \$ 12,481		
33	250W Mercury Vapor Street		771	\$ 17.25 \$ 13,294			\$ 17.25		\$ 17.25	\$ 17.25 \$ 13,294				\$ 17.25 \$ 13,294		
34	400W Mercury Vapor Street		1,298	\$ 17.25 \$ 22,397			\$ 17.25		\$ 17.25	\$ 17.25 \$ 22,397				\$ 17.25 \$ 22,397		
35	1000W Mercury Vapor Street		24	\$ 24.78 \$ 595			\$ 24.78		\$ 24.78	\$ 24.78 \$ 595				\$ 24.78 \$ 595		
36	250W Mercury Vapor Flood		665	\$ 18.25 \$ 12,143			\$ 18.25		\$ 18.25	\$ 18.25 \$ 12,143				\$ 18.25 \$ 12,143		
37	400W Mercury Vapor Flood		901	\$ 21.57 \$ 19,445			\$ 21.57		\$ 21.57	\$ 21.57 \$ 19,445				\$ 21.57 \$ 19,445		
38	1000W Mercury Vapor Flood		144	\$ 25.29 \$ 3,641			\$ 25.29		\$ 25.29	\$ 25.29 \$ 3,641				\$ 25.29 \$ 3,641		
39	100W Mercury Vapor Power Bracket		3,894	\$ 13.44 \$ 52,339			\$ 13.44		\$ 13.44	\$ 13.44 \$ 52,339				\$ 13.44 \$ 52,339		
40	175W Mercury Vapor Power Bracket		557	\$ 14.65 \$ 8,154			\$ 14.65		\$ 14.65	\$ 14.65 \$ 8,154				\$ 14.65 \$ 8,154		
41	50W Sodium Vapor Street		35,908	\$ 13.73 \$ 492,933			\$ 13.73		\$ 13.73	\$ 13.73 \$ 492,933				\$ 13.73 \$ 492,933		
42	100W Sodium Vapor Street		1,309	\$ 15.73 \$ 20,604			\$ 15.73		\$ 15.73	\$ 15.73 \$ 20,604				\$ 15.73 \$ 20,604		
43	150W Sodium Vapor Street		3,906	\$ 17.25 \$ 67,402			\$ 17.25		\$ 17.25	\$ 17.25 \$ 67,402				\$ 17.25 \$ 67,402		
44	250W Sodium Vapor Street		12,893	\$ 19.53 \$ 251,813			\$ 19.53		\$ 19.53	\$ 19.53 \$ 251,813				\$ 19.53 \$ 251,813		
45	400W Sodium Vapor Street		2,711	\$ 24.78 \$ 67,195			\$ 24.78		\$ 24.78	\$ 24.78 \$ 67,195				\$ 24.78 \$ 67,195		
46	1000W Sodium Vapor Street		1,606	\$ 42.51 \$ 68,250			\$ 42.51		\$ 42.51	\$ 42.51 \$ 68,250				\$ 42.51 \$ 68,250		
47	150W Sodium Vapor Flood		2,690	\$ 18.25 \$ 49,114			\$ 18.25		\$ 18.25	\$ 18.25 \$ 49,114				\$ 18.25 \$ 49,114		
48	250W Sodium Vapor Flood		3,790	\$ 21.57 \$ 81,756			\$ 21.57		\$ 21.57	\$ 21.57 \$ 81,756				\$ 21.57 \$ 81,756		
49	400W Sodium Vapor Flood		4,857	\$ 25.29 \$ 122,818			\$ 25.29		\$ 25.29	\$ 25.29 \$ 122,818				\$ 25.29 \$ 122,818		
50	1000W Sodium Vapor Flood		2,467	\$ 42.89 \$ 105,791			\$ 42.89		\$ 42.89	\$ 42.89 \$ 105,791				\$ 42.89 \$ 105,791		
51	50W Sodium Vapor Power Bracket		1,387	\$ 13.44 \$ 18,649			\$ 13.44		\$ 13.44	\$ 13.44 \$ 18,649				\$ 13.44 \$ 18,649		
52	100W Sodium Vapor Power Bracket		904	\$ 14.65 \$ 13,242			\$ 14.65		\$ 14.65	\$ 14.65 \$ 13,242				\$ 14.65 \$ 13,242		
53	175W Metal Halide Street		1	\$ 17.25 \$ 17			\$ 17.25		\$ 17.25	\$ 17.25 \$ 17				\$ 17.25 \$ 17		
54	250W Metal Halide Street		0	Discontinued						Discontinued				Discontinued		
55	400W Metal Halide Street		0	Discontinued						Discontinued				Discontinued		
56	175W Metal Halide Flood		0	Discontinued						Discontinued				Discontinued		
57	250W Metal Halide Flood		0	Discontinued						Discontinued				Discontinued		
58	400W Metal Halide Flood		0	Discontinued						Discontinued				Discontinued		
59	175W Metal Halide Power Bracket		0	Discontinued						Discontinued				Discontinued		
60	250W Metal Halide Power Bracket		0	Discontinued						Discontinued				Discontinued		
61	400W Metal Halide Power Bracket		0	Discontinued						Discontinued				Discontinued		
62	1000W Metal Halide Flood (Contracts)		535	\$ 25.29 \$ 13,516			\$ 25.29		\$ 25.29	\$ 25.29 \$ 13,516				\$ 25.29 \$ 13,516		
63	LED															
64	42W 3780 K LED Area Light Fixture		0	Discontinued						Discontinued				Discontinued		
65	57W 5130K LED Area Light Fixture		0	Discontinued						Discontinued				Discontinued		
66	25W 2500K LED Cobra Head Fixture		0	Discontinued						Discontinued				Discontinued		
67	88W 8800K LED Cobra Head Fixture		0	Discontinued						Discontinued				Discontinued		
68	108W 10800K LED Cobra Head Fixture		0	Discontinued						Discontinued				Discontinued		
69	193W 19300K LED Cobra Head Fixture		0	Discontinued						Discontinued				Discontinued		
70	123W 11070K LED Flood Light Fixture		0	Discontinued						Discontinued				Discontinued		
71	227W 20340K LED Flood Light Fixture		0	Discontinued						Discontinued				Discontinued		
72	365W 32850K LED Flood Light Fixture		0	Discontinued						Discontinued				Discontinued		
73	Company Paid LED Fixture															
74	STREETLIGHT LED 30W			\$ 13.73			\$ 13.73		\$ 13.73	\$ 13.73				\$ 13.73		
75	STREETLIGHT LED 50W			\$ 15.73			\$ 15.73		\$ 15.73	\$ 15.73				\$ 15.73		
76	STREETLIGHT LED 100W			\$ 17.25			\$ 17.25		\$ 17.25	\$ 17.25				\$ 17.25		
77	STREETLIGHT LED 120W			\$ 19.53			\$ 19.53		\$ 19.53	\$ 19.53				\$ 19.53		
78	STREETLIGHT LED 140W			\$ 24.78			\$ 24.78		\$ 24.78	\$ 24.78				\$ 24.78		
79	STREETLIGHT LED 260W			\$ 42.51			\$ 42.51		\$ 42.51	\$ 42.51				\$ 42.51		

UNITIL ENERGY SYSTEMS, INC.
2023 Step Adjustment Rate Design

Row	Description	Units	Test Year 2020 Bill Units	Permanent Rates, June 1, 2022		June & July Bill Units	August to May Bill Units	June 1 Rates	August to May Revenues	Step Adjustment, August 1, 2022		Annualized Step Adjustment, June 1, 2023 ⁽¹⁾		Step 1 Increase Allocation	10-Month Recovery Volumetric Percent Increase	12-Month Recovery Volumetric Percent Increase	Step Adjustment, June 1, 2023		Step 2 Increase Allocation	Step 2 Increase Percent Increase	
				Rate	Revenue					Rate	Revenue	Rate	Revenue				Rate	Revenue			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
80	YARDLIGHT LED 35W			\$	13.44			\$	13.44	\$	13.44	\$	13.44				\$	13.44			
81	YARDLIGHT LED 47W			\$	14.65			\$	14.65	\$	14.65	\$	14.65				\$	14.65			
82	FLOODLIGHT LED 70W			\$	18.25			\$	18.25	\$	18.25	\$	18.25				\$	18.25			
83	FLOODLIGHT LED 90W			\$	21.57			\$	21.57	\$	21.57	\$	21.57				\$	21.57			
84	FLOODLIGHT LED 110W			\$	25.29			\$	25.29	\$	25.29	\$	25.29				\$	25.29			
85	FLOODLIGHT LED 370W			\$	42.89			\$	42.89	\$	42.89	\$	42.89				\$	42.89			
86	Customer Paid LED Fixture																				
87	STREETLIGHT LED 30W			\$	9.71			\$	9.71	\$	9.71	\$	9.71				\$	9.71			
88	STREETLIGHT LED 50W			\$	11.92			\$	11.92	\$	11.92	\$	11.92				\$	11.92			
89	STREETLIGHT LED 100W			\$	12.48			\$	12.48	\$	12.48	\$	12.48				\$	12.48			
90	STREETLIGHT LED 120W			\$	14.76			\$	14.76	\$	14.76	\$	14.76				\$	14.76			
91	STREETLIGHT LED 140W			\$	17.83			\$	17.83	\$	17.83	\$	17.83				\$	17.83			
92	STREETLIGHT LED 260W			\$	33.56			\$	33.56	\$	33.56	\$	33.56				\$	33.56			
93	YARDLIGHT LED 35W			\$	7.00			\$	7.00	\$	7.00	\$	7.00				\$	7.00			
94	YARDLIGHT LED 47W			\$	8.21			\$	8.21	\$	8.21	\$	8.21				\$	8.21			
95	FLOODLIGHT LED 70W			\$	11.24			\$	11.24	\$	11.24	\$	11.24				\$	11.24			
96	FLOODLIGHT LED 90W			\$	14.56			\$	14.56	\$	14.56	\$	14.56				\$	14.56			
97	FLOODLIGHT LED 110W			\$	17.36			\$	17.36	\$	17.36	\$	17.36				\$	17.36			
98	FLOODLIGHT LED 370W			\$	27.00			\$	27.00	\$	27.00	\$	27.00				\$	27.00			
99	Special Agreement Customer Installed LED		10,671	per contracts	\$	106,541						per contracts	\$	106,541			per contracts	\$	106,541		
100	Pole Charges				\$	8,639						\$	8,639					\$	8,639		
101	Total OL				\$	1,823,840			\$	1,518,751	\$	1,518,751	\$	1,823,840				\$	1,823,840		
102	Total System				\$	63,939,006			\$	52,575,613	\$	53,879,452	\$	65,242,846	\$	1,303,839		\$	66,449,055	\$	1,206,209

Notes:
[1] June 1, 2023 Annualized Step Adjustment Rates does not incorporate the 2022 Investment Year Step Adjustment

Unitil Energy Systems, Inc.
Domestic Delivery Service
Schedule TOU-D and TOU-EV-D Rate Development, including Step Adjustment, External Delivery Charge, and Stranded Cost Charge
Effective June 1, 2023

	Summer Volumetric Rates (1) June 1 - Nov 30	Ratios to Current Rate	Ratios Applied to June 1, 2023 Rates
1 Customer Charge (TOU-EV-D):			\$ 5.26
2 Customer Charge (TOU-D):			\$ 16.22
3	5/1/22 Dist. Chg.	0.03558	6/1/23 Dist. Chg \$ 0.04612
4 Distribution Charge:			
5 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.03138	0.88	\$ 0.04068
6 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.04433	1.25	\$ 0.05746
7 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.04004	1.13	\$ 0.05190
8			
9	8/1/20 Trans Chg excl reconciliation and interest	\$ 0.03224	8/1/22 Trans Chg \$ 0.03328
10 External Delivery Charge- Transmission:			
11 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -
12 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.02070	0.64	\$ 0.02137
13 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.13961	4.33	\$ 0.14411
14 All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)
15			
16	6/1/20 and 12/1/20 DS Chg with annual RPS	\$ 0.07011	12/1/22 DS Chg. \$ 0.25925
17 Default Service Charge:			
18 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.05885	0.84	\$ 0.21761
19 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.07266	1.04	\$ 0.26868
20 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.26801	3.82	\$ 0.99104
21			
22 External Delivery Charge - non Transmission (\$/kWh)			\$ (0.00376)
23 Stranded Cost Charge (\$/kWh)			\$ 0.00002
24 System Benefits Charge (\$/kWh)			\$ 0.00700
25 Storm Recovery Adjustment Factor (\$/kWh)			\$ -
26			
27 Total kWh Charges:			
28 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.25829
29 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.34751
30 On Peak kWh (3 pm - 8 pm, M-F)			\$ 1.18705
31 All hours kWh			\$ (0.00093)
32 Total kWh Charges incl All hours Charges:			
33 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.25736
34 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.34658
35 On Peak kWh (3 pm - 8 pm, M-F)			\$ 1.18612
36 (1) Time Of Use Rates - See DE 20-170 Exhibit 24 Revised, Attachment A Illustrative Rates			

Unitil Energy Systems, Inc.
Schedule TOU-D and TOU-EV-D
Comparison of Rates and Ratios from Exh. 24 Revised Attachment A
and June 1, 2023 Rates and Ratios

	Summer Volumetric Rates		June 1, 2023 Volumetric Rates	
	Exh.24 Revised Attachment A	Ratio to Mid-Peak		Ratio to Mid-Peak
1				
2				
3				
4 Distribution Charge:				
5 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.03138	70.8%	\$ 0.04068	70.8%
6 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.04433	100.0%	\$ 0.05746	100.0%
7 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.04004	90.3%	\$ 0.05190	90.3%
8				
9				
10 External Delivery Charge- Transmission:				
11 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -	0.0%	\$ -	0.0%
12 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.02070	100.0%	\$ 0.02137	100.0%
13 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.13961	674.4%	\$ 0.14411	674.4%
14 All hours kWh - reconciliation and interest				
15				
16				
17 Default Service Charge:				
18 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.05885	81.0%	\$ 0.21761	81.0%
19 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.07266	100.0%	\$ 0.26868	100.0%
20 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.26801	368.9%	\$ 0.99104	368.9%
21				
22 Note: Small variances in ratios due to rounding.				

Unitil Energy Systems, Inc.
General Domestic Delivery Service
Schedule TOU-EV-G2 Rate Development, including Step Adjustment, External Delivery Charge, and Stranded Cost Charge
Effective June 1, 2023

	Summer Volumetric Rates (1) June 1 - Nov 30	Ratios to Current Rate	Ratios Applied to June 1, 2023 Rates
1 Customer Charge:			\$ 29.19
2 Distribution Demand Charge (half 5/1/22 rate):	\$ 5.26	6/1/23 Dist.Chg	\$ 6.07
3			
4 5/1/22 Dist. Chg. (remaining half)	\$ 0.02046	6/1/23 Dist.Chg	\$ 0.02362
5 Distribution Energy Charge:			
6 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.02033	0.99	\$ 0.02346
7 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01944	0.95	\$ 0.02244
8 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.02802	1.37	\$ 0.03234
9			
10 8/1/20 Trans Chg excl reconciliation and interest	\$ 0.03224	8/1/22 Trans Chg	\$ 0.03328
11 External Delivery Charge- Transmission:			
12 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -
13 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01579	0.49	\$ 0.01630
14 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.16990	5.27	\$ 0.17538
15 All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)
16			
17 6/1/20 and 12/1/20 DS Chg with annual RPS	\$ 0.05897	12/1/22 DS Chg.	\$ 0.25375
18 Default Service Charge:			
19 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.04919	0.83	\$ 0.21167
20 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.06216	1.05	\$ 0.26748
21 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.25774	4.37	\$ 1.10906
22			
23 External Delivery Charge - non Transmission (\$/kWh)			\$ (0.00376)
24 Stranded Cost Charge (\$/kWh)			\$ 0.00002
25 System Benefits Charge (\$/kWh)			\$ 0.00700
26 Storm Recovery Adjustment Factor (\$/kWh)			\$ -
27			
28 Total kWh Charges:			
29 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.23513
30 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.30622
31 On Peak kWh (3 pm - 8 pm, M-F)			\$ 1.31678
32 All hours kWh			\$ (0.00093)
33 Total kWh Charges incl All hours Charges:			
34 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.23420
35 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.30529
36 On Peak kWh (3 pm - 8 pm, M-F)			\$ 1.31585
37 (1) Time Of Use Rates - See DE 20-170 Exhibit 24 Revised, Attachment A Illustrative Rates			

Unitil Energy Systems, Inc.
Schedule TOU-EV-G2
Comparison of Rates and Ratios from Exh. 24 Revised Attachment A
and June 1, 2023 Rates and Ratios

	Summer Volumetric Rates		June 1, 2023	
	Exh.24 Revised Attachment A	Ratio to Mid-Peak	Volumetric Rates	Ratio to Mid-Peak
1				
2				
3				
4				
5	Distribution Energy Charge:			
6	Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.02033 104.6%	\$ 0.02346 104.5%	
7	Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01944 100.0%	\$ 0.02244 100.0%	
8	On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.02802 144.1%	\$ 0.03234 144.1%	
9				
10				
11	External Delivery Charge- Transmission:			
12	Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ - 0.0%	\$ - 0.0%	
13	Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01579 100.0%	\$ 0.01630 100.0%	
14	On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.16990 1076.0%	\$ 0.17538 1076.0%	
15	All hours kWh - reconciliation and interest			
16				
17				
18	Default Service Charge:			
19	Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.04919 79.1%	\$ 0.21167 79.1%	
20	Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.06216 100.0%	\$ 0.26748 100.0%	
21	On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.25774 414.6%	\$ 1.10906 414.6%	
22				
23	Note: Small variances in ratios due to rounding.			

Unitil Energy Systems, Inc.
General Domestic Delivery Service
Schedule TOU-EV-G1 Rate Development, including Step Adjustment, External Delivery Charge, and Stranded Cost Charge
Effective June 1, 2023

	Summer Volumetric Rates (1) June 1 - Nov 30	Ratios to Current Rate	Ratios Applied to June 1, 2023 Rates
1 Customer Charge secondary voltage:			\$ 162.18
2 Customer Charge primary voltage:			\$ 86.49
3 Distribution Demand Charge (half 5/1/22 rate):	\$ 3.80	6/1/23 Dist.Chg	\$ 4.27
4			
5 5/1/22 Dist. Chg. (remaining half)	\$ 0.01189	6/1/23 Dist.Chg	\$ 0.01334
6 Distribution Energy Charge:			
7 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.01105	0.93	\$ 0.01240
8 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01197	1.01	\$ 0.01343
9 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.01631	1.37	\$ 0.01831
10			
11 8/1/20 Trans Chg excl reconciliation and interest	\$ 0.03224	8/1/22 Trans Chg	\$ 0.03328
12 External Delivery Charge- Transmission:			
13 Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -		\$ -
14 Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01673	0.52	\$ 0.01727
15 On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.17016	5.28	\$ 0.17565
16 All hours kWh - reconciliation and interest	\$ 0.00408		\$ (0.00419)
17			
18 External Delivery Charge - non Transmission (\$/kWh)			\$ (0.00376)
19 Stranded Cost Charge (\$/kWh)			\$ 0.00002
20 System Benefits Charge (\$/kWh)			\$ 0.00700
21 Storm Recovery Adjustment Factor (\$/kWh)			\$ -
22			
23 Total kWh Charges (exclude Default Service all hours market rate):			
24 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.01240
25 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.03070
26 On Peak kWh (3 pm - 8 pm, M-F)			\$ 0.19396
27 All hours kWh			\$ (0.00093)
28 Total kWh Charges incl All hours Charges except Default Service:			
29 Off Peak kWh (8 pm - 6 am, and weekends/holidays)			\$ 0.01147
30 Mid Peak kWh (6 am -3 pm, M-F)			\$ 0.02977
31 On Peak kWh (3 pm - 8 pm, M-F)			\$ 0.19303
32 (1) Time Of Use Rates - See DE 20-170 Exhibit 24 Revised, Attachment A Illustrative Rates			

Unitil Energy Systems, Inc.
Schedule TOU-EV-G1
Comparison of Rates and Ratios from Exh. 24 Revised Attachment A
and June 1, 2023 Rates and Ratios

	Summer Volumetric Rates	Ratio to Mid-Peak	June 1, 2023 Volumetric Rates	Ratio to Mid-Peak
1	Exh.24 Revised			
2	Attachment A			
3				
4				
5				
6	Distribution Energy Charge:			
7	Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ 0.01105	92.3%	\$ 0.01240 92.3%
8	Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01197	100.0%	\$ 0.01343 100.0%
9	On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.01631	136.3%	\$ 0.01831 136.3%
10				
11				
12	External Delivery Charge- Transmission:			
13	Off Peak kWh (M-F 8 pm - 6 am, all day weekends and weekday holidays)	\$ -	0.0%	\$ - 0.0%
14	Mid Peak kWh (M-F 6 am -3 pm excluding weekday holidays)	\$ 0.01673	100.0%	\$ 0.01727 100.0%
15	On Peak kWh (M-F 3 pm - 8 pm excluding weekday holidays)	\$ 0.17016	1017.1%	\$ 0.17565 1017.1%
16				
17				
18				
19				
20				
21				
22				
23				
24	Note: Small variances in ratios due to rounding.			

10b Revised Schedule CGKS-5 (Monthly RPC)

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Unitil Energy Systems, Inc.
Decoupling
Target Distribution Revenues

Distribution Revenues	Effective August 1, 2022	Effective June 1, 2023
Test Year Distribution Revenues	\$ 58,058,225	\$ 65,242,846
Permanent Rate Increase ⁽¹⁾	5,880,781	-
Distribution Revenues	\$ 63,939,006	\$ 65,242,846
Step Adjustment Increase ⁽²⁾	1,303,839	1,206,209
Target Distribution Revenues	\$ 65,242,846	\$ 66,449,055

Less: Street lighting	Effective August 1, 2022	Effective June 1, 2023
Test Year Distribution Revenues	\$ 1,823,495	\$ 1,823,840
Rate Increase	345	-
Distribution Revenues	\$ 1,823,840	\$ 1,823,840
Step Adjustment Increase	-	-
Target Distribution Revenues	\$ 1,823,840	\$ 1,823,840

Distribution Revenues For Decoupling	Effective August 1, 2022	Effective June 1, 2023
Test Year Distribution Revenues	\$ 56,234,730	\$ 63,419,006
Rate Increase	5,880,437	-
Distribution Revenues	\$ 62,115,167	\$ 63,419,006
Step Adjustment Increase	1,303,839	1,206,209
Target Distribution Revenues	\$ 63,419,006	\$ 64,625,215

Notes:

(1) Revenue increase reflects increase of \$5,883,395 per Order No. 26,625

(2) Revenue increase reflects increase of \$1,303,839 per Order No. 26,656

Unitil Energy Systems, Inc.
Decoupling
Target Revenues by Class

Distribution Revenues ⁽¹⁾	Residential	Regular General			Large General	Lighting		
June 1, 2023	D	G2	G2 - kWh Meter	QRWH	G1	OL ⁽⁴⁾	Total	
Test Year Distribution Revenues	\$ 31,581,996	\$ 16,655,236	\$ 87,374	\$ 173,710	\$ 7,736,414	\$ 1,823,495	\$ 58,058,225	
Base Rate Increase ⁽²⁾	3,998,757	1,271,568	6,673	13,271	590,167	345	5,880,781	
Distribution Revenues	\$ 35,580,753	\$ 17,926,804	\$ 94,048	\$ 186,981	\$ 8,326,581	\$ 1,823,840	\$ 63,939,006	
Add: Step 1 Increase	746,864	376,296	1,974	3,925	174,781	-	1,303,839	
Add: Step 2 Increase	690,940	348,119	1,826	3,631	161,693	-	1,206,209	
Target Distribution Revenues ⁽³⁾	\$ 37,018,556	\$ 18,651,219	\$ 97,848	\$ 194,537	\$ 8,663,055	\$ 1,823,840	\$ 66,449,055	

Notes:

(1) Excludes Other Operating Revenues

(2) Revenue increase reflects increase of \$5,883,395 per Order No. 26,625. Difference above due to rounding

(3) Refer to Schedule CGKS-4 (Rate Design)

(4) Outdoor Lighting is excluded from Decoupling

Unitil Energy Systems, Inc.
Decoupling
Target Revenue Per Customer (Effective June 1, 2023)

Effective June 1, 2023	Residential	Regular General			Large General	Lighting	Total
Target Distribution Revenue:	D	G2	G2 - kWh Meter	QRWH	G1	OL	
Jan	\$ 3,294,888	\$ 1,538,880	\$ 8,628	\$ 26,632	\$ 703,429	\$ 153,514	\$ 5,725,971
Feb	3,089,518	1,533,175	8,484	25,372	699,501	152,720	5,508,769
Mar	3,016,061	1,545,038	8,459	23,048	704,938	152,748	5,450,291
Apr	2,789,875	1,365,754	8,161	15,489	700,523	152,723	5,032,524
May	2,712,737	1,363,863	8,008	11,893	703,483	152,038	4,952,022
Jun	3,097,491	1,594,874	8,011	10,441	747,308	152,547	5,610,673
Jul	3,575,741	1,694,921	8,047	13,149	766,647	152,541	6,211,046
Aug	3,774,829	1,743,417	8,060	14,974	779,915	152,485	6,473,679
Sep	3,200,891	1,689,613	8,037	12,842	750,885	151,956	5,814,223
Oct	2,583,113	1,595,914	7,882	9,028	719,651	150,741	5,066,329
Nov	2,710,264	1,502,354	7,917	12,535	699,856	150,293	5,083,219
Dec	3,173,149	1,483,417	8,156	19,133	686,920	149,533	5,520,307
Total	\$ 37,018,556	\$ 18,651,219	\$ 97,848	\$ 194,537	\$ 8,663,055	\$ 1,823,840	\$ 66,449,055

Effective June 1, 2023	Residential	Regular General			Large General	Lighting	Total
Test Year Bills	D	G2	G2 - kWh Meter	QRWH	G1	OL	
Jan	67,012	10,479	382	262	166	1,553	79,854
Feb	66,947	10,469	382	260	166	1,557	79,781
Mar	67,134	10,470	383	260	167	1,555	79,969
Apr	67,032	10,472	380	258	167	1,552	79,861
May	68,175	10,506	379	256	168	1,551	81,035
Jun	68,499	10,629	378	258	168	1,550	81,482
Jul	68,707	10,621	379	258	168	1,549	81,682
Aug	68,629	10,663	377	256	169	1,548	81,642
Sep	69,456	10,707	377	257	168	1,546	82,511
Oct	68,246	10,628	379	257	168	1,546	81,224
Nov	67,875	10,548	375	255	168	1,543	80,764
Dec	67,567	10,520	372	252	167	1,542	80,420
Total	815,280	126,712	4,543	3,089	2,010	18,592	970,226

Effective June 1, 2023	Residential	Regular General			Large General
Monthly Revenue Per Custor	D	G2	G2 - kWh Meter	QRWH	G1
Jan	\$ 49.17	\$ 146.85	\$ 22.59	\$ 101.65	\$ 4,237.53
Feb	\$ 46.15	\$ 146.45	\$ 22.21	\$ 97.58	\$ 4,213.86
Mar	\$ 44.93	\$ 147.57	\$ 22.09	\$ 88.65	\$ 4,221.19
Apr	\$ 41.62	\$ 130.42	\$ 21.48	\$ 60.04	\$ 4,194.75
May	\$ 39.79	\$ 129.82	\$ 21.13	\$ 46.46	\$ 4,187.40
Jun	\$ 45.22	\$ 150.05	\$ 21.19	\$ 40.47	\$ 4,448.26
Jul	\$ 52.04	\$ 159.58	\$ 21.23	\$ 50.96	\$ 4,563.37
Aug	\$ 55.00	\$ 163.50	\$ 21.38	\$ 58.49	\$ 4,614.88
Sep	\$ 46.09	\$ 157.81	\$ 21.32	\$ 49.97	\$ 4,469.55
Oct	\$ 37.85	\$ 150.16	\$ 20.80	\$ 35.13	\$ 4,283.64
Nov	\$ 39.93	\$ 142.42	\$ 21.11	\$ 49.16	\$ 4,165.81
Dec	\$ 46.96	\$ 141.01	\$ 21.92	\$ 75.93	\$ 4,113.29

Unitil Energy Systems, Inc.
Monthly Revenue at June 1, 2023 Rates

Line No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	Residential - D													
2	Test Year Consumers	67,012	66,947	67,134	67,032	68,175	68,499	68,707	68,629	69,456	68,246	67,875	67,567	815,280
3	Test Year kWh	47,877,662	43,447,320	41,788,394	36,919,734	34,845,155	43,074,211	53,371,480	57,715,834	44,979,721	32,009,393	34,896,989	45,042,699	515,968,592
4														
5	June 1, 2023 Rates													
6	Customer Charge	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	\$16.22	
7	Energy Charge	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	\$0.04612	
8														
9	Revenue													
10	Customer Charge	\$1,086,932	\$1,085,874	\$1,088,921	\$1,087,262	\$1,105,797	\$1,111,055	\$1,114,429	\$1,113,170	\$1,126,579	\$1,106,948	\$1,100,934	\$1,095,932	\$13,223,834
11	Energy Charge	\$2,207,956	\$2,003,643	\$1,927,139	\$1,702,613	\$1,606,940	\$1,986,437	\$2,461,312	\$2,661,659	\$2,074,312	\$1,476,165	\$1,609,331	\$2,077,217	\$23,794,723
12	Total Revenue	<u>\$3,294,888</u>	<u>\$3,089,518</u>	<u>\$3,016,061</u>	<u>\$2,789,875</u>	<u>\$2,712,737</u>	<u>\$3,097,491</u>	<u>\$3,575,741</u>	<u>\$3,774,829</u>	<u>\$3,200,891</u>	<u>\$2,583,113</u>	<u>\$2,710,264</u>	<u>\$3,173,149</u>	<u>\$37,018,556</u>
13														
14														
15	Small General Service - G2 kWh													
16	Test Year Consumers	382	382	383	380	379	378	379	377	377	379	375	372	4,543
17	Test Year kWh	49,142	44,733	43,401	35,971	31,861	32,502	33,066	34,562	33,864	28,015	31,317	40,310	438,744
18														
19	June 1, 2023 Rates													
20	Customer Charge	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	\$18.38	
21	Energy Charge	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	\$0.03270	
22														
23	Revenue													
24	Customer Charge	\$7,021	\$7,021	\$7,040	\$6,984	\$6,966	\$6,948	\$6,966	\$6,929	\$6,929	\$6,966	\$6,893	\$6,837	\$83,500
25	Energy Charge	\$1,607	\$1,463	\$1,419	\$1,176	\$1,042	\$1,063	\$1,081	\$1,130	\$1,107	\$916	\$1,024	\$1,318	\$14,348
26	Total Revenue	<u>\$8,628</u>	<u>\$8,484</u>	<u>\$8,459</u>	<u>\$8,161</u>	<u>\$8,008</u>	<u>\$8,011</u>	<u>\$8,047</u>	<u>\$8,060</u>	<u>\$8,037</u>	<u>\$7,882</u>	<u>\$7,917</u>	<u>\$8,156</u>	<u>\$97,848</u>
27														
28														
29	Small General Service - G2 QR WH /SH													
30	Test Year Consumers	262	260	260	258	256	258	258	256	257	257	255	252	3,089
31	Test Year kWh	656,472	622,649	559,298	353,793	256,299	216,185	289,997	340,290	281,883	177,928	274,066	454,719	4,483,579
32														
33	June 1, 2023 Rates													
34	Customer Charge	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	\$9.73	
35	Energy Charge	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	\$0.03669	
36														
37	Revenue													
38	Customer Charge	\$2,549	\$2,530	\$2,530	\$2,510	\$2,491	\$2,510	\$2,510	\$2,491	\$2,501	\$2,501	\$2,481	\$2,452	\$30,056
39	Energy Charge	\$24,083	\$22,842	\$20,518	\$12,979	\$9,402	\$7,931	\$10,639	\$12,484	\$10,341	\$6,527	\$10,054	\$16,681	164,481
40	Total Revenue	<u>\$26,632</u>	<u>\$25,372</u>	<u>\$23,048</u>	<u>\$15,489</u>	<u>\$11,893</u>	<u>\$10,441</u>	<u>\$13,149</u>	<u>\$14,974</u>	<u>\$12,842</u>	<u>\$9,028</u>	<u>\$12,535</u>	<u>\$19,133</u>	<u>\$194,537</u>
41														

Unitil Energy Systems, Inc.
Monthly Revenue at June 1, 2023 Rates

Line No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
42														
43	Small General Service - G2 Demand													
44	Test Year Consumers	10,479	10,469	10,470	10,472	10,506	10,629	10,621	10,663	10,707	10,628	10,548	10,520	126,712
45	Test Year kW	101,780	101,342	102,389	87,511	87,319	106,029	114,306	118,215	113,730	106,201	98,603	97,109	1,234,532
46	Test Year kWh	29,121,178	28,684,028	28,061,068	21,033,411	20,197,196	25,493,967	29,616,140	30,665,177	28,590,103	22,317,914	22,648,750	25,705,566	312,134,498
47														
48	June 1, 2023 Rates													
49	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	
50	Demand Charge	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	\$12.13	
51	Energy Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
52														
53	Revenue													
54	Customer Charge	\$305,882	\$305,590	\$305,617	\$305,678	\$306,670	\$310,261	\$310,025	\$311,248	\$312,535	\$310,231	\$307,908	\$307,079	\$3,698,724
55	Demand Charge	\$1,234,266	\$1,228,951	\$1,241,648	\$1,061,224	\$1,058,903	\$1,285,786	\$1,386,170	\$1,433,564	\$1,379,178	\$1,287,873	\$1,195,733	\$1,177,621	\$14,970,916
56	Energy Charge	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
57	Total Revenue	<u>\$1,540,148</u>	<u>\$1,534,541</u>	<u>\$1,547,264</u>	<u>\$1,366,902</u>	<u>\$1,365,573</u>	<u>\$1,596,046</u>	<u>\$1,696,195</u>	<u>\$1,744,812</u>	<u>\$1,691,713</u>	<u>\$1,598,104</u>	<u>\$1,503,642</u>	<u>\$1,484,700</u>	<u>\$18,669,640</u>
58														
59														
60	Large General Service - G1													
61	Test Year Consumers - Secondary	133	133	134	134	135	135	135	136	135	135	135	135	1,615
62	Test Year Consumers - Primary	33	33	33	33	33	33	33	33	33	33	33	32	395
63	Test Year kVA	81,206	80,761	81,372	80,864	81,179	86,341	88,631	90,184	86,802	83,069	80,708	79,165	1,000,283
64	Test Year kWh	27,162,976	27,360,368	27,375,056	23,199,379	23,230,381	27,500,834	29,386,736	29,935,971	29,722,799	24,642,676	24,432,498	25,817,785	319,767,459
65														
66	June 1, 2023 Rates													
67	Customer Charge - Secondary	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	\$162.18	
68	Customer Charge - Primary	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	
69	Demand Charge	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	\$8.53	
70	Energy Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
71														
72	Revenue													
73	Customer Charges	\$24,424	\$24,424	\$24,586	\$24,586	\$24,748	\$24,748	\$24,748	\$24,911	\$24,748	\$24,748	\$24,748	\$24,662	\$296,084
74	Demand Charge	\$692,394	\$688,598	\$693,810	\$689,480	\$692,162	\$736,179	\$755,702	\$768,945	\$740,108	\$708,281	\$688,144	\$674,990	\$8,528,794
75	Energy Charge	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
76	Total Revenue	<u>\$716,818</u>	<u>\$713,022</u>	<u>\$718,396</u>	<u>\$714,066</u>	<u>\$716,910</u>	<u>\$760,928</u>	<u>\$780,451</u>	<u>\$793,856</u>	<u>\$764,856</u>	<u>\$733,030</u>	<u>\$712,893</u>	<u>\$699,652</u>	<u>\$8,824,878</u>
77														

Unitil Energy Systems, Inc.
Monthly Revenue at June 1, 2023 Rates

No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
78														
79	Transformer Ownership													
80	G1-kVA													
81	Test Year kVA	26,778	27,043	26,917	27,086	26,855	27,239	27,609	27,883	27,943	26,757	26,075	25,464	323,647
82														
83	June 1, 2023 Rates													
84	Credit	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	
85														
86	Revenue													
87	Tranf Ownership Credit	(\$13,389)	(\$13,522)	(\$13,458)	(\$13,543)	(\$13,427)	(\$13,620)	(\$13,804)	(\$13,941)	(\$13,971)	(\$13,378)	(\$13,037)	(\$12,732)	(\$161,824)
88	Total Ownership Credi	(\$13,389)	(\$13,522)	(\$13,458)	(\$13,543)	(\$13,427)	(\$13,620)	(\$13,804)	(\$13,941)	(\$13,971)	(\$13,378)	(\$13,037)	(\$12,732)	(\$161,824)
89														
90														
91	Transformer Ownership													
92	G2-kW													
93	Test Year kW	2,536	2,733	4,452	2,297	3,421	2,344	2,548	2,792	4,200	4,380	2,575	2,565	36,843
94														
95	June 1, 2023 Rates													
96	Credit	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	(\$0.50)	
97														
98	Revenue													
99	Tranf Ownership Credit	(\$1,268)	(\$1,366)	(\$2,226)	(\$1,148)	(\$1,711)	(\$1,172)	(\$1,274)	(\$1,396)	(\$2,100)	(\$2,190)	(\$1,288)	(\$1,283)	(\$18,421)
100	Total Ownership Credi	(\$1,268)	(\$1,366)	(\$2,226)	(\$1,148)	(\$1,711)	(\$1,172)	(\$1,274)	(\$1,396)	(\$2,100)	(\$2,190)	(\$1,288)	(\$1,283)	(\$18,421)
101														
102														
103	Summary													
104			# Custs	Test Year										
105	Residential - D			kW	kVA	kWh	Calculated Rev.							
106	Small General Service - G2 kWh		815,280			515,968,592	\$37,018,556							
107	Small General Service - G2 QR WH /SH		4,543			438,744	\$97,848							
108	Small General Service - G2 Demand		3,089			4,483,579	\$194,537							
109	Large General Service - G1		126,712	1,234,532		312,134,498	\$18,669,640							
110	Transformer Ownership		1,615		1,000,283	319,767,459	\$8,824,878							
111	Street Lighting	Luminaires		36,843	323,647		(\$180,245)							
112	Total		108,600			7,625,729	\$1,823,840							
			1,059,839	1,271,375	1,323,931	1,160,418,601	\$66,449,055							

UES
June 1, 2023 Rates

	<u>Class</u>	<u>Distribution Charge</u>
1	D	Customer Charge
2		
3		All kWh
4		
5	G2	Customer Charge
6		
7		All kW
8		
9		All kWh
10		
11	G2 - kWh meter	Customer Charge
12		
13		All kWh
14		
15	G2 - Quick Recovery Water	Customer Charge
16	Heat and/or Space Heat	
17		All kWh
18		
19	G1	Customer Charge Secondary
20		Customer Charge Primary
21		
22		All kVA
23		
24		All kWh

Unitil Energy Systems, Inc.
Typical Bill Impacts as a Result of Proposed Rates
Impact on D Rate Customers

Range Monthly kWh	Percentage Bills	Average kWh	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
0-100	7.6%	38	\$28.85	\$28.89	\$0.04	0.1%
101-200	8.2%	154	\$67.94	\$68.10	\$0.16	0.2%
201-300	10.4%	252	\$101.02	\$101.27	\$0.25	0.3%
301-400	11.2%	351	\$134.31	\$134.67	\$0.35	0.3%
401-500	10.8%	450	\$167.75	\$168.20	\$0.45	0.3%
501-750	21.6%	617	\$223.83	\$224.46	\$0.62	0.3%
750-1,000	13.0%	864	\$307.14	\$308.01	\$0.87	0.3%
1,000-1,500	11.2%	1,201	\$420.65	\$421.86	\$1.21	0.3%
1,501-2,000	3.6%	1,707	\$591.13	\$592.85	\$1.72	0.3%
2,001-3,500	2.0%	2,447	\$840.23	\$842.70	\$2.47	0.3%
3,501-5,000	0.2%	4,021	\$1,370.29	\$1,374.36	\$4.06	0.3%
5,000+	0.0%	6,632	\$2,249.34	\$2,256.03	\$6.70	0.3%
600 kWh bill		600	\$218.25	\$218.85	\$0.61	0.3%

Unitil Energy Systems, Inc.
Rates - Effective 2/1/2023:

Customer Charge	\$16.22
	<u>All kWh</u>
Distribution Charge	\$0.04511
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25925</u>
TOTAL	\$0.33671

Unitil Energy Systems, Inc.
Rates - Effective 6/1/2023:

Customer Charge	\$16.22
	<u>All kWh</u>
Distribution Charge	<u>\$0.04612</u>
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25925</u>
TOTAL	\$0.33772

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates Impact on G2 Rate Customers								
Average Load Factor	kW Range	Percentage Bills	Average Monthly kW	Average Monthly kWh	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
17%	0-1.0	26.9%	1.0	125	\$76.65	\$76.87	\$0.22	0.3%
28%	1.1-2	10.6%	1.5	308	\$135.11	\$135.44	\$0.33	0.2%
24%	2.1-3	7.4%	2.5	438	\$184.51	\$185.06	\$0.56	0.3%
24%	3.1-4	6.5%	3.5	625	\$250.23	\$251.01	\$0.78	0.3%
25%	4.1-5	5.9%	4.5	821	\$318.31	\$319.31	\$1.00	0.3%
24%	5.1-6	5.4%	5.5	965	\$371.13	\$372.35	\$1.22	0.3%
24%	6.1-7	4.2%	6.5	1,141	\$433.39	\$434.82	\$1.44	0.3%
25%	7.1-8	3.6%	7.5	1,351	\$505.46	\$507.12	\$1.66	0.3%
26%	8.1-9	3.0%	8.5	1,622	\$594.95	\$596.83	\$1.88	0.3%
27%	9.1-10	2.6%	9.5	1,872	\$678.42	\$680.52	\$2.10	0.3%
28%	10.1-12	4.2%	11.0	2,219	\$794.96	\$797.37	\$2.42	0.3%
29%	12.1-14	2.9%	13.0	2,800	\$985.11	\$987.97	\$2.86	0.3%
31%	14.1-16	2.4%	15.0	3,390	\$1,177.75	\$1,181.06	\$3.30	0.3%
33%	16.1-18	1.8%	17.0	4,048	\$1,390.04	\$1,393.78	\$3.74	0.3%
33%	18.1-20	1.4%	19.0	4,598	\$1,571.09	\$1,575.27	\$4.18	0.3%
34%	20.1-22.5	1.4%	21.3	5,309	\$1,801.37	\$1,806.05	\$4.68	0.3%
35%	22.6-25	1.2%	23.7	6,017	\$2,033.03	\$2,038.25	\$5.22	0.3%
37%	25.1-30	1.6%	27.4	7,335	\$2,454.37	\$2,460.40	\$6.03	0.2%
40%	30.1-35	1.1%	32.5	9,376	\$3,098.37	\$3,105.51	\$7.14	0.2%
40%	35.1-40	0.9%	37.5	11,085	\$3,647.58	\$3,655.83	\$8.26	0.2%
40%	40.1-45	0.7%	42.5	12,531	\$4,120.33	\$4,129.68	\$9.35	0.2%
43%	45.1-50	0.6%	47.5	14,838	\$4,840.03	\$4,850.48	\$10.45	0.2%
42%	50.1-60	0.9%	54.8	16,705	\$5,460.89	\$5,472.94	\$12.05	0.2%
43%	60.1-70	0.7%	64.8	20,391	\$6,635.01	\$6,649.27	\$14.26	0.2%
44%	70.1-80	0.5%	75.2	24,069	\$7,810.98	\$7,827.53	\$16.55	0.2%
44%	80.1-90	0.4%	84.7	27,000	\$8,762.72	\$8,781.35	\$18.63	0.2%
41%	90.1-100	0.3%	94.4	28,369	\$9,269.89	\$9,290.66	\$20.77	0.2%
45%	100.1-120	0.4%	109.2	35,732	\$11,553.19	\$11,577.23	\$24.03	0.2%
45%	120.1-140	0.2%	129.0	42,752	\$13,797.02	\$13,825.40	\$28.38	0.2%
43%	140.1-160	0.1%	149.1	46,963	\$15,240.89	\$15,273.68	\$32.80	0.2%
40%	160.1-200	0.1%	175.7	51,679	\$16,906.75	\$16,945.40	\$38.65	0.2%
26%	200.1+	0.0%	348.8	66,522	\$23,214.77	\$23,291.50	\$76.73	0.3%
Unitil Energy Systems, Inc. Rates - Effective 2/1/2023:					Unitil Energy Systems, Inc. Rates - Effective 6/1/2023:			
Customer Charge			\$29.19		Customer Charge			\$29.19
			<u>All kW</u>					<u>All kW</u>
Distribution Charge			\$11.91		Distribution Charge			\$12.13
Stranded Cost Charge			\$0.00		Stranded Cost Charge			\$0.00
TOTAL			\$11.91		TOTAL			\$12.13
			<u>kWh</u>					<u>kWh</u>
Distribution Charge			\$0.00000		Distribution Charge			\$0.00000
External Delivery Charge			\$0.02533		External Delivery Charge			\$0.02533
Stranded Cost Charge			\$0.00002		Stranded Cost Charge			\$0.00002
System Benefits Charge			\$0.00700		System Benefits Charge			\$0.00700
Storm Recovery Adjustment Factor			\$0.00000		Storm Recovery Adjustment Factor			\$0.00000
Fixed Default Service Charge			\$0.25375		Fixed Default Service Charge			\$0.25375
TOTAL			\$0.28610		TOTAL			\$0.28610

Unitil Energy Systems, Inc.
Typical Bill Impacts as a Result of Proposed Rates
Impact on G2 - kWh meter Rate Customers

Range Monthly kWh	Percentage Bills	Average Monthly kWh	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
0-50	58.8%	18	\$24.12	\$24.18	\$0.06	0.3%
51-100	16.6%	71	\$40.79	\$41.03	\$0.24	0.6%
101-200	13.3%	146	\$64.46	\$64.95	\$0.49	0.8%
201-300	4.8%	243	\$94.89	\$95.71	\$0.82	0.9%
301-400	2.3%	346	\$127.56	\$128.72	\$1.17	0.9%
401-500	1.3%	452	\$160.98	\$162.50	\$1.52	0.9%
501-600	1.1%	543	\$189.65	\$191.48	\$1.83	1.0%
601-700	0.6%	639	\$219.88	\$222.03	\$2.15	1.0%
701-800	0.3%	742	\$252.38	\$254.88	\$2.50	1.0%
801-1,000	0.3%	890	\$298.97	\$301.96	\$3.00	1.0%
1,000+	0.7%	2,084	\$675.69	\$682.71	\$7.02	1.0%

Unitil Energy Systems, Inc.
Rates - Effective 2/1/2023:

Customer Charge	\$18.38
	<u>All kWh</u>
Distribution Charge	\$0.02933
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25375</u>
TOTAL	\$0.31543

Unitil Energy Systems, Inc.
Rates - Effective 6/1/2023:

Customer Charge	\$18.38
	<u>All kWh</u>
Distribution Charge	<u>\$0.03270</u>
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25375</u>
TOTAL	\$0.31880

Unitil Energy Systems, Inc.
Typical Bill Impacts as a Result of Proposed Rates
Impact on G2 - QRWH and SH Rate Customers

Range Monthly kWh	Percentage Bills	Average kWh	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
0-250	41.9%	79	\$35.22	\$35.28	\$0.06	0.2%
251-500	13.0%	365	\$127.40	\$127.66	\$0.26	0.2%
501-750	8.0%	624	\$210.78	\$211.22	\$0.44	0.2%
751-1,000	5.5%	869	\$289.47	\$290.07	\$0.61	0.2%
1,001-2,000	12.5%	1,415	\$465.56	\$466.55	\$0.99	0.2%
2,001-3,000	7.1%	2,448	\$798.15	\$799.86	\$1.71	0.2%
3,001-4,000	3.5%	3,453	\$1,121.82	\$1,124.24	\$2.42	0.2%
4,001-5,000	2.3%	4,506	\$1,461.12	\$1,464.28	\$3.15	0.2%
5,001-6,000	1.0%	5,516	\$1,786.24	\$1,790.10	\$3.86	0.2%
6,001-7,000	0.9%	6,474	\$2,095.07	\$2,099.60	\$4.53	0.2%
7,001-8,000	0.9%	7,429	\$2,402.60	\$2,407.80	\$5.20	0.2%
8,001-9,000	0.4%	8,471	\$2,738.02	\$2,743.95	\$5.93	0.2%
9,001-10,000	0.5%	9,612	\$3,105.72	\$3,112.45	\$6.73	0.2%
10,001+	2.6%	18,764	\$6,053.42	\$6,066.55	\$13.13	0.2%

Unitil Energy Systems, Inc.
Rates - Effective 2/1/2023:

Customer Charge	\$9.73
	<u>All kWh</u>
Distribution Charge	\$0.03599
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25375</u>
TOTAL	\$0.32209

Unitil Energy Systems, Inc.
Rates - Effective 6/1/2023:

Customer Charge	\$9.73
	<u>All kWh</u>
Distribution Charge	<u>\$0.03669</u>
External Delivery Charge	\$0.02533
Stranded Cost Charge	\$0.00002
System Benefits Charge	\$0.00700
Storm Recovery Adjustment Factor	\$0.00000
Fixed Default Service Charge	<u>\$0.25375</u>
TOTAL	\$0.32279

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates Impact on G1 Rate Customers									
Customer	Load Factor	Average Monthly kVA	Average kWh	Voltage Discount Tier	Transformer Ownership Credit	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total
1	32.0%	291	67,950		Yes	\$13,461.64	\$13,499.47	\$37.83	0.3%
2	40.1%	158	46,305	1	Yes	\$8,659.02	\$8,679.20	\$20.18	0.2%
3	20.3%	489	72,292		Yes	\$15,726.34	\$15,789.87	\$63.53	0.4%
4	15.5%	567	64,125			\$15,303.38	\$15,377.04	\$73.67	0.5%
5	16.8%	193	23,717		Yes	\$5,528.08	\$5,553.20	\$25.12	0.5%
6	33.2%	288	69,841	1	Yes	\$13,395.51	\$13,432.18	\$36.67	0.3%
7	40.1%	290	84,900			\$16,340.75	\$16,378.42	\$37.67	0.2%
8	24.8%	316	57,185			\$12,078.39	\$12,119.53	\$41.14	0.3%
9	49.2%	186	66,885	1	Yes	\$12,138.28	\$12,161.98	\$23.70	0.2%
10	29.4%	673	144,575	1	Yes	\$28,236.31	\$28,322.09	\$85.78	0.3%
11	57.5%	450	189,070			\$34,551.14	\$34,609.65	\$58.51	0.2%
12	44.0%	322	103,375			\$19,602.43	\$19,644.29	\$41.86	0.2%
13	36.9%	451	121,500			\$23,621.20	\$23,679.84	\$58.65	0.2%
14	52.9%	318	123,050			\$22,757.16	\$22,798.55	\$41.39	0.2%
15	42.0%	291	89,400			\$17,082.91	\$17,120.79	\$37.88	0.2%
16	23.2%	459	77,850			\$16,618.40	\$16,678.03	\$59.63	0.4%
17	53.7%	716	280,803	1	Yes	\$50,181.08	\$50,272.32	\$91.24	0.2%
18	70.0%	538	275,100			\$49,218.72	\$49,288.68	\$69.96	0.1%
19	66.9%	1,432	699,283	2	Yes	\$120,251.68	\$120,431.39	\$179.70	0.1%
20	26.6%	640	124,101	1	Yes	\$24,730.28	\$24,811.82	\$81.54	0.3%
21	50.9%	254	94,302	1	Yes	\$17,013.22	\$17,045.57	\$32.34	0.2%
22	21.6%	228	35,933	1	Yes	\$7,554.57	\$7,583.65	\$29.08	0.4%
23	55.0%	495	198,707			\$36,488.10	\$36,552.44	\$64.34	0.2%
24	57.4%	420	175,773			\$32,143.39	\$32,197.95	\$54.56	0.2%
25	35.7%	293	76,309	1	Yes	\$14,460.64	\$14,497.95	\$37.31	0.3%
26	62.3%	558	254,016	2	Yes	\$44,025.69	\$44,095.72	\$70.03	0.2%
27	49.8%	692	251,233		Yes	\$46,298.77	\$46,388.70	\$89.92	0.2%
28	34.1%	379	94,439	1	Yes	\$18,007.07	\$18,055.41	\$48.34	0.3%
29	14.6%	274	29,187		Yes	\$7,054.38	\$7,090.04	\$35.66	0.5%
30	42.8%	179	55,967			\$10,728.04	\$10,751.34	\$23.30	0.2%
31	21.9%	468	74,603	1	Yes	\$15,542.50	\$15,602.07	\$59.57	0.4%
32	25.4%	392	72,567			\$15,202.52	\$15,253.47	\$50.96	0.3%
33	37.9%	218	60,330			\$11,758.59	\$11,786.91	\$28.32	0.2%
34	54.1%	2,781	1,099,095	2	Yes	\$192,988.69	\$193,337.50	\$348.82	0.2%
35	45.5%	277	91,980			\$17,377.38	\$17,413.36	\$35.98	0.2%
36	58.4%	561	238,900			\$43,545.90	\$43,618.77	\$72.87	0.2%
37	57.5%	429	180,133	2	Yes	\$31,500.64	\$31,554.50	\$53.86	0.2%
38	36.9%	342	92,233			\$17,968.59	\$18,013.08	\$44.49	0.2%
39	22.2%	382	62,000		Yes	\$13,216.11	\$13,265.75	\$49.64	0.4%
40	32.6%	227	53,960			\$10,800.78	\$10,830.24	\$29.45	0.3%
41	69.3%	2,259	1,143,565	2	Yes	\$195,961.05	\$196,244.45	\$283.41	0.1%
42	61.5%	1,286	577,482	2	Yes	\$100,106.48	\$100,267.80	\$161.32	0.2%
43	62.8%	2,917	1,336,786	2		\$232,571.44	\$232,937.40	\$365.97	0.2%
44	36.1%	498	131,232	1	Yes	\$24,762.33	\$24,826.39	\$64.06	0.3%
45	25.4%	431	79,983			\$16,730.24	\$16,786.26	\$56.02	0.3%
46	53.6%	1,072	419,655	2	Yes	\$73,817.93	\$73,952.40	\$134.47	0.2%
47	65.3%	644	307,000			\$55,269.91	\$55,353.60	\$83.69	0.2%
48	51.5%	159	59,867			\$11,191.20	\$11,211.90	\$20.69	0.2%
49	25.0%	133	24,333			\$5,220.94	\$5,238.27	\$17.32	0.3%
50	22.6%	246	40,675			\$8,816.12	\$8,848.14	\$32.02	0.4%
51	22.0%	397	63,750			\$13,813.27	\$13,864.81	\$51.55	0.4%
52	16.5%	372	44,875			\$10,549.69	\$10,598.02	\$48.33	0.5%
53	57.7%	762	320,917			\$58,517.44	\$58,616.52	\$99.08	0.2%
54	40.5%	183	54,200			\$10,476.06	\$10,499.88	\$23.82	0.2%
55	53.2%	695	270,150			\$49,737.00	\$49,827.39	\$90.38	0.2%
56	48.6%	199	70,833			\$13,269.45	\$13,295.33	\$25.88	0.2%

Unitil Energy Systems, Inc. Rates - Effective 2/1/2023:				Unitil Energy Systems, Inc. Rates - Effective 6/1/2023:			
Customer Charge - Secondary		\$162.18		Customer Charge - Secondary		\$162.18	
Customer Charge - Primary		\$86.49		Customer Charge - Primary		\$86.49	
		All kVA				All kVA	
Distribution Charge		\$8.40		Distribution Charge		\$8.53	
Stranded Cost Charge		\$0.00		Stranded Cost Charge		\$0.00	
TOTAL		\$8.40		TOTAL		\$8.53	
		All kWh				All kWh	
Distribution Charge		\$0.00000		Distribution Charge		\$0.00000	
External Delivery Charge		\$0.02533		External Delivery Charge		\$0.02533	
Stranded Cost Charge		\$0.00002		Stranded Cost Charge		\$0.00002	
System Benefits Charge		\$0.00700		System Benefits Charge		\$0.00700	
Storm Recovery Adjustment Factor		\$0.00000		Storm Recovery Adjustment Factor		\$0.00000	
February 2023 Default Service Charge		\$0.12954		February 2023 Default Service Charge		\$0.12954	
TOTAL		\$0.16189		TOTAL		\$0.16189	
High Voltage Discount 1 for 4-13.8 kV		2.0%		High Voltage Discount 1 for 4-13.8 kV		2.0%	
High Voltage Discount 2 for 34.5 kV		3.5%		High Voltage Discount 2 for 34.5 kV		3.5%	
Transformer Ownership Credit \$/kVA		\$0.50		Transformer Ownership Credit \$/kVA		\$0.50	

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates Impact on G1 Rate Customers									
Customer	Load Factor	Average Monthly kVA	Average kWh	Voltage Discount Tier	Transformer Ownership Credit	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
57	48.2%	243	85,567			\$16,056.89	\$16,088.50	\$31.61	0.2%
58	51.0%	315	117,293			\$21,798.69	\$21,839.67	\$40.98	0.2%
59	33.1%	333	80,643			\$16,017.74	\$16,061.08	\$43.34	0.3%
60	31.4%	389	89,200			\$17,873.31	\$17,923.92	\$50.62	0.3%
61	45.3%	325	107,333			\$20,266.48	\$20,308.70	\$42.22	0.2%
62	23.2%	1,393	236,250		Yes	\$49,409.44	\$49,590.47	\$181.03	0.4%
63	21.5%	482	75,480			\$16,428.48	\$16,491.11	\$62.63	0.4%
64	41.2%	297	89,533			\$17,154.61	\$17,193.27	\$38.66	0.2%
65	47.8%	259	90,500			\$16,990.37	\$17,024.06	\$33.69	0.2%
66	41.3%	154	46,583			\$9,000.31	\$9,020.37	\$20.07	0.2%
67	7.5%	373	20,342			\$6,586.32	\$6,634.78	\$48.46	0.7%
68	44.8%	355	115,887			\$21,901.71	\$21,947.81	\$46.10	0.2%
69	55.8%	520	211,000			\$38,685.33	\$38,752.87	\$67.54	0.2%
70	32.0%	372	86,900			\$17,356.69	\$17,405.07	\$48.38	0.3%
71	51.4%	280	105,200			\$19,548.44	\$19,584.89	\$36.45	0.2%
72	48.5%	465	164,567			\$30,710.65	\$30,771.11	\$60.46	0.2%
73	54.1%	409	161,410			\$29,726.55	\$29,779.70	\$53.14	0.2%
74	38.3%	166	46,470			\$9,082.27	\$9,103.89	\$21.62	0.2%
75	76.1%	476	264,430			\$46,971.67	\$47,033.59	\$61.92	0.1%
76	55.2%	354	142,383			\$26,182.02	\$26,227.97	\$45.96	0.2%
77	49.6%	252	91,333			\$17,068.71	\$17,101.53	\$32.82	0.2%
78	33.0%	212	51,093			\$10,214.41	\$10,241.97	\$27.56	0.3%
79	51.3%	328	122,880			\$22,811.40	\$22,854.06	\$42.66	0.2%
80	58.8%	678	291,100			\$52,985.52	\$53,073.69	\$88.17	0.2%
81	12.5%	681	62,090			\$15,932.48	\$16,020.98	\$88.50	0.6%
82	33.0%	192	46,390			\$9,289.05	\$9,314.07	\$25.02	0.3%
83	52.5%	249	95,583			\$17,729.87	\$17,762.27	\$32.40	0.2%
84	12.6%	838	76,750			\$19,622.52	\$19,731.40	\$108.88	0.6%
85	61.7%	257	115,933			\$21,092.79	\$21,126.25	\$33.46	0.2%
86	17.5%	633	80,900			\$18,577.82	\$18,660.13	\$82.31	0.4%
87	4.7%	180	6,192	2		\$2,509.68	\$2,532.21	\$22.53	0.9%
88	21.1%	241	37,150			\$8,201.14	\$8,232.48	\$31.34	0.4%
89	60.6%	489	216,067			\$39,244.82	\$39,308.33	\$63.51	0.2%
90	56.2%	1,044	428,000			\$78,217.34	\$78,353.01	\$135.67	0.2%
91	26.8%	360	70,500			\$14,599.43	\$14,646.23	\$46.80	0.3%
92	17.5%	321	41,007			\$9,500.79	\$9,542.58	\$41.79	0.4%
93	39.4%	311	89,520			\$17,268.72	\$17,309.18	\$40.46	0.2%
94	67.4%	501	246,680			\$44,306.24	\$44,371.37	\$65.14	0.1%
95	25.8%	222	41,900			\$8,812.06	\$8,840.95	\$28.89	0.3%
96	64.7%	354	167,040			\$30,174.25	\$30,220.21	\$45.96	0.2%
97	42.0%	297	91,080			\$17,400.94	\$17,439.54	\$38.59	0.2%
98	20.0%	230	33,520			\$7,518.00	\$7,547.86	\$29.86	0.4%
99	11.0%	250	20,064			\$5,507.12	\$5,539.57	\$32.45	0.6%
100	21.8%	228	36,187			\$7,934.73	\$7,964.36	\$29.63	0.4%
101	47.6%	476	165,320			\$30,925.91	\$30,987.82	\$61.91	0.2%
102	55.4%	356	143,928			\$26,451.82	\$26,498.08	\$46.26	0.2%
103	37.7%	381	104,773	2	Yes	\$19,355.82	\$19,403.56	\$47.74	0.2%
104	34.6%	376	94,929	1	Yes	\$18,055.00	\$18,102.85	\$47.85	0.3%
105	70.3%	321	164,820			\$29,542.62	\$29,584.37	\$41.75	0.1%
106	33.7%	258	63,456			\$12,598.84	\$12,632.33	\$33.49	0.3%
107	19.7%	271	39,008			\$8,752.54	\$8,787.75	\$35.21	0.4%
108	54.3%	257	102,032			\$18,842.93	\$18,876.40	\$33.47	0.2%
109	42.3%	239	73,700			\$14,099.04	\$14,130.08	\$31.04	0.2%
110	48.6%	770	273,155	2	Yes	\$48,629.33	\$48,725.91	\$96.59	0.2%
111	37.3%	295	80,320			\$15,642.76	\$15,681.11	\$38.34	0.2%
112	40.2%	368	107,900			\$20,720.19	\$20,768.01	\$47.82	0.2%
Unitil Energy Systems, Inc. Rates - Effective 2/1/2023:						Unitil Energy Systems, Inc. Rates - Effective 6/1/2023:			
Customer Charge - Secondary			\$162.18	Customer Charge - Secondary			\$162.18		
Customer Charge - Primary			\$86.49	Customer Charge - Primary			\$86.49		
			All kVA				All kVA		
Distribution Charge			\$8.40	Distribution Charge			\$8.53		
Stranded Cost Charge			\$0.00	Stranded Cost Charge			\$0.00		
TOTAL			\$8.40	TOTAL			\$8.53		
			All kWh				All kWh		
Distribution Charge			\$0.00000	Distribution Charge			\$0.00000		
External Delivery Charge			\$0.02533	External Delivery Charge			\$0.02533		
Stranded Cost Charge			\$0.00002	Stranded Cost Charge			\$0.00002		
System Benefits Charge			\$0.00700	System Benefits Charge			\$0.00700		
Storm Recovery Adjustment Factor			\$0.00000	Storm Recovery Adjustment Factor			\$0.00000		
June 22 Default Service Charge			\$0.12954	June 22 Default Service Charge			\$0.12954		
TOTAL			\$0.16189	TOTAL			\$0.16189		
High Voltage Discount 1 for 4-13.8 kV			2.0%	High Voltage Discount 1 for 4-13.8 kV			2.0%		
High Voltage Discount 2 for 34.5 kV			3.5%	High Voltage Discount 2 for 34.5 kV			3.5%		
Transformer Ownership Credit \$/kVA			\$0.50	Transformer Ownership Credit \$/kVA			\$0.50		

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Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates Impact on G1 Rate Customers									
Customer	Load Factor	Average Monthly kVA	Average kWh	Voltage Discount Tier	Transformer Ownership Credit	Total Bill Using Rates Effective 2/1/2023	Total Bill Using Rates Effective 6/1/2023	Total Difference	% Total Difference
113	51.3%	264	99,073	2	Yes	\$17,579.06	\$17,612.22	\$33.16	0.2%
114	30.6%	339	75,583			\$15,242.68	\$15,286.69	\$44.02	0.3%
115	61.0%	677	301,440			\$54,649.31	\$54,737.32	\$88.01	0.2%
116	74.4%	405	219,800			\$39,144.17	\$39,196.77	\$52.60	0.1%
117	61.5%	217	97,536			\$17,777.11	\$17,805.35	\$28.24	0.2%
118	28.4%	352	73,100			\$14,955.66	\$15,001.46	\$45.80	0.3%
119	48.2%	453	159,340			\$29,764.61	\$29,823.53	\$58.92	0.2%
120	43.9%	346	110,840			\$21,014.15	\$21,059.15	\$45.01	0.2%
121	51.2%	684	255,424	2		\$45,534.45	\$45,620.26	\$85.81	0.2%
122	40.9%	249	74,387			\$14,330.55	\$14,330.95	\$0.41	0.2%
123	20.1%	236	94,573			\$7,739.97	\$7,769.00	\$29.03	0.4%
124	9.8%	606	43,345	2	Yes	\$11,478.59	\$11,552.60	\$74.00	0.7%
125	18.9%	312	43,030			\$9,746.45	\$9,786.97	\$40.52	0.4%
126	60.0%	639	279,650			\$50,798.96	\$50,881.98	\$83.02	0.2%
127	52.4%	2,025	774,292	2	Yes	\$136,485.33	\$136,739.34	\$254.01	0.2%
128	61.2%	2,222	991,779	2	Yes	\$171,963.18	\$172,241.89	\$278.71	0.2%
129	42.8%	137	42,708			\$8,224.58	\$8,242.35	\$17.77	0.2%
130	48.5%	206	72,800			\$13,675.09	\$13,701.82	\$26.73	0.2%
131	27.1%	308	60,960			\$12,617.00	\$12,657.03	\$40.02	0.3%
132	32.2%	174	41,024			\$8,268.59	\$8,291.26	\$22.67	0.3%
133	48.5%	1,145	405,120			\$75,368.07	\$75,516.96	\$148.90	0.2%
134	16.0%	249	29,000			\$6,946.07	\$6,978.40	\$32.33	0.5%
135	48.6%	431	152,940			\$28,544.77	\$28,600.84	\$56.07	0.2%
136	31.7%	483	111,872			\$22,332.79	\$22,395.62	\$62.83	0.3%
137	44.2%	242	78,120			\$14,844.00	\$14,875.49	\$31.49	0.2%
138	61.1%	543	242,600			\$44,001.88	\$44,072.54	\$70.65	0.2%
139	48.8%	941	335,087			\$62,312.20	\$62,434.56	\$122.36	0.2%
140	80.1%	152	89,145			\$15,874.65	\$15,894.48	\$19.82	0.1%
141	54.2%	427	168,907			\$31,092.02	\$31,147.51	\$55.49	0.2%
142	36.7%	319	85,493			\$16,680.90	\$16,722.34	\$41.45	0.2%
143	26.8%	637	124,693			\$25,701.40	\$25,784.24	\$82.84	0.3%
144	55.0%	424	170,000			\$31,242.84	\$31,297.93	\$55.09	0.2%
145	45.1%	355	116,783			\$22,050.16	\$22,096.31	\$46.15	0.2%
146	25.7%	401	75,167			\$15,701.55	\$15,753.72	\$52.16	0.3%
147	58.8%	477	204,500			\$37,272.20	\$37,334.15	\$61.96	0.2%
148	27.0%	849	167,400			\$34,393.61	\$34,503.97	\$110.36	0.3%
149	70.7%	1,008	519,800			\$92,776.44	\$92,907.43	\$130.99	0.1%
150	55.6%	457	185,400			\$34,013.85	\$34,073.23	\$59.39	0.2%
151	42.1%	144	44,240			\$8,533.30	\$8,552.02	\$18.71	0.2%
152	6.3%	310	14,317			\$5,087.41	\$5,127.76	\$40.35	0.8%
153	61.1%	885	394,833			\$71,519.88	\$71,634.99	\$115.11	0.2%
154	51.7%	511	192,725			\$35,652.03	\$35,718.42	\$66.39	0.2%
155	45.8%	562	167,767			\$35,278.71	\$35,351.74	\$73.03	0.2%
156	26.2%	318	60,750			\$12,664.63	\$12,705.91	\$41.28	0.3%
157	48.6%	610	216,075			\$40,262.50	\$40,341.74	\$79.24	0.2%
158	10.9%	492	39,030			\$10,614.53	\$10,678.50	\$63.98	0.6%
159	68.6%	1,016	508,947	2	Yes	\$87,345.41	\$87,472.93	\$127.52	0.1%
160	36.0%	78	20,350			\$4,107.71	\$4,117.79	\$10.08	0.2%
161	3.4%	3,066	75,994	2		\$36,811.06	\$37,195.68	\$384.62	1.0%
162	3.9%	255	7,292			\$3,484.63	\$3,517.78	\$33.15	1.0%
163	58.2%	225	95,529			\$17,516.58	\$17,545.82	\$29.24	0.2%
164	58.8%	295	126,875			\$23,183.75	\$23,222.16	\$38.41	0.2%
165	42.2%	181	55,800			\$10,715.48	\$10,739.00	\$23.52	0.2%
166	2.3%	745	12,588	1	Yes	\$7,848.34	\$7,943.20	\$94.86	1.2%
167	34.5%	381	95,900			\$18,886.36	\$18,935.87	\$49.51	0.3%
Unitil Energy Systems, Inc. Rates - Effective 2/1/2023:						Unitil Energy Systems, Inc. Rates - Effective 6/1/2023:			
Customer Charge - Secondary			\$162.18	Customer Charge - Secondary			\$162.18		
Customer Charge - Primary			\$86.49	Customer Charge - Primary			\$86.49		
			All kVA				All kVA		
Distribution Charge			\$8.40	Distribution Charge			\$8.53		
Stranded Cost Charge			\$0.00	Stranded Cost Charge			\$0.00		
TOTAL			\$8.40	TOTAL			\$8.53		
			All kWh				All kWh		
Distribution Charge			\$0.00000	Distribution Charge			\$0.00000		
External Delivery Charge			\$0.02533	External Delivery Charge			\$0.02533		
Stranded Cost Charge			\$0.00002	Stranded Cost Charge			\$0.00002		
System Benefits Charge			\$0.00700	System Benefits Charge			\$0.00700		
Storm Recovery Adjustment Factor			\$0.00000	Storm Recovery Adjustment Factor			\$0.00000		
June 22 Default Service Charge			\$0.12954	June 22 Default Service Charge			\$0.12954		
TOTAL			\$0.16189	TOTAL			\$0.16189		
High Voltage Discount 1 for 4-13.8 kV			2.0%	High Voltage Discount 1 for 4-13.8 kV			2.0%		
High Voltage Discount 2 for 34.5 kV			3.5%	High Voltage Discount 2 for 34.5 kV			3.5%		
Transformer Ownership Credit \$/kVA			\$0.50	Transformer Ownership Credit \$/kVA			\$0.50		