

STATE OF NEW HAMPSHIRE

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Tel. (603) 271-2431

Website:  
[www.puc.nh.gov](http://www.puc.nh.gov)

**PUBLIC UTILITIES COMMISSION**

21 S. Fruit St., Suite 10  
Concord, N.H. 03301-2429

July 27, 2023

Patrick H. Taylor  
Chief Regulatory Counsel  
Unitil Energy Systems, Inc.  
6 Liberty Lane West  
Hampton, NH 03842

Re: Docket No. DE 23-014  
Petition for Approval of Step Adjustment Filing  
Tariff Pages: 55th rev pg 4; 4th rev pg 5-A; 78th rev pg 6; 17th rev pg 48; 16th rev pg 51; 17th  
rev pgs 52, 53  
Tariff No. 3  
Effective Date: June 1, 2023

Dear Attorney Taylor:

Employees of the New Hampshire Public Utilities Commission have reviewed the tariff filing received on June 6, 2023, in the above-captioned proceeding and confirm compliance with Puc 1603 filing requirements. A copy of this letter is being entered into the docket and the tariff filing will be placed in our permanent file.

In accordance with the Secretarial letter issued March 17, 2020, this letter will be filed electronically only at this time. I attached date-stamped copies of the filed tariff pages to the email to the service list and can send physical copies upon request.

Please e-mail me at [tariffs@puc.nh.gov](mailto:tariffs@puc.nh.gov) if I can be of assistance.

Sincerely,

/s/ *Ben Martin-McDonough*

Ben Martin-McDonough  
Tariff Administrator

cc: Service List

**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.

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
<b>D</b>	Customer Charge	\$16.22							\$16.22
	All kWh	\$0.04612	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.07847
<b>G2</b>	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
<b>G2 - kWh meter</b>	Customer Charge	\$18.38							\$18.38
	All kWh	\$0.03270	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06505
<b>G2 - Quick Recovery Water Heat and/or Space Heat</b>	Customer Charge	\$9.73							\$9.73
	All kWh	\$0.03669	(\$0.00376)	\$0.02909	\$0.02533	\$0.00002	\$0.00000	\$0.00700	\$0.06904
<b>G1</b>	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
<b>ALL GENERAL</b>	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. 26,837 in Case No. DE 23-014, dated May 31, 2023

\*\* 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

Issued: June 6, 2023  
Effective: June 1, 2023

RECEIVED  
JUN 13 2023  
Issued By: Daniel Hurstak  
Sr. Vice President



**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	\$0.04068	(\$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 <sup>1</sup>

Mid-Peak kWh: Monday - Friday 6 A.M. - 3 P.M., excluding Weekday Holidays <sup>1</sup>

On-Peak kWh: Monday - Friday 3 P.M. - 8 P.M., excluding Weekday Holidays <sup>1</sup>

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

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

Issued: June 6, 2023  
Effective: June 1, 2023

Issued By: Daniel Hurstak  
Sr. Vice President



**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.

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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

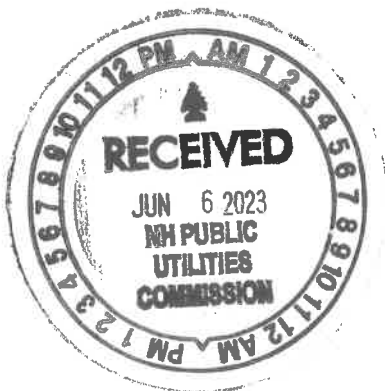
The minimum charge per month, or fraction thereof, shall be the Customer Charge.

*Authorized by NHPUC Order No. 26,837 in Case No. DE 23-014 dated May 31, 2023*

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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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Sr. Vice President



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:

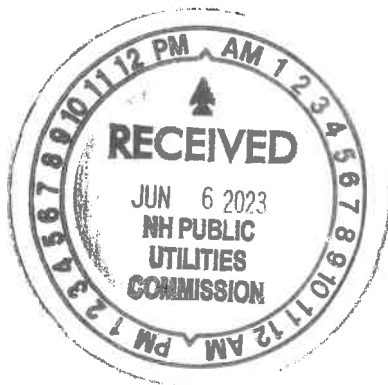
DISTRIBUTION CHARGES - MONTHLY

Customer Charge:	\$9.73 per meter
Distribution Charge:	3.669¢ per kWh

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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.

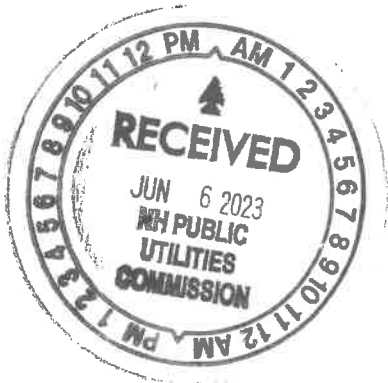
If the Customer's average use is consistently equal to or in excess of two-hundred (200) kilovolt-ampere (kVA) of demand and/or is generally greater than one-hundred thousand (100,000) kilowatt-hours per month, as measured by the Company, the Customer may be placed on rate G1.

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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ClerksOffice@puc.nh.gov

amanda.o.noonan@energy.nh.gov

elizabeth.r.nixon@energy.nh.gov

Energy-Litigation@energy.nh.gov

heidi.w.lemay@energy.nh.gov

jacqueline.m.trottier@energy.nh.gov

jay.e.dudley@energy.nh.gov

mark.p.toscano@energy.nh.gov

Molly.M.Lynch@energy.nh.gov

ocalitigation@oca.nh.gov

paul.b.dexter@energy.nh.gov

taylorp@unitil.com

thomas.c.frantz@energy.nh.gov