

***SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax)***

The effective rates listed below include an Electricity Consumption Tax, assessed in accordance with NH Statute RSA Chapter 83-E. This tax, collected on behalf of the State of NH by each electric utility, is based on kWh consumed. 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****</u> (1)	<u>Total Delivery Charges</u>	<u>Electricity Consumption Tax</u>	<u>Effective Delivery Rates (Incl. Electricity Consumption Tax)</u>
<b>D</b>	Customer Charge	\$16.12							\$16.12		\$16.12
	All kWh	\$0.03537	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00101)	\$0.00133	\$0.00456	\$0.06414	\$0.00055	\$0.06469
<b>G2</b>	Customer Charge	\$29.02							\$29.02		\$29.02
	All kW	\$10.45				(\$0.21)			\$10.24		\$10.24
	All kWh	\$0.00000	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00021)	\$0.00133	\$0.00456	\$0.02957	\$0.00055	\$0.03012
<b>G2 - kWh meter</b>	Customer Charge	\$18.27							\$18.27		\$18.27
	All kWh	\$0.00878	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00101)	\$0.00133	\$0.00456	\$0.03755	\$0.00055	\$0.03810
<b>G2 - Quick Recovery Water Heat and/or Space Heat</b>	Customer Charge	\$9.67							\$9.67		\$9.67
	All kWh	\$0.03185	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00101)	\$0.00133	\$0.00456	\$0.06062	\$0.00055	\$0.06117
<b>G1</b>	Customer Charge	\$161.23	Secondary Voltage						\$161.23		\$161.23
	Customer Charge	\$85.99	Primary Voltage						\$85.99		\$85.99
	All kVA	\$7.55				(\$0.25)			\$7.30		\$7.30
	All kWh	\$0.00000	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00025)	\$0.00133	\$0.00456	\$0.02953	\$0.00055	\$0.03008
<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 \$0.00275 per kWh and lost base revenue portion of \$0.00031 per kWh.

\* Authorized by NHPUC Order No. 26,123 in Case No. DE 18-036, dated April 30, 2018  
 \*\* Authorized by NHPUC Order No. 26,160 in Case No. DE 18-096, dated July 20, 2018  
 \*\*\* Authorized by NHPUC Order No. 26,123 in Case No. DE 18-036, dated April 30, 2018  
 \*\*\*\* Authorized by NHPUC Order No. 26,095 in Case No. DE 17-136, dated January 2, 2018

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Issued By: Mark H. Collin  
Sr. Vice President

**SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax) (continued)**

Class	Distribution Charge*	Non-Transmission	Transmission	External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge**** (1)	Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rates (Incl. Electricity Consumption Tax)
		External Delivery Charge**	External Delivery Charge**							
<b>OL</b>										
All kWh	\$0.00000	(\$0.00109)	\$0.02498	\$0.02389	(\$0.00101)	\$0.00133	\$0.00456	\$0.02877	\$0.00055	\$0.02932
<i>Luminaire Charges</i>										
	Lamp Size Nominal Watts	Lumens (Approx.)	All-Night Service Monthly kWh	Midnight Service Monthly kWh	Description	Price Per Luminaire				
						Per Mo.	Per Year			
	100	3,500	43	20	Mercury Vapor Street	\$13.20	\$158.40			
	175	7,000	71	33	Mercury Vapor Street	\$15.66	\$187.92			
	250	11,000	100	46	Mercury Vapor Street	\$17.75	\$213.00			
	400	20,000	157	73	Mercury Vapor Street	\$21.13	\$253.56			
	1,000	60,000	372	173	Mercury Vapor Street	\$41.95	\$503.40			
	250	11,000	100	46	Mercury Vapor Flood	\$18.90	\$226.80			
	400	20,000	157	73	Mercury Vapor Flood	\$22.62	\$271.44			
	1,000	60,000	380	176	Mercury Vapor Flood	\$37.48	\$449.76			
	100	3,500	48	22	Mercury Vapor Power Bracket	\$13.33	\$159.96			
	175	7,000	71	33	Mercury Vapor Power Bracket	\$14.79	\$177.48			
	50	4,000	23	11	Sodium Vapor Street	\$13.44	\$161.28			
	100	9,500	48	22	Sodium Vapor Street	\$15.13	\$181.56			
	150	16,000	65	30	Sodium Vapor Street	\$15.19	\$182.28			
	250	30,000	102	47	Sodium Vapor Street	\$19.03	\$228.36			
	400	50,000	161	75	Sodium Vapor Street	\$23.98	\$287.76			
	1,000	140,000	380	176	Sodium Vapor Street	\$41.42	\$497.04			
	150	16,000	65	30	Sodium Vapor Flood	\$17.51	\$210.12			
	250	30,000	102	47	Sodium Vapor Flood	\$20.64	\$247.68			
	400	50,000	161	75	Sodium Vapor Flood	\$23.45	\$281.40			
	1,000	140,000	380	176	Sodium Vapor Flood	\$41.78	\$501.36			
	50	4,000	23	11	Sodium Vapor Power Bracket	\$12.44	\$149.28			
	100	9,500	48	22	Sodium Vapor Power Bracket	\$13.96	\$167.52			
	175	8,800	74	34	Metal Halide Street	\$19.79	\$237.48			
	250	13,500	102	47	Metal Halide Street	\$21.52	\$258.24			
	400	23,500	158	73	Metal Halide Street	\$22.32	\$267.84			
	175	8,800	74	34	Metal Halide Flood	\$22.87	\$274.44			
	250	13,500	102	47	Metal Halide Flood	\$24.69	\$296.28			
	400	23,500	158	73	Metal Halide Flood	\$24.73	\$296.76			
	1,000	86,000	374	174	Metal Halide Flood	\$32.03	\$384.36			
	175	8,800	74	34	Metal Halide Power Bracket	\$18.52	\$222.24			
	250	13,500	102	47	Metal Halide Power Bracket	\$19.69	\$236.28			
	400	23,500	158	73	Metal Halide Power Bracket	\$21.05	\$252.60			
	42	3,600	15	7	LED Area Light Fixture	\$13.08	\$156.96			
	57	5,200	20	9	LED Area Light Fixture	\$13.13	\$157.56			
	25	3,000	9	4	LED Cobra Head Fixture	\$13.03	\$156.36			
	88	8,300	30	14	LED Cobra Head Fixture	\$13.22	\$158.64			
	108	11,500	37	17	LED Cobra Head Fixture	\$13.28	\$159.36			
	193	21,000	67	31	LED Cobra Head Fixture	\$13.54	\$162.48			
	123	12,180	43	20	LED Flood Light Fixture	\$13.33	\$159.96			
	194	25,700	67	31	LED Flood Light Fixture	\$13.54	\$162.48			
	297	38,100	103	48	LED Flood Light Fixture	\$13.85	\$166.20			

(1) Includes low-income portion of \$0.00150 per kWh, energy efficiency portion of \$0.00275 per kWh and lost base revenue portion of \$0.00031 per kWh.

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

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

Tier	Percentage of 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					
				Aug 2018 - Nov 2018 (1)	Jun 2018-Nov 2018 (2)	Jun-18 (3)	Jul-18 (3)	Aug-18 (3)	Sep-18 (3)	Oct-18 (3)	Nov-18 (3)
1 (4)	N/A	N/A									
2	151 - 200	8%	Customer Charge	(\$1.29)							
			First 750 kWh	(\$0.00513)	(\$0.00659)	(\$0.00637)	(\$0.00632)	(\$0.00630)	(\$0.00665)	(\$0.00698)	(\$0.00708)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 - 150	22%	Customer Charge	(\$3.55)							
			First 750 kWh	(\$0.01411)	(\$0.01812)	(\$0.01751)	(\$0.01737)	(\$0.01734)	(\$0.01830)	(\$0.01920)	(\$0.01947)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
4	101 - 125	36%	Customer Charge	(\$5.80)							
			First 750 kWh	(\$0.02309)	(\$0.02966)	(\$0.02866)	(\$0.02843)	(\$0.02837)	(\$0.02994)	(\$0.03141)	(\$0.03186)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 - 100	52%	Customer Charge	(\$8.38)							
			First 750 kWh	(\$0.03335)	(\$0.04284)	(\$0.04139)	(\$0.04106)	(\$0.04098)	(\$0.04325)	(\$0.04538)	(\$0.04601)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
6	0 - 75	76%	Customer Charge	(\$12.25)							
			First 750 kWh	(\$0.04875)	(\$0.06261)	(\$0.06050)	(\$0.06001)	(\$0.05990)	(\$0.06321)	(\$0.06632)	(\$0.06725)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000

(1) Discount calculated using total utility charges from Page 4 (excluding the Electricity Consumption Tax) 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.

(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. 26,160 in Case No. DE 18-096, dated July 20, 2018*

## CALCULATION OF THE STRANDED COST CHARGE

### Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2018	(\$428,979)
2. Estimated Total Costs (August 2018 - July 2019)	(\$769,892)
3. Estimated Interest (August 2018 - July 2019)	<u>(\$10,579)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$1,209,450)
5. Estimated Calendar Month Deliveries in kWh (August 2018 - July 2019)	<u>1,201,046,348</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00101)

Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter,  
G2 - Quick Recovery Water Heating, G2 - Space Heating,  
G2 Controlled Off Peak Water Heating, OL

7. Stranded Cost Charge (\$/kWh) (L.6)	<b>(\$0.00101)</b>
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### Class G2 (1)

8. Estimated G2 Demand Revenue (August 2018- July 2019)	(\$275,318)
9. Estimated G2 Deliveries in kW (August 2018 - July 2019)	<u>1,335,793</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	<b>(\$0.21)</b>

11. G2 Energy Revenue (August 2018 - July 2019)	(\$70,588)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2018 - July 2019)	<u>342,481,395</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	<b>(\$0.00021)</b>

### Class G1 (1)

14. Estimated G1 Demand Revenue (August 2018 - July 2019)	(\$261,862)
15. Estimated G1 Deliveries in kVA (August 2018 - July 2019)	<u>1,058,401</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	<b>(\$0.25)</b>

17. G1 Energy Revenue (August 2018 - July 2019)	(\$84,958)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2018 - July 2019)	<u>343,385,757</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	<b>(\$0.00025)</b>

(1) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

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EXTERNAL DELIVERY CHARGE  
SCHEDULE EDC

The External Delivery Charge ("EDC"), as specified on Calculation of the External Delivery Charge, shall be billed by the Company to all customers taking Delivery Service from the Company. The purpose of the EDC is to recover, on a fully reconciling basis, the costs billed to the Company by Other Transmission Providers as well as third party costs billed to the Company for energy and transmission related services and other costs approved by the Commission as specified herein.

The EDC shall include the following charges, except that third party costs associated with Default Service shall be included in the Default Service Charge: 1) charges billed to the Company by Other Transmission Providers as well as any charges relating to the stability of the transmission system which the Company is authorized to recover by order of the regulatory agency having jurisdiction over such charges, 2) transmission-based assessments or fees billed by or through regulatory agencies, 3) costs billed by third parties for load estimation and reconciliation and data and information services necessary for allocation and reporting of supplier loads, and for reporting to, and receiving data from, ISO New England, 4) legal and consulting outside service charges related to the Company's transmission and energy obligations and responsibilities, including legal and regulatory activities associated with the independent system operator ("ISO"), New England Power Pool ("NEPOOL"), regional transmission organization ("RTO") and Federal Energy Regulatory Commission ("FERC"), and Commission approved special assessments charged to the Company due to the expenses of experts employed by the Office of Consumer Advocate pursuant to the provisions of RSA 368:28,III. 5) the costs of Administrative Service Charges billed to the Company by Unitil Power Corp. under the FERC-approved Amended Unitil System Agreement, 6) Effective July 1, 2014, in accordance with RSA 363-A:6, amounts above or below the total NHPUC Assessment, less amounts charged to base distribution and Default Service, and 7) cash working capital associated with Other Flow-Through Operating Expenses. In addition, the EDC shall include the calendar year over- or under-collection from the Company's Vegetation Management Program and Reliability Enhancement Program. The over- or under- collection shall be credited or charged to the EDC on May 1 of the following year, or, with approval of the Commission, the Company may credit unspent amounts to future Vegetation Management Program expenditures. The EDC shall include rate case expenses and other regulatory expenses allowed by the Commission in Docket DE 16-384. The EDC shall also include a charge for the recovery of displaced distribution revenue associated with net metering for 2013 and subsequent years. Lastly, the EDC shall include the prudently incurred costs, as approved by the Commission, associated with the alternative net metering tariff approved in Docket DE 16-576, including: net metering credits; meters installed and related data management; independent monitoring services, bi-directional and production meters installed and related data management systems and processes; pilot programs; studies; and data collection, maintenance and dissemination. For purposes of this Schedule, "Other Transmission Provider" shall be defined as any transmission provider and other regional transmission and/or operating entities, such as NEPOOL, a regional transmission group ("RTG"), an ISO, and their successors, or other such body with the oversight of regional transmission, in the event that any of these entities are authorized to bill the Company directly for their services.

The EDC shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any over- or under-recoveries occurring in prior year(s). Interest shall be calculated at the prime rate, with said prime rate to be fixed on a quarterly basis and to be established as reported in THE WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter. If more than one interest rate is reported, the average of the reported rates shall be used. The Company may file to change the EDC at any time should significant over- or under-recoveries occur or be expected to occur. In addition, the Company's annual filing shall breakdown the EDC into two components (transmission and non-transmission) for purposes of billing under the alternative net metering tariff that became effective September 1, 2017.

Any adjustment to the EDC shall be in accordance with a notice filed with the Commission setting forth the amount of the proposed charge and the amount of the increase or decrease. The notice shall further specify the effective date of such charge, which shall not be earlier than forty-five days after the filing of the notice, or such other date as the Commission may authorize. The annual adjustment to the EDC shall be derived in the same manner as that provided by Calculation of the External Delivery Charge.

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# **CALCULATION OF THE EXTERNAL DELIVERY CHARGE**

	Calculation of the EDC - <u>Total</u>	Calculation of the EDC - <u>Transmission Only</u>	Calculation of the EDC - <u>Non-Transmission</u>
1. (Over)/under Recovery - Beginning Balance August 1, 2018	\$543,166	\$1,521,755	(\$978,589)
2. Estimated Total Costs (August 2018 - July 2019)	\$28,134,350	\$28,454,228	(\$319,878)
3. Estimated Interest (August 2018 - July 2019)	<u>\$13,901</u>	<u>\$29,308</u>	<u>(\$15,408)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$28,691,417	\$30,005,292	(\$1,313,875)
5. Estimated Calendar Month Deliveries in kWh (August 2018 - July 2019)	<u>1,201,046,348</u>	<u>1,201,046,348</u>	<u>1,201,046,348</u>
6. External Delivery Charge (\$/kWh) (L. 4 / L. 5)	\$0.02389	\$0.02498	(\$0.00109)

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