1st Revised Page 80 Superseding Original Page 80 Rate EOL

ENERGY EFFICIENT OUTDOOR LIGHTING DELIVERY SERVICE RATE EOL

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this unmetered rate is available to any federal, state, county, municipal or other governmental unit, or department or agency of the government. Service under this rate is for delivery and maintenance of street and area lighting service to fixtures utilizing high pressure sodium, metal halide, light emitting diode ("LED") or other energy efficient technology accepted by the Company, for which the Customer has paid the installed cost of fixtures and brackets. It is available at the Customer's option to those Customers who sign a Service Agreement to receive all of their street and area lighting service requirements under Rate EOL where feasible.

Customers choosing to convert from service under Outdoor Lighting Delivery Service Rate OL to service under Rate EOL must:

- (a) contribute to the Company the remaining unexpired life of currently installed high pressure sodium and metal halide fixtures and brackets which the Customer wishes to remain in service on the date that service under this rate is initiated;
- (b) contribute to the Company the cost of removal and remaining unexpired life of any street and area lighting fixtures and brackets as of the date that such fixtures are removed and replaced with energy efficient lighting technology in accordance with this Rate Schedule;
- (c) pay the Company the installed cost for all new high pressure sodium and metal halide fixtures and brackets placed into service under this rate, and;
- (d) furnish any fixtures utilizing other lighting technologies accepted by the Company, and pay either the Company or a private line contractor, as described under the "Additional Requirements" section below, for the installation of these fixtures.

The Company will perform all maintenance of lighting fixtures under this rate. The Company will hold title to all fixtures during the time they are installed.

All-night outdoor lighting service on an annual basis totaling approximately 3,937 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 1,816 hours of operation per year shall be provided for under this rate.

LIMITATIONS ON AVAILABILITY

The availability of this rate to any Customer is contingent upon the availability to the Company of personnel and/or other resources necessary to perform the conversion of existing fixtures in accordance with the time schedule specified in the Service Agreement.

Issued:	August 13, 2021	Issued by:	/s/ Joseph A. Purington
	-	•	Joseph A. Purington
Effective:	August 1, 2021	Title:	President, NH Electric Operations

2nd Revised Page 81 Superseding 1st Page 81 Rate EOL

ADDITIONAL REQUIREMENTS FOR TECHNOLOGIES OTHER THAN HIGH PRESSURE SODIUM OR METAL HALIDE

Fixtures utilizing technologies other than High Pressure Sodium or Metal Halide must be provided by the Customer for installation on the Company's facilities. Fixtures shall be accepted by the Company in advance of installation and must be compatible with existing line voltage, brackets and photoelectric controls, and must require no special tools or training to install and maintain.

Customers who are replacing existing fixtures with these technologies are responsible for the cost of removal and installation. Customers may choose to have this work completed by the Company or may opt to hire and pay a private line contractor to perform the work. Any private contractor shall have all the requisite training, certifications and insurance to safely perform the required installations, and shall be licensed by the State and accepted by the Company. Prior to commencement of work, the municipality must provide written certification of the qualifications to the Company. Contractors shall coordinate the installation work with the Company and submit a work plan subject to approval by the Company. The Customer shall bear all expenses related to the use of such labor, including any expenses arising from damage to the Company's electrical system caused by the contractor's actions.

SERVICE AGREEMENT

The Customer shall sign a Service Agreement governing the contribution for the remaining unexpired life of the existing street lighting fixtures and brackets, the contribution for the installed cost of the new fixtures and brackets, and the conversion of existing fixtures.

SERVICE DURING THE CONVERSION PERIOD FROM RATE OL TO RATE EOL

Service under this rate shall be implemented on a prorated basis, according to the number of fixtures which have been converted. Therefore, during the conversion period a portion of the Customer's street and area lighting requirements may be served under Outdoor Lighting Delivery Service Rate OL for those fixtures which have not yet been converted under this Rate.

MONTHLY RATES

Energy Charge:

charges Issued:

Per Kilowatt-Hour Regulatory Reconciliation Adjustment......(0.051)¢ In addition to the energy charges above, Customers shall be assessed the monthly Distribution Rates shown below. The energy charge shall be applied to the monthly kilowatthours specified below for the applicable fixture and service option. For outdoor lighting August 13, 2021 Issued by: /s/ Joseph A. Purington Joseph A. Purington

President, NH Electric Operations Effective: August 1, 2021 Title:

which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatthours used for billing purposes shall be the amount specified for the calendar month in which the later meter read date occurred for service rendered under the metered Rate Schedule.

<u>All-Night Service Option</u>: The monthly kilowatt-hours and distribution rates for each fixture served under the all-night service option are shown below.

Lamp No														
Light	Power													Monthly
Output	Rating						<u>WH p</u>	er Fix						Distribution
<u>Lumens</u>	<u>Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	Rate
High Pre	ssure Sc	dium:												
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$6.34
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	6.65
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	7.07
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	7.73
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	8.95
50,000	400	196	163	159	133	120	107	116	132	147	173	186	202	10.66
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	17.33
Metal Ha	alide:													
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$6.67
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	7.01
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	7.74
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	7.91
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	8.78
36,000	400	190	158	154	129	116	104	112	127	142	167	180	195	10.49
100,000	1,000	455	378	369	309	278	248	268	306	341	402	431	468	17.15

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	Watt
Monthly Distribution Rates	\$3.23	\$0.01058

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows:

	Total Fixture Wattage divided by 1,000 times the monthly hours of operation below											
	Monthly Hours of Operation											
	<u>Jan</u>	<u>Feb</u>	Mar	<u>_</u> <u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>
	421	350	342	286	257	230	248	283	316	372	399	433
Issu	Issued: August 13, 2021						Issu	ed by:		/s/ Jose	eph A. Purington	
	Joseph A. Purington											
Effe	Effective: August 1, 2021				Title: President, NH Electric Opera			H Electric Operations				

NHPUC NO. -10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRESuperseding Original 1st Revised Page 83
DBA EVERSOURCE ENERGY
Rate EOL

Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the midnight service option are shown below.

Lamp No	ominal_													
Light	Power													Monthly
Output	Rating]	Montl	ıly K	WH p	er Fix	ture					Distribution
Lumens	Watts	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	Rate
High Pre		dium:												
4,000	50	12	10	9	7	6	5	6	7	8	10	12	13	\$6.34
5,800	70	18	15	13	10	9	8	8	10	12	15	19	20	6.65
9,500	100	27	22	19	15	13	12	12	15	18	22	27	29	7.07
16,000	150	40	33	28	23	20	17	18	22	26	32	40	43	7.73
30,000	250	65	54	46	37	32	28	30	36	42	52	66	69	8.95
50,000	400	100	82	70	56	50	43	45	54	64	79	100	106	10.66
130,000	1,000	234	192	165	132	116	100	106	127	151	186	235	248	17.33
Metal Ha	ılide:													
5,000	70	19	16	13	11	9	8	9	10	12	15	19	20	\$6.67
8,000	100	26	21	18	15	13	11	12	14	17	21	26	27	7.01
13,000	150	41	33	29	23	20	17	18	22	26	32	41	43	7.74
13,500	175	44	36	31	25	22	19	20	24	28	35	44	47	7.91
20,000	250	61	50	43	35	31	26	28	33	40	49	62	65	8.78
36,000	400	96	79	67	54	48	41	44	52	62	76	96	102	10.49
100,000	1,000	230	189	162	130	114	98	105	125	149	184	231	244	17.15

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	Watt
Monthly Distribution Rates	\$3.23	\$0.01058

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

	Monthly Hours of Operation											
<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	Sep	<u>Oct</u>	Nov	<u>Dec</u>	
213	175	150	120	106	91	97	116	138	170	214	226	

Issued:	October 1, 2021	Issued by:	/s/ Douglas W. Foley
		•	Douglas W. Foley
			-

Effective: August 1, 2021 Title: President, NH Electric Operations

NHPUC NO. -10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
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Rate EOL

USE OF ADVANCED CONTROLS

Where lighting controls that meet the current ANSI C12.20 standard have been installed that allow for variation from the Company's outdoor lighting hours schedule under All-Night Schedule or Midnight Schedule, the Customer must provide verification of such installation to the Company and a schedule indicating the expected average operating wattage of all lights subject to the Customer's control and operation. The expected average operating wattage of all lights the Customer provides will be applied and billed for all lights under this tariff. Upon installation and at any time thereafter, the Customer must also provide the Company access, either directly or indirectly, to the data from the Customer's control system in order for the Company to verify the measured energy use of the lighting systems and modify the billed usage as appropriate on a prospective basis. The Customer shall provide a report annually which provides actual monthly operating usage of such lighting systems.

The schedule of average operating wattage ratings for all lights may be revised once per year at the request of the Customer. However, it is the Customer's responsibility to immediately notify the Company of any planned or unplanned changes to its scheduled usage to allow for billing adjustments as may be needed.

The charge for the monthly kilowatt-hours shall be determined on the basis of the average operating wattage of the light sources resulting from installed control adjustments established at the beginning of the billing period multiplied by the monthly hours of the outdoor lighting hours schedule. The wattage ratings shall allow for the billing of kilowatt-hours according to the schedule submitted by the Customer to the Company and reflect any adjustments from the lighting control system including, but not limited to, fixture trimming, dimming, brightening, variable dimming, and multiple hourly schedules.

LEAP YEAR ADJUSTMENT TO ENERGY

During any leap year, the energy (Kilowatt-hour) usage during the month of February for all fixtures shall be increased by 3.4 percent for the purpose of determining total energy charges under this rate.

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		•		
Effective:	January 1, 2022	Title:	President, NH Electric Operations	

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MAINTENANCE

The Company shall exercise reasonable diligence to insure that all lamps are burning and shall make replacements promptly when notified of outages. However, the Company shall not be required to perform any replacements or maintenance except during regular working hours.

For high pressure sodium and metal halide fixtures, lamp replacement, maintenance and cleaning of lighting fixtures will normally be performed on a periodic basis in accordance with generally accepted utility practices and consistent with any manufacturer's recommendations.

For fixtures utilizing technologies other than high pressure sodium or metal halide, the Company will be responsible for correcting Company system voltage problems at no charge to the Customer. When the Company responds to a report of a non-working fixture not related to voltage, the Customer will be assessed a per-fixture per-visit charge to replace photoelectric controls or to remove an otherwise non-working fixture and return it to the Customer.

	Per-Fixture Per-Visit
Maintenance Charge	\$189.00 plus cost of materials

Issued: December 23, 2020 Issued by: <u>Joseph A. Purington</u>

Effective: January 1, 2021 Title: President, NH Electric Operations

MODIFICATION OF SERVICE OPTION

Municipal and state roadway lighting Customers may request a modification of service from the all-night service option to the midnight service option during the calendar months of January and February of each year, otherwise known as the open enrollment period. Requests received from municipal and state roadway lighting Customers after the open enrollment period shall be implemented during the subsequent open enrollment period, unless the Company determines that it is feasible and practicable to implement the request prior to the subsequent enrollment period. All other Customers may request a modification of service from the all-night service option to the midnight service option at any time. Customers requesting a modification of service from the all-night service option to the midnight service option are responsible to pay to the Company the installed cost of any additional equipment required to provide service under the midnight service option. The installed cost includes the cost of the additional equipment, labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, the Customer is responsible to pay to the Company the cost of any additional equipment required, including overheads. The Customer is responsible to pay such costs prior to the installation of the equipment.

Customers requesting a modification of service from the midnight service option to the all-night service option are responsible to pay to the Company the installation cost of the equipment required to provide service under the all-night service option. The installation cost includes the cost of labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, no additional costs are required to modify service from the midnight service option to the all-night service option.

The Company will utilize fixed price estimates per fixture for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per fixture each year based upon current costs. In the event traffic control is required during a modification of service option or for equipment repair, the Customer is responsible to coordinate and to provide traffic control and to pay all costs associated with traffic control. The scheduling of work associated with the modification of a service option will be made at the Company's discretion with consideration given to minimizing travel and set-up time.

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

No additional cost, other than a contribution for the installed cost of new fixtures and brackets as provided for herein, shall be assessed for fixtures and brackets which are attached to existing poles utilizing overhead secondary wiring. Any cost incurred in connection with the installation of lighting facilities which exceeds the cost of using existing poles with overhead secondary wiring shall be borne by the Customer.

Except for the excess costs of underground facilities to be apportioned as set forth in the provisions for underground electric distribution facilities specified in the Company's "Information and Requirements for Electric Service", any cost incurred in connection with the installation of poles, transformers, wiring, or any other facilities or equipment used exclusively for lighting purposes shall be borne by the Customer. In such cases, the Company shall credit the Customer with the portion, if any, of the

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estimated cost of such facilities which would normally be allocated to lighting purposes.

Any cost incurred in connection with new installations, or with the replacement or removal of existing fixtures and/or brackets shall be borne by the Customer. Such costs shall include the installed cost of the new fixtures and/or brackets in the case of new installations and replacements, and the cost of removal of the existing fixtures and/or brackets, less any salvage value of such fixtures and/or brackets which are removed from service.

In the case of new installations, extensions and replacements which make use of underground conductors for supply and distribution and/or of standards or poles employed exclusively for lighting purposes, the Company reserves the right to require the Customer to furnish, own, and maintain such underground supply and distribution facilities and/or the standards or poles.

If the Company's right under the preceding paragraph is exercised and the Company thereby is relieved of the cost of installing the customary overhead wires and appurtenances and the customary dual purpose poles, the Company shall:

- 1. pay to the Customer the sum of the following:
 - a. the estimated saving in investment to the Company represented by the estimated cost of the customary overhead wires and appurtenances;
 - b. such portion, if any, of the estimated cost to the Company of the customary dual purpose poles as would normally be allocated to lighting purposes;
- 2. have the right, without payment of any charge, to attach its wires, brackets, fixtures, transformers, and other equipment to the standards or poles owned by the Customer.

Should the standards or poles furnished, owned, and maintained by the Customer be located in a public highway, the Customer shall procure and furnish to the Company a license under the Public Laws of New Hampshire (R.S.A. Chapter 231) covering such interest as the Company may have in the standards or poles, including their wires, brackets, fixtures, transformers, and other equipment.

For outdoor area lighting installations, the Customer shall provide without expense or cost to the Company, all permits, consents, or easements necessary for the erection, maintenance, and operation of the Company's facilities, including the right to cut and trim trees and bushes wherever necessary; and the Company shall not be required to move its facilities to another location on the Customer's premises unless the Customer shall bear the cost thereof. The Company reserves the right to restrict such installations under this Rate to areas which are easily accessible by service truck.

All poles, wires, brackets, fixtures, transformers, and other equipment furnished by the Company shall be maintained by it and title to such shall in all cases remain vested in the Company.

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			-		
Effective:	January 1, 2021	Title:	President, NH Electric Operations		

1st Revised Page 80 Superseding Original Page 80 Rate EOL

ENERGY EFFICIENT OUTDOOR LIGHTING DELIVERY SERVICE RATE EOL

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this unmetered rate is available to any federal, state, county, municipal or other governmental unit, or department or agency of the government. Service under this rate is for delivery and maintenance of street and area lighting service to fixtures utilizing high pressure sodium, metal halide, light emitting diode ("LED") or other energy efficient technology accepted by the Company, for which the Customer has paid the installed cost of fixtures and brackets. It is available at the Customer's option to those Customers who sign a Service Agreement to receive all of their street and area lighting service requirements under Rate EOL where feasible.

Customers choosing to convert from service under Outdoor Lighting Delivery Service Rate OL to service under Rate EOL must:

- (a) contribute to the Company the remaining unexpired life of currently installed high pressure sodium and metal halide fixtures and brackets which the Customer wishes to remain in service on the date that service under this rate is initiated;
- (b) contribute to the Company the cost of removal and remaining unexpired life of any street and area lighting fixtures and brackets as of the date that such fixtures are removed and replaced with energy efficient lighting technology in accordance with this Rate Schedule;
- (c) pay the Company the installed cost for all new high pressure sodium and metal halide fixtures and brackets placed into service under this rate, and;
- (d) furnish any fixtures utilizing other lighting technologies accepted by the Company, and pay either the Company or a private line contractor, as described under the "Additional Requirements" section below, for the installation of these fixtures.

The Company will perform all maintenance of lighting fixtures under this rate. The Company will hold title to all fixtures during the time they are installed.

All-night outdoor lighting service on an annual basis totaling approximately 3,937 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 1,816 hours of operation per year shall be provided for under this rate.

LIMITATIONS ON AVAILABILITY

The availability of this rate to any Customer is contingent upon the availability to the Company of personnel and/or other resources necessary to perform the conversion of existing fixtures in accordance with the time schedule specified in the Service Agreement.

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	-	•	Joseph A. Purington				
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2nd Revised Page 81 Superseding 1st Page 81 Rate EOL

ADDITIONAL REQUIREMENTS FOR TECHNOLOGIES OTHER THAN HIGH PRESSURE SODIUM OR METAL HALIDE

Fixtures utilizing technologies other than High Pressure Sodium or Metal Halide must be provided by the Customer for installation on the Company's facilities. Fixtures shall be accepted by the Company in advance of installation and must be compatible with existing line voltage, brackets and photoelectric controls, and must require no special tools or training to install and maintain.

Customers who are replacing existing fixtures with these technologies are responsible for the cost of removal and installation. Customers may choose to have this work completed by the Company or may opt to hire and pay a private line contractor to perform the work. Any private contractor shall have all the requisite training, certifications and insurance to safely perform the required installations, and shall be licensed by the State and accepted by the Company. Prior to commencement of work, the municipality must provide written certification of the qualifications to the Company. Contractors shall coordinate the installation work with the Company and submit a work plan subject to approval by the Company. The Customer shall bear all expenses related to the use of such labor, including any expenses arising from damage to the Company's electrical system caused by the contractor's actions.

SERVICE AGREEMENT

The Customer shall sign a Service Agreement governing the contribution for the remaining unexpired life of the existing street lighting fixtures and brackets, the contribution for the installed cost of the new fixtures and brackets, and the conversion of existing fixtures.

SERVICE DURING THE CONVERSION PERIOD FROM RATE OL TO RATE EOL

Service under this rate shall be implemented on a prorated basis, according to the number of fixtures which have been converted. Therefore, during the conversion period a portion of the Customer's street and area lighting requirements may be served under Outdoor Lighting Delivery Service Rate OL for those fixtures which have not yet been converted under this Rate.

MONTHLY RATES

Energy Charge:

charges Issued:

Per Kilowatt-Hour Regulatory Reconciliation Adjustment......(0.051)¢ In addition to the energy charges above, Customers shall be assessed the monthly Distribution Rates shown below. The energy charge shall be applied to the monthly kilowatthours specified below for the applicable fixture and service option. For outdoor lighting August 13, 2021 Issued by: /s/ Joseph A. Purington Joseph A. Purington

President, NH Electric Operations Effective: August 1, 2021 Title:

which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatthours used for billing purposes shall be the amount specified for the calendar month in which the later meter read date occurred for service rendered under the metered Rate Schedule.

<u>All-Night Service Option</u>: The monthly kilowatt-hours and distribution rates for each fixture served under the all-night service option are shown below.

Lamp No														
Light	Power													Monthly
Output	Rating						<u>WH p</u>	er Fix						Distribution
<u>Lumens</u>	<u>Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	Rate
High Pre	ssure Sc	dium:												
4,000	50	24	20	20	17	15	13	14	16	18	22	23	25	\$6.34
5,800	70	36	30	30	25	22	20	21	24	27	32	35	37	6.65
9,500	100	53	44	43	36	33	29	31	36	40	47	51	55	7.07
16,000	150	80	66	65	54	49	43	47	53	60	70	75	82	7.73
30,000	250	128	107	104	87	78	70	76	86	96	114	122	132	8.95
50,000	400	196	163	159	133	120	107	116	132	147	173	186	202	10.66
130,000	1,000	462	384	375	314	282	252	272	310	347	408	438	475	17.33
Metal Ha	alide:													
5,000	70	37	31	30	25	23	20	22	25	28	33	35	38	\$6.67
8,000	100	51	42	41	35	31	28	30	34	38	45	48	53	7.01
13,000	150	80	66	65	54	49	44	47	54	60	71	76	82	7.74
13,500	175	87	72	71	59	53	47	51	58	65	77	82	89	7.91
20,000	250	121	101	98	82	74	66	71	81	91	107	115	125	8.78
36,000	400	190	158	154	129	116	104	112	127	142	167	180	195	10.49
100,000	1,000	455	378	369	309	278	248	268	306	341	402	431	468	17.15

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	Watt
Monthly Distribution Rates	\$3.23	\$0.01058

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows:

	T	otal Fi	ixture `	Wattag	ge divid	led by	1,000	times	the mo	onthly	hours of	operation below
					Mo	nthly 1	Hours	of Ope	eration	L		
	<u>Jan</u>	<u>Feb</u>	Mar	<u>_</u> <u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>
	421	350	342	286	257	230	248	283	316	372	399	433
Issu	ed:	Aug	ust 13, 2	2021				Issu	ed by:		/s/ Jose	eph A. Purington
		Ü							-		Jose	eph A. Purington
Effe	ective:	Aug	ust 1, 20)21				Titl	e:	Pre	esident, N	H Electric Operations

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Midnight Service Option:

The monthly kilowatt-hours and distribution rates for each fixture served under the midnight service option are shown below.

Lamp No	<u>ominal</u>													
Light	Power													Monthly
Output	Rating]	Montl	ıly K	WH p	er Fix	ture					Distribution
<u>Lumens</u>	<u>Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>	Rate
High Pre														
4,000	50	12	10	9	7	6	5	6	7	8	10	12	13	\$6.34
5,800	70	18	15	13	10	9	8	8	10	12	15	19	20	6.65
9,500	100	27	22	19	15	13	12	12	15	18	22	27	29	7.07
16,000	150	40	33	28	23	20	17	18	22	26	32	40	43	7.73
30,000	250	65	54	46	37	32	28	30	36	42	52	66	69	8.95
50,000	400	100	82	70	56	50	43	45	54	64	79	100	106	10.66
130,000	1,000	234	192	165	132	116	100	106	127	151	186	235	248	17.33
Metal Ha	ılide:													
5,000	70	19	16	13	11	9	8	9	10	12	15	19	20	\$6.67
8,000	100	26	21	18	15	13	11	12	14	17	21	26	27	7.01
13,000	150	41	33	29	23	20	17	18	22	26	32	41	43	7.74
13,500	175	44	36	31	25	22	19	20	24	28	35	44	47	7.91
20,000	250	61	50	43	35	31	26	28	33	40	49	62	65	8.78
36,000	400	96	79	67	54	48	41	44	52	62	76	96	102	10.49
100,000	1,000	230	189	162	130	114	98	105	125	149	184	231	244	17.15

LED's and other technologies accepted by the Company:

	Per	Per
	<u>Fixture</u>	Watt
Monthly Distribution Rates	\$3.23	\$0.01058

Monthly KWH per Fixture will be calculated to the nearest whole (1.0) KWH as follows: Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

Monthly Hours of Operation												
<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov	<u>Dec</u>	
213	175	150	120	106	91	97	116	138	170	214	226	

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			Douglas W. Foley
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USE OF ADVANCED CONTROLS

Where lighting controls that meet the current ANSI C12.20 standard have been installed that allow for variation from the Company's outdoor lighting hours schedule under All-Night Schedule or Midnight Schedule, the Customer must provide verification of such installation to the Company and a schedule indicating the expected average operating wattage of all lights subject to the Customer's control and operation. The expected average operating wattage of all lights the Customer provides will be applied and billed for all lights under this tariff. Upon installation and at any time thereafter, the Customer must also provide the Company access, either directly or indirectly, to the data from the Customer's control system in order for the Company to verify the measured energy use of the lighting systems and modify the billed usage as appropriate on a prospective basis. The Customer shall provide a report annually which provides actual monthly operating usage of such lighting systems.

The schedule of average operating wattage ratings for all lights may be revised once per year at the request of the Customer. However, it is the Customer's responsibility to immediately notify the Company of any planned or unplanned changes to its scheduled usage to allow for billing adjustments as may be needed.

The charge for the monthly kilowatt-hours shall be determined on the basis of the average operating wattage of the light sources resulting from installed control adjustments established at the beginning of the billing period multiplied by the monthly hours of the outdoor lighting hours schedule. The wattage ratings shall allow for the billing of kilowatt-hours according to the schedule submitted by the Customer to the Company and reflect any adjustments from the lighting control system including, but not limited to, fixture trimming, dimming, brightening, variable dimming, and multiple hourly schedules.

LEAP YEAR ADJUSTMENT TO ENERGY

During any leap year, the energy (Kilowatt-hour) usage during the month of February for all fixtures shall be increased by 3.4 percent for the purpose of determining total energy charges under this rate.

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MAINTENANCE

The Company shall exercise reasonable diligence to insure that all lamps are burning and shall make replacements promptly when notified of outages. However, the Company shall not be required to perform any replacements or maintenance except during regular working hours.

For high pressure sodium and metal halide fixtures, lamp replacement, maintenance and cleaning of lighting fixtures will normally be performed on a periodic basis in accordance with generally accepted utility practices and consistent with any manufacturer's recommendations.

For fixtures utilizing technologies other than high pressure sodium or metal halide, the Company will be responsible for correcting Company system voltage problems at no charge to the Customer. When the Company responds to a report of a non-working fixture not related to voltage, the Customer will be assessed a per-fixture per-visit charge to replace photoelectric controls or to remove an otherwise non-working fixture and return it to the Customer.

	Per-Fixture Per-Visit
Maintenance Charge	\$189.00 plus cost of materials

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Effective: January 1, 2021 Title: President, NH Electric Operations

MODIFICATION OF SERVICE OPTION

Municipal and state roadway lighting Customers may request a modification of service from the all-night service option to the midnight service option during the calendar months of January and February of each year, otherwise known as the open enrollment period. Requests received from municipal and state roadway lighting Customers after the open enrollment period shall be implemented during the subsequent open enrollment period, unless the Company determines that it is feasible and practicable to implement the request prior to the subsequent enrollment period. All other Customers may request a modification of service from the all-night service option to the midnight service option at any time. Customers requesting a modification of service from the all-night service option to the midnight service option are responsible to pay to the Company the installed cost of any additional equipment required to provide service under the midnight service option. The installed cost includes the cost of the additional equipment, labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, the Customer is responsible to pay to the Company the cost of any additional equipment required, including overheads. The Customer is responsible to pay such costs prior to the installation of the equipment.

Customers requesting a modification of service from the midnight service option to the all-night service option are responsible to pay to the Company the installation cost of the equipment required to provide service under the all-night service option. The installation cost includes the cost of labor, vehicles and overheads. The Customer is responsible to pay such costs prior to the installation of the equipment. If such a request is made concurrent with the Company's existing schedule for lamp replacement and maintenance, no additional costs are required to modify service from the midnight service option to the all-night service option.

The Company will utilize fixed price estimates per fixture for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per fixture each year based upon current costs. In the event traffic control is required during a modification of service option or for equipment repair, the Customer is responsible to coordinate and to provide traffic control and to pay all costs associated with traffic control. The scheduling of work associated with the modification of a service option will be made at the Company's discretion with consideration given to minimizing travel and set-up time.

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

No additional cost, other than a contribution for the installed cost of new fixtures and brackets as provided for herein, shall be assessed for fixtures and brackets which are attached to existing poles utilizing overhead secondary wiring. Any cost incurred in connection with the installation of lighting facilities which exceeds the cost of using existing poles with overhead secondary wiring shall be borne by the Customer.

Except for the excess costs of underground facilities to be apportioned as set forth in the provisions for underground electric distribution facilities specified in the Company's "Information and Requirements for Electric Service", any cost incurred in connection with the installation of poles, transformers, wiring, or any other facilities or equipment used exclusively for lighting purposes shall be borne by the Customer. In such cases, the Company shall credit the Customer with the portion, if any, of the

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estimated cost of such facilities which would normally be allocated to lighting purposes.

Any cost incurred in connection with new installations, or with the replacement or removal of existing fixtures and/or brackets shall be borne by the Customer. Such costs shall include the installed cost of the new fixtures and/or brackets in the case of new installations and replacements, and the cost of removal of the existing fixtures and/or brackets, less any salvage value of such fixtures and/or brackets which are removed from service.

In the case of new installations, extensions and replacements which make use of underground conductors for supply and distribution and/or of standards or poles employed exclusively for lighting purposes, the Company reserves the right to require the Customer to furnish, own, and maintain such underground supply and distribution facilities and/or the standards or poles.

If the Company's right under the preceding paragraph is exercised and the Company thereby is relieved of the cost of installing the customary overhead wires and appurtenances and the customary dual purpose poles, the Company shall:

- 1. pay to the Customer the sum of the following:
 - a. the estimated saving in investment to the Company represented by the estimated cost of the customary overhead wires and appurtenances;
 - b. such portion, if any, of the estimated cost to the Company of the customary dual purpose poles as would normally be allocated to lighting purposes;
- 2. have the right, without payment of any charge, to attach its wires, brackets, fixtures, transformers, and other equipment to the standards or poles owned by the Customer.

Should the standards or poles furnished, owned, and maintained by the Customer be located in a public highway, the Customer shall procure and furnish to the Company a license under the Public Laws of New Hampshire (R.S.A. Chapter 231) covering such interest as the Company may have in the standards or poles, including their wires, brackets, fixtures, transformers, and other equipment.

For outdoor area lighting installations, the Customer shall provide without expense or cost to the Company, all permits, consents, or easements necessary for the erection, maintenance, and operation of the Company's facilities, including the right to cut and trim trees and bushes wherever necessary; and the Company shall not be required to move its facilities to another location on the Customer's premises unless the Customer shall bear the cost thereof. The Company reserves the right to restrict such installations under this Rate to areas which are easily accessible by service truck.

All poles, wires, brackets, fixtures, transformers, and other equipment furnished by the Company shall be maintained by it and title to such shall in all cases remain vested in the Company.

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