

Attachment EAD-1 (Permanent)
UNMARKED COPIES OF PROPOSED TARIFF PAGES

NHPUC NO. 10 – ELECTRICITY DELIVERY
SUPERSEDING NHPUC NO. 9 – ELECTRICITY DELIVERY

NHPUC NO. 10 – ELECTRICITY DELIVERY

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

TARIFF FOR ELECTRIC DELIVERY SERVICE

in

Various towns and cities in New Hampshire,
served in whole or in part.

(For detailed description, see Service Area)

Issued: May 28, 2019

Issued by: /s/ William J. Quinlan
William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS

	<u>Page</u>
TERMS AND CONDITIONS FOR DELIVERY SERVICE	
1. Service Area	5
2. Definitions.....	7
3. General.....	9
4. Availability.....	10
5. Application, Contract and Commencement of Service.....	10
6. Selection of Supplier or Self-Supply Service by a Customer	11
7. Termination of Supplier Service or Self-Supply Service.....	12
8. Unauthorized Switching of Suppliers	12
9. Customer Request to Block Switching from Default Energy Service	12
10. Conditions of Delivery Service.....	12
11. Deposits, Payments, Refusal or Discontinuance of Service	13
12. Returned Payment Charge for Insufficient Funds.....	14
13. Failure of Payment Agent to Remit Payment.....	14
14. Refusal to Serve	14
15. Maximum Demand	14
16. Meters	15
17. Customer Use of Electricity.....	16
18. Compliance	16
19. Resale of Delivery Service.....	17
20. Company Property	17

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS (Continued)

	<u>Page</u>
21. Holidays	18
22. Conjunctional Service.....	18
23. Conditions Under Which This Tariff is Made Effective.....	19
24. Customer Choice of Rate	20
25. Statement by Agent.....	20
26. Third Party Claims and Non-Negligent Performance	20
27. Charges for Temporary Services.....	20
28. Underground Service	21
29. Diversion and Meter Tampering	21
30. Stranded Cost Recovery Charge	21
31. Transmission Cost Adjustment Mechanism.....	21B
32. System Benefits Charge	22
33. Distribution Recovery Adjustment Mechanism.....	22
34. Late Payment Charge	23
35. Loss of Service Investigation Charge.....	23
36. Rates for Purchases from Qualifying Facilities	24
37. Line Extensions.....	25
38. Interconnection Standards for Generating Facilities.....	30

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS (Continued)

	<u>Page</u>
TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS	
1. Obligations of Suppliers	31
2. Services and Schedule of Charges	32
(a) Customer Usage Data	32
(b) Interval Data Services.....	33
(c) Supplier Customer Service	35
(d) Billing and Payment Service	35
(e) Off-Cycle Meter Reading.....	36
3. Initiation and Termination of Supplier Service.....	36
(a) Initiation.....	36
(b) Termination	37
(c) Customer Moves.....	37
(d) Other.....	38
4. Exclusion of Supplier from Providing Service	38
5. Interruption, Disconnection and Refusal of Delivery Service	38
6. Metering.....	38
7. Determination of Hourly Loads for ISO-NE Reporting.....	39
8. Liability.....	40

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS (Continued)

	<u>Page</u>
DELIVERY SERVICE RATE SCHEDULES	
Residential Delivery Service Rate R.....	41
Residential Time-of-Day Delivery Service Rate R-OTOD	44
Residential Electric Assistance Program Rate EAP	48
General Delivery Service Rate G.....	50
General Time-of-Day Delivery Service Rate G-OTOD.....	54
Load Controlled Delivery Service Rate LCS	57
Primary General Delivery Service Rate GV	61
Large General Delivery Service Rate LG	66
Backup Delivery Service Rate B.....	70
Outdoor Lighting Delivery Service Rate OL	74
Energy Efficient Outdoor Lighting Delivery Service Rate EOL	80
ENERGY SERVICE RATE SCHEDULES	
Default Energy Service Rate DE.....	87
ENERGY EFFICIENCY PROGRAM	
Smart Start Rate SSP	88
Residential Energy Efficiency Loan Program.....	91

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TERMS AND CONDITIONS FOR DELIVERY SERVICE

1. Service Area

The territory authorized to be served by this Company and to which this Tariff applies is as follows:

Albany#	Bridgewater#	Danbury#	Freedom#
Alexandria*	Bristol#	Danville**	Fremont#
Allenstown#	Brookfield#	Deerfield*	Gilford#
Alstead**	Brookline	Deering	Gilmanton
Alton**	Cambridge	Derry#	Gilsum
Amherst	Campton*	Dover	Goffstown
Andover**	Candia*	Dublin	Gorham
Antrim	Canterbury*	Dummer	Goshen*
Ashland**	Carroll	Dunbarton#	Grafton#
Atkinson*	Charlestown*	Durham#	Grantham#
Auburn#	Chatham	Easton*	Greenfield
Barnstead*	Chester*	Eaton#	Greenland
Barrington	Chesterfield	Effingham	Greenville
Bath#	Chichester*	Enfield**	Green's Grant
Bedford	Claremont#	Epping#	Hampstead#
Belmont#	Clarksville*	Epsom*	Hampton**
Bennington	Colebrook*	Errol	Hancock
Berlin	Columbia*	Exeter**	Hanover**
Bethlehem#	Concord**	Farmington#	Harrisville
Boscawen**	Conway*	Fitzwilliam	Haverhill*
Bow**	Cornish*	Francestown	Hebron#
Bradford	Croydon#	Franconia	Henniker
Brentwood*	Dalton	Franklin#	Hill**

Company serves over 90 percent of the customers in this municipality. (See Note)

* Company serves less than 90 percent but more than 10 percent of the customers in this municipality. (See Note)

** Company serves less than 10 percent of the customers in this municipality. (See Note)

Note: Limited areas of towns so identified above are as shown on the maps filed separately with the Commission and incorporated in this Tariff by reference.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Hillsborough	Meredith**	Pembroke#	Stratford
Hinsdale	Merrimack	Peterborough	Stratham**
Hollis	Middleton	Piermont*	Sugar Hill
Hooksett	Milan	Pinkham's Grant	Sullivan
Hopkinton#	Millsfield	Pittsburg#	Sunapee*
Hudson	Milford	Pittsfield#	Surry#
Jaffrey	Milton	Plainfield*	Sutton#
Jefferson	Mont Vernon	Plymouth**	Swansey
Keene	Nashua	Portsmouth	Tamworth#
Laconia#	Nelson	Randolph	Temple
Lancaster	New Boston	Raymond*	Thornton
Landaff*	New Castle	Richmond	Tilton
Lee*	New Durham*	Rindge	Tuftonboro*
Lempster**	New Hampton*	Rochester	Troy
Lincoln**	New Ipswich	Rollinsford	Unity*
Lisbon#	New London	Roxbury	Wakefield#
Litchfield	Newbury	Rye	Warner
Littleton**	Newfields	Salisbury*	Washington
Londonderry	Newington	Sanbornton#	Waterville**
Loudon	Newmarket	Sandown*	Weare
Lyman#	Newport#	Sandwich*	Webster*
Lyme*	North Hampton	Seabrook**	Wentworth's
Lyndeboro	Northfield*	Sharon	Location
Madbury	Northumberland	Shelburne	Westmoreland
Madison#	Northwood#	Somersworth	Whitefield
Manchester	Nottingham*	Springfield*	Wilmot**
Marlboro	Orange**	Stark	Wilton
Marlow#	Orford*	Stewartstown*	Winchester
Martin's Location	Ossipee*	Stoddard	Windham#
Mason	Pelham**	Strafford	Windsor

Company serves over 90 percent of the customers in this municipality. (See Note)

* Company serves less than 90 percent but more than 10 percent of the customers in this municipality. (See Note)

** Company serves less than 10 percent of the customers in this municipality. (See Note)

Note: Limited areas of towns so identified above are as shown on the maps filed separately with the Commission and incorporated in this Tariff by reference.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

2. Definitions

The following words and terms shall be understood to have the following meanings when used in this Tariff, including in any agreements entered into under this Tariff:

Application: A request by a Customer for Delivery Service pursuant to the provisions of this Tariff.

Commission: The State of New Hampshire Public Utilities Commission.

Company: Public Service Company of New Hampshire dba Eversource Energy.

Customer: Any person, firm, corporation, cooperative marketing association, utility or government unit or sub-division of a municipality or of the state or nation supplied with Delivery Service by the Company. Each Delivery Service account shall be considered a separate and distinct Customer.

Customer Choice Date: May 1, 2001.

Default: A Supplier's or its Market Participant member's failure or inability to maintain good standing with ISO-NE pursuant to the terms of ISO-NE Inc. Transmission, Markets, and Service Tariff, including a Financial Assurance Default, or the Supplier's or Market Participant member's failure or inability to maintain good standing with the requirements of the Commission.

Default Energy Service ("Default Service"): Electric energy, capacity and ancillary services supplied to a Customer by the Company. Service shall be supplied during periods in which a Customer is not receiving Self-Supply Service or Supplier Service. Default Service shall be provided in accordance with Default Energy Service Rate DE and shall be provided in conjunction with the applicable Delivery Service Rate Schedule.

Delivery Service: The delivery of electric power by the Company to a Customer under this Tariff.

Electronic Enrollment: A request submitted electronically to the Company by a Supplier for the initiation of Supplier Service to a Customer.

Energy Service Provider ("Supplier"): Any entity registered with the Commission and authorized by the Commission to supply electricity to retail users of electricity in the state of New Hampshire.

Eversource Energy System Companies: The operating companies of Eversource Energy other than Public Service Company of New Hampshire.

FERC: The Federal Energy Regulatory Commission.

Financial Assurance Default: A Supplier's or its Market Participant member's failure or inability to meet financial requirements as determined by ISO-NE.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Force Majeure: Any cause beyond the reasonable control of, and without the fault or negligence of, the Party claiming Force Majeure. It shall include, without limitation, sabotage, strikes or other labor difficulties, soil conditions, riots or civil disturbance, acts of God, acts of public enemy, drought, earthquake, flood, explosion, fire, lightning, landslide, sun storms or similarly cataclysmic occurrence, or appropriation or diversion of electricity by sale or order of any governmental authority having jurisdiction thereof. Economic hardship of either Party shall not constitute a Force Majeure under this Tariff.

Information and Requirements for Electric Supply: The booklet prepared by the Company to establish standardized rules and regulations for the installation of electric service connections within the Company's Service Area.

ISO-NE: The Independent System Operator of New England, the NEPOOL operating center that centrally dispatches the electric generating and transmission facilities owned or controlled by NEPOOL participants to achieve the objectives of the NEPOOL Agreement.

ISO-NE Rules: The Restated NEPOOL Agreement, ISO Tariff, ISO Manual and Participant's Agreement or by ISO-NE.

Local Network: The transmission and distribution facilities which are owned, leased and maintained by the Company, which are located in the states of New Hampshire and Maine and that are used to provide Delivery Service under this Tariff. The Local Network does not include any capacity or transmission or distribution facilities owned, leased or supported by the Eversource Energy System Companies.

Market Participant: An entity that has registered with ISO-NE to participate in New England's suite of wholesale electricity markets. They may produce, buy, sell, or transport wholesale electricity in the region.

Metering Domain: Connection points created within the ISO-NE settlement power system model that facilitate the calculation of the unmetered load asset value to ensure all generation and load is accounted for in the New England control area.

NEPOOL: The New England Power Pool.

Parties or Party: The Company and/or one or more Customers under this Tariff.

Payment Agent: Any third-party authorized by a Customer to receive and pay the bills rendered by the Company for service under this Tariff.

PTF Facilities: All pool transmission facilities included in the NEPOOL Open Access Transmission Tariff on file with the FERC.

Rate Schedule: The Rate Schedules included as part of this Tariff.

Restated NEPOOL Agreement ("NEPOOL Agreement"): An agreement between the NEPOOL participants dated September 1, 1971 and restated December 31, 1996, as amended from time to time.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Self-Supply Service: Electric energy and capacity purchased by a Customer directly from the Independent System Operator of New England or the New England Power Pool.

Settlement Agreement: The 2015 Public Service Company of New Hampshire Restructuring and Rate Stabilization Agreement as approved by the Commission in Order No. 25,920.

Supplier-Rendered Energy Service (“Supplier Service”): The sale of energy and capacity including ancillary services to a Customer by a Supplier.

Suspension or Suspended: An action taken by ISO-NE to remove a Supplier, or its Market Participant member, from active Market Participant status.

Tariff: This Delivery Service Tariff and all Rate Schedules, appendices and exhibits to such Tariff.

3. General

The Company undertakes to render dependable Delivery Service in accordance with this Tariff, of which these Terms and Conditions are a part, as on file from time to time with the Commission and legally in effect; such undertaking being subject to the applicable rules and regulations of the Commission and to the Company's “Information and Requirements for Electric Supply.”

Although the Company will endeavor to make the service rendered as continuous and uninterrupted as it reasonably can, Delivery Service is subject to variations in its characteristics and/or interruptions to its continuity. Therefore, the characteristics of the Delivery Service may be varied and/or such service to any Customer or Customers may be interrupted, curtailed, or suspended in the following described circumstances; the obligations of the Company to render service under this Tariff are subject to such variance, interruption, curtailment, or suspension:

- (a) When necessary to prevent injury to persons or damage to property.
- (b) When necessary to permit the Company to make repairs to or changes and improvements in a part or parts of the Company's electrical facilities; such action to be taken upon reasonable notice to the Customers to be affected, if practicable, or without any notice in an emergency when such notification would be impracticable or would prolong a dangerous situation.
- (c) When conditions in a part or parts of the interconnected generation-transmission system of which the Company's facilities are a part make it appear necessary for the common good.
- (d) When such variance, including a reversal of supply, or such interruption, curtailment or suspension is a result of Force Majeure as defined in this Tariff and any cause except willful default or neglect on the Company's part.

The Company shall not be responsible for any loss, cost, damage or expense to persons and/or property resulting therefrom.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

The Company does not undertake to regulate the voltage or frequency of its service more closely than is standard commercial practice or required by the rules of the Commission. If the Customer requires regulation of voltage or frequency that is more refined, the Customer shall furnish, install, maintain and operate the necessary apparatus at the Customer's expense.

4. Availability

Delivery Service shall be available to a Customer who has made an Application and has satisfied all of the requirements of this Tariff. Delivery Service shall be available solely for the delivery of electricity from a Supplier to a Customer or for the delivery of Default Service or Self-Supply Service to a Customer.

In the event that a conflict arises between this Tariff and the Terms and Conditions specifically related to transmission service under the ISO-NE Transmission, Markets, and Services Tariff ("ISO-NE Tariff"), including Schedule 21-ES, or successor thereto, then such ISO-NE Tariff will apply.

In the event a conflict arises between this Tariff and the Settlement Agreement, then the Settlement Agreement will take precedence over this Tariff.

In the event that a Customer is not receiving Self-Supply Service and is not receiving Supplier Service from a Supplier for any reason, the Company will arrange Default Service provided the Customer has satisfied all the requirements for service under this Tariff.

5. Application, Contract and Commencement of Service

Application by the Customer for Delivery Service may be made to the Company at any time. Whether or not an Application for service is made by the Customer and accepted by the Company, the rendering of the service by the Company and its use by the Customer shall be deemed a contract between the parties and subject to all provisions of the Tariff, as in effect from time to time, applicable to the service.

Except as otherwise specifically provided for under a rate, all rates are predicated on a period of service at one location of not less than twelve (12) consecutive months with monthly billing and monthly payment. The rendering of bills to Customers under this Tariff shall be performed exclusively by the Company.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

6. Selection of Supplier or Self-Supply Service by a Customer

Any Customer requesting or receiving Delivery Service under this Tariff is responsible for selecting or changing a Supplier or selecting Self-Supply Service. The Company shall process a change in or initiation of Supplier Service or Self-Supply Service within two business days of receiving a valid Electronic Enrollment from a Supplier or notice from the Customer in the case of Self-Supply Service. The Supplier or the Customer in the case of Self-Supply Service must satisfy all the applicable requirements of this Tariff and the Commission's rules prior to the commencement of Supplier Service or Self-Supply Service. The date of change in, or initiation of, Supplier Service or Self-Supply Service shall commence upon the next meter reading date for the Customer provided the Company receives and successfully processes the Electronic Enrollment from a Supplier or notice from the Customer in the case of Self-Supply Service at least two business days prior to the regularly scheduled meter reading cycle date for the Customer.

The Company shall accept no more than one Supplier for a Customer during any particular monthly billing cycle.

For a new service location for which a Customer requests Delivery Service, the Company must receive an Electronic Enrollment from a Supplier to enable the rendering of Supplier Service in conjunction with Delivery Service or notice from the Customer to enable the rendering of Self-Supply Service in conjunction with Delivery Service. If an Electronic Enrollment has not been received by the Company from a Supplier for any reason or notice has not been received from the Customer to enable the rendering of Self-Supply Service, energy and capacity shall be provided under Default Energy Service.

If an Electronic Enrollment fails to meet the requirements of this Tariff, the Company shall, within one business day of receipt of the Electronic Enrollment, notify the Supplier requesting service of the reasons for such failure.

The Customer or its designee shall ensure that all information provided to the Company for Delivery Service is accurate and shall provide the Company with prompt notification of any changes thereto. The Customer's Supplier shall also ensure that all information contained in the Supplier's Electronic Enrollment is accurate and shall provide the Company with prompt notification of any changes thereto.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

7. Termination of Supplier Service or Self-Supply Service

To terminate Supplier Service from a particular Supplier, a Customer may either have the Supplier of record send to the Company a "Supplier Drops Customer" transaction, in accordance with the Terms and Conditions for Energy Service Providers section of this Tariff, or request Supplier Service from an alternative Supplier. Supplier Service from the Supplier of record shall terminate on the next meter read date provided the Company has received either a valid "Supplier Drops Customer" notice from the Supplier of record or a valid Electronic Enrollment from a new Supplier at least two business days prior to the regularly scheduled meter read date.

To terminate Self-Supply Service, a Customer may either provide notice to the Company or request Supplier Service from a Supplier. Self-Supply Service shall terminate on the next meter read date provided the Company has received notice from the Customer or has received a valid Electronic Enrollment from a Supplier at least two business days prior to the regularly scheduled meter read date.

8. Unauthorized Switching of Suppliers

The Company is not responsible for any loss or damage (direct, indirect or consequential) to any persons resulting from the Company's processing of an unauthorized Electronic Enrollment received from a Supplier.

9. Customer Request to Block Switching from Default Energy Service to Supplier Service

Customers receiving service under Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G or General Time-of-Day Rate G-OTOD and energy service under Default Energy Service Rate DE may request that the Company block Electronic Enrollments from Suppliers. Such a block will take effect and will terminate upon a Customer's notification to the Company's customer service center.

10. Conditions of Delivery Service

Under the NEPOOL Agreement, the day-to-day operation of the generation and transmission systems of NEPOOL Participants, including the Company, is subject to ISO-NE dispatch and control. It is understood that occasions may arise where ISO-NE imposes limitations on service rendered under this Tariff in order to reliably operate the regional bulk power system in accordance with ISO-NE Operating Procedures. The Company shall not be liable for any actions taken by ISO-NE in the performance of the Company's duties under the NEPOOL Agreement and related operating guidelines and procedures.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

11. Deposits, Payments, Refusal or Discontinuance of Service

Until a Customer has established satisfactory credit relations or when unsatisfactory credit relations exist, the Company may require security in the form of a cash deposit or an irrevocable written guarantee of a responsible third party. Cash deposits should not be less than \$10.00 nor more than the estimated bill for Delivery Service and Default Service for a period of two (2) high use months. The highest use month will not be used in determining the amount of deposit.

Interest on all deposits shall be accrued at a rate equal to the base rate on corporate loans at large United States money center commercial banks (the Prime Rate), from the date of deposit to the date of termination. The monthly simple interest rate on deposits shall be fixed on a quarterly basis for quarterly periods ending March, June, September and December of each calendar year and shall be established as one-twelfth (1/12) of the annual Prime Rate reported in The Wall Street Journal on the first business day of the month preceding the calendar quarter. If more than one Prime Rate is reported in The Wall Street Journal, the average of the reported rates shall be used. Deposits plus accrued simple interest thereon, less any amount due the Company, will be refunded to the Customer when satisfactory credit relations have been established, or upon termination of service. The refund of accrued interest amounts shall be made by the Company pursuant to the rules of the Commission. When a deposit or balance of a deposit cannot be refunded because the Company is unable to locate the Customer, no additional interest shall be accrued on the deposit.

Charges for service under rates in this Tariff are predicated upon monthly billing, which as far as practicable will be thirty (30) days apart, and will be due upon presentation of bill. The Company may discontinue service for non-payment after a bill, or a portion thereof, becomes thirty (30) days overdue, or for other good cause, in accordance with applicable statutes and the rules and regulations of the Commission in effect at the time. Service to the Customer may be discontinued at the location where the Company furnished the service for which the overdue bill was rendered; or, if service is no longer being furnished to the Customer at that location, the Company may discontinue service at the current location, if the debt is uncontested and accrued within the past three years, subject to the Commission's Rules and Regulations.

When service has been disconnected for nonpayment, the Company may make a reasonable charge for reconnection before service is restored.

Except as otherwise specifically provided in any agreement between the Company and the Customer, charges for service furnished under this Tariff shall continue until such time as the Company shall receive reasonable notice from the Customer of a desire to terminate the service. The date of termination shall be the date specified by the Customer but not sooner than four business days from the date the Customer notified the Company.

The Company may require an applicant, as a condition of new service, to enter into a reasonable repayment plan for an uncontested debt owed to the Company within the past three years. Uncontested debt shall include any amounts for services provided by the Company before the Customer Choice Date and/or any amounts for Delivery Service and any Default Service furnished to the applicant. The Company may require the applicant to pay a security deposit or provide a written third-party guarantee as allowed under the rules and regulations of the Commission.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

12. Returned Payment Charge for Insufficient Funds

The Company shall assess a returned payment charge of \$13 per returned payment to any Customer whose payment to the Company is dishonored by the Customer's financial institution when presented by the Company. Receipt of a check or payment instrument that is subsequently dishonored by the Customer's financial institution shall not be considered a valid payment.

13. Failure of Payment Agent to Remit Payment

A Customer who has elected to use a Payment Agent shall be treated in the same manner as other Customers in the Company's application of the applicable statutes, rules and regulations of the Commission and the terms and conditions of this Tariff, notwithstanding any failure of the Payment Agent to remit payment to the Company or any failure of the Payment Agent to forward to the Customer any Company notices, bill inserts or other written correspondence. The Customer shall be solely responsible for all amounts due, including, but not limited to, any late payment charges.

14. Refusal to Serve

The Company reserves the right to refuse to supply Delivery Service to new Customers or to supply additional load to any existing Customer if it is unable to do so under a Rate Schedule or if it is unable to obtain the necessary equipment and facilities or capital required for the furnishing of such service. The Company may refuse to supply Delivery Service to load of unusual characteristics which might affect the cost or quality of service supplied to other Customers of the Company. The Company may require a Customer having such unusual load to install special regulating and protective equipment in accordance with the Company's specifications as a condition of service.

The Company reserves the right to reject any Application for service if the amount or nature of the service applied for, or the distance of the premises to be served from an existing suitable distribution line, or the difficulty of access thereto, is such that the estimated income from the service applied for is insufficient, under any of the Company's applicable rates, to yield a reasonable return to the Company, unless such Application is accompanied by (a) a cash payment or (b) an undertaking satisfactory to the Company guaranteeing a stipulated revenue for a definite period of time, or both (a) and (b).

15. Maximum Demand

The "Maximum Demand" or "Customer's Load," which shall be stated in kilowatts or kilovolt-amperes as specified in the applicable Rate Schedule, is defined as the greatest rate of taking Delivery Service during a specified interval.

Where a Rate Schedule requires determination of maximum demand, it shall be determined by measurement or estimated as provided by the Rate Schedule or, where applicable, by the provisions of the following paragraph of this section. The Company shall not be obligated, for any reason, to use the demand values measured or estimated by any other entity in the determination of maximum demand.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

When the nature of the Customer's load is of an intermittent, instantaneous or widely fluctuating character such as to render demand meter readings of doubtful value as compared to the actual capacity requirements, the demand may be determined on the basis of a time interval less than that specified, or on the basis of the minimum transformer capacity necessary to render the Delivery Service, or the minimum protective device rating necessary to permit continuous uninterrupted service. In all such instances, the Company will record the basis of demand determination.

16. Meters

The Company will provide each Customer with proper metering equipment subject to the ability of the Company to obtain the same.

The Company shall own and maintain the metering equipment necessary to measure Delivery Service under this Tariff. Each meter location shall be designated by the Company and the Company shall have priority over any other entity with respect to placement of Company-owned metering equipment.

Any Customer requesting non-standard metering equipment, the cost of which exceeds the cost of the metering equipment necessary for the rendering of Delivery Service under the applicable Rate Schedule, shall be responsible for the additional cost of the requested metering equipment including any incremental labor costs associated with installation of the requested metering equipment. Any such metering equipment must be approved by the Company.

Each unit of a new or renovated domestic structure with more than one dwelling unit will be metered separately and each meter will be billed as an individual customer. Where an individual household or business enterprise, occupation or institution occupies more than one unit of space, each unit will be metered separately and considered a distinct Customer, unless the Customer furnishes, owns and maintains the necessary distribution circuits by which to connect the different units to permit delivery and metering at one location of all the energy used.

The Company may for its own convenience install more than one meter per Customer, but in such cases the meter readings will be cumulated when billing.

In cases of non-access or where a meter fails to register the full amount of electricity consumed, the amount of the bill will be estimated by the Company, based upon the use recorded during previous months, or upon the best information available.

The Company may estimate, rather than meter, demand and kilowatt-hours used by a Customer where the demand and kilowatt-hour usage are constant and known or for locations which, in the Company's judgment, are unsafe or impractical to separately meter or to access on a regular basis by Company personnel.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

17. Customer Use of Electricity

In recognition of the fact that the wiring and facilities for the use of electricity on the Customer's premises are owned by and under the control of the Customer, the Company shall not be responsible for any loss, cost, damage, or expense to persons and/or property resulting from the use of or presence in the Customer's wiring or appliances, electricity delivered in accordance with the provisions of these Terms and Conditions and the Company's "Information and Requirements for Electric Supply".

If the Customer's requirements for electricity or use of service, or installation of Customer-owned equipment (including but not limited to motors, generation, meters, or capacitors) results in or is anticipated to result in damage to the Company's apparatus or facilities or electrical disturbances to other customers on the Company's distribution system, the Customer shall be responsible for the cost to the Company of repairing, replacing or upgrading the Company's facilities. If the Customer fails to correct for the interference with the operation of the Company's distribution system or with the electrical supply to other Customers, the Company reserves the right to refuse service or to disconnect service upon proper notice.

18. Compliance

Service hereunder is subject to the Customer's compliance with the following conditions:

- (a) The Customer shall comply with or perform all of the requirements or obligations of this Tariff and the Company's "Information and Requirements for Electric Supply".
- (b) The Customer shall allow the Company reasonable access to the Company's facilities located on the Customer's premises.
- (c) The Customer shall comply with any applicable orders and regulations of the Commission.
- (d) The Customer shall not cause or allow to exist any unauthorized or fraudulent use or procurement of the Delivery Service or any tampering with the connections or other equipment of the Company, or any condition on the Customer's premises involving the Delivery Service which is dangerous to health, safety or the electric service of others or which represents a clear and present danger to life, health, or physical property, or to the Company's ability to serve its other Customers.
- (e) The Customer shall notify the Company when the Customer no longer desires Delivery Service.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

19. Resale of Delivery Service

No customer shall sell, resell, assign or otherwise dispose of all or any part of the Delivery Service purchased from the Company without the written consent of the Company. The sale of electric vehicle charging services electricity to a third party from an electric vehicle charging station shall not be considered resale of electricity.

20. Company Property

The Company shall have the right to install, maintain and operate such Company-owned facilities on the premises of the Customer as in its judgment may be required to render Delivery Service to the Customer in accordance with this Tariff, whether such facilities shall be overhead or underground and whether the premises of the Customer are owned or leased to the Customer, and shall have the free right at all reasonable times to enter upon said premises for the purpose of maintaining, repairing, replacing or removing such facilities. Normally such facilities will consist of, but they shall not be limited to, overhead or underground service wires or cables extending to a Company-owned meter or meters and associated equipment.

Customer must provide, without expense or cost to the Company, the necessary permits, consents or easements satisfactory to the Company in order to install, maintain, repair, replace, or remove the Company's facilities on the Customer's property or property owned by others on which facilities are placed to serve the Customer.

If the Customer is a tenant or a mortgagor and his right of occupancy does not include authority to grant the Company the foregoing rights, he shall obtain his landlord's or his mortgagee's authority to grant the foregoing rights, and the Company may require that such authority be evidenced in writing by the landlord or mortgagee.

In the case of underground facilities, the Customer shall not erect or maintain or permit to be erected or maintained any building or structure over such facilities and shall not plant or permit to be planted any trees over such facilities.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

21. Holidays

The following New Hampshire legal holidays shall be recognized as holidays for purposes of billing service in off-peak periods:

<u>Holiday</u>	<u>Day Celebrated</u>
*New Year's Day	January 1st
Martin Luther King, Jr. Civil Rights Day	Third Monday in January
Washington's Birthday	Third Monday in February
Memorial Day	Last Monday in May
*Independence Day	July 4th
Labor Day	First Monday in September
Columbus Day	Second Monday in October
*Veterans Day	November 11th
Thanksgiving Day	When appointed
*Christmas	December 25th

* If these days fall on Sunday, the following day shall be considered the holiday.

22. Conjunctional Service

Conjunctional Service is a Customer's use of Delivery Service under this Tariff for delivery of either Supplier Service or Default Service which supplements or is in addition to any other source of electric service connected on the Customer's side of the meter. Conjunctional Service must be taken in accordance with the Company's "Information and Requirements for Electric Supply" and the Company's technical guidelines and requirements pertaining to Qualifying Facilities ("QFs", as defined in Sections 201 and 210 of Title II of the Public Utility Regulatory Policies Act of 1978) filed with the Commission in compliance with Commission Order No. 14,797. Conjunctional service is available to QFs and to other Customers who are not QFs who have available another source of electric service connected on the Customer's side of the meter.

All Conjunctional Service furnished by the Company to Customers under this Tariff shall be taken by the Customers under the Rate Schedule which would otherwise be available for Delivery Service applicable to the total internal load of the Customer.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

23. Conditions Under Which This Tariff is Made Effective

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

24. Customer Choice of Rate

Upon a Customer's request, the Company shall provide information as to what may be the most advantageous rates and charges available to the Customer under this Tariff. However, the responsibility for the selection of a rate lies with the Customer and the Company does not warrant or represent in any way that a Customer will save money by taking service under a particular rate. The Company will not be liable for any claim that service provided to a Customer might have been less expensive or more advantageous to such Customer if supplied under another available rate.

25. Statement by Agent

No representative of the Company or Eversource Energy System Companies has the authority to modify any rule, provision or rate contained in this Tariff, or bind the Company for any promise or representation contrary thereto.

26. Third Party Claims and Non-Negligent Performance

Each Party agrees to indemnify and hold the other Party and its affiliated companies and the trustees, directors, officers, employees, and agents of each of them (collectively "Affiliates") harmless from and against any and all damages, costs (including attorneys' fees), fines, penalties, and liabilities, in tort, contract, or otherwise (collectively "Liabilities") resulting from claims of third parties arising, or claimed to have arisen, from the acts or omissions of such Party in connection with this Tariff. Each Party hereby waives recourse against the other Party and its Affiliates for, and releases the other Party and its Affiliates from, any and all Liabilities for or arising from damage to its property due to a non-negligent performance by such other Party.

27. Charges for Temporary Services

The Company shall have the right to charge the Customer for the total cost incurred in constructing and removing temporary services at locations under construction where the temporary service will not be converted to a permanent service. Such costs shall include the costs of labor, overheads and all materials except for the costs of transformers and meters. The Company shall not charge for the construction and removal of such temporary service whenever the temporary service is to be replaced at approximately the same location with a permanent service when construction is completed, provided that the permanent service is run from the same pole and utilizes the same material which was utilized for the temporary service.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

28. Underground Service

Underground electric distribution facilities will be provided by the Company, in accordance with the provisions of the Company's "Information and Requirements for Electric Supply" and this Tariff, when feasible and practicable and when consistent with the normal availability of Company personnel, the orderly scheduling of construction projects, and all as reasonably determined by the Company. Subject to the above-stated limitations on the availability of underground facilities, such facilities will be provided by the Company on a consistent and equitable basis to all who qualify.

29. Diversion and Metering Tampering

If a Customer receives unmetered service as the result of any tampering with a meter or other Company equipment, the Company may take appropriate immediate corrective action without notice to the Customer, including making changes to the meter or other equipment. In addition, the Customer shall be subject to a meter diversion charge of \$250, and may be required to reimburse the Company for lost revenue associated with the unmetered service, including late payment charges, damages to equipment, expenses incurred during the investigation, and may be subject to criminal prosecution.

30. Stranded Cost Recovery Charge

The Stranded Cost Recovery Charge (SCRC) is the portion of the unbundled retail delivery service bill that is a non-bypassable charge as provided by RSA 369-B:4, IV and RSA 374-F:3, XII to recover the portion of the Company's Part 1 and Part 2 Stranded Costs that are allowed by the Settlement Agreement. The SCRC include the RRB Charge defined in RSA Chapter 369-B, over-market or under-market IPP and Power Purchase Agreement costs, Non-Securitized Stranded Costs, and other costs and expenses allowed or as authorized by the Commission.

Part 1 of the SCRC is the RRB Charge, and is the source of payment for Rate Reduction Bonds issued pursuant to RSA Chapter 369-B. One or more special purpose financing entities shall own the right to receive all collections in respect to the Part 1 charge. The Company will collect the RRB Charge in Part 1 of the SCRC on behalf of such special purpose financing entities. The special purpose financing entities' ownership of the RRB Charge recovered via Part I of the SCRC will be reflected by an appropriate notation on customers' bills. Part 1 of the SCRC will be billed until the rate reduction bonds issued by the special purpose financing entities and all on-going RRB Costs are paid in full.

Part 1 of the SCRC shall be adjusted as necessary via the True-Up mechanism approved by the Commission in its Order No. 26,099 in Docket No. DE 17-096, and such changes in Part 1 shall become effective as set forth in that Order.

Part 2 will recover all other non-securitized stranded costs and charges as approved by the Commission and will continue for as long as there are such costs to be recovered by the Company.

The SCRC shall be non-bypassable per RSA 369-B:4, IV and RSA 374-F:3, XII, and shall be collected from each retail customer of the Company. If a retail customer located in the Company's service territory purchases or otherwise obtains retail electric service from any person other than the Company, including, without limitation, any successor referred to in RSA 369-B:8, the servicer or

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

such new electricity service provider or successor shall collect the SCRC, from the retail customer by or on behalf of the Company and remit those revenues to the Company as a condition to the provision of retail electric service to such retail customer. Any retail customer that fails to pay the SCRC shall be subject to disconnection of service to the same extent that such customer would, under applicable law and regulations, be subject to disconnection of service for failure to pay any other charge payable to the Company.

The revenue requirement necessary to recover all Part 1 and Part 2 stranded costs will be allocated among rate classes as follows:

Rate Class	Percentage of Total Revenue Requirement
Residential Service (R, R-OTOD)	48.75
General Service (G, G-OTOD)	25.00
Primary General Service (GV, B*)	20.00
Large General Service (LG, B**)	5.75
Outdoor Lighting Service (OL, EOL)	0.50

*Rate B customers who would qualify for Rate GV except for their own generation.

**Rate B customers who would qualify for Rate LG except for their own generation.

The actual SCRC will vary by the rate schedule, may vary by separately metered rate options contained in certain rate schedules, may vary by time of use, and may include demand- as well as kWh-based charges. The Company, every six months, shall compare the amount to be recovered through the SCRC, as defined under the Settlement Agreement with the revenue received from the billing of the SCRC. Any difference between the amount to be recovered by Part 2 of the SCRC during any six month period and the actual revenue received during that period shall be refunded or recovered by PSNH with a return during the subsequent six month period by reducing or increasing Part 2 of the SCRC for the subsequent six month period. The return will be calculated using the Stipulated Rate of Return set forth in the Settlement Agreement.

If any customer class is materially reduced or consolidated to zero, its applicable allocation factor will be reallocated on a pro-rata basis between remaining rate classes based on the then current allocation responsibility.

The SCRC also includes the Regional Greenhouse Gas Initiative ("RGGI") refund as required by RSA 125-O:23,II and Order No. 25,664 dated May 9, 2014, which directs the Company to refund RGGI auction revenue it receives to its Customers through the SCRC.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

The overall average SCRC by rate class and by component effective February 1, 2019 through July 31, 2019 are as follows:

Rate Class	Part 1 ¢/kWh	Part 2 ¢/kWh	RGGI ¢/kWh	Total ¢/kWh
Residential Service	0.948	0.574	-0.134	1.388
General Service	0.872	0.543	-0.134	1.281
Primary General Service	0.743	0.455	-0.134	1.064
Large General Service	0.258	0.162	-0.134	0.286
Outdoor Lighting Service	1.081	0.639	-0.134	1.586

31. Transmission Cost Adjustment Mechanism

The Transmission Cost Adjustment Mechanism ("TCAM") will recover, on a fully reconciling basis, the costs incurred by the Company for transmission related services. These costs include charges under the ISO-NE Tariff; charges billed to the Company by Other Transmission Providers; third party charges billed to the Company for transmission related

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

services such as 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; and transmission-based assessments or fees billed by or through regulatory agencies, including those associated with the ISO-NE, regional transmission organization (“RTO”) and the FERC. For purposes of this mechanism, “Other Transmission Providers” shall be defined as any transmission provider and any regional transmission group, an independent system operator, an RTO 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 TCAM rates shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any overrecovery or underrecovery occurring in the prior year. The Company may file to change the TCAM rates at any time if a significant overrecovery or underrecovery occurs. Interest on overrecoveries or underrecoveries shall be calculated at the prime rate.

Any changes to rates determined under the TCAM shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

32. System Benefits Charge

On and after the Customer Choice Date, and subject to Commission review, all Customers shall be obligated to pay the following System Benefits Charge in addition to all other applicable rates and charges under this Tariff. The System Benefits Charge shall appear separately on all Customer bills.

System Benefits Charge 0.586 cents per kilowatt-hour

33. Distribution Recovery Adjustment Mechanism

The Distribution Recovery Adjustment Mechanism (DRAM) will recover, on a fully reconciling basis, the cost incurred by the Company for certain distribution related services not being recovered through the Company’s base distribution rates, as approved by the Commission.

The DRAM shall be non-bypassable and established annually based on a forecast of includable costs and shall incorporate a full reconciliation with interest for any over-recovery or any under-recovery occurring in the prior year. The Company may file to change the DRAM at any time if a significant over-recovery or under-recovery occurs. Interest on over-recoveries or under-recoveries shall be calculated at the prime rate.

Any changes to rates shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

34. Late Payment Charge

The rates and charges billed under this Tariff are net, billed monthly and payable upon presentation of the bill. However, Customers who receive Delivery Service under Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G, or General Service Time-of-Day Rate G-OTOD may elect to pay for all service rendered under these rates, as well as Default Energy Service, on a Level Payment Plan available upon application to the Company.

For Customers rendered Delivery Service under Primary General Delivery Service Rate GV or Large General Delivery Service Rate LG or Backup Delivery Service Rate B, all amounts previously billed but remaining unpaid after the due date printed on the bill shall be subject to a late payment charge of one and one-half percent (1 ½ %) thereof, such amounts to include any prior unpaid late payment charges. For all other Customers, all amounts previously billed but remaining unpaid after the due date printed on the bill shall be subject to a late payment charge of one percent (1%) thereof, such amounts to include any prior unpaid late payment charges. The late payment charge is not applicable to a) residential Customers who are taking service under the statewide Electric Assistance Program (EAP) as approved by the Commission; b) residential Customers receiving protection from disconnection of service under any enhanced winter protection programs offered by the Company; c) residential Customers whose electric bill is paid on their behalf (whether in part or in whole) through the Low Income Home Energy Assistance Program (LIHEAP); and d) past due balances of Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G, General Service Time-of-Day Rate G-OTOD, Outdoor Lighting Rate OL, or Energy Efficient Outdoor Lighting Rate EOL Customers who are abiding by the terms of an extended payment arrangement agreed to by the Company.

35. Loss of Service Investigation Charge

For Customers rendered Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG or Backup Delivery Service Rate B:

If at the request of a Customer, the Company responds to investigate any loss of electric service at the Customer's premises, and finds the interruption of service has been caused by the Customer's equipment, the Company shall charge the Customer for the total cost incurred to investigate the loss of service.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

36. Rates for Purchases from Qualifying Facilities

Availability:

This short-term purchase arrangement shall be available to Qualifying Facilities (QFs) interconnected with the Company. Qualifying Facilities shall mean small power producers and cogenerators that meet the criteria specified by (i) FERC in 18 C.F.R. §§ 292.203 (a) and (b); or; (ii) the definition of "limited producer" or "limited electrical energy producer" in NHRSA 362-A:1-a and who meet the requirements of RSA 362-A:3, II.

Nothing shall prohibit the Company from separately contracting for generation purchases from QFs. Nothing herein shall be construed to affect, modify or amend terms and conditions of an existing Qualifying Facility's contract or rate order with respect to the sale of its energy or capacity.

Selling Options:

QFs may sell to the Company or wheel through the Company. All generation sold to the Company shall be resold at the ISO-NE market clearing price and subject to appropriate charges as if the power was wheeled through the Company and sold directly to ISO-NE.

Metering:

Generators selling to the Company shall install metering as specified by the Company to satisfy ISO-NE requirements as they may change from time to time. Projects shall be charged a standard monthly service fee for metering service as approved by the appropriate regulatory agency.

Net Metering:

Projects 1,000 kilowatts and under using renewable generation shall have the option of being served under the Net Energy Billing Service as specified by NH RSA 362-A:9 and the rules promulgated by the appropriate regulatory agency.

Projects receiving a utility net metering capacity allocation prior to March 2, 2017 and not in excess of the applicable net metering cap will continue to be billed and receive credit for their generation in accordance with RSA 362-A:9 and Puc 903.02(f) and Puc 903.02(g) (the "Standard Net Metering Tariff") through December 31, 2040.

Projects receiving a utility net metering capacity allocation beginning on March 2, 2017 and ending on August 31, 2017 and not in excess of the applicable net metering cap will continue to be billed and receive credit for their generation in accordance with the interim alternative net metering tariff adopted by the Commission in Order No. 25,972 (December 21, 2016) (the "Interim Net Metering Tariff") through December 31, 2040.

Projects receiving a utility net metering capacity allocation on or after September 1, 2017 will be billed and credited under the "Alternative Net Metering Tariff" provisions described below once the Company is capable of implementing these provisions. Until such time, customers will be billed and credited under the Standard Net Metering Tariff. Customers receiving a net metering capacity allocation while this Alternative Net Metering Tariff is in effect will be entitled to the net metering design and structure then in effect through December 31, 2040.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

1. Eligibility

A customer-generator whose facility has a total peak generating capacity less than or equal to 100 kilowatts is eligible to participate as a small customer-generator.

A customer-generator whose facility has a total peak generating capacity greater than 100 kilowatts up to and including 1,000 kilowatts is eligible to participate as a large customer-generator if they consume at least twenty percent (20%) of their actual or estimated annual system electric production on-site and behind the meter. Otherwise, the customer must register as a group host under RSA 362-A:9, XIV. A large customer-generator meeting the on-site consumption threshold may switch to the Alternative Net Metering Tariff upon written notice of such election to the Company.

2. Metering

The Company will install a bidirectional meter to record in separate channels the quantities of electric imports from the distribution utility grid and electric exports to the distribution utility grid over a billing period. At the time of interconnection, a customer may request, at no cost, installation of a Company-owned production meter. The Customer must provide and install an appropriate meter socket in a physical location acceptable to the Company.

3. Billing

Customers will be billed in accordance with the delivery and energy service rate schedules that would apply in the absence of generation, except as specifically provided otherwise hereunder.

During each billing period, credits for electricity exports will be issued in the form of monetary bill credits which will carry forward on a customer's account from month to month until used. Customers may receive a cash payment for any accumulated excess credit when they move or discontinue service, or on an annual basis if they have accumulated a credit balance in excess of \$100 as of the end of the March billing cycle.

Small customer-generators will be assessed the Stranded Cost Recovery Charge and System Benefits Charge based on the full amount of their electricity imports without any netting of exports during the billing period.

All other kilowatt-hour-based rate components will be assessed on the customer's net energy usage, which is the quantity of kilowatt-hours equal to electric imports minus electric exports (if positive).

If such net energy usage is less than zero, customers that receive Default Energy Service from the Company will receive a monetary bill credit for their net electric exports during each billing period calculated at twenty-five percent (25%) of any Distribution charges assessed on a per-kilowatt-hour basis; any Transmission charges assessed on a per-kilowatt-hour basis; and the Default Energy Service Rate.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

If net energy usage is less than zero, customers that do not receive Default Energy Service from the Company will receive a monetary bill credit for their net electric exports during each billing period calculated at twenty-five percent (25%) of any Distribution charges assessed on a per-kilowatt-hour basis; and any Transmission charges assessed on a per-kilowatt-hour basis.

Large customer-generators will be assessed all charges associated with their rate class based on the full amount of their electricity imports without any netting of exports during the billing period. Customers who receive Default Energy Service from the Company will receive a monetary bill credit for their electric exports during each billing period calculated at the Default Energy Service Rate.

For both Small and Large customer-generators, a competitive Energy Service Provider may determine the terms, conditions and prices under which it agrees to provide generation supply to and purchase net generation output from the customer-generator.

4. Grandfathering Provisions

Subsequent sales or other transfers of ownership of a net-metered system or the property upon which the system is located shall not impact the terms and conditions under which the customer-generator is rendered net metering service. New owners shall be allowed to continue to take service under the same terms and conditions in effect at the time of such sale or transfer until 2040, in accordance with RSA 362-A:9,XV and Order No. 25,972, or pursuant to Order No. 26,029, provided that the system is not moved to a different location by the purchaser, transferee, or otherwise.

Residential small customer-generators may expand their systems without limitation, provided that the expansion does not result in total system capacity in excess of 100 kW.

Non-residential small customer-generators may expand the capacity of their systems by an amount up to the greater of either 20 kW or 50 percent of the system capacity allocated into the standard net metering program prior to September 1, 2017, or the original capacity of a system installed under the alternative net metering tariff effective as of September 1, 2017, as applicable, provided that in neither case can any such expansion have the effect of increasing the system's capacity to an amount in excess of 100 kW.

Non-residential large customer-generators may expand the capacity of their systems by an amount up to the greater of either (1) 50 kW, or (2) a capacity amount such that the expanded system is sized to produce 110 percent of the customer-generator's annual kilowatt-hour on-site usage, as clearly demonstrated through the customer-generator's documentation of any consecutive 12-months within the previous two years.

In neither case, can any such expansion have the effect of increasing the system's capacity to a level in excess of one megawatt. Expansion of a net-metered system by or for a commercial or industrial customer-generator smaller than the applicable limitation will allow the customer-generator to continue to be grandfathered, while any such expansion in excess of the applicable limitation will result in the entire net-metered system losing its net metering grandfathered status.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Any system modifications must be reported to the Company within 30 days of modification or earlier if so required under the Company's distributed generation interconnection procedures.

5. Renewable Energy Certificates

The Company will offer to serve as independent monitor for a customer-generator who elects to receive a Company-owned production meter. The Company will report the electricity production of such customer-generator at least quarterly to NEPOOL-GIS at no cost to the customer. The Company will file an application on behalf of the customer for Commission certification of the eligibility of the installation to produce renewable energy certificates pursuant to RSA 362-F and the Commission's Puc 2500 rules. Any customer requesting a Company-owned production meter or requesting the Company to serve as the independent monitor must respond in a timely manner to requests for information from the Company.

Rates:

Qualifying Facilities selling their output to the Company will be eligible to receive Short Term Avoided Cost Rates equal to the payments received by the Company for the sale of QF generation to the ISO-NE power exchange, adjusted for line losses, wheeling costs and administrative costs incurred by the Company for the transaction. Projects shall be charged a standard monthly service fee for billing service as approved by the appropriate regulatory agency.

Wheeling Charges:

The Company reserves the right to impose any appropriate wheeling charges (including distribution wheeling charges) for generation transmitted through the Company and sold to ISO-NE and others as may be approved by the appropriate regulatory agency.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

37. Line Extensions

In areas in which Delivery Service by the Company is authorized, the Company will extend its single-phase or three-phase distribution facilities or upgrade its single-phase distribution facilities to three-phase distribution facilities to a maximum of 5,280 feet in length to serve Customers under Residential Delivery Service Rate R and Rate R-OTOD and General Delivery Service Rate G and Rate G-OTOD, at their request. Extensions or upgrades greater than 5,280 feet in length will be constructed at the discretion of the Company.

Additionally, per RSA 370:12, customers requiring a line extension on private property may opt to hire and pay a private line contractor, licensed by the state and approved by the Company, to construct a required overhead or underground power line extension on private property. The contractor shall supply and install all materials as specified by the Company. Line extensions must be designed by the Company and built to its specifications in order for the Company to assume ownership of the line. The Company has the right to not accept a customer built line extension that does not conform to the Company's specifications. Customers may not contract with private line contractors to construct line extensions along public ways.

1. Location of Distribution Facilities

The order of preference for the location of line extensions are (i) along public ways; (ii) along private roads maintained year-round; (iii) along private roads maintained on a seasonal basis; (iv) over rights of way accessible by standard Company equipment; and (v) over rights of way not accessible by standard Company equipment. The Company may choose a higher preference location even if a lower preference location may result in a shorter line extension. The final placement of all line extensions must be preapproved by the Company.

2. Calculation of Line Extension Construction Costs

Definitions

Overhead Service Drop: The final span of cable providing secondary voltage to a Customer's meter or point of attachment location, whichever is applicable, from a utility pole. The maximum length of an overhead service drop is determined by the characteristics of the Customer's load and the terrain over which the overhead service drop passes.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Underground Service Drop: The final run of cable providing secondary voltage to a Customer's meter from a transformer or from a secondary conductor located on the Company's distribution system.

Distribution Facilities Provided by the Company at No Charge to the Customer

There shall be no separate charge for a pole-mounted transformer which the Company determines is needed to adequately serve a Customer's load and up to 300 feet of distribution facilities. The 300 feet of distribution facilities must include the length of an Overhead or Underground Service Drop currently being installed to serve a customer premise.

Additional Distribution Facilities

Any overhead or underground distribution facilities required to serve a Customer in addition to a pole-mounted transformer and up to 300 feet of distribution facilities as defined above, are subject to the charges specified below.

Adding Additional Phases to Existing Overhead Single-phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Overhead Service Drop shall be derived based on the Customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads.

Overhead Single-Phase Facilities

The estimated cost shall be derived by multiplying the length of the distribution facilities by the average cost per foot of overhead single-phase distribution facilities based on the following schedule of charges. The length of the distribution facilities shall be based on the length of single-phase primary and secondary line to be installed in excess of 300 feet, including the length of an Overhead Service Drop.

<u>Effective Dates</u>	<u>Overhead, Single-Phase Average Cost per Foot</u>
April 1, 2019 – March 31, 2020	\$27.13
April 1, 2020– Forward	See section "Average Cost per Foot Effective From April 1, 2020– Forward"

Overhead Three-Phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Overhead Service Drop shall be derived based on the customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Underground Single-Phase Facilities

The estimated cost shall be derived by multiplying the length of the distribution facilities by the average cost per foot of underground single-phase distribution facilities based on the following schedule of charges and adding the result to the excess cost of any padmounted transformers to be installed. The length of the distribution facilities shall be based on the length of single-phase primary and secondary line to be installed in excess of 300 feet, including the length of an Underground Service Drop. The excess cost of a padmounted transformer is the amount by which the cost of a padmounted transformer exceeds the cost of an equivalent pole-mounted transformer. The Company will determine the excess cost on the basis of average cost formulas consistently and equitably applied to all underground installations.

Effective Dates
April 1, 2019 – March 31, 2020
April 1, 2020 – Forward

Underground, Single-Phase
Average Cost per Foot
\$15.36
See section “Average Cost per Foot Effective
From April 1, 2020 – Forward”

Underground Three-Phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Underground Service Drop shall be derived based on the customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting, overheads and the excess cost of any padmounted transformers to be installed. The excess cost of a padmounted transformer is the amount by which the cost of a padmounted transformer exceeds the cost of an equivalent pole-mounted transformer. The Company will determine the excess cost on the basis of average cost formulas consistently and equitably applied to all underground installations.

Average Cost per Foot Effective From April 1, 2020 - Forward

The Company will update the overhead single-phase and underground single-phase average cost per foot figures for effect on April 1 based upon a sampling of actual line extensions completed in the preceding three calendar years using the methodology contained in the Settlement Agreement in Docket No. DE 08-135 and as approved by the Commission in its Order No. 25,046 dated November 20, 2009. All costs related to the construction of the distribution facilities will be included in the average cost per foot figures, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

3. Customer Responsibilities

- i) Payments: The Customer is responsible to pay to the Company their proportional share of any line extension construction costs in accordance with any line extension agreements in effect when service is requested by the Customer (for line extensions constructed after September 1, 2016) prior to the start of the Company's construction. In addition, the Customer is responsible to pay to the Company any line extension construction costs as defined in section 2 above and any special costs as defined in section ix below prior to the start of the Company's construction if the total cost is \$3,000 or less. If the total cost is greater than \$3,000, the Customer has the option to either pay the total amount prior to the start of construction, or to sign an agreement to pay the amount in excess of \$3,000 in 60 equal monthly payments, plus interest at the rate of interest applicable to the Company's Customer deposit accounts at the time of execution of the agreement ("Line Extension Monthly Surcharge"). The Company reserves the right to place a lien on the property until such time that the payment obligation is fulfilled. The Customer must agree, as a condition of the line extension monthly payment option, that if the Customer sells, leases or otherwise transfers control and use of the home to another individual ("New Occupant"), and such "New Occupant" opens a new account with the Company, the Customer will obtain an agreement from the "New Occupant" to pay the remaining balance as prescribed in the agreement that would have been owed by the Customer at that location. Unless the "New Occupant" signs a new superseding payment agreement with the Company, the original Customer will remain personally liable for the balance owed to the Company. Any retail Customer that fails to pay the Line Extension Monthly Surcharge shall be subject to disconnection of service to the same extent that such Customer would, under applicable law and regulations, be subject to disconnection of service for failure to pay any other charge payable to the Company.
- ii) Easements: The Customer is responsible to provide, without expense or cost to the Company, the necessary permits, consents or easements for a right-of-way satisfactory to the Company on the Customer's property for the construction, maintenance and operation of the Company's distribution facilities, including the right to cut and trim trees and bushes.
- iii) Environmental Permits: The Customer is responsible to provide, without expense or cost to the Company, the necessary environmental permits for the construction, maintenance and operation of the Company's distribution facilities on the Customer's property.
- iv) Plans: The Customer is responsible to provide the Company with details of the intended installation, including property lines, building locations, service entrance specifications and major electrical load information.
- v) Other Documents: If the Customer intends to use an existing easement area to cross the property of others with the Company's distribution facilities, the Customer is responsible to provide evidence that the easement permits the installation of such facilities by the Company.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Code Compliance: The Customer is responsible to obtain the necessary approvals from the local inspection authorities before the Customer's service entrance equipment is connected to the Company's distribution system.

- vi) Site Plans: Developers must provide to the Company a site plan or other documentation identifying the maximum number of lots or self-contained living units. The developer shall also provide the Company additional notice should the number of lots or living units increase or decrease from the initial documentation. The developer is responsible to pay any additional costs, including design costs, resulting from changes to the number of lots or units developed subsequent to the original documentation. Upon request, all other Customers requesting service shall provide a site plan for the Company to design the distribution facilities.
- vii) Underground Distribution Facilities: The Customer shall furnish to the Company's specifications all trench excavation, back-fill, conduit, duct bank, manholes, vaults, pedestals and transformer foundations necessary for the installation of underground electric distribution facilities. Underground distribution facilities shall be provided in accordance with the Company's "Information and Requirements for Electric Supply".
- viii) Special Costs: The Customer shall pay for all costs incurred by the Company for extensions that require construction which would result in special costs, such as railroad or National Forest crossings, crossing rivers and ponds, crossing wetlands, extending to an island, use of submarine cable or any additional costs incurred to protect the environment and comply with the Company's environmental policy and procedures.
- ix) The Customer shall be responsible for any other requirements as specified in the Company's "Information and Requirements for Electric Supply".

4. Company Responsibilities

The Company shall be responsible for:

- i) Constructing and maintaining the electric distribution facilities to serve the Customer's premises.
- ii) Trimming trees and bushes to the Company's standards along the route of the overhead distribution facilities, including the Overhead Service Drop serving the Customer's premises.

All distribution facilities constructed under the provisions of this line extension section shall be and shall remain the property of the Company. The Company shall not be required to install distribution lines, transformers, Service Drops or meters under the above terms in locations where access is difficult by standard Company distribution construction and maintenance vehicles, where the service does not comply with the Company's environmental policy and procedures, where it is necessary to cross a body of water or to serve airport lighting, beacon lighting, street lighting or where the business to be secured will not be of reasonable duration or will tend in any way to constitute discrimination against other Customers of the Company.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

5. Single-phase Line Extensions Along the Public Way, Constructed After September 1, 2016 and Serving a Single Family Home or Residential Duplex

At the original customer's request, if a new customer is supplied service from the line extension within 60 months of the line being energized, and providing the original customer notifies Eversource prior to a new customer requesting service, the new customer will be required to make a prorated contribution to the original cost of the line. The contribution will be calculated based on the location of the new service in relation to the total length of the original line extension and adjusted to reflect the time remaining in the 60-month period. Any contribution received from the new customer will be refunded to the original customer. Any additional customers requesting to be served by the line during the 60-month period would be subject to this policy, with reimbursements directed by the Company to those customers who had made prior contributions. No refunds will be paid in excess of the amount of the original charge.

38. Interconnection Standards For Generating Facilities

Any person or entity planning to operate a generating facility and connect it to the Company's facilities must receive approval from the Company prior to connecting the generating facility to the Company's facilities. A generating facility is any device producing electrical energy which can range in size from a small, residential photovoltaic solar installation to a large commercial generating facility. Inverter-based generating facilities sized up to 100 KVA must meet the requirements contained in the Company's "Interconnection Standards for Inverters Sized Up to 100 KVA", as approved by the Commission. The Standards provide information on the application process, time-lines and technical requirements and are available at the Company's web site at www.eversource.com. For all other generating facilities, the Company must be contacted for site specific interconnection requirements prior to interconnecting the generating facilities with the Company's facilities.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS

The following terms and conditions shall apply to Energy Service Providers (“Suppliers”) doing business within the Company’s Service Area and to Customers where specified.

1. Obligations of Suppliers

- a. At all times, the Supplier must meet the registration and licensing requirements established by law and/or by the Commission and must comply with all applicable rules promulgated by the Commission.
- b. The Supplier or the Customer in the case of Self-Supply Service must be either a member of NEPOOL or have an agreement in place with a NEPOOL member whereby the NEPOOL member agrees to take responsibility for all the NEPOOL load obligations, including but not limited to losses and uplift costs, associated with supplying energy and capacity to the Customer’s delivery point.
- c. The Supplier or the Customer in the case of Self-Supply Service shall be responsible for providing all the capacity and energy needs of the Customer and shall be responsible for any and all losses which include all distribution and transmission losses along the Local Network from the PTF Facilities to the Customer’s delivery point.
- d. The Supplier shall provide the Company with at least 30 days’ notice prior to either the cancellation of an agreement for load responsibility with NEPOOL or a NEPOOL member, or the termination of business in the Company’s Service Area. The Supplier shall accept load responsibility for all its Customers, or have an agreement with a NEPOOL member which provides for accepting load responsibility for all its Customers, until the first meter read date for each respective customer occurring two business days after notice to the Company or transmittal of any Electronic Data Interchange (“EDI”) to the Company.
- e. In the case of Self-Supply Service the Customer shall provide the Company with at least 30 days’ notice prior to the cancellation of an agreement for load responsibility with either NEPOOL or a NEPOOL member. The Customer shall accept load responsibility or have an agreement with a NEPOOL member which provides for accepting load responsibility for the Customer until the Customer’s first meter read date occurring at least two business days after notice has been received by the Company from the Customer.
- f. The Supplier shall satisfy all the EDI standards as approved by the Commission. A Supplier shall be required to complete testing of EDI transactions prior to the rendering of Supplier Service to any Customer.
- g. The Supplier shall be responsible for reviewing and confirming the accuracy of all data provided to, or made available for, inspection to the Supplier by the Company during the load estimation, load reporting, billing and other processes described in these Terms and Conditions and/or ISO-NE’s Rules.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

- g. Each Supplier shall be required to enter into a service contract with the Company that resolves issues associated with, among other things, information exchange, problem resolution and revenue liability. This contract must be entered into prior to initiation of Supplier Service to any Customer in the Company's Service Area.
- h. The Supplier shall be responsible for obtaining the Customer's authorization, in accordance with the Commission's rules, prior to the commencement of Supplier Service.
- i. The Supplier shall be responsible for obtaining the Customer's written authorization for the release of the Customer's load history to the Supplier by the Company.

In the event a Supplier doing business in the Company's Service Area fails to comply with the obligations specified above, the Supplier shall promptly notify the Company or the Company will promptly notify the Supplier. The Supplier shall undertake best efforts to re-comply with its obligations under this Tariff and the Commission's rules in a timely manner. Until the Supplier has re-satisfied its obligations, the Company reserves the right to deny any new customer enrollments from the Supplier. In the event the Supplier is unable or unwilling to re-satisfy its obligations, the Company may transfer the Suppliers' Customers to service under Default Service after notification to the Commission.

2. Services and Schedule of Charges

Where applicable, the Customer and/or Supplier will be obligated to pay the following fees and charges to the Company for the following services:

(a) Customer Usage Data

Suppliers will be provided with monthly usage data, at no charge, via an EDI transaction in accordance with the guidelines adopted by the Commission. The Supplier is responsible for obtaining the Customer's written authorization to release this information and will be required to maintain the confidentiality of the Customer information. The Supplier may not sell or provide this information, in whole or in part, to another party.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

(b) Interval Data Services

The Company will provide the following Interval Data Services for Suppliers and Customers who wish to acquire, develop or analyze time interval meter data from the Company's meter installed at the Customer's service location. The following services are limited to those service locations with interval data recorders installed. The interval data will be provided in 30 minute intervals.

The Supplier is responsible for obtaining the Customer's authorization to release his/her meter data and shall maintain the confidentiality of Customer information. The Supplier may not sell or provide this information, in whole or in part, to another party.

1. Interval Data Access Service

(i) Subscription Service for Interval Data via Electronic Mail (E-mail), U.S. Mail or Internet Server

The Company will provide the monthly interval data in an electronic format to the Customer or Supplier via E-Mail, U.S. Mail, or the Company will post the monthly interval data files to an internet server designated by the Company. The Customer or Supplier is responsible for downloading the file containing the interval data from the internet server.

Single Delivery Service Account\$25.00 per Month*

*At Supplier's option, a \$300 annual charge may be assessed in lieu of the \$25 monthly charge.

(ii) One-Time Request for Interval Data

If available, the Company will provide a Customer's historical interval data in an electronic format to the Customer or Supplier at the following rate:

Single Delivery Service Account\$50.00 per Request

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

2. Load Pulse Outputs Service

This service is offered to Customers or Suppliers who desire a pulse output from the Company's meter. The Company will acquire and install the equipment to allow the Customer or Supplier to interface with the Company's metering equipment and enable the Customer or Supplier to have access to load pulse output. Pulses representing kilowatt-hours are usually requested, but other electrical quantities such as kilovar-hours are also available. The Customer or Supplier has the option to connect this output to their own interval data recorder or other load monitoring or load management devices. The Customer or Supplier is responsible for connecting their own devices to the load pulse output. The one-time fee for this service is as follows:

Load Pulse Output

Up to Two Metered Quantities.....\$800 per Isolation Relay Device

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

(c) Supplier Customer Service

The Company will provide Customer Service, as an optional service, to Suppliers who have entered into a written agreement for Billing and Payment Service with the Company and who have entered into a written agreement for Supplier Customer Service with the Company for a minimum of one year. Customer Service is defined as processing of standard Customer informational requests on behalf of a Supplier including Supplier balances, rate information, resolving disputes and processing Customer enrollment. This service is available for Supplier's Customers located within the Company's Service Area. This service includes inbound calls and does not include outbound telemarketing service to potential Customers or promoting new Supplier services to existing Customers. The charges shall be assessed monthly and based on minutes of call handling time as follows:

Supplier Customer Service Charge\$1.10 per minute

Nothing herein shall prohibit the Company and Supplier from negotiating an annual per customer fee for Customer Services. The Supplier will be responsible for establishing a separate toll free number to allow the number of calls to be tracked as well as allowing for individualization of services.

(d) Billing and Payment Service

The Company will provide Billing and Payment Service as an option to Suppliers who have entered into a written agreement for Billing and Payment Service with the Company for a minimum of one year. The monthly Billing and Payment Service Charge, listed below, is for billing arrangements which can be accommodated by the Company's billing systems without significant programming changes:

Billing and Payment Service Charge\$ 0.07 per bill rendered
Minimum Billing and Payment Service Charge\$ 100.00 per month

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

The Company shall also provide, at its option, Billing and Payment Service for Supplier pricing options which require programming changes to the Company's billing systems. Suppliers will be assessed a one-time setup charge at the following rate to enable non-standard Supplier billing arrangements by the Company:

Programming Setup Charge\$95.00 per hour

Any request by the Supplier for Rate Maintenance and Error Correction service provided by the Company in support of Billing and Payment Service will be billed on a monthly basis using the hourly rate below. Rate Maintenance and Error Correction will include maintaining Supplier rates and pricing options in the Company's billing systems and calculating Customer billing adjustments due to Supplier errors in pricing.

Rate Maintenance and Error Correction Charge\$53.00 per hour

Customer payments received by the Company shall be applied to balances due to the Company and the Supplier in the following order:

(1) utility outstanding deposit obligations, (2) any utility current payment arrangement obligations, (3) any utility budget billing arrangement obligations, (4) utility and supplier aged accounts receivables, with a priority for the utility aged receivables, (5) utility and supplier current charges, with a priority for the utility's current charges, and (6) any miscellaneous nonelectric service product or services.

(e) Off-Cycle Meter Reading

In the event of non-payment by a Customer receiving Delivery Service under Large General Delivery Service Rate LG, a Supplier shall be permitted to request an off-cycle meter reading by the Company pursuant to the notice requirements and terms provided in Rule Puc 2004.12. Suppliers will be assessed the following charge:

Off-Cycle Meter Reading Charge (if telemetered)	\$53 per meter
Off-Cycle Meter Reading Charge (if non-telemetered)	\$84 per meter

3. Initiation and Termination of Supplier Service

(a) Initiation

To initiate Supplier Service to a Customer, the Supplier shall submit an Electronic Enrollment which shall comply with the EDI standard, as may be amended from time to time.

If the information on the Electronic Enrollment passes validation, the Company will send the Supplier a "Successful Enrollment" notice. Supplier Service shall commence on the date of the Customer's next meter read date, provided that the Supplier has submitted the Electronic Enrollment to the Company at least two business days prior to the scheduled meter read date. If the Company receives more than one Electronic Enrollment for the same Customer for the same enrollment period, the first successfully processed Electronic Enrollment shall be accepted. All subsequent Electronic Enrollments received during that enrollment period shall be rejected.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

If a Supplier's Electronic Enrollment fails to meet the requirements of this Tariff, the Company shall, within one business day of receipt of the Electronic Enrollment, notify the Supplier through an EDI Error notice.

(b) Termination

To terminate Supplier Service with a Customer, the Supplier of record shall submit electronically to the Company a valid "Supplier Drops Customer" transaction. Supplier Service shall terminate on the date of the Customer's next meter read date, provided that the "Supplier Drops Customer" transaction is submitted and successfully processed at least two business days prior to the Customer's scheduled meter read date. If the "Supplier Drops Customer" transaction is not received at least two business days prior to the scheduled meter read date, Supplier Service will terminate on the subsequent meter read date. The Company shall send a "Confirm Drop Date" transaction to the Supplier of record. The Supplier of record will be responsible for notifying the Customer of the termination date.

In cases where the Company uses estimated energy and demand values for billing purposes and the estimated bill coincides with the termination of Supplier Service, the Supplier shall agree to accept the estimated metering values as final values. The Company shall not be obligated to reconcile the estimated values after actual meter reading values are available.

(c) Customer Moves

If a Customer of record moves within the Company's Service Area and the Customer or designee notifies the Company prior to the initiation of Delivery Service at the new service location that he/she wishes to continue Supplier Service with the Supplier of record, the Company shall send a "Customer Move" notice to the Supplier and no Electronic Enrollment is necessary for the continuation of Supplier Service.

If a Customer of record initiates Delivery Service at a new service location, in addition to another established account within the Company's Service Area, the Customer shall be responsible for selecting a Supplier for the new service location. If an Electronic Enrollment is not received by the Company at least two business days before the initiation of Delivery Service, the Customer will be rendered energy and capacity under Default Service.

Unless the Company is notified otherwise by the Customer, the Company treats all applications for Delivery Service as a new Customer to the Service Area and the Customer will be rendered energy and capacity under Default Service at the new service location. In the event the Company is informed that the new application for Delivery Service is a Customer of record on or after the date Delivery Service is initiated, the Supplier will be notified either by the Customer Usage Information or the Customer Usage and Billing Information EDI transactions, if and when Delivery Service is terminated at the prior service location.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

(d) Other

In the event a Delivery Service account is terminated by either the Customer or the Company, such termination will be shown on either the Customer Usage Information or the Customer Usage and Billing Information EDI transactions.

4. Exclusion of Supplier From Providing Service Within the State of New Hampshire or From the Regional Market

In the event of a Supplier's Default that has led to a Suspension from regional market participation by ISO-NE or another event causing a Supplier to be unable to provide service to its customers in New Hampshire, the Company shall transfer all Customers of the Supplier to Default Energy Service as of the effective date provided by ISO-NE or the Commission, as applicable, otherwise known as the transfer date. Such Suppliers will be assessed a customer transfer charge. Transferred Customers shall remain on Default Energy Service until the Company receives a valid Electronic Enrollment from a registered Supplier or notice from the Customer in the case of Self-Supply Service. The Company shall require a new signed service agreement with any Supplier that has been Suspended and has subsequently been reinstated by ISO-NE, or if another event caused a Supplier to be unable to provide service to its customers and that event was subsequently cured. Electronic Enrollments from Suppliers reinstated by ISO-NE or the Commission shall be effective no sooner than thirty days from the transfer date provided by ISO-NE or the Commission, unless agreed to by the Company.

Customer Transfer Charge: \$64 per service account

5. Interruption, Disconnection and Refusal of Delivery Service

Any interruption, disconnection and refusal of Delivery Service by the Company shall be in accordance with this Tariff and the rules of the Commission. The Company shall not be liable for any revenue losses to Suppliers as a result of an interruption or disconnection of Delivery Service to an existing Customer.

In the event the Company refuses to supply or expand Delivery Service for any reason, the Company shall not be responsible for any losses or damages (direct, indirect or consequential) to a Supplier resulting from the corresponding loss of compensation.

6. Metering

The Company shall meter each Customer in accordance with Tariff provisions. Each Customer shall be metered or its load estimated such that the loads can be reported to the ISO-NE for inclusion in the Supplier's, or applicable NEPOOL member's, load calculations.

In the event a Supplier utilizes the Company's meter readings for billing purposes, the Company shall not be responsible for any loss or damage to a Supplier resulting from a failure of the Company's metering equipment to partially or fully register the amount of electricity consumed by a Customer.

Should a Supplier install metering equipment or any other equipment on Customer-owned facilities which interferes with the operation of the Company's metering equipment or any

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

other Company-owned equipment, the Supplier shall undertake best efforts to remedy the interference in a timely manner and shall compensate the Company for any damages resulting from the interference. Failure to remedy the interference may result in the termination of Delivery Service after 30 days' notice to the Supplier and Customer.

The Company is not obligated to use metering data registered by Supplier-owned metering equipment for the purpose of billing Delivery Service under this Tariff or for reporting load to ISO-NE.

7. Determination of Hourly Loads for ISO-NE Reporting (Estimation)

The determination and subsequent reporting of Supplier loads (which includes the coincident peak capacity values) shall be in accordance with NEPOOL/ISO-NE Market Rules and Procedures, and State regulations. Each Supplier's loads will be assigned to a specific load asset (as registered with ISO-NE) and the corresponding hourly values will be reported to ISO-NE for financial settlement of the wholesale electricity market, and appropriate regulatory bodies. Courtesy copies of this data may be provided to each Supplier.

Load settlement is performed using a combination of actual hourly interval meter data and estimated data. The multi-step process includes the determination of the (i) Retail Territory Load (as said term is defined in Section A below), (ii) Customer loads, and (iii) Supplier loads, as well as any adjustments to those values. A description of each of these steps follows.

(a) Determination of the Retail Territory Load (Real Time Market Settlement)

On an hourly basis, the Company will calculate an aggregate value representing the load of its Customers served below the 345kV transmission system (the "Retail Territory Load") at the PTF boundary with the Company Metering Domain(s). The Retail Territory Load will consist of the five components below as represented in the ISO-NE settlement system:

- (1) Total metered output of generation connected to the Company Metering Domain
- (2) Plus net imports into the Company Metering Domain
- (3) Less net exports from the Company Metering Domain
- (4) Less non-retail loads (e.g. wholesale load served to municipalities)
- (5) Less the Company Metering Domain's low voltage PTF losses as estimated by ISO-NE.

(b) Determination of Customer Load

The Customer hourly loads shall be determined from either actual hourly interval data or estimated from rate class profiles.

When utilizing average rate class profiles, the Company shall calculate the usage factor for each Customer that reflects the Customer's usage relative to the average usage for the rate class. This Customer usage factor shall be used to scale the class load profile when estimating the Customer's hourly load.

The Company will increase the hourly loads by a distribution loss factor, to account for losses between the Customer meter and the ISO-NE reporting point, the PTF boundary. The

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

distribution loss factors used are for approximation purposes only and are to be used exclusively for the calculation of the Customers loads. Any potential difference between these loss factors and actual hourly losses will be captured in the allocation of residual, as described below.

(c) Determination of Supplier Loads

Each Customer, including those on Default Energy Service or Self-Supply, will be assigned their associated Supplier code from the billing database. The Customer loads from Section (b) above will be summed, for each hour, by this Supplier code. For each hour, the difference between the Retail Territory Load and the sum of the loads from Section (b) above will constitute the "residual". The loads from Section (b) above will be adjusted by the residual. The residual will be allocated proportionally to each Supplier's share of the profiled loads from Section (b) above.

The sum of the loads plus any residual will constitute the Supplier hourly loads. The sum of the Supplier hourly loads in a Metering Domain will equal the Retail Territory Load of the same Metering Domain.

To refine the estimates of the Supplier's loads that result from the estimated hourly loads, a monthly calculation shall be performed to incorporate the most recent Customer usage information, which is available after the monthly meter readings are processed.

(d) Reporting of Supplier Loads for the ISO-NE Settlement Processes

In accordance with the ISO-NE rules and procedures, as amended from time to time, the Company will report to ISO-NE the Supplier hourly loads in the time period specified by the ISO-NE Rules for the initial settlement.

Subsequently, in accordance with the ISO-NE's rules and procedures that pertain to the resettlement processes, the Company will submit to ISO-NE any revised hourly values for assets reflected in the ISO-NE settlement system that are used to determine the Retail Territory Load for each hour of each day. The Company will also submit to ISO-NE any revised hourly energy quantities for each Supplier for each resettlement process.

As wholesale electricity market changes are implemented, the Company will comply with all such applicable market changes when determining the Retail Territory Load. The Company also shall determine and report the Supplier loads consistent with applicable market rules and procedures.

(e) Data Review

The process of Supplier load estimation involves statistical samples and estimating error. The Company shall not be responsible for any estimating, reporting, settlement or other types of errors associated with, or resulting from, this process, and the Company shall not be liable to any Supplier or any third party for any costs or losses that are associated with such errors. Each Supplier is solely responsible for checking and ensuring the accuracy of all such data.

The terms above are also applicable to Customers who are receiving Self-Supply Service.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

8. Liability

The Company shall have no liability with respect to any transaction or arrangement by or between a Customer and Supplier.

The Company and the Supplier shall indemnify and hold the other and their respective affiliates, and the directors, officers, employees, and agents of each of them (collectively, "Affiliates") harmless from and against any and all damages, costs (including attorneys' fees), fines, penalties, and liabilities, in tort, contract, or otherwise (collectively, "Liabilities"), resulting from claims of third parties arising, or claimed to have arisen, from the acts or omissions of such party in connection with the performance of its obligations under this Tariff. The Company and the Supplier shall waive recourse against the other party and its Affiliates for or arising from the non-negligent performance by such other party in connection with the performance of its obligations under this Tariff.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL DELIVERY SERVICE RATE R

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available to those Customers who receive all of their electric service requirements hereunder, except that controlled electric service for thermal storage devices is available under Load Controlled Delivery Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of Delivery Service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, Delivery Service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Customer Charge \$13.89 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charge..... 5.441¢

Distribution Adjustment Charge x.xxx¢

Transmission Charge 2.039¢

Stranded Cost Recovery..... 1.398¢

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter.

Delivery Service measured by this meter will be billed monthly as follows:

Meter Charge \$4.89 per month

Energy Charges:

Distribution Charge..... 2.875¢ per kilowatt-hour
Distribution Adjustment Charge x.xxx¢ per kilowatt-hour
Transmission Charge 1.578¢ per kilowatt-hour
Stranded Cost Recovery..... 1.398¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge \$4.89 per month

Energy Charges:

Distribution Charge..... 1.498¢ per kilowatt-hour
Distribution Adjustment Charge x.xxx¢ per kilowatt-hour
Transmission Charge 1.578¢ per kilowatt-hour
Stranded Cost Recovery..... 0.827¢ per kilowatt-hour

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

ELDERLY CUSTOMER DISCOUNT

Eligible Customers may receive an Elderly Customer Discount of ten percent (10%) from bill amounts computed under this rate for service rendered at their principal residence.

Eligible Customers are those Customers 70 years of age or older who are owners or renters of their principal residence or who normally pay a substantial portion of the cost of maintaining their principal residence who were receiving the Elderly Customer Discount pursuant to an applicable rate on February 1, 1982, and who have continuously received the Elderly Customer Discount since that date; provided that when an eligible Customer who has been receiving the discount deceases, a surviving spouse who would otherwise be eligible for the discount will be deemed to be an eligible Customer.

The covered provisions of this rate shall include all provisions relating to rates and charges (including the Customer charge and any meter charge) except for charges under the provision entitled "Service Charge", line extension surcharges, or any charges under Default Service. The covered provisions shall also include service under Load Controlled Delivery Service Rate LCS.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess a \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL TIME-OF-DAY
DELIVERY SERVICE RATE R-OTOD

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available at the Customer's option to those Customers who have completed a written Application for Service and signed a Service Agreement and who receive all of their Delivery Service requirements hereunder, except that outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

LIMITATIONS ON AVAILABILITY

The availability of this rate to particular Customers is contingent upon the availability of time-of-use meters and personnel to administer the rate, all as determined by the Company.

Because the Company's distribution system and Customer service facilities have a limited electrical capacity, large and/or intermittent and irregular electrical loads can result in the overloading and damaging of said facilities and can adversely affect the quality of service to other Customers of the Company. Therefore, service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity and Customer service facilities do not exist in order to supply the electrical requirements of the applicant unless the Service Agreement provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both. Further, in the event that a Customer receiving service under this rate shall propose to materially increase the amount of Delivery Service required, the Customer shall give the Company prior written notice of this fact, thereby allowing the Company to ascertain whether sufficient distribution system capacity and Customer service facilities exist to serve the proposed increased requirement. Where the capacity or facilities do not exist, the Customer will not make the proposed increase until the Service Agreement shall be amended to provide for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Customer Charge\$32.25 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
weekdays excluding Holidays).....15.394¢

Off-Peak Hours (all other hours)1.120¢

Distribution Adjustment Charge x.xxx¢

Transmission Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
weekdays excluding Holidays).....2.039¢

Off-Peak Hours (all other hours)1.331¢

Stranded Cost Recovery.....1.208¢

The On-Peak Hours shall be the hours after 7:00 a.m. and before 8:00 p.m. weekdays excluding holidays as defined in this Tariff. The Off-Peak Hours shall be all hours not included in the On-Peak Hours.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

CAPACITY CHARGE

The Company's studies may show that, in order to more closely follow cost of service, it is necessary or desirable to utilize meters capable of measuring rate of taking of electric service in kilowatts. The Company may install such meters either for all Customers served under this rate or for only those Customers whose usage of electricity is uncharacteristic of this class. At any time, the Company may file a revision of the rate form and/or charges of this rate to provide for an appropriate capacity charge. After such revision of this rate, any Customer who is subject to higher billing under this rate will have the option of continuing to take service under this rate or to take service under any other rate of the Company's Tariff which may be available.

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter.

Delivery Service measured by this meter will be billed monthly as follows:

Meter Charge\$4.89 per month

Energy Charges:

Distribution Charge.....	2.875¢ per kilowatt-hour
Distribution Adjustment Charge	x.xxx¢ per kilowatt-hour
Transmission Charge	1.578¢ per kilowatt-hour
Stranded Cost Recovery.....	1.398¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge..... \$4.89 per month

Energy Charges:

Distribution Charge..... 1.498¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery.....0.827¢ per kilowatt-hour

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess a \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL ELECTRIC ASSISTANCE PROGRAM RATE EAP

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is available to the primary residence of residential Customers with a household income equal to or less than 200% of the federal poverty guidelines subject to the availability of funds for this program. Customers may apply for this rate with the Electric Assistance Program Administrator (Administrator) designated by the Public Utilities Commission. The Administrator will determine initial eligibility for Rate EAP and the appropriate Percent Discount level. The Administrator will also re-certify each Customer on or before the expiration date of the Customer's certification period. Billing for service under this rate shall commence on the date of the Customer's next meter read date (Effective Date) following the receipt by the Company of a certification notification transaction from the Administrator. Service under this rate shall continue until the Company receives a removal notification transaction from the Administrator, except that in the event the Customer terminates Delivery Service and does not request Delivery Service within 30 days, the Company may immediately remove the Customer from the Electric Assistance Program without notice to the Customer.

This rate is available in conjunction with the Company's Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD. Therefore, service shall be provided in accordance with the terms and conditions of Rate R or Rate R-OTOD as now or hereafter effective, except as specifically provided otherwise in this rate.

PERCENT DISCOUNT

For Customers receiving energy service under Default Energy Service, Customers will be billed for Delivery Service under Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD and for Default Energy Service, except that a Percent Discount will be applied to all applicable Delivery Service and Default Energy Service rate charges which includes the Customer Charge, any Meter Charge, the Distribution Charge, the Distribution Adjustment Charge, the Transmission Charge, the Stranded Cost Recovery Charge, the System Benefits Charge and the Default Energy Service Charge for the first 750 kWh of monthly usage per service account. The Percent Discount will not be applied to the Line Extension Surcharges, Returned Check Charges or Service Charges. The Percent Discount cannot be applied to or combined with the Elderly Customer Discount. The covered provisions of this rate shall also include service under Load Controlled Delivery Service Rate LCS.

For Customers receiving energy service from an Energy Service Provider that has elected to receive Billing and Payment Service from the Company (otherwise known as consolidated billing), the Percent Discount will be calculated in the same manner as Customers receiving energy service under Default Energy Service, i.e. the Company's Default Energy Service rate will be used in the calculation of the discount, rather than the Energy Service Provider's rate, regardless of the difference in rates. All other Percent Discount provisions remain the same as those applicable to Customers receiving energy service under Default Energy Service including the application of the Percent Discount to the first 750 kWh of monthly usage per service account.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

The following percent discounts apply:

Tier	Percentage of Federal Poverty Guidelines	Discount
2	151% to 200%	8%
3	126% to 150%	22%
4	101% to 125%	36%
5	76% to 100%	52%
6	up to 75%	76%

DEPOSITS

Deposits obtained by the Company prior to the Effective Date of service under this rate plus interest accrued thereon due to four consecutive disconnect notices, disconnection of service, or failure to provide satisfactory evidence of intent to remain at the service location for a period of twelve consecutive months shall be reviewed to ensure that the deposit amount plus accrued interest does not exceed the Customer's total bill for two high use months. To the extent the deposit exceeds the total bill amount of two high use months discounted by the Percent Discount the customer will receive on future bills under this rate, the difference shall be first applied to any outstanding balance owed to the Company by the Customer after the crediting of qualifying pre-program past due balances. Any remaining difference shall be refunded to the Customer within two months following the Effective Date of service under this rate. All other deposits obtained by the Company prior to the Effective Date of service under this rate shall be first applied to any outstanding balance owed to the Company by the Customer after the crediting of qualifying pre-program past due balances. Any remaining deposit amount shall be refunded to the Customer within two months following the Effective Date of service under this rate.

When deposits are required from Customers receiving service under this rate, the deposit shall not be more than the estimated bill for Delivery Service and Energy Service, if applicable, for a period of two high use months reduced by the amount of the Percent Discount when those months were incurred prior to the Effective Date of service under this rate.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

GENERAL DELIVERY SERVICE RATE G

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service for any use. It is available to (1) those Customers at existing delivery points who were receiving service hereunder on General Service Rate G on January 1, 1983, and who have continuously received service under that rate and this successor since that date, and (2) all other Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter. Controlled electric service for thermal storage devices is available under Load Controlled Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts, or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, Delivery Service will be supplied only at a nominal voltage of 120/208 volts.

RATE PER MONTH

	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$18.00 per month	\$36.00 per month
Customer's Load Charges:	<u>Per Kilowatt of Customer Load in Excess of 5.0 Kilowatts</u>	
Distribution Charge.....	\$10.50	
Distribution Adjustment Charge	\$x.xx	
Transmission Charge	\$5.26	
Stranded Cost Recovery.....	\$0.96	

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 500 kilowatt-hours	7.646¢
Next 1,000 kilowatt-hours	1.894¢
All additional kilowatt-hours	0.670¢

Transmission Charge

First 500 kilowatt-hours	1.900¢
Next 1,000 kilowatt-hours	0.715¢
All additional kilowatt-hours	0.383¢
Stranded Cost Recovery	1.069¢

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter. Service measured by this meter will be billed monthly as follows:

Meter Charge \$4.89 per month

Energy Charges:

Distribution Charge.....	2.875¢ per kilowatt-hour
Distribution Adjustment Charge	x.xxx¢ per kilowatt-hour
Transmission Charge	1.578¢ per kilowatt-hour
Stranded Cost Recovery.....	1.338¢ per kilowatt-hour

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge.....\$4.89 per month

Energy Charges:

Distribution Charge..... 1.498¢ per kilowatt-hour

Distribution Adjustment Charge..... x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery..... 0.790¢ per kilowatt-hour

SPACE HEATING SERVICE

Space heating service is available under this rate at those locations which were receiving space heating service under the Transitional Space Heating Service Rate TSH prior to Customer Choice Date and which have continuously received such service since that date. Customers at such locations who have elected this rate shall have the electricity for such service billed separately on a monthly basis as follows:

Meter Charge.....\$3.26 per month

Energy Charges:

Distribution Charge..... 4.043¢ per kilowatt-hour

Distribution Adjustment Charge..... x.xxx¢ per kilowatt-hour

Transmission Charge 1.900¢ per kilowatt-hour

Stranded Cost Recovery..... 1.666¢ per kilowatt-hour

Space heating equipment served under this rate, including heat pumps and associated air circulating equipment, shall be wired by means of approved circuits to permit measurement of such equipment's additional demand and energy use.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Customers taking space heating service under this rate at locations where the regular power and lighting service is delivered at primary voltage level or above shall be required to provide at the Customers' expense suitable transforming, controlling and regulating apparatus, acceptable to and approved by the Company, for the space heating service in the same manner as for the power and lighting service, so that deliveries of all electric service may be made by the Company at the same voltage level.

CUSTOMER'S LOAD

Customer's load is defined as the greatest rate of taking Delivery Service in kilowatts for any thirty (30) minute interval during the current monthly billing period.

Customer's load shall be measured whenever (a) such load is known or estimated to be 5.0 kilowatts or more, or (b) the Customer's use of service is 750 kilowatt-hours or more per month for three (3) consecutive months. However, any Customer's load may be measured at the Company's option. When measured, Customer's load shall be determined to the nearest one-tenth (0.1) kilowatt for billing purposes.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess a \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Short-term, seasonal or transient Customers who take service at temporary locations shall pay for the cost of installing and removing the necessary poles, wires, transformers, cable and other equipment in addition to the foregoing service charge.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

GENERAL TIME-OF-DAY DELIVERY SERVICE RATE G-OTOD

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service to Customers who utilize electric thermal storage devices and other applications approved by the Company. It is available to Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service is available at the Customer's option to those Customers who have completed a written Application for Service and signed a Service Agreement, and who receive all of their Delivery Service requirements hereunder, except that outdoor area lighting is available under Outdoor Lighting Service Rate OL.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter.

LIMITATIONS ON AVAILABILITY

The availability of this rate to particular Customers is contingent upon the availability of time-of-use meters and personnel to administer the rate, all as determined by the Company.

Because the Company's distribution system and Customer service facilities have a limited electrical capacity, large and/or intermittent and irregular electrical loads can result in the overloading and damaging of said facilities and can adversely affect the quality of service to other Customers of the Company. Therefore, service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity and Customer service facilities do not exist in order to supply the electrical requirements of the applicant unless the Service Agreement provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both. Further, in the event that a Customer receiving service under this rate shall propose to materially increase the amount of Delivery Service required, the Customer shall give the Company prior written notice of this fact, thereby allowing the Company to ascertain whether sufficient distribution system capacity and Customer service facilities exist to serve the proposed increased requirement. Where the capacity or facilities do not exist, the Customer will not make the proposed increase until the Service Agreement shall be amended to provide for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, service will be supplied only at a nominal voltage of 120/208 volts.

RATE PER MONTH

	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$42.21 per month	\$60.32 per month

Customer's Load Charges:

Per Kilowatt of Customer Load

Distribution Charge.....	\$14.26
Distribution Adjustment Charge	\$x.xxx
Transmission Charge	\$ 3.47
Stranded Cost Recovery.....	\$ 0.48

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
weekdays excluding Holidays).....5.364¢

Off-Peak Hours (all other hours)0.841¢

Stranded Cost Recovery.....0.790¢

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

CUSTOMER'S LOAD

Customer's load is defined as the greatest rate of taking service in kilowatts for any thirty (30) minute interval during on-peak hours of the current monthly billing period. On-peak hours shall be the hours of 7:00 a.m. through 8:00 p.m. weekdays excluding Holidays as defined in this Tariff.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$80.00. The Company will be entitled to assess a \$26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

LOAD CONTROLLED DELIVERY SERVICE RATE LCS

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part and as provided hereinafter, the radio-controlled option of this rate is available at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date. Under the radio-controlled option it is applicable to separately metered and controlled Delivery Service to electric thermal storage devices and to conventional electric space heating when a dynamic electric thermal storage system or a wood stove or coal stove is available for use as a backup during times when service is interrupted by the Company and other applications approved by the Company. Service under the 8-hour, 10-hour and 11-hour options is available only at those locations which were receiving service under one of these options under Load Controlled Service Rate LCS or Controlled Off-Peak Electric Water Heating Service Rate COPE on October 1, 2004 and which have continuously received such service since that date.

The availability of the radio-controlled option in conjunction with a wood stove or coal stove shall be limited to those premises which have electric space heating equipment as the sole source of space heating, excluding the wood stove or coal stove. Such wood stove or coal stove must be permanently installed and sized to adequately heat the main living area of the premises.

Service under this rate is available at the Customer's option to those Customers whose electric thermal storage or other equipment has been approved by the Company for load control as provided hereinafter. Such equipment must be connected to a separate circuit to which no other electrical load shall be connected.

Radio-Controlled Option - Delivery service will be subject to interruptions of up to eight (8) hours during each twenty-four (24) hour day between 7:00 a.m. and 11:00 p.m. Each interruption will not exceed four (4) hours and the time between two consecutive interruptions will be no less than two (2) hours.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

This rate is intended as a rider applicable to Residential Delivery Service Rate R or General Delivery Service Rate G. Therefore, service under this rate must be taken in conjunction with service provided under either Rate R or Rate G in accordance with the terms and conditions therein as now or hereafter effective except as may be specifically provided otherwise in this rate.

LIMITATIONS ON AVAILABILITY

Service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity does not exist in order to supply the electrical requirements of the applicant unless the Customer provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

The availability of this rate is also contingent upon the availability to the Company of personnel and/or other resources necessary to provide service under this rate.

TERM

The term of service under this rate shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

RATE PER MONTH

Customer Charges:

Radio-Controlled Option	\$11.30 per month
8-Hour, 10-Hour or 11-Hour Option.....	\$4.89 per month

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

Radio-Controlled Option	0.149¢
8-Hour Option	1.498 ¢
10-Hour or 11-Hour Option	2.875¢

Distribution Adjustment Charges:

Radio-Controlled Option	x.xxx¢
8-Hour Option	x.xxx¢
10-Hour or 11-Hour Option	x.xxx¢

Transmission Charge 1.578¢

Stranded Cost Recovery (When service is taken
in conjunction with Rate R).....0.827¢

Stranded Cost Recovery (When service is taken
in conjunction with Rate G).....0.790¢

METERS

Under this rate, the Company will install one meter with appropriate load control devices.

ELECTRIC THERMAL STORAGE EQUIPMENT APPROVED FOR LOAD CONTROL

Load Controlled Service is available under this rate to electric thermal storage installations meeting the Company's specifications as to type, size and electrical characteristics in accordance with the following guidelines.

I. Electric Thermal Storage Space Heating Equipment

Adequate control and switching equipment must be installed to provide capability for staggering the commencement of the charging period with respect to other electric thermal storage devices and for permitting partial charging on warmer days, and for controlling service to the thermal storage devices.

The storage capability of the electric thermal storage device must be adequate to heat the Customer's whole premises under design conditions and must be properly sized to ensure a constant rate of charging during the period which service under this rate is available as determined by the Company in accordance with its customary procedures. A smaller-sized electric thermal storage device may be approved by the Company for use in the Customer's premises under the Radio-Controlled Option.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

II. Electric Thermal Storage Water Heating

Load Controlled Service for electric thermal storage water heating is available under this rate when service is taken in conjunction with electric thermal storage space heating and at those locations which were receiving service under the Controlled Off-Peak Electric Water Heating Service Rate COPE on October 1, 2004 and which have continuously received such service since that date.

Service shall be supplied to electric thermal storage water heaters having either (i) two thermostatically-operated top and bottom heating elements, each with a rating of no more than 4,500 watts or forty (40) watts per gallon of storage capacity, whichever is greater, or (ii) a single thermostatically-operated heating element with a rating of 4,500 watts or forty (40) watts per gallon of storage capacity, whichever is greater. When there are two elements, both top and bottom elements must be connected and wired for Load Controlled Service, and must be connected or interlocked so that they cannot operate simultaneously.

The storage capacity of all electric thermal water heaters installed under the Radio-Controlled Option shall be forty (40) gallons or more. The storage capacity of all electric thermal water heaters installed under the 8-Hour, 10-Hour and 11-Hour Options shall be eighty (80) gallons or more. At the Company's option, smaller tanks may be installed for use in an individual apartment of a multi-family building under the 8-Hour, 10-Hour and 11-Hour Options.

INCREASED WATER HEATING CAPABILITY

Electric thermal storage water heating with switching capabilities for increasing the capability of the Customer's water heating equipment is available under this rate at those locations which had switching capability installed on or before January 1, 1994 and which have continuously received such service since that date. The element or elements must be connected and wired such that increased water heating capability is provided under Rate R or Rate G. Customers with installed switching capability will be billed an additional \$1.23 per month as a Customer charge. Switching capability is not available under the Radio-Controlled Option.

FEE FOR EMERGENCY CHARGING

If, due to an electrical outage or equipment malfunction, emergency charging of electric thermal storage devices is required at any time during which Delivery Service under this rate is not normally available, the Company will perform such charging upon sufficient notification. If charging is necessitated as a result of a malfunction of the Customer's equipment, the Company may assess the Customer a fee for such charging.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

PRIMARY GENERAL DELIVERY SERVICE RATE GV

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose maximum demand shall not exceed 1,000 kilowatts. Service rendered hereunder shall exclude backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

Suitable transforming, controlling and regulating apparatus, acceptable to and approved by the Company, shall be provided at the expense of the Customer. In locations in which space limitations or other factors make it impossible or inadvisable, in the opinion of the Company, for the Customer to have transforming apparatus devoted to its exclusive use, and in secondary network areas in which primary service is not made available by the Company at its option, Delivery Service shall be supplied from Company-owned transforming apparatus which also supplies other Customers. In such cases, this rate is available provided the Customer pays an annual rental charge equal to eighteen percent (18.0%) of the cost of the equivalent transformer capacity the Customer would furnish or rent to serve the load if exclusive use of a transformer bank by him were possible or if primary, three-phase service were available and provided the Customer pays in full the estimated cost of installing such equivalent transformer capacity at the time Delivery Service is initiated.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal voltage determined by the Company, generally 2,400/4,160, 4,800/8,320, 7,200/12,470, or 19,920/34,500 volts. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH

Customer Charge\$226.65 per month

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Demand Charges:

Per Kilowatt of Maximum Demand

Distribution Charges:

First 100 kilowatts.....	\$6.68
Excess Over 100 kilowatts.....	\$6.41
Distribution Adjustment Charge	\$x.xxx
Transmission Charge	\$7.04
Stranded Cost Recovery.....	\$0.83

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 200,000 kilowatt-hours.....	0.663¢
All additional kilowatt-hours	0.557¢
Stranded Cost Recovery.....	0.850¢

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

PRIMARY METERING LOSS ADJUSTMENT

When at the Company's option Delivery Service is metered at delivery voltage (2,400 volts nominal and above), all demand and energy meter readings shall be reduced by one and three-quarters percent (1.75%). Where feasible and at the Company's option, a value other than one and three-quarters percent (1.75%) may be used when specific data is available and this value is a more accurate representation of electrical losses.

MAXIMUM DEMAND

The kilowatt (KW) demand and, at the Company's option, the kilovolt-ampere (KVA) demand during each thirty-minute interval of the current monthly billing period shall be determined by measurement. Maximum demand shall be determined to the nearest whole (1.0) kilowatt (KW) or kilovolt-ampere (KVA) for billing purposes and shall be defined as the greater of:

- (1) the highest kilowatt (KW) demand registered during the on-peak hours of said period or if kilovolt-ampere (KVA) demand is measured, the greater of (a) the highest kilowatt (KW) demand during said period or, (b) 80 percent of the highest kilovolt-ampere (KVA) demand measured of said period or,
- (2) fifty percent (50%) of the maximum demand, as defined above, occurring during off-peak hours.

OFF-PEAK PERIODS

The off-peak period shall be the period including the hours after 8:00 p.m. and before 7:00 a.m. Monday through Friday, and the entire day on Saturdays, Sundays, and Holidays as defined in this Tariff. The on-peak period shall be all hours not included in the off-peak period.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as maybe determined by the operation of the sections in this rate entitled "Guarantees" and "Apparatus".

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum charge shall be \$1,043 per month.

APPARATUS

Substation foundations, structures, and all necessary controlling, regulating, transforming, and protective apparatus shall be furnished, owned, and maintained by the Customer at the Customer's expense. However, controlling, regulating, and transforming apparatus may be rented from the Company at a charge of eighteen percent (18.0%) per year of the equipment cost. The cost of installing such equipment shall be paid in full at the time service is initiated. In no event shall the Company be required to rent apparatus to the Customer the total cost of which shall exceed \$10,000. The Company may refuse to rent pole-mounted apparatus based on environmental and other immediate hazards that are present. In the event the Company refuses to rent a pole-mounted apparatus, the Company shall inform the Customer of the environmental and other immediate hazards that are present and shall provide the Customer with the opportunity to remove the hazards. In the event the environmental and the other immediate hazards are removed by the Customer, the Company shall agree to rent pole-mounted apparatus to the Customer. If a Customer-owned structure supporting a Company owned pole-mounted transformer is deemed insufficient or threatened by trees or other hazards, the Company shall inform the Customer of the hazards and shall provide the Customer with the opportunity to repair or remove the hazard. In the event the Customer refuses to repair or remove the hazard or does not repair or remove the hazard in a timely manner, the Company is authorized to terminate the existing rental agreement and to remove the transformer upon 90 days written notice to the Customer. In cases where the Customer elects to rent apparatus from the Company, the Customer shall guarantee, in addition to any other guarantees, to continue to pay rental therefor for a period of not less than four (4) years. Should the Customer discontinue service before four (4) years shall have elapsed, the guaranteed rental then unpaid shall immediately become due and payable.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

METERING

The Company may install one or more meters at its option. Metering shall be located on the low voltage side of the Customer's transforming apparatus provided, however, that metering may be at delivery voltage at the option of the Company.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

LARGE GENERAL DELIVERY SERVICE RATE LG

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose loads are larger than those that would be permitted under Rate GV of this Tariff. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL. Substation foundations and structures, and suitable controlling, regulating, and transforming apparatus, all of which shall be acceptable to and approved by the Company, together with such protective equipment as the Company shall deem necessary for the protection and safe operation of its system, shall be provided at the expense of the Customer.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal delivery voltage determined by the Company, generally 34,500 volts or higher. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH

Customer Charge \$719.88 per month

Demand Charges:

Per Kilovolt-Ampere of Maximum Demand

Distribution Charge..... \$5.83

Distribution Adjustment Charge \$x.xxx

Transmission Charge \$6.93

Stranded Cost Recovery..... \$0.30

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours.....0.556¢

Off-Peak Hours0.470¢

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Energy Charges (Continued...)

Per Kilowatt-Hour

Stranded Cost Recovery:

On-Peak Hours..... 0.256¢

Off-Peak Hours 0.171¢

MAXIMUM DEMAND

The kilovolt-ampere (KVA) demand during each thirty-minute interval of the current monthly billing period shall be determined by measurement. Maximum demand shall be determined for billing purposes to the nearest whole (1.0) kilovolt-ampere and shall be defined as the greater of:

- (1) the highest kilovolt-ampere demand registered during the on-peak hours of said period, or
- (2) fifty percent (50%) of the highest kilovolt-ampere demand registered during the off-peak hours of said period, except that for any portion of the Customer's highest off-peak kilovolt-ampere demand in excess of 30,000 kilovolt-amperes the multiplier applicable to the amount of such demand within each successive 10,000 kilovolt-ampere block of such excess portion shall be increased from fifty percent (50%) by successive ten percent (10%) increments, up to a maximum multiplier of one hundred percent (100%) for that portion of demand in excess of 70,000 kilovolt amperes, or
- (3) eighty percent (80%) of the amount by which the greatest amount defined in (1) and (2) above during the eleven (11) preceding months exceeds 1,000 kilovolt-amperes.

OFF-PEAK PERIOD

The off-peak period shall be the period including the hours after 8:00 p.m. and before 7:00 a.m., Monday through Friday, and the entire day on Saturdays, Sundays, and Holidays. The on-peak period shall be all hours not included in the off-peak period.

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as maybe determined by the operation of the sections in this rate entitled "Guarantees" and "Apparatus".

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

DISCOUNT FOR SERVICE AT 115,000 VOLTS

A monthly discount of forty-three cents (\$0.51) per kilovolt-ampere (KVA) of maximum demand shall be given to Customers who contract to take service under this rate at a delivery voltage of 115,000 volts and to pay charges based on a monthly maximum demand of at least 10,000 kilovolt-amperes. Except as provided in the last sentence of this paragraph, this discount is available only at specified delivery points on the 115,000 volt transmission system of the Company as it exists from time to time where, in the opinion of the Company, there is sufficient capacity in facilities to supply the Customer's requirement and where system integrity and operating flexibility will not be impaired by the addition of the Customer's load. The discount is available also at other delivery points, provided the Customer satisfies the Company's requirements determined under Paragraph (a) of the section of this rate entitled "Guarantees".

In the event that any Customer qualifying for and receiving the discount provided in this section shall require a substantially larger or substantially smaller amount of capacity, the Customer shall so notify the Company in writing at least two (2) years prior to the date when such larger or smaller amount shall be required.

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to deliver electrical energy properly to the Customer's point of delivery or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum monthly charge shall be \$1,124 per month.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

APPARATUS

Substation foundations, structures, and all necessary controlling, regulating, transforming, and protective apparatus shall be furnished, owned, and maintained by the Customer at the Customer's expense. However, controlling, regulating, and transforming apparatus may be rented from the Company at a charge of eighteen percent (18.0%) per year of the equipment cost. The cost of installing such equipment shall be paid in full at the time service is initiated. In no event shall the Company be required to rent apparatus to the Customer the total cost of which shall exceed \$10,000. The Company may refuse to rent pole-mounted apparatus based on environmental and other immediate hazards that are present. In the event the Company refuses to rent a pole-mounted apparatus, the Company shall inform the Customer of the environmental and other immediate hazards that are present and shall provide the Customer with the opportunity to remove the hazards. In the event the environmental and the other immediate hazards are removed by the Customer, the Company shall agree to rent pole-mounted apparatus to the Customer. If a Customer-owned structure supporting a Company owned pole-mounted transformer is deemed insufficient or threatened by trees or other hazards, the Company shall inform the Customer of the hazards and shall provide the Customer with the opportunity to repair or remove the hazard. In the event the Customer refuses to repair or remove the hazard or does not repair or remove the hazard in a timely manner, the Company is authorized to terminate the existing rental agreement and to remove the transformer upon 90 days written notice to the Customer. In cases where the Customer elects to rent apparatus from the Company, the Customer shall guarantee, in addition to any other guarantees, to continue to pay rental therefor for a period of not less than four (4) years. Should the Customer discontinue service before four (4) years shall have elapsed, the guaranteed rental then unpaid shall immediately become due and payable.

METERING

The Company may install one or more meters at its option. Metering shall be at delivery voltage, provided, however, that metering may be at a lower voltage at the option of the Company, in which case the maximum demand and kilowatt-hour energy use shall include the losses imposed by transformers between the delivery and metering points. In the latter case, the Company may at its option correct for the transformer losses by compensated metering or estimate such losses by another suitable method.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

BACKUP DELIVERY SERVICE RATE B

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for backup and maintenance Delivery Service provided by the Company in conjunction with electricity produced by generation facilities located on the Customer's side of the meter which supplies all or a portion of the Customer's electric load requirements on a regular basis. Service under this rate is mandatory for Customers who take Conjunctional Service as specified in the Terms and Conditions for Delivery Service, and who, except for their own generation, would otherwise qualify for service under either Rate GV or Rate LG. This rate is not mandatory for service to Customers whose generating equipment is installed for the purpose of providing a backup or emergency supply during service outages on the Company's system, nor is it mandatory for Customers whose generation was installed prior to and has not been rebuilt since January 1, 1985. Customers taking service under this rate shall be required to execute a Service Agreement for such service which shall be available only at the delivery point specified therein.

Any Customer taking service under this rate shall be subject to the provisions of:

a) Conjunctional Delivery Service under the Terms and Conditions for Delivery Service, and b) the applicable Delivery Service rate under which the Customer would otherwise take service from the Company if the Company delivered all the Customer's electricity requirements, except as such provisions may be modified by, or conflict with, the terms of this Rate Schedule.

The delivery of any electricity generated by the Customer in excess of the Customer's total electric load requirements and made available for sale to the Company or other entity shall be governed by the terms of a separate agreement.

DEFINITIONS

Standard Rate: The standard Delivery Service rate, either Primary General Delivery Service Rate GV or Large General Delivery Service Rate LG, under which the Customer would otherwise take service if the Company delivered all the Customer's electricity requirements.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Backup Contract Demand: An amount of demand which the Customer may impose on the Company's distribution system under this Rate Schedule to back up the Customer's generating facilities. Backup Contract Demand shall be the normal output rating in kilowatts of the Customer's generating facilities as determined by the Company from time to time by test operation for those Customers who have a non-zero Supplemental Demand (i.e., whose maximum demand exceeds their generating capacity). For Customers whose generating capacity is larger than their total internal load, Backup Contract Demand shall be based on thirty minute meter readings for on-peak periods during the current month and previous eleven months. For Customers who would otherwise be served under Rate GV, Backup Contract Demand shall be the greater of: a) the highest kilowatt demand during those periods, or b) 80% of the highest kilovolt-ampere demand during those periods. For Customers who would otherwise be served under Rate LG, Backup Contract Demand shall be the highest kilovolt-ampere demand during those periods.

Backup Demand: The amount of demand in kilowatts delivered to the Customer under this Rate Schedule during a particular thirty minute interval. Backup Demand shall be the lesser of: a) Backup Contract Demand minus the amount of generation registered by the generation meter, or b) the total amount of demand registered. If such amount is less than zero, it shall be deemed to be equal to zero.

Backup Energy: The amount of kilowatt-hours delivered to the Customer under this Rate Schedule during a particular thirty minute interval. Backup Energy shall be equal to Backup Demand for that thirty minute interval divided by two.

On-Peak Hours: The period from 7:00 a.m. to 8:00 p.m. weekdays excluding holidays.

Supplemental Demand: The amount of demand in kilowatts delivered to the Customer by the Company in excess of its Backup Demand during a particular thirty minute interval. Supplemental Demand shall be equal to the total amount of demand registered less the amount of Backup Demand taken. If such amount is less than zero, it shall be deemed to be equal to zero. The delivery of Supplemental Demand and related energy shall be billed under the Company's standard rate (Rate G, Rate GV, or Rate LG) available to the Customer for the amount of Supplemental Demand taken.

RATE PER MONTH

Administrative Charge	\$374.12 per month
Translation Charge	\$62.75 per recorder per month

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Demand Charges:

For Customers who take service at 115,000 volts or higher, the following charges apply:

Transmission Charge.....	\$0.83 per KW or KVA, whichever is whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate GV)....	\$0.41 per KW or KVA, whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate LG)....	\$0.15 per KW or KVA, whichever is applicable, of Backup Contract Demand

For all other Customers, in addition to the charges applicable to the Customers who take service at 115,000 volts or higher, the following additional charge applies:

Distribution Charge.....	\$4.92 per KW or KVA, whichever is applicable, of Backup Contract Demand
Distribution Adjustment Charge.....	\$x.xx per KW or KVA, whichever is applicable, of Backup Contract Demand

Energy Charges:

The energy charges contained in the Standard Rate for Delivery Service, except that the distribution charge is not applicable to Customers who take service at 115,000 volts or higher.

METERING

Metering shall be provided by the Company in accordance with the provisions of the Customer's Standard Rate, except as modifications to such metering may be required by the provisions of this rate. The Company may install any metering equipment necessary to accomplish the purposes of this rate, including the measurement of output from the Customer's generating facilities. Customer shall provide suitable meter locations for the Company's metering facilities. All costs of metering equipment in excess of costs normally incurred by the Company to provide service under Customer's Standard Rate shall be borne by the Customer.

REFUSAL TO PROVIDE ACCESS

In the event that the Customer refuses access to its premises to allow the Company to install metering equipment to measure the output of the Customer's generating facilities, the Company may estimate the amount of demand and energy delivered under this rate. The Customer shall be responsible for payment of all bill amounts calculated hereunder based on such estimates of demand and energy delivered.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as may be determined by the operation of the sections of Customer's Standard Rate entitled "Guarantees" and "Apparatus".

SPECIAL PROVISIONS

1. Notwithstanding the general provisions of this rate schedule, the Company may include such other provisions in Customer's Service Agreement, executed pursuant to this Rate B, as may be necessary to reflect the specific circumstances of such Customer, the operating characteristics of Customer's generating equipment or any other particular facts, without limitation, which are necessary, in the Company's sole judgment and subject to Commission approval, to give effect to the purpose and intent of this rate.
2. The Customer's failure to execute a Service Agreement pursuant to the terms of this Rate B shall not preclude the application of this rate to any partial requirements service provided by the Company to the Customer.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

OUTDOOR LIGHTING DELIVERY SERVICE RATE OL

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for the following applications:

- (a) unmetered street and highway lighting provided to municipalities, state highway departments, and other governmental bodies;
- (b) unmetered outdoor area lighting for private yards, parking lots, private roads, and other off-street applications.

All-night outdoor lighting service on an annual basis totaling approximately 4,345 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 2,005 hours of operation per year shall be provided for under this rate.

RATE PER MONTH

Energy Charge:

Per Kilowatt-Hour

Transmission Charge 1.394¢

Stranded Cost Recovery..... 1.596¢

Distribution Adjustment Charge x.xxx¢

In addition to the energy charges above, Customers shall be assessed a monthly Distribution Rate per luminaire. The Distribution Rate includes, among other costs, the cost of the fixture and bracket. The energy charge shall be applied to the monthly kilowatt-hours specified below for the applicable fixture and service option. For outdoor lighting charges which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatt-hours used for billing purposes shall be the amount specified for the calendar month in which the meter read date occurred for service rendered under the metered Rate Schedule.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

All-Night Service Option:

The monthly kilowatt-hours and distribution rates for each luminaire served under the all-night service option are shown below.

For New and Existing Installations:

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>												<u>Monthly Distribution Rate</u>
<u>Light Output Lumens</u>	<u>Power Rating Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
<u>High Pressure Sodium:</u>														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	\$14.21
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	14.21
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	18.90
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	26.72
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	27.39
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	27.69
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	44.44
<u>Light Emitting Diode (LED):</u>														
2,500	28	13	11	10	9	8	8	8	9	10	11	12	13	\$8.91
4,100	36	17	14	13	12	10	10	10	11	13	15	15	17	\$8.88
4,800	51	24	20	19	17	14	14	14	16	18	21	21	24	\$9.04
8,500	92	43	36	34	30	26	25	26	29	33	37	39	43	\$10.08
13,300	142	66	56	53	47	40	38	40	44	51	57	60	66	\$11.27
24,500	220	102	86	82	73	61	59	61	68	79	89	92	102	\$14.45
<u>Metal Halide:</u>														
5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$14.82
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	20.29
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	27.84
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	28.43
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	28.43
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	28.69
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	43.01

For Existing Installations Only:

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>												<u>Monthly Distribution Rate</u>
<u>Light Output Lumens</u>	<u>Power Rating Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
<u>Incandescent:</u>														
600	105	49	41	39	35	29	28	29	33	38	42	44	49	\$8.19
1,000	105	49	41	39	35	29	28	29	33	38	42	44	49	9.14
2,500	205	95	80	76	68	57	55	57	64	74	83	86	95	11.72
6,000	448	208	176	167	148	125	121	125	139	161	181	188	208	20.14
<u>Mercury:</u>														
3,500	100	54	46	44	39	33	32	33	36	42	47	49	54	\$12.53
7,000	175	95	80	76	68	57	55	57	64	74	83	86	95	15.08
11,000	250	136	114	109	96	81	79	81	91	105	118	123	136	18.64
15,000	400	211	178	169	149	126	122	126	140	163	183	190	211	21.33
20,000	400	211	178	169	149	126	122	126	140	163	183	190	211	23.02
56,000	1,000	503	424	403	357	302	292	302	335	390	436	454	503	36.60

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>												<u>Monthly</u>
<u>Light</u>	<u>Power</u>													<u>Distribution</u>
<u>Output</u>	<u>Rating</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>
<u>Lumens</u>	<u>Watts</u>													
Fluorescent:														
20,000	330	153	129	123	109	92	89	92	102	119	133	139	153	\$31.23
High Pressure Sodium in Existing Mercury Luminaires:														
12,000	150	84	71	67	59	50	49	50	56	65	73	76	84	19.54
34,200	360	192	162	154	136	115	112	115	128	149	166	173	192	25.02

The 15,000 Lumen Mercury fixture is fitted with a 20,000 lumen lamp. The 600 Lumen Incandescent fixture is fitted with a 1,000 lumen lamp.

Midnight Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>												<u>Monthly</u>
<u>Light</u>	<u>Power</u>													<u>Distribution</u>
<u>Output</u>	<u>Rating</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>
<u>Lumens</u>	<u>Watts</u>													
High Pressure Sodium:														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$14.21
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	14.21
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	18.90
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	26.72
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	27.39
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	27.69
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	44.44
Light Emitting Diode (LED):														
2,500	28	7	5	4	5	3	3	3	3	4	5	6	7	\$8.91
4,100	36	8	7	6	6	4	4	4	4	5	7	8	9	\$8.88
4,800	51	12	9	8	8	6	5	6	6	8	9	11	13	\$9.04
8,500	92	21	17	14	15	11	10	10	11	14	17	21	23	\$10.08
13,300	142	33	26	22	23	18	15	15	18	21	26	32	35	\$11.27
24,500	220	51	40	34	36	27	23	24	27	33	41	50	55	\$14.45

Metal Halide:														
5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$14.82
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	20.29
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	27.84
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	28.43
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	28.43
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	28.69
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	43.01

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

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 luminaire for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per luminaire 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. In the event the Customer is a residential or General Delivery Service Rate G Customer, the Company may coordinate and provide traffic control on the Customer's behalf and the Customer shall reimburse the Company for all costs associated with the traffic control provided by the Company. 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.

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 3.6 percent for the purpose of determining total energy charges under this rate.

CONTRACT TERM

The contract term for outdoor area lighting shall be for not less than one year.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

MAINTENANCE

The Company shall exercise reasonable diligence to ensure all street and highway lamps are burning and shall make replacements promptly when notified of outages. Lamp replacement, maintenance and cleaning of street and highway lighting fixtures will normally be performed on a periodic basis in accordance with generally accepted utility practices and consistent with any manufacturer's recommendations. Lamp replacement and maintenance of outdoor area lighting will be performed as soon as possible following notification by the Customer of the need for such service, but the Company shall not be required to perform any such replacement or maintenance except during regular working hours.

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

New installations, extensions and replacements using overhead wiring, a standard fixture, an all-night service option photocell and located upon existing poles of the Company, shall be made at the expense of the Company.

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 Supply", any costs incurred in connection with new installations, extensions and replacements which exceed the costs of a standard outdoor lighting fixture equipped with an all-night service option photocell located on existing poles with overhead wiring shall be borne by the Customer. Such excess costs shall be paid as a lump sum prior to the installation of the equipment.

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.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

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, fixtures, brackets, luminaires, 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, fixtures, brackets, luminaires, 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 those which will yield a reasonable return to the Company and to areas which are easily accessible by service truck. Installations of 4,000 lumen (50 watt) high pressure sodium luminaires will not be allowed as replacements of existing 3,500 lumen (100 watt) mercury luminaires unless the Customer agrees to pay for the remaining unexpired life of the retired equipment, including the unexpired portion of the cost of installation and the cost of removal less any salvage value of the equipment removed.

The total number of new installations, extensions, and replacements for outdoor lighting equipment may be limited by the Company in any calendar year to three (3) percent of the total number of units billed to the particular Customers at the beginning of such calendar year.

In cases where the Customer requests a change in or removal of existing outdoor lighting equipment which has not reached the end of its normal useful life, the Company may require the Customer to pay for the remaining unexpired life of the retired equipment, including the unexpired portion of the cost of installation and the cost of removal less any salvage value of the equipment removed.

All poles, wires, fixtures, brackets, luminaires, 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.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

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 4,345 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 2,005 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: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

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:

Per Kilowatt-Hour

Transmission Charge 1.394¢

Stranded Cost Recovery 1.596¢

Distribution Adjustment Charge x.xxx¢

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 kilowatt-hours specified below for the applicable fixture and service option. For outdoor lighting charges

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatt-hours 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.

All-Night Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Fixture</u>												<u>Monthly Distribution Rate</u>
<u>Light Output Lumens</u>	<u>Power Rating Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
High Pressure Sodium:														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	5.03
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	5.34
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	5.76
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	6.42
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	7.64
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	9.35
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	16.02
Metal Halide:														
5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$5.36
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	5.70
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	6.43
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	6.60
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	7.46
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	9.18
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	15.84

LED's and other technologies accepted by the Company:

	<u>Per Fixture</u>	<u>Per Watt</u>
Monthly Distribution Rates	\$1.92	\$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

<u>Monthly Hours of Operation</u>											
<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
465	392	372	330	279	270	279	310	360	403	420	465

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Midnight Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Fixture</u>												<u>Monthly Distribution Rate</u>
<u>Light Output Lumens</u>	<u>Power Rating Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
<u>High Pressure Sodium:</u>														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$5.03
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	5.34
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	5.76
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	6.42
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	7.64
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	9.35
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	16.02
<u>Metal Halide:</u>														
5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$5.36
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	5.70
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	6.43
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	6.60
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	7.46
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	9.18
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	15.84

LED's and other technologies accepted by the Company:

	<u>Per Fixture</u>	<u>Per Watt</u>
Monthly Distribution Rates	\$1.92	\$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

<u>Monthly Hours of Operation</u>											
<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
233	182	155	165	124	105	108	124	150	186	225	248

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 3.6 percent for the purpose of determining total energy charges under this rate.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

MAINTENANCE

The Company shall exercise reasonable diligence to ensure 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.

	<u>Per-Fixture Per-Visit</u>
Maintenance Charge.....	\$95.00 plus cost of materials

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.

Issued:	May 28, 2019	Issued by:	<u>William J. Quinlan</u>
Effective:	July 1, 2019	Title:	<u>President and Chief Operating Officer</u>

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 Supply", 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 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;

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

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.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

DEFAULT ENERGY SERVICE RATE DE

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

	<u>Per Kilowatt-Hour</u>					
	February	March	April	May	June	July
	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>
Base Rate	16.376¢	13.494¢	11.381¢	10.844¢	9.267¢	9.734¢
Reconciliation Adjustment	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢
Renewable Portfolio Standard	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢
<u>Administrative & General</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>
Total Rate Per Month	16.749¢	13.867¢	11.754¢	11.217¢	9.640¢	10.107¢

Applicable to all other customers:

	February 2019 – July 2019
	<u>Per Kilowatt-Hour</u>
Base Rate	9.612¢
Reconciliation Adjustment	0.000¢
Renewable Portfolio Standard	0.275¢
<u>Administrative & General</u>	<u>0.098¢</u>
Total Rate Per Month	9.985¢

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

SMART START
ENERGY EFFICIENCY PROGRAM

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for the installation of energy efficiency and load management measures for municipalities in offices, schools, and other municipal buildings. The energy efficiency and load management measures will be installed at the Company's expense and the Customer shall reimburse the Company through charges added to the Customer's regular monthly bill. Upon the Customer's request, the Company may utilize a fixed price estimate for the installed cost of energy efficiency and load management measures installed by the Company to determine eligibility and the monthly charges under this rate. If the Customer enters into an agreement based upon the fixed price estimate, both the Customer and the Company will be bound by that fixed price estimate. This rate is for a basic utility service and the Customer is liable for payment of the charges under this rate under the same conditions as any other charges for basic utility service including, but not limited to, the Customer's service being subject to disconnection for nonpayment in accordance with the rules of the Commission.

At its sole discretion, the Company shall determine eligibility for service under this rate subject to (1) the availability of funds budgeted for this program, (2) the suitability of approved energy efficiency and load management measures for the Customer's location and the likelihood that the measures will be used and useful throughout their estimated life, (3) a minimum project cost requirement of \$1,000 which may be met by aggregating project costs from multiple delivery service accounts, and (4) the Company's determination that the measures chosen are estimated to produce sufficient energy or demand savings to offset the total costs of the measures. Although the Company expects that all Customers participating in the Smart Start Energy Efficiency Program will receive lower monthly electric bills, there is no guarantee of savings.

Any Customer taking service under this rate must be and remain a full requirements delivery service Customer. In the event the Customer does not remain a full requirements delivery service Customer, any remaining charges under this rate shall immediately become due and payable.

COMPANY RESPONSIBILITIES

The Company will act as the Customer's agent in selecting energy efficiency and or load management measures which are suitable for the Customer's end uses of electricity and which are estimated to produce sufficient savings in energy usage or demand. The Company may arrange for a supplier or contractor (1) to install the measures (2) to instruct the Customer on the proper use, operation and maintenance of the measures and (3) to certify that the measures are properly installed and operating as designed. Upon notification by the Customer that work is complete, the Company will verify that the measure(s) have been installed and arrange for payment to the contractor.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

After receiving notice from the Customer, the Company will evaluate any report of a failed measure(s), and at its option, the Company will cause the measure(s) to be repaired or replaced when necessary or will terminate charges under this rate.

The Company will inform all new Customers at a location where energy efficiency or load management measures have been installed as to the existence of any unbilled charges remaining under this rate for that location. If the former Customer received service under an accelerated payment period term, the Company will inform the new Customer that they may revert at any time to the minimum monthly charge that was available to the former Customer. The Company will also inform these Customers of the benefits associated with the measure(s) and their responsibility for the payment of the remaining charges under this rate and other obligations.

CUSTOMER RESPONSIBILITIES

Prior to the installation of any energy efficiency or load management measures, the Customer will sign a Smart Start Agreement which will provide that the Customer is responsible for:

- (1) payment of the monthly charges under this rate in addition to all other charges on the monthly bill;
- (2) informing the Company if the measures fail completely or malfunction so that the estimated reductions in demand and energy use cannot be realized;
- (3) maintaining the energy efficiency or load management measures at the service location and taking reasonable steps to prevent damage to such measures;
- (4) becoming fully informed concerning the routine operation and maintenance of the energy efficiency or load management measures installed at the service location;
- (5) allowing access by the Company, at reasonable times, for any inspection or repair of the energy efficiency or load management measures to the extent the Company is responsible for such repairs as described above; and
- (6) accepting responsibility for the cost of out of warrantee repairs. Customers may accept such responsibility through any of the following:
 - (a) the customer may repair the measure(s) themselves,
 - (b) the customer and/or customer's casualty insurance may pay for repairs,
 - (c) the customer may agree to an extension of the number of monthly payments to cover the Company's cost of repair.

A Customer's obligation to pay for the measure(s) ends when the Customer closes their account. If the Customer is the owner or lessor of the premises, the Customer must inform all prospective purchasers or renters of the location that there is an unexpired obligation under this rate. Whenever a Customer applies for service at a location which was the subject of a previous Smart Start Agreement, payment for which has not been completed, such Customer shall become responsible for the remaining balance. If the location was the subject of an accelerated payment term, the new Customer has the option to revert at any time to the minimum monthly charge that was available to the former Customer. Acceptance of electric service constitutes acceptance of the obligations under this rate by the new Customer.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

LANDLORD'S AND LESSOR'S RESPONSIBILITIES

In order to be eligible to accept the installation of the energy efficiency or load management measures in a location which is rented or leased to tenants who currently are Customers of the Company or future tenants of such locations who will apply for service from the Company at such locations, the owner and the landlord or lessor (in case the landlord or lessor is not the owner) must enter into a Smart Start Agreement under which they agree:

- (1) to cooperate in obtaining the consent of any existing tenants to enter into a Smart Start Agreement with the Company,
- (2) to inform all prospective new tenants of the obligation to enter into a Smart Start Agreement for the remaining balance of any previous Smart Start Agreement attributable to the rented or leased location; and
- (3) to inform all subsequent owners or lessors of these obligations with respect to informing tenants of their obligation to enter into a Smart Start Agreement.

Landlords and lessors of service locations must also agree to allow the Company access to any measures in order to inspect or repair the measures.

PRICING AND CONTRACT TERM

The Smart Start Agreement will specify the monthly charge and the term of the payment period. A Customer can choose to accelerate the payment period term by paying a higher monthly charge or a Customer can choose to pay the remaining balance owed to the Company at any time. Customers selecting an accelerated payment period term can revert at any time to the minimum monthly charge available to the Customer. The term of the Smart Start Agreement may be extended by the Company to recover its costs for out of warrantee repairs or missed payments.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL ENERGY EFFICIENCY LOAN PROGRAM

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this program shall allow Customers installing energy-efficiency measures under an energy efficiency program offered by the Company and approved by the Commission ("Participating Customers") to borrow all or a portion of the Customer's share of the installed cost of the energy-efficiency measures ("Customer Loan Amount") through an additional charge on their monthly electric service bill issued by the Company. It is available to Participating Customers with existing agreements as well as Participating Customers who meet the following qualifications:

1. The Customer must own the residential property where the energy-efficiency measures are installed; and
2. The Customer must have an active Delivery Service account with the Company for the property where the energy-efficiency measures are installed and receive Delivery Service under Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD; and
3. The Customer must have a Fair Isaac and Company ("FICO") credit score of 680 or higher; and
4. The Customer must have good credit with the Company, which is defined as a Customer that has not received a disconnect notice from the Company during the twelve months preceding the Customer's request for service under this program; and
5. The Customer Loan Amount must be greater than or equal to \$500 and less than or equal to \$2,000 and must not exceed the Customer's share of the installed cost of the energy-efficiency measures installed under the Company's approved energy-efficiency program.

At its sole discretion, the Company shall determine eligibility for service under this program subject to the availability of program funds.

Any Customer taking service under this program must remain a Delivery Service Customer of the Company at the residential property where the energy-efficiency measures are installed. In the event the Customer does not remain a Delivery Service Customer of the Company at the residential property where the energy-efficiency measures are installed, any remaining charges under this program shall immediately become due and payable.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

CUSTOMER LOAN AGREEMENT

Participating Customers shall be required to execute a separate Customer Loan Agreement which will specify the fixed monthly charge and the terms of the payment period. A Customer can choose to pay the remaining balance owed to the Company at any time. A late payment charge as described in the Terms and Conditions for Delivery Service section of the Company's Tariff is applicable to the monthly charges rendered under this program. Participating Customers are not subject to disconnection of electric service for nonpayment of the charges under this program.

The Customer Loan Amount shall be paid to the Company by the Participating Customer through a fixed monthly charge applied over a term of months as established in the Customer Loan Agreement. Participating Customers may specify the repayment term of the Customer Loan Amount subject to the maximum repayment term limit of 24 months.

Issued: May 28, 2019

Issued by: William J. Quinlan

Effective: July 1, 2019

Title: President and Chief Operating Officer

Attachment EAD-2 (Permanent)
MARKED COPIES OF PROPOSED TARIFF PAGES

NHPUC NO. ~~910~~ – ELECTRICITY DELIVERY

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

TARIFF FOR ELECTRIC DELIVERY SERVICE

in

Various towns and cities in New Hampshire,
served in whole or in part.

(For detailed description, see Service Area)

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: /s/ William J. Quinlan
William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS

	<u>Page</u>
TERMS AND CONDITIONS FOR DELIVERY SERVICE	
1. Service Area	5
2. Definitions.....	7
3. General.....	9
4. Availability.....	10
5. Application, Contract and Commencement of Service.....	10
6. Selection of Supplier or Self-Supply Service by a Customer	11
7. Termination of Supplier Service or Self-Supply Service.....	12
<u>8. Unauthorized Switching of Suppliers</u>	<u>12</u>
<u>8-9.Customer Request to Block Switching from Default Energy Service</u>	<u>12</u>
<u>9-10.Conditions of Delivery Service.....</u>	<u>12</u>
<u>11.Deposits, Payments, Refusal or Discontinuance of Service</u>	<u>13<u>2</u></u>
<u>10-12.Returned Payment Charge for Insufficient Funds.....</u>	<u>14<u>2</u></u>
<u>11-13.Failure of Payment Agent to Remit Payment.....</u>	<u>14</u>
<u>12-14.Refusal to Serve</u>	<u>14</u>
<u>13-15.Maximum Demand</u>	<u>14</u>
<u>14-16.Meters</u>	<u>15</u>
<u>15-17.Customer Use of Electricity.....</u>	<u>16</u>
<u>16-18.Compliance</u>	<u>16</u>
<u>17-19.Resale of Delivery Service.....</u>	<u>17</u>
<u>18-20.Company Property</u>	<u>17</u>

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS (Continued)

	<u>Page</u>
19 21. Holidays	18
20 22. Conjunctional Service	18
21 23. Conditions Under Which This Tariff is Made Effective.....	19
22 24. Customer Choice of Rate	20
23 25. Statement by Agent	20
24 26. Third Party Claims and Non-Negligent Performance	20
25 27. Charges for Temporary Services.....	20
26 28. Underground Service	21
<u>29. Diversion and Meter Tampering</u>	<u>21</u>
27 30. Stranded Cost Recovery Charge	21
28 31. Transmission Cost Adjustment Mechanism.....	21B
29 32. System Benefits Charge	22
<u>33. Distribution Recovery Adjustment Mechanism.....</u>	<u>22</u>
30 34. Late Payment Charge	23
31 35. Loss of Service Investigation Charge.....	23
32 36. Rates for Purchases from Qualifying Facilities	24
33 37. Line Extensions.....	25
34 38. Interconnection Standards for Generating Facilities.....	30

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~January 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

TABLE OF CONTENTS (Continued)

Page

TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS

1. Obligations of Suppliers	31
2. Services and Schedule of Charges	32
(a) Customer Usage Data	32
(b) Interval Data Services.....	33
(c) Customer Load Analysis.....	35
-	
(d) Supplier Customer Service	35
(e) Billing and Payment Service	35
(f) Off-Cycle Meter Reading.....	36
-	
3. Initiation and Termination of Supplier Service.....	36
(a) Initiation.....	36
(b) Termination	37
(c) Customer Moves.....	37
(d) Other.....	38
<u>4. Exclusion of Supplier from Providing Service</u>	<u>38</u>
4.5 . Interruption, Disconnection and Refusal of Delivery Service	38
5.6 . Metering	38
6.7 . Determination of Hourly Loads for ISO-NE Reporting.....	39
7.8 . Liability	40

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

TABLE OF CONTENTS (Continued)

	<u>Page</u>
DELIVERY SERVICE RATE SCHEDULES	
Residential Delivery Service Rate R.....	41
Residential Time-of-Day Delivery Service Rate R-OTOD	44
Residential Electric Assistance Program Rate EAP	48
General Delivery Service Rate G.....	50
General Time-of-Day Delivery Service Rate G-OTOD.....	54
Load Controlled Delivery Service Rate LCS.....	57
Primary General Delivery Service Rate GV	61
Large General Delivery Service Rate LG	66
Backup Delivery Service Rate B.....	70
Outdoor Lighting Delivery Service Rate OL	74
Energy Efficient Outdoor Lighting Delivery Service Rate EOL	80
Voluntary Interruption Program Rate VIP	87
ENERGY SERVICE RATE SCHEDULES	
Default Energy Service Rate DE.....	87 90
ENERGY EFFICIENCY PROGRAM	
Smart Start Rate SSP	88 92
Residential Energy Efficiency Loan Program.....	91 5

Issued: ~~February 28, 2018~~May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~March 1, 2018~~July 1, 2019

Title: President and Chief Operating Officer

TERMS AND CONDITIONS FOR DELIVERY SERVICE

1. Service Area

The territory authorized to be served by this Company and to which this Tariff applies is as follows:

Albany#	Bridgewater#	Danbury#	Freedom#
Alexandria*	Bristol#	Danville**	Fremont#
Allenstown#	Brookfield#	Deerfield*	Gilford#
Alstead**	Brookline	Deering	Gilmanton
Alton**	Cambridge	Derry#	Gilsum
Amherst	Campton*	Dover	Goffstown
Andover**	Candia*	Dublin	Gorham
Antrim	Canterbury*	Dummer	Goshen*
Ashland**	Carroll	Dunbarton#	Grafton#
Atkinson*	Charlestown*	Durham#	Grantham#
Auburn#	Chatham	Easton*	Greenfield
Barnstead*	Chester*	Eaton#	Greenland
Barrington	Chesterfield	Effingham	Greenville
Bath#	Chichester*	Enfield**	Green's Grant
Bedford	Claremont#	Epping#	Hampstead#
Belmont#	Clarksville*	Epsom*	Hampton**
Bennington	Colebrook*	Errol	Hancock
Berlin	Columbia*	Exeter**	Hanover**
Bethlehem#	Concord**	Farmington#	Harrisville
Boscawen**	Conway*	Fitzwilliam	Haverhill*
Bow**	Cornish*	Francestown	Hebron#
Bradford	Croydon#	Franconia	Henniker
Brentwood*	Dalton	Franklin#	Hill**

Company serves over 90 percent of the customers in this municipality. (See Note)

* Company serves less than 90 percent but more than 10 percent of the customers in this municipality. (See Note)

** Company serves less than 10 percent of the customers in this municipality. (See Note)

Note: Limited areas of towns so identified above are as shown on the maps filed separately with the Commission and incorporated in this Tariff by reference.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

Hillsborough	Meredith**	Pembroke#	Stratford
Hinsdale	Merrimack	Peterborough	Stratham**
Hollis	Middleton	Piermont*	Sugar Hill
Hooksett	Milan	Pinkham's Grant	Sullivan
Hopkinton#	Millsfield	Pittsburg#	Sunapee*
Hudson	Milford	Pittsfield#	Surry#
Jaffrey	Milton	Plainfield*	Sutton#
Jefferson	Mont Vernon	Plymouth**	Swanzy
Keene	Nashua	Portsmouth	Tamworth#
Laconia#	Nelson	Randolph	Temple
Lancaster	New Boston	Raymond*	Thornton
Landaff*	New Castle	Richmond	Tilton
Lee*	New Durham*	Rindge	Tuftsboro*
Lempster**	New Hampton*	Rochester	Troy
Lincoln**	New Ipswich	Rollinsford	Unity*
Lisbon#	New London	Roxbury	Wakefield#
Litchfield	Newbury	Rye	Warner
Littleton**	Newfields	Salisbury*	Washington
Londonderry	Newington	Sanbornton#	Waterville**
Loudon	Newmarket	Sandown*	Weare
Lyman#	Newport#	Sandwich*	Webster*
Lyme*	North Hampton	Seabrook**	Wentworth's
Lyndeboro	Northfield*	Sharon	Location
Madbury	Northumberland	Shelburne	Westmoreland
Madison#	Northwood#	Somersworth	Whitefield
Manchester	Nottingham*	Springfield*	Wilmot**
Marlboro	Orange**	Stark	Wilton
Marlow#	Orford*	Stewartstown*	Winchester
Martin's Location	Ossipee*	Stoddard	Windham#
Mason	Pelham**	Strafford	Windsor

Company serves over 90 percent of the customers in this municipality. (See Note)

* Company serves less than 90 percent but more than 10 percent of the customers in this municipality. (See Note)

** Company serves less than 10 percent of the customers in this municipality. (See Note)

Note: Limited areas of towns so identified above are as shown on the maps filed separately with the Commission and incorporated in this Tariff by reference.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

2. Definitions

The following words and terms shall be understood to have the following meanings when used in this Tariff, including in any agreements entered into under this Tariff:

Application: A request by a Customer for Delivery Service pursuant to the provisions of this Tariff.

Commission: The State of New Hampshire Public Utilities Commission.

Company: Public Service Company of New Hampshire dba Eversource Energy.

Customer: Any person, firm, corporation, cooperative marketing association, utility or government unit or sub-division of a municipality or of the state or nation supplied with Delivery Service by the Company. Each Delivery Service account shall be considered a separate and distinct Customer.

Customer Choice Date: May 1, 2001.

Default: A Supplier's or its Market Participant member's failure or inability to maintain good standing with ISO-NE pursuant to the terms of ISO-NE Inc. Transmission, Markets, and Service Tariff, including a Financial Assurance Default, or the Supplier's or Market Participant member's failure or inability to maintain good standing with the requirements of the Commission.

Default Energy Service ("Default Service"): Electric energy, capacity and ancillary services supplied to a Customer by the Company. Service shall be supplied during periods in which a Customer is not receiving Self-Supply Service or Supplier Service. Default Service shall be provided in accordance with Default Energy Service Rate DE and shall be provided in conjunction with the applicable Delivery Service Rate Schedule.

Delivery Service: The delivery of electric power by the Company to a Customer under this Tariff.

Electronic Enrollment: A request submitted electronically to the Company by a Supplier for the initiation of Supplier Service to a Customer.

Energy Service Provider ("Supplier"): Any entity registered with the Commission and authorized by the Commission to supply electricity to retail users of electricity in the state of New Hampshire.

Eversource Energy System Companies: The operating companies of Eversource Energy other than Public Service Company of New Hampshire.

FERC: The Federal Energy Regulatory Commission.

Financial Assurance Default: A Supplier's or its Market Participant member's failure or inability to meet financial requirements as determined by ISO-NE.

Issued: ~~February 28, 2018~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~April 1, 2018~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,104 in Docket No. DE-18-002, dated February 22, 2018.~~

Force Majeure: Any cause beyond the reasonable control of, and without the fault or negligence of, the Party claiming Force Majeure. It shall include, without limitation, sabotage, strikes or other labor difficulties, soil conditions, riots or civil disturbance, acts of God, acts of public enemy, drought, earthquake, flood, explosion, fire, lightning, landslide, sun storms or similarly cataclysmic occurrence, or appropriation or diversion of electricity by sale or order of any governmental authority having jurisdiction thereof. Economic hardship of either Party shall not constitute a Force Majeure under this Tariff.

Information and Requirements for Electric Supply: The booklet prepared by the Company to establish standardized rules and regulations for the installation of electric service connections within the Company's Service Area.

ISO-NE: The Independent System Operator of New England, the NEPOOL operating center that centrally dispatches the electric generating and transmission facilities owned or controlled by NEPOOL participants to achieve the objectives of the NEPOOL Agreement.

ISO-NE Rules: The Restated NEPOOL Agreement, ISO Tariff, ISO Manual and Participant's Agreement or by ISO-NE.

Local Network: The transmission and distribution facilities which are owned, leased and maintained by the Company, which are located in the states of New Hampshire and Maine and that are used to provide Delivery Service under this Tariff. The Local Network does not include any capacity or transmission or distribution facilities owned, leased or supported by the Eversource Energy System Companies.

Market Participant: An entity that has registered with ISO-NE to participate in New England's suite of wholesale electricity markets. They may produce, buy, sell, or transport wholesale electricity in the region.

Metering Domain: Connection points created within the ISO-NE settlement power system model that facilitate the calculation of the unmetered load asset value to ensure all generation and load is accounted for in the New England control area.

NEPOOL: The New England Power Pool.

Parties or Party: The Company and/or one or more Customers under this Tariff.

Payment Agent: Any third-party authorized by a Customer to receive and pay the bills rendered by the Company for service under this Tariff.

PTF Facilities: All pool transmission facilities included in the NEPOOL Open Access Transmission Tariff on file with the FERC.

Rate Schedule: The Rate Schedules included as part of this Tariff.

Restated NEPOOL Agreement ("NEPOOL Agreement"): An agreement between the NEPOOL participants dated September 1, 1971 and restated December 31, 1996, as amended from time to time.

~~**Requirements for Electric Service Connections:** The booklet prepared by the Company to establish standardized rules and regulations for the installation of electric~~

~~Authorized by NHPUC Order No. 26,116 in Docket No. DE 18-023 dated March 29, 2018~~

~~service connections within the Company's Service Area.~~

Issued: ~~April 2, 2018~~May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~April 1, 2018~~July 1, 2019

Title: President and Chief Operating Officer

Self-Supply Service: Electric energy and capacity purchased by a Customer directly from the Independent System Operator of New England or the New England Power Pool.

Settlement Agreement: The 2015 Public Service Company of New Hampshire Restructuring and Rate Stabilization Agreement as approved by the Commission in Order No. 25,920.

Supplier-Rendered Energy Service (“Supplier Service”): The sale of energy and capacity including ancillary services to a Customer by a Supplier.

Suspension or Suspended: An action taken by ISO-NE to remove a Supplier, or its Market Participant member, from active Market Participant status.

Tariff: This Delivery Service Tariff and all Rate Schedules, appendices and exhibits to such Tariff.

3. General

The Company undertakes to render dependable Delivery Service in accordance with this Tariff, of which these Terms and Conditions are a part, as on file from time to time with the Commission and legally in effect; such undertaking being subject to the applicable rules and regulations of the Commission and to the Company's “~~Requirements for Electric Service Connections~~Information and Requirements for Electric Supply.”

Although the Company will endeavor to make the service rendered as continuous and uninterrupted as it reasonably can, Delivery Service is subject to variations in its characteristics and/or interruptions to its continuity. Therefore, the characteristics of the Delivery Service may be varied and/or such service to any Customer or Customers may be interrupted, curtailed, or suspended in the following described circumstances; the obligations of the Company to render service under this Tariff are subject to such variance, interruption, curtailment, or suspension:

- (a) When necessary to prevent injury to persons or damage to property.
- (b) When necessary to permit the Company to make repairs to or changes and improvements in a part or parts of the Company's electrical facilities; such action to be taken upon reasonable notice to the Customers to be affected, if practicable, or without any notice in an emergency when such notification would be impracticable or would prolong a dangerous situation.
- (c) When conditions in a part or parts of the interconnected generation-transmission system of which the Company's facilities are a part make it appear necessary for the common good.
- (d) When such variance, including a reversal of supply, or such interruption, curtailment or suspension is a result of Force Majeure as defined in this Tariff and any cause except willful default or neglect on the Company's part.

The Company shall not be responsible for any loss, cost, damage or expense to persons and/or property resulting therefrom.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

The Company does not undertake to regulate the voltage or frequency of its service more closely than is standard commercial practice or required by the rules of the Commission. If the Customer requires regulation of voltage or frequency that is more refined, the Customer shall furnish, install, maintain and operate the necessary apparatus at the Customer's expense.

4. Availability

Delivery Service shall be available to a Customer who has made an Application and has satisfied all of the requirements of this Tariff. Delivery Service shall be available solely for the delivery of electricity from a Supplier to a Customer or for the delivery of Default Service or Self-Supply Service to a Customer.

In the event that a conflict arises between this Tariff and the Terms and Conditions specifically related to transmission service under the ISO-NE Transmission, Markets, and Services Tariff ("ISO-NE Tariff"), including Schedule 21-ES, or successor thereto, then such ISO-NE Tariff will apply.

In the event a conflict arises between this Tariff and the Settlement Agreement, then the Settlement Agreement will take precedence over this Tariff.

In the event that a Customer is not receiving Self-Supply Service and is not receiving Supplier Service from a Supplier for any reason, the Company will arrange Default Service provided the Customer has satisfied all the requirements for service under this Tariff.

5. Application, Contract and Commencement of Service

Application by the Customer for Delivery Service may be made to the Company at any time. Whether or not an Application for service is made by the Customer and accepted by the Company, the rendering of the service by the Company and its use by the Customer shall be deemed a contract between the parties and subject to all provisions of the Tariff, as in effect from time to time, applicable to the service.

Except as otherwise specifically provided for under a rate, all rates are predicated on a period of service at one location of not less than twelve (12) consecutive months with monthly billing and monthly payment. The rendering of bills to Customers under this Tariff shall be performed exclusively by the Company.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

6. Selection of Supplier or Self-Supply Service by a Customer

Any Customer requesting or receiving Delivery Service under this Tariff is responsible for selecting or changing a Supplier or selecting Self-Supply Service. The Company shall process a change in or initiation of Supplier Service or Self-Supply Service within two business days of receiving a valid Electronic Enrollment from a Supplier or notice from the Customer in the case of Self-Supply Service. The Supplier or the Customer in the case of Self-Supply Service must satisfy all the applicable requirements of this Tariff and the Commission's rules prior to the commencement of Supplier Service or Self-Supply Service. The date of change in, or initiation of, Supplier Service or Self-Supply Service shall commence upon the next meter reading date for the Customer provided the Company receives and successfully processes the Electronic Enrollment from a Supplier or notice from the Customer in the case of Self-Supply Service at least two business days prior to the regularly scheduled meter reading cycle date for the Customer.

The Company shall accept no more than one Supplier for a Customer during any particular monthly billing cycle.

For a new service location for which a Customer requests Delivery Service, the Company must receive an Electronic Enrollment from a Supplier to enable the rendering of Supplier Service in conjunction with Delivery Service or notice from the Customer to enable the rendering of Self-Supply Service in conjunction with Delivery Service. If an Electronic Enrollment has not been received by the Company from a Supplier for any reason or notice has not been received from the Customer to enable the rendering of Self-Supply Service, energy and capacity shall be provided under Default Energy Service.

If an Electronic Enrollment fails to meet the requirements of this Tariff, the Company shall, within one business day of receipt of the Electronic Enrollment, notify the Supplier requesting service of the reasons for such failure.

The Customer or its designee shall ensure that all information provided to the Company for Delivery Service is accurate and shall provide the Company with prompt notification of any changes thereto. The Customer's Supplier shall also ensure that all information contained in the Supplier's Electronic Enrollment is accurate and shall provide the Company with prompt notification of any changes thereto.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

7. Termination of Supplier Service or Self-Supply Service

To terminate Supplier Service from a particular Supplier, a Customer may either have the Supplier of record send to the Company a "Supplier Drops Customer" transaction, in accordance with the Terms and Conditions for Energy Service Providers section of this Tariff, or request Supplier Service from an alternative Supplier. Supplier Service from the Supplier of record shall terminate on the next meter read date provided the Company has received either a valid "Supplier Drops Customer" notice from the Supplier of record or a valid Electronic Enrollment from a new Supplier at least two business days prior to the regularly scheduled meter read date.

To terminate Self-Supply Service, a Customer may either provide notice to the Company or request Supplier Service from a Supplier. Self-Supply Service shall terminate on the next meter read date provided the Company has received notice from the Customer or has received a valid Electronic Enrollment from a Supplier at least two business days prior to the regularly scheduled meter read date.

8. Unauthorized Switching of Suppliers

The Company is not responsible for any loss or damage (direct, indirect or consequential) to any persons resulting from the Company's processing of an unauthorized Electronic Enrollment received from a Supplier.

9. Customer Request to Block Switching from Default Energy Service to Supplier Service

Customers receiving service under Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G or General Time-of-Day Rate G-OTOD and energy service under Default Energy Service Rate DE may request that the Company block Electronic Enrollments from Suppliers. Such a block will take effect and will terminate upon a Customer's notification to the Company's customer service center.

910. Conditions of Delivery Service

Under the NEPOOL Agreement, the day-to-day operation of the generation and transmission systems of NEPOOL Participants, including the Company, is subject to ISO-NE dispatch and control. It is understood that occasions may arise where ISO-NE imposes limitations on service rendered under this Tariff in order to reliably operate the regional bulk power system in accordance with ISO-NE Operating Procedures. The Company shall not be liable for any actions taken by ISO-NE in the performance of the Company's duties under the NEPOOL Agreement and related operating guidelines and procedures.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

101. Deposits, Payments, Refusal or Discontinuance of Service

Until a Customer has established satisfactory credit relations or when unsatisfactory credit relations exist, the Company may require security in the form of a cash deposit or an irrevocable written guarantee of a responsible third party. Cash deposits should not be less than \$10.00 nor more than the estimated bill for Delivery Service and Default Service for a period of two (2) high use months. The highest use month will not be used in determining the amount of deposit.

Interest on all deposits shall be accrued at a rate equal to the base rate on corporate loans at large United States money center commercial banks (the Prime Rate), from the date of deposit to the date of termination. The monthly simple interest rate on deposits shall be fixed on a quarterly basis for quarterly periods ending March, June, September and December of each calendar year and shall be established as one-twelfth (1/12) of the annual Prime Rate reported in The Wall Street Journal on the first business day of the month preceding the calendar quarter. If more than one Prime Rate is reported in The Wall Street Journal, the average of the reported rates shall be used. Deposits plus accrued simple interest thereon, less any amount due the Company, will be refunded to the Customer when satisfactory credit relations have been established, or upon termination of service. The refund of accrued interest amounts shall be made by the Company pursuant to the rules of the Commission. When a deposit or balance of a deposit cannot be refunded because the Company is unable to locate the Customer, no additional interest shall be accrued on the deposit.

Charges for service under rates in this Tariff are predicated upon monthly billing, which as far as practicable will be thirty (30) days apart, and will be due upon presentation of bill. The Company may discontinue service for non-payment after a bill, or a portion thereof, becomes thirty (30) days overdue, or for other good cause, in accordance with applicable statutes and the rules and regulations of the Commission in effect at the time. Service to the Customer may be discontinued at the location where the Company furnished the service for which the overdue bill was rendered; or, if service is no longer being furnished to the Customer at that location, the Company may discontinue service at the current location, if the debt is uncontested and accrued within the past three years, subject to the Commission's Rules and Regulations.

When service has been disconnected for nonpayment, the Company may make a reasonable charge for reconnection before service is restored.

Except as otherwise specifically provided in any agreement between the Company and the Customer, charges for service furnished under this Tariff shall continue until such time as the Company shall receive reasonable notice from the Customer of a desire to terminate the service. The date of termination shall be the date specified by the Customer but not sooner than four business days from the date the Customer notified the Company.

The Company may require an applicant, as a condition of new service, to enter into a reasonable repayment plan for an uncontested debt owed to the Company within the past three years. Uncontested debt shall include any amounts for services provided by the Company before the Customer Choice Date and/or any amounts for Delivery Service and any Default Service furnished to the applicant. The Company may require the applicant to pay a security deposit or provide a written third-party guarantee as allowed under the rules and regulations of the Commission.

~~Whenever a Customer makes payment to the Company for service under this Tariff with a check or draft that is not accepted by the institution on which it is written, the Company shall make a charge to the Customer of either \$5.00 or the actual administrative cost of recovery, whichever amount is greater.~~

Issued: ~~March 24, 2016~~ May 28, 2019
Effective: ~~May 1, 2016~~ July 1, 2019

Issued by: William J. Quinlan
Title: President and Chief Operating Officer

12. Returned Payment Charge for Insufficient Funds

The Company shall assess a returned payment charge of \$13 per returned payment to any Customer whose payment to the Company is dishonored by the Customer's financial institution when presented by the Company. Receipt of a check or payment instrument that is subsequently dishonored by the Customer's financial institution shall not be considered a valid payment.

13. Failure of Payment Agent to Remit Payment

A Customer who has elected to use a Payment Agent shall be treated in the same manner as other Customers in the Company's application of the applicable statutes, rules and regulations of the Commission and the terms and conditions of this Tariff, notwithstanding any failure of the Payment Agent to remit payment to the Company or any failure of the Payment Agent to forward to the Customer any Company notices, bill inserts or other written correspondence. The Customer shall be solely responsible for all amounts due, including, but not limited to, any late payment charges.

14. Refusal to Serve

The Company reserves the right to refuse to supply Delivery Service to new Customers or to supply additional load to any existing Customer if it is unable to do so under a Rate Schedule or if it is unable to obtain the necessary equipment and facilities or capital required for the furnishing of such service. The Company may refuse to supply Delivery Service to load of unusual characteristics which might affect the cost or quality of service supplied to other Customers of the Company. The Company may require a Customer having such unusual load to install special regulating and protective equipment in accordance with the Company's specifications as a condition of service.

The Company reserves the right to reject any Application for service if the amount or nature of the service applied for, or the distance of the premises to be served from an existing suitable distribution line, or the difficulty of access thereto, is such that the estimated income from the service applied for is insufficient, under any of the Company's applicable rates, to yield a reasonable return to the Company, unless such Application is accompanied by (a) a cash payment or (b) an undertaking satisfactory to the Company guaranteeing a stipulated revenue for a definite period of time, or both (a) and (b).

15. Maximum Demand

The "Maximum Demand" or "Customer's Load," which shall be stated in kilowatts or kilovolt-amperes as specified in the applicable Rate Schedule, is defined as the greatest rate of taking Delivery Service during a specified interval.

Where a Rate Schedule requires determination of maximum demand, it shall be determined by measurement or estimated as provided by the Rate Schedule or, where applicable, by the provisions of the following paragraph of this section. The Company shall not be obligated, for any reason, to use the demand values measured or estimated by any other entity in the determination of maximum demand.

Issued: March 24, 2016 May 28, 2019

Issued by: William J. Quinlan

Effective: May 1, 2016 July 1, 2019

Title: President and Chief Operating Officer

When the nature of the Customer's load is of an intermittent, instantaneous or widely fluctuating character such as to render demand meter readings of doubtful value as compared to the actual capacity requirements, the demand may be determined on the basis of a time interval less than that specified, or on the basis of the minimum transformer capacity necessary to render the Delivery Service, or the minimum protective device rating necessary to permit continuous uninterrupted service. In all such instances, the Company will record the basis of demand determination.

~~146~~. Meters

The Company will provide each Customer with proper metering equipment subject to the ability of the Company to obtain the same.

The Company shall own and maintain the metering equipment necessary to measure Delivery Service under this Tariff. Each meter location shall be designated by the Company and the Company shall have priority over any other entity with respect to placement of Company-owned metering equipment.

Any Customer requesting non-standard metering equipment, the cost of which exceeds the cost of the metering equipment necessary for the rendering of Delivery Service under the applicable Rate Schedule, shall be responsible for the additional cost of the requested metering equipment including any incremental labor costs associated with installation of the requested metering equipment. Any such metering equipment must be approved by the Company.

Each unit of a new or renovated domestic structure with more than one dwelling unit will be metered separately and each meter will be billed as an individual customer. Where an individual household or business enterprise, occupation or institution occupies more than one unit of space, each unit will be metered separately and considered a distinct Customer, unless the Customer furnishes, owns and maintains the necessary distribution circuits by which to connect the different units to permit delivery and metering at one location of all the energy used.

The Company may for its own convenience install more than one meter per Customer, but in such cases the meter readings will be cumulated when billing.

In cases of non-access or where a meter fails to register the full amount of electricity consumed, the amount of the bill will be estimated by the Company, based upon the use recorded during previous months, or upon the best information available.

The Company may estimate, rather than meter, demand and kilowatt-hours used by a Customer where the demand and kilowatt-hour usage are constant and known or for locations which, in the Company's judgment, are unsafe or impractical to separately meter or to access on a regular basis by Company personnel.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

157. Customer Use of Electricity

In recognition of the fact that the wiring and facilities for the use of electricity on the Customer's premises are owned by and under the control of the Customer, the Company shall not be responsible for any loss, cost, damage, or expense to persons and/or property resulting from the use of or presence in the Customer's wiring or appliances, electricity delivered in accordance with the provisions of these Terms and Conditions and the Company's ~~Requirement for Electric Service Connection~~ Information and Requirements for Electric Supply".

If the Customer's requirements for electricity or use of service, or installation of Customer-owned equipment (including but not limited to motors, generation, meters, or capacitors) results in or is anticipated to result in damage to the Company's apparatus or facilities or electrical disturbances to other customers on the Company's distribution system, the Customer shall be responsible for the cost to the Company of repairing, replacing or upgrading the Company's facilities. If the Customer fails to correct for the interference with the operation of the Company's distribution system or with the electrical supply to other Customers, the Company reserves the right to refuse service or to disconnect service upon proper notice.

168. Compliance

Service hereunder is subject to the Customer's compliance with the following conditions:

- (a) The Customer shall comply with or perform all of the requirements or obligations of this Tariff and the Company's ~~"Requirements for Electric Service Connections~~ Information and Requirements for Electric Supply".
- (b) The Customer shall allow the Company reasonable access to the Company's facilities located on the Customer's premises.
- (c) The Customer shall comply with any applicable orders and regulations of the Commission.
- (d) The Customer shall not cause or allow to exist any unauthorized or fraudulent use or procurement of the Delivery Service or any tampering with the connections or other equipment of the Company, or any condition on the Customer's premises involving the Delivery Service which is dangerous to health, safety or the electric service of others or which represents a clear and present danger to life, health, or physical property, or to the Company's ability to serve its other Customers.
- (e) The Customer shall notify the Company when the Customer no longer desires Delivery Service.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~179~~. Resale of Delivery Service

No customer shall sell, resell, assign or otherwise dispose of all or any part of the Delivery Service purchased from the Company without the written consent of the Company. The sale of electric vehicle charging services electricity to a third party from an electric vehicle charging station shall not be considered resale of electricity.

~~1820~~. Company Property

The Company shall have the right to install, maintain and operate such Company-owned facilities on the premises of the Customer as in its judgment may be required to render Delivery Service to the Customer in accordance with this Tariff, whether such facilities shall be overhead or underground and whether the premises of the Customer are owned or leased to the Customer, and shall have the free right at all reasonable times to enter upon said premises for the purpose of maintaining, repairing, replacing or removing such facilities. Normally such facilities will consist of, but they shall not be limited to, overhead or underground service wires or cables extending to a Company-owned meter or meters and associated equipment.

Customer must provide, without expense or cost to the Company, the necessary permits, consents or easements satisfactory to the Company in order to install, maintain, repair, replace, or remove the Company's facilities on the Customer's property or property owned by others on which facilities are placed to serve the Customer.

If the Customer is a tenant or a mortgagor and his right of occupancy does not include authority to grant the Company the foregoing rights, he shall obtain his landlord's or his mortgagee's authority to grant the foregoing rights, and the Company may require that such authority be evidenced in writing by the landlord or mortgagee.

In the case of underground facilities, the Customer shall not erect or maintain or permit to be erected or maintained any building or structure over such facilities and shall not plant or permit to be planted any trees over such facilities.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~1921~~. Holidays

The following New Hampshire legal holidays shall be recognized as holidays for purposes of billing service in off-peak periods:

<u>Holiday</u>	<u>Day Celebrated</u>
*New Year's Day	January 1st
Martin Luther King, Jr. Civil Rights Day	Third Monday in January
Washington's Birthday	Third Monday in February
Memorial Day	Last Monday in May
*Independence Day	July 4th
Labor Day	First Monday in September
Columbus Day	Second Monday in October
*Veterans Day	November 11th
Thanksgiving Day	When appointed
*Christmas	December 25th

* If these days fall on Sunday, the following day shall be considered the holiday.

~~2022~~. Conjunctional Service

Conjunctional Service is a Customer's use of Delivery Service under this Tariff for delivery of either Supplier Service or Default Service which supplements or is in addition to any other source of electric service connected on the Customer's side of the meter. Conjunctional Service must be taken in accordance with the Company's "~~Requirements for Electric Service Connections~~Information and Requirements for Electric Supply" and the Company's technical guidelines and requirements pertaining to Qualifying Facilities ("QFs", as defined in Sections 201 and 210 of Title II of the Public Utility Regulatory Policies Act of 1978) filed with the Commission in compliance with Commission Order No. 14,797. Conjunctional service is available to QFs and to other Customers who are not QFs who have available another source of electric service connected on the Customer's side of the meter.

All Conjunctional Service furnished by the Company to Customers under this Tariff shall be taken by the Customers under the Rate Schedule which would otherwise be available for Delivery Service applicable to the total internal load of the Customer.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

~~24~~3. Conditions Under Which This Tariff is Made Effective

~~On February 2, 2015, Northeast Utilities and each of its wholly owned utility subsidiaries, including the Company, commenced doing business as Eversource Energy. On March 24, 2016, the Company filed with the Commission a new Tariff NHPUC No. 9 with a proposed effective date of May 1, 2016. The new tariff superseded Tariff NHPUC No. 8 and was filed solely for the purpose of reflecting the business name change throughout. No changes to rates or to provisions of service were made in this filing.~~

~~On July 1, 2016, the Company implemented the following rate changes on a service-rendered basis: (i) revised distribution charges which achieved an average increase of 0.048 cents per kilowatt-hour to fund the Company's Reliability Enhancement Program, as approved by the Commission in its Order No. 25,913 dated June 28, 2016 in Docket Nos. DE 09-035, DE 11-250 and DE 14-238; (ii) revised transmission charges reflecting an overall average transmission rate of 2.193 cents per kilowatt-hour as approved by the Commission in its Order No. 25,912 dated June 28, 2016 in Docket No. DE 16-566; (iii) revised stranded cost recovery charges reflecting an overall average stranded cost recovery charge rate of 0.084 cents per kilowatt-hour as approved by the Commission in its Order No. 25,909 dated June 28, 2016 in Docket No. DE 15-416; and (iv) a Default Energy Service rate of 10.95 cents per kilowatt-hour as approved by the Commission in Order No. 25,914 dated June 28, 2016 in Docket No. DE 15-415. Additionally, the Company implemented a reduction of 1% in each of discount levels of the statewide low-income Residential Electric Assistance Program Rate EAP, in compliance with the Commission's Order No. 25,901 dated May 13, 2016 in Docket No. DE 14-078.~~

~~On January 1, 2017, the Company implemented the following rate changes on a service-rendered basis: (i) revised stranded cost recovery charges reflecting an overall average stranded cost recovery charge rate of 0.027 cents per kilowatt-hour as approved by the Commission in its Order No. 25,975 dated December 23, 2016 in Docket No. DE 16-823; (ii) a Default Energy Service rate of 11.17 cents per kilowatt-hour as approved by the Commission in Order No. 25,974 dated December 23, 2016 in Docket No. DE 16-822; and (iii) a System Benefits Charge of 0.356 cents per kilowatt-hour as approved by the Commission in Order No. 25,976 dated December 23, 2016 in Docket No. DE 14-216.~~

~~On July 1, 2017, the Company implemented the following rate changes on a service-rendered basis: (i) distribution charges which achieved an average decrease of 0.086 cents per kilowatt-hour to remove certain fully amortized costs from rates; reconcile costs and revenues for the Company's Reliability Enhancement Program for the prior period; and fund the program through December 31, 2017, as approved by the Commission in its Order No. 26,034 dated June 28, 2017 in Docket No. DE 17-076; (ii) revised transmission charges reflecting an overall average transmission rate of 2.318 cents per kilowatt-hour as approved by the Commission in its Order No. 26,031 dated June 28, 2017 in Docket No. DE 17-081; (iii) revised stranded cost recovery charges reflecting an overall average stranded cost recovery charge rate of 0.092 cents per kilowatt-hour as approved by the Commission in its Order No. 26,032 dated June 28, 2017 in Docket No. DE 16-823; and (iv) a Default Energy Service rate of 11.66 cents per kilowatt-hour as approved by the Commission in its Order No. 26,033 dated June 28, 2017 in Docket No. DE 16-822.~~

Issued: ~~July 7, 2017~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~July 1, 2017~~July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,034 in Docket No. DE 17-076; NHPUC Order No. 26,031 in Docket No. DE 17-081; NHPUC Order No. 26,032 in Docket No. DE 16-823; and NHPUC Order No. 26,033 in Docket No. DE 16-822; all dated June 28, 2017.~~

On January 1, 2018, the Company implemented the following rate changes on a service-rendered basis: (i) distribution charges which achieved an average increase of 0.017 cents per kilowatt-hour as approved by the Commission in its Order No. 26,091 dated December 27, 2017 in Docket No. DE 17-160; (ii) revised stranded cost recovery charges reflecting an overall average stranded cost recovery charge rate of 0.042 cents per kilowatt-hour as approved by the Commission in its Order No. 26,090 dated December 27, 2017 in Docket DE 17-151; (iii) a System Benefits Charge of 0.455 cents per kilowatt-hour as approved by the Commission in its secretarial letter issued December 29, 2017 in Docket DE 17-136; and (iv) a Default Energy Service rate of 11.25 cents per kilowatt-hour as approved by the Commission in its Order No. 26,089 dated December 27, 2017 in Docket No. DE 17-150.

On April 1, 2018, the Company implemented the following rate changes on a service-rendered basis: (i) stranded cost recovery charges reflecting an overall average retail stranded cost recovery charge rate of 1.51 cents per kilowatt-hour as approved by the Commission in its Order No. 26,116 dated March 29, 2018 in Docket DE 18-023; (ii) Default Energy Service rates as approved by the Commission in its Order No. 26,104 in Docket No. DE 18-002, and the Default Energy Service rate design as approved by the Commission in its Order No. 26,092 dated December 29, 2017 in Docket DE 17-113 and (iii) revised line extension rates as approved by the Commission in its secretarial letter issued on March 30, 2018 in Docket No. DE 18-030.

On August 1, 2018, the Company implemented the following rate changes on a service-rendered basis: (i) stranded cost recovery charges as approved by the Commission in its Order No. 26,164 dated July 31, 2018 in Docket DE 18-023; (ii) transmission charges as approved by the Commission in its Order No. 26,163 dated July 31, 2018 in Docket DE 18-089; and Default Energy Service rates as approved by the Commission in its Order No. 26,147 dated June 15, 2018 in Docket DE 18-002. In addition, on August 1, 2018, the Company discontinued the Electric Assistance Program discount on outdoor lights served under Outdoor Lighting Delivery Service Rate OL for residential customers served under the Electric Assistance Program Rate EAP as approved by the Commission in its secretarial letter issued on May 22, 2018 in Docket No. DE 18-068.

On January 1, 2019, the Company implemented the following rate changes on a service-rendered basis: (i) a System Benefits Charge of 0.586 cents per kilowatt-hour as approved by the Commission in its Order No. 26,207 issued December 31, 2018 in Docket DE 17-136; and (ii) discontinued the Electricity Consumption Tax pursuant to House Bill 517, which was signed into law on June 28, 2017, and which repealed the entirety of RSA Chapter 83-E relating to the Electricity Consumption Tax. The Electricity Consumption Tax tariff-related updates were approved by the Commission in its secretarial letter issued December 31, 2018 in Docket DE 18-184.

On February 1, 2019, the Company implemented the following rate changes on a service-rendered basis: (i) stranded cost recovery charges as approved by the Commission in its Order No. 26,215 issued January 28, 2019 in Docket DE 18-182; (ii) Default Energy Service rates as approved by the Commission in its Order No. 26,203 issued December 20, 2018 in Docket DE 18-002; and (iii) reinstated the late payment charge which will be assessed on amounts previously billed but remaining unpaid five days after the due date printed on the bill as approved by the Commission in its secretarial letter issued January 24, 2019 in Docket DE 17-171.

Issued: February 1, 2019 Issued by: /s/ William J. Quinlan
William J. Quinlan

Effective: February 1, 2019 Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,203 in Docket No. DE 18-002, dated December 20, 2018, and NHPUC Order No. 26,215 in Docket No. DE 18-182, dated January 28, 2019 and Secretarial Letter issued in Docket No. DE 17-171, dated January 24, 2019.

On May 1, 2019, the late payment charge will be assessed based on amounts previously billed but remaining unpaid after the due date printed on the bill, as approved by the Commission in its secretarial letter issued January 24, 2019 in Docket DE 17-171.

Issued: February 1, 2019 Issued by: /s/ William J. Quinlan
William J. Quinlan

Effective: February 1, 2019 Title: President and Chief Operating Officer

Authorized by Secretarial Letter issued in Docket No. DE 17-171, dated January 24, 2019.

~~224~~. Customer Choice of Rate

Upon a Customer's request, the Company shall provide information as to what may be the most advantageous rates and charges available to the Customer under this Tariff. However, the responsibility for the selection of a rate lies with the Customer and the Company does not warrant or represent in any way that a Customer will save money by taking service under a particular rate. The Company will not be liable for any claim that service provided to a Customer might have been less expensive or more advantageous to such Customer if supplied under another available rate.

~~235~~. Statement by Agent

No representative of the Company or Eversource Energy System Companies has the authority to modify any rule, provision or rate contained in this Tariff, or bind the Company for any promise or representation contrary thereto.

~~246~~. Third Party Claims and Non-Negligent Performance

Each Party agrees to indemnify and hold the other Party and its affiliated companies and the trustees, directors, officers, employees, and agents of each of them (collectively "Affiliates") harmless from and against any and all damages, costs (including attorneys' fees), fines, penalties, and liabilities, in tort, contract, or otherwise (collectively "Liabilities") resulting from claims of third parties arising, or claimed to have arisen, from the acts or omissions of such Party in connection with this Tariff. Each Party hereby waives recourse against the other Party and its Affiliates for, and releases the other Party and its Affiliates from, any and all Liabilities for or arising from damage to its property due to a non-negligent performance by such other Party.

~~257~~. Charges for Temporary Services

The Company shall have the right to charge the Customer for the total cost incurred in constructing and removing temporary services at locations under construction where the temporary service will not be converted to a permanent service. Such costs shall include the costs of labor, overheads and all materials except for the costs of transformers and meters. The Company shall not charge for the construction and removal of such temporary service whenever the temporary service is to be replaced at approximately the same location with a permanent service when construction is completed, provided that the permanent service is run from the same pole and utilizes the same material which was utilized for the temporary service.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~26~~8. Underground Service

Underground electric distribution facilities will be provided by the Company, in accordance with the provisions of the Company's "~~Requirements for Electric Service Connections~~Information and Requirements for Electric Supply" and this Tariff, when feasible and practicable and when consistent with the normal availability of Company personnel, the orderly scheduling of construction projects, and all as reasonably determined by the Company. Subject to the above-stated limitations on the availability of underground facilities, such facilities will be provided by the Company on a consistent and equitable basis to all who qualify.

29. Diversion and Metering Tampering

If a Customer receives unmetered service as the result of any tampering with a meter or other Company equipment, the Company may take appropriate immediate corrective action without notice to the Customer, including making changes to the meter or other equipment. In addition, the Customer shall be subject to a meter diversion charge of \$250, and may be required to reimburse the Company for lost revenue associated with the unmetered service, including late payment charges, damages to equipment, expenses incurred during the investigation, and may be subject to criminal prosecution.

~~27~~30. Stranded Cost Recovery Charge

The Stranded Cost Recovery Charge (SCRC) is the portion of the unbundled retail delivery service bill that is a non-bypassable charge as provided by RSA 369-B:4, IV and RSA 374-F:3, XII to recover the portion of the Company's Part 1 and Part 2 Stranded Costs that are allowed by the Settlement Agreement. The SCRC include the RRB Charge defined in RSA Chapter 369-B, over-market or under-market IPP and Power Purchase Agreement costs, Non-Securitized Stranded Costs, and other costs and expenses allowed or as authorized by the Commission.

Part 1 of the SCRC is the RRB Charge, and is the source of payment for Rate Reduction Bonds issued pursuant to RSA Chapter 369-B. One or more special purpose financing entities shall own the right to receive all collections in respect to the Part 1 charge. The Company will collect the RRB Charge in Part 1 of the SCRC on behalf of such special purpose financing entities. The special purpose financing entities' ownership of the RRB Charge recovered via Part I of the SCRC will be reflected by an appropriate notation on customers' bills. Part 1 of the SCRC will be billed until the rate reduction bonds issued by the special purpose financing entities and all on-going RRB Costs are paid in full.

Part 1 of the SCRC shall be adjusted as necessary via the True-Up mechanism approved by the Commission in its Order No. 26,099 in Docket No. DE 17-096, and such changes in Part 1 shall become effective as set forth in that Order.

Part 2 will recover all other non-securitized stranded costs and charges as approved by the Commission and will continue for as long as there are such costs to be recovered by the Company.

The SCRC shall be non-bypassable per RSA 369-B:4, IV and RSA 374-F:3, XII, and shall be collected from each retail customer of the Company. If a retail customer located in the Company's service territory purchases or otherwise obtains retail electric service from any person other than the Company, including, without limitation, any successor referred to in RSA 369-B:8, the servicer or

Issued: ~~April 2, 2018~~May 28, 2019

Issued by: /s/ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~April 1, 2018~~July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,116 in Docket No. DE 18-023 dated March 29, 2018

such new electricity service provider or successor shall collect the SCRC, from the retail customer by or on behalf of the Company and remit those revenues to the Company as a condition to the provision of retail electric service to such retail customer. Any retail customer that fails to pay the SCRC shall be subject to disconnection of service to the same extent that such customer would, under applicable law and regulations, be subject to disconnection of service for failure to pay any other charge payable to the Company.

The revenue requirement necessary to recover all Part 1 and Part 2 stranded costs will be allocated among rate classes as follows:

Rate Class	Percentage of Total Revenue Requirement
Residential Service (R, R-OTOD)	48.75
General Service (G, G-OTOD)	25.00
Primary General Service (GV, B*)	20.00
Large General Service (LG, B**)	5.75
Outdoor Lighting Service (OL, EOL)	0.50

*Rate B customers who would qualify for Rate GV except for their own generation.

**Rate B customers who would qualify for Rate LG except for their own generation.

The actual SCRC will vary by the rate schedule, may vary by separately metered rate options contained in certain rate schedules, may vary by time of use, and may include demand- as well as kWh-based charges. The Company, every six months, shall compare the amount to be recovered through the SCRC, as defined under the Settlement Agreement with the revenue received from the billing of the SCRC. Any difference between the amount to be recovered by Part 2 of the SCRC during any six month period and the actual revenue received during that period shall be refunded or recovered by PSNH with a return during the subsequent six month period by reducing or increasing Part 2 of the SCRC for the subsequent six month period. The return will be calculated using the Stipulated Rate of Return set forth in the Settlement Agreement.

If any customer class is materially reduced or consolidated to zero, its applicable allocation factor will be reallocated on a pro-rata basis between remaining rate classes based on the then current allocation responsibility.

The SCRC also includes the Regional Greenhouse Gas Initiative (“RGGI”) refund as required by RSA 125-O:23,II and Order No. 25,664 dated May 9, 2014, which directs the Company to refund RGGI auction revenue it receives to its Customers through the SCRC.

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

The overall average SCRC by rate class and by component effective February 1, 2019 through July 31, 2019 are as follows:

Rate Class	Part 1 ¢/kWh	Part 2 ¢/kWh	RGGI ¢/kWh	Total ¢/kWh
Residential Service	0.948	0.574	-0.134	1.388
General Service	0.872	0.543	-0.134	1.281
Primary General Service	0.743	0.455	-0.134	1.064
Large General Service	0.258	0.162	-0.134	0.286
Outdoor Lighting Service	1.081	0.639	-0.134	1.586

~~2831~~. Transmission Cost Adjustment Mechanism

The Transmission Cost Adjustment Mechanism (“TCAM”) will recover, on a fully reconciling basis, the costs incurred by the Company for transmission related services. These costs include charges under the ISO-NE Tariff; charges billed to the Company by Other Transmission Providers; third party charges billed to the Company for transmission related

Issued: ~~August 3, 2018~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~August 1, 2018~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,164 in Docket No. DE 18-023 dated July 31, 2018.~~

services such as 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; and transmission-based assessments or fees billed by or through regulatory agencies, including those associated with the ISO-NE, regional transmission organization (“RTO”) and the FERC. For purposes of this mechanism, “Other Transmission Providers” shall be defined as any transmission provider and any regional transmission group, an independent system operator, an RTO 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 TCAM rates shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any overrecovery or underrecovery occurring in the prior year. The Company may file to change the TCAM rates at any time if a significant overrecovery or underrecovery occurs. Interest on overrecoveries or underrecoveries shall be calculated at the prime rate.

Any changes to rates determined under the TCAM shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

2932. System Benefits Charge

On and after the Customer Choice Date, and subject to Commission review, all Customers shall be obligated to pay the following System Benefits Charge in addition to all other applicable rates and charges under this Tariff. The System Benefits Charge shall appear separately on all Customer bills.

System Benefits Charge 0.586 cents per kilowatt-hour

33. Distribution Recovery Adjustment Mechanism

The Distribution Recovery Adjustment Mechanism (DRAM) will recover, on a fully reconciling basis, the cost incurred by the Company for certain distribution related services not being recovered through the Company’s base distribution rates, as approved by the Commission.

The DRAM shall be non-bypassable and established annually based on a forecast of includable costs and shall incorporate a full reconciliation with interest for any over-recovery or any under-recovery occurring in the prior year.

The Company may file to change the DRAM at any time if a significant over-recovery or under-recovery occurs. Interest on over-recoveries or under-recoveries shall be calculated at the prime rate.

Any changes to rates shall only be made following a notice filed with the Commission setting forth the amount of the increase or decrease, the new rates for each rate class, and the effective date of such new rates.

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~January 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,207 in Docket No. DE-17-136; Secretarial Letter issued in Docket No. DE-18-184; both dated December 31, 2018.~~

~~304.~~ Late Payment Charge

The rates and charges billed under this Tariff are net, billed monthly and payable upon presentation of the bill. However, Customers who receive Delivery Service under Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G, or General Service Time-of-Day Rate G-OTOD may elect to pay for all service rendered under these rates, as well as Default Energy Service, on a Level Payment Plan available upon application to the Company.

For Customers rendered Delivery Service under Primary General Delivery Service Rate GV or Large General Delivery Service Rate LG or Backup Delivery Service Rate B, all amounts previously billed but remaining unpaid after the due date printed on the bill shall be subject to a late payment charge of one and one-half percent (1 ½ %) thereof, such amounts to include any prior unpaid late payment charges. For all other Customers, all amounts previously billed but remaining unpaid after the due date printed on the bill shall be subject to a late payment charge of one percent (1%) thereof, such amounts to include any prior unpaid late payment charges. The late payment charge is not applicable to a) residential Customers who are taking service under the statewide Electric Assistance Program (EAP) as approved by the Commission; b) residential Customers receiving protection from disconnection of service under any enhanced winter protection programs offered by the Company; c) residential Customers whose electric bill is paid on their behalf (whether in part or in whole) through the Low Income Home Energy Assistance Program (LIHEAP); and d) past due balances of Residential Rate R, Residential Time-of-Day Rate R-OTOD, General Service Rate G, General Service Time-of-Day Rate G-OTOD, Outdoor Lighting Rate OL, or Energy Efficient Outdoor Lighting Rate EOL Customers who are abiding by the terms of an extended payment arrangement agreed to by the Company.

~~345.~~ Loss of Service Investigation Charge

For Customers rendered Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG or Backup Delivery Service Rate B:

If at the request of a Customer, the Company responds to investigate any loss of electric service at the Customer's premises, and finds the interruption of service has been caused by the Customer's equipment, the Company shall charge the Customer for the total cost incurred to investigate the loss of service.

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: /s/ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~May 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

326. Rates for Purchases from Qualifying Facilities

Availability:

This short-term purchase arrangement shall be available to Qualifying Facilities (QFs) interconnected with the Company. Qualifying Facilities shall mean small power producers and cogenerators that meet the criteria specified by (i) FERC in 18 C.F.R. §§ 292.203 (a) and (b); or; (ii) the definition of "limited producer" or "limited electrical energy producer" in NHRSA 362-A:1-a and who meet the requirements of RSA 362-A:3, II.

Nothing shall prohibit the Company from separately contracting for generation purchases from QFs. Nothing herein shall be construed to affect, modify or amend terms and conditions of an existing Qualifying Facility's contract or rate order with respect to the sale of its energy or capacity.

Selling Options:

QFs may sell to the Company or wheel through the Company. All generation sold to the Company shall be resold at the ISO-NE market clearing price and subject to appropriate charges as if the power was wheeled through the Company and sold directly to ISO-NE.

Metering:

Generators selling to the Company shall install metering as specified by the Company to satisfy ISO-NE requirements as they may change from time to time. Projects shall be charged a standard monthly service fee for metering service as approved by the appropriate regulatory agency.

Net Metering:

Projects 1,000 kilowatts and under using renewable generation shall have the option of being served under the Net Energy Billing Service as specified by NH RSA 362-A:9 and the rules promulgated by the appropriate regulatory agency.

Projects receiving a utility net metering capacity allocation prior to March 2, 2017 and not in excess of the applicable net metering cap will continue to be billed and receive credit for their generation in accordance with RSA 362-A:9 and Puc 903.02(f) and Puc 903.02(g) (the "Standard Net Metering Tariff") through December 31, 2040.

Projects receiving a utility net metering capacity allocation beginning on March 2, 2017 and ending on August 31, 2017 and not in excess of the applicable net metering cap will continue to be billed and receive credit for their generation in accordance with the interim alternative net metering tariff adopted by the Commission in Order No. 25,972 (December 21, 2016) (the "Interim Net Metering Tariff") through December 31, 2040.

Projects receiving a utility net metering capacity allocation on or after September 1, 2017 will be billed and credited under the "Alternative Net Metering Tariff" provisions described below once the Company is capable of implementing these provisions. Until such time, customers will be billed and credited under the Standard Net Metering Tariff. Customers receiving a net metering capacity allocation while this Alternative Net Metering Tariff is in effect will be entitled to the net metering design and structure then in effect through December 31, 2040.

Issued: ~~January 3, 2019~~May 28, 2019

Issued by: ~~/s/~~William J. Quinlan
William J. Quinlan

Effective: ~~January 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

1. Eligibility

A customer-generator whose facility has a total peak generating capacity less than or equal to 100 kilowatts is eligible to participate as a small customer-generator.

A customer-generator whose facility has a total peak generating capacity greater than 100 kilowatts up to and including 1,000 kilowatts is eligible to participate as a large customer-generator if they consume at least twenty percent (20%) of their actual or estimated annual system electric production on-site and behind the meter. Otherwise, the customer must register as a group host under RSA 362-A:9, XIV. A large customer-generator meeting the on-site consumption threshold may switch to the Alternative Net Metering Tariff upon written notice of such election to the Company.

2. Metering

The Company will install a bidirectional meter to record in separate channels the quantities of electric imports from the distribution utility grid and electric exports to the distribution utility grid over a billing period. At the time of interconnection, a customer may request, at no cost, installation of a Company-owned production meter. The Customer must provide and install an appropriate meter socket in a physical location acceptable to the Company.

3. Billing

Customers will be billed in accordance with the delivery and energy service rate schedules that would apply in the absence of generation, except as specifically provided otherwise hereunder.

During each billing period, credits for electricity exports will be issued in the form of monetary bill credits which will carry forward on a customer's account from month to month until used. Customers may receive a cash payment for any accumulated excess credit when they move or discontinue service, or on an annual basis if they have accumulated a credit balance in excess of \$100 as of the end of the March billing cycle.

Small customer-generators will be assessed the Stranded Cost Recovery Charge and System Benefits Charge based on the full amount of their electricity imports without any netting of exports during the billing period.

All other kilowatt-hour-based rate components will be assessed on the customer's net energy usage, which is the quantity of kilowatt-hours equal to electric imports minus electric exports (if positive).

If such net energy usage is less than zero, customers that receive Default Energy Service from the Company will receive a monetary bill credit for their net electric exports during each billing period calculated at twenty-five percent (25%) of any Distribution charges assessed on a per-kilowatt-hour basis; any Transmission charges assessed on a per-kilowatt-hour basis; and the Default Energy Service Rate.

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan

Effective: ~~January 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

If net energy usage is less than zero, customers that do not receive Default Energy Service from the Company will receive a monetary bill credit for their net electric exports during each billing period calculated at twenty-five percent (25%) of any Distribution charges assessed on a per-kilowatt-hour basis; and any Transmission charges assessed on a per-kilowatt-hour basis.

Large customer-generators will be assessed all charges associated with their rate class based on the full amount of their electricity imports without any netting of exports during the billing period. Customers who receive Default Energy Service from the Company will receive a monetary bill credit for their electric exports during each billing period calculated at the Default Energy Service Rate.

For both Small and Large customer-generators, a competitive Energy Service Provider may determine the terms, conditions and prices under which it agrees to provide generation supply to and purchase net generation output from the customer-generator.

4. Grandfathering Provisions

Subsequent sales or other transfers of ownership of a net-metered system or the property upon which the system is located shall not impact the terms and conditions under which the customer-generator is rendered net metering service. New owners shall be allowed to continue to take service under the same terms and conditions in effect at the time of such sale or transfer until 2040, in accordance with RSA 362-A:9,XV and Order No. 25,972, or pursuant to Order No. 26,029, provided that the system is not moved to a different location by the purchaser, transferee, or otherwise.

Residential small customer-generators may expand their systems without limitation, provided that the expansion does not result in total system capacity in excess of 100 kW.

Non-residential small customer-generators may expand the capacity of their systems by an amount up to the greater of either 20 kW or 50 percent of the system capacity allocated into the standard net metering program prior to September 1, 2017, or the original capacity of a system installed under the alternative net metering tariff effective as of September 1, 2017, as applicable, provided that in neither case can any such expansion have the effect of increasing the system's capacity to an amount in excess of 100 kW.

Non-residential large customer-generators may expand the capacity of their systems by an amount up to the greater of either (1) 50 kW, or (2) a capacity amount such that the expanded system is sized to produce 110 percent of the customer-generator's annual kilowatt-hour on-site usage, as clearly demonstrated through the customer-generator's documentation of any consecutive 12-months within the previous two years.

In neither case, can any such expansion have the effect of increasing the system's capacity to a level in excess of one megawatt. Expansion of a net-metered system by or for a commercial or industrial customer-generator smaller than the applicable limitation will allow the customer-generator to continue to be grandfathered, while any such expansion in excess of the applicable limitation will result in the entire net-metered system losing its net metering grandfathered status.

Issued: ~~November 22, 2017~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~September 1, 2017~~ July 1, 2019

Title: President and Chief Operating Officer

Any system modifications must be reported to the Company within 30 days of modification or earlier if so required under the Company's distributed generation interconnection procedures.

5. Renewable Energy Certificates

The Company will offer to serve as independent monitor for a customer-generator who elects to receive a Company-owned production meter. The Company will report the electricity production of such customer-generator at least quarterly to NEPOOL-GIS at no cost to the customer. The Company will file an application on behalf of the customer for Commission certification of the eligibility of the installation to produce renewable energy certificates pursuant to RSA 362-F and the Commission's Puc 2500 rules. Any customer requesting a Company-owned production meter or requesting the Company to serve as the independent monitor must respond in a timely manner to requests for information from the Company.

Rates:

Qualifying Facilities selling their output to the Company will be eligible to receive Short Term Avoided Cost Rates equal to the payments received by the Company for the sale of QF generation to the ISO-NE power exchange, adjusted for line losses, wheeling costs and administrative costs incurred by the Company for the transaction. Projects shall be charged a standard monthly service fee for billing service as approved by the appropriate regulatory agency.

Wheeling Charges:

The Company reserves the right to impose any appropriate wheeling charges (including distribution wheeling charges) for generation transmitted through the Company and sold to ISO-NE and others as may be approved by the appropriate regulatory agency.

Issued: ~~November 22, 2017~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan

Effective: ~~September 1, 2017~~ July 1, 2019

Title: ~~William J. Quinlan~~
President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,047 in Docket No. DE 16-576 dated August 18, 2017.~~

337. Line Extensions

In areas in which Delivery Service by the Company is authorized, the Company will extend its single-phase or three-phase distribution facilities or upgrade its single-phase distribution facilities to three-phase distribution facilities to a maximum of 5,280 feet in length to serve Customers under Residential Delivery Service Rate R and Rate R-OTOD and General Delivery Service Rate G and Rate G-OTOD, at their request. Extensions or upgrades greater than 5,280 feet in length will be constructed at the discretion of the Company.

Additionally, per RSA 370:12, customers requiring a line extension on private property may opt to hire and pay a private line contractor, licensed by the state and approved by the Company, to construct a required overhead or underground power line extension on private property. The contractor shall supply and install all materials as specified by the Company. Line extensions must be designed by the Company and built to its specifications in order for the Company to assume ownership of the line. The Company has the right to not accept a customer built line extension that does not conform to the Company's specifications. Customers may not contract with private line contractors to construct line extensions along public ways.

Single phase Line Extensions Along the Public Way, Constructed After September 1, 2016 and Serving a Single Family Home or Residential Duplex

~~At the original customer's request, if a new customer is supplied service from the line extension within 60 months of the line being energized, and providing the original customer notifies Eversource prior to a new customer requesting service, the new customer will be required to make a prorated contribution to the original cost of the line. The contribution will be calculated based on the location of the new service in relation to the total length of the original line extension and adjusted to reflect the time remaining in the 60 month period. Any contribution received from the new customer will be refunded to the original customer. Any additional customers requesting to be served by the line during the 60 month period would be subject to this policy, with reimbursements directed by the Company to those customers who had made prior contributions. No refunds will be paid in excess of the amount of the original charge.~~

1. Location of Distribution Facilities

The order of preference for the location of line extensions are (i) along public ways; (ii) along private roads maintained year-round; (iii) along private roads maintained on a seasonal basis; (iv) over rights of way accessible by standard Company equipment; and (v) over rights of way not accessible by standard Company equipment. The Company may choose a higher preference location even if a lower preference location may result in a shorter line extension. The final placement of all line extensions must be preapproved by the Company.

2. Calculation of Line Extension Construction Costs

Definitions

Overhead Service Drop: The final span of cable providing secondary voltage to a Customer's meter or point of attachment location, whichever is applicable, from a utility pole. The maximum length of an overhead service drop is determined by the characteristics of the Customer's load and the terrain over which the overhead service drop passes.

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~January~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

Underground Service Drop: The final run of cable providing secondary voltage to a Customer's meter from a transformer or from a secondary conductor located on the Company's distribution system. ~~If the length of the final run of cable is greater than 125 feet, then the length of the underground service drop is deemed to be 125 feet when determining the amount to be charged to the Customer for the line extension.~~

Distribution Facilities Provided by the Company at No Charge to the Customer

There shall be no separate charge for a pole-mounted transformer which the Company determines is needed to adequately serve a Customer's load and up to 300 feet of distribution facilities. The 300 feet of distribution facilities must include the length of an Overhead or Underground Service Drop currently being installed to serve a customer premise.

Additional Distribution Facilities

Any overhead or underground distribution facilities required to serve a Customer in addition to a pole-mounted transformer and up to 300 feet of distribution facilities and/or an Overhead or Underground Service Drop as defined above, are subject to the charges specified below.

Adding Additional Phases to Existing Overhead Single-phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Overhead Service Drop shall be derived based on the Customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads. ~~The estimated cost shall not include the cost associated with any Overhead Service Drops.~~

Overhead Single-Phase Facilities

The estimated cost shall be derived by multiplying the length of the distribution facilities by the average cost per foot of overhead single-phase distribution facilities based on the following schedule of charges. The length of the distribution facilities shall be based on the length of single-phase primary and secondary line to be installed in excess of 300 feet, including the length of an Overhead Service Drop, excluding the length of secondary line to be installed for any Overhead Service Drops.

<u>Effective Dates</u>	<u>Overhead, Single-Phase Average Cost per Foot</u>
April 1, 2019 – March 31, 2020	\$27.13
April 1, 2020– Forward	See section "Average Cost per Foot Effective From April 1, 2020– Forward"

Overhead Three-Phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Overhead Service Drop shall be derived based on the customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads. ~~The estimated cost shall not include the cost associated with any Overhead Service Drops.~~

Issued:	March 29, 2019 <u>May 28, 2019</u>	Issued by:	/s/ William J. Quinlan <u>William J. Quinlan</u>
Effective:	April 1, 2019 <u>July 1, 2019</u>	Title:	<u>President and Chief Operating Officer</u>

Authorized by Secretarial Letter issued in Docket No. DE 19-044, dated March 27, 2019.

Underground Single-Phase Facilities

The estimated cost shall be derived by multiplying the length of the distribution facilities by the average cost per foot of underground single-phase distribution facilities based on the following schedule of charges and adding the result to the excess cost of any padmounted transformers to be installed. The length of the distribution facilities shall be based on the length of single-phase primary and secondary line to be installed in excess of 300 feet, including the length of an Underground Service Drop, ~~excluding the length of secondary line to be installed for each Underground Service Drop~~. The excess cost of a padmounted transformer is the amount by which the cost of a padmounted transformer exceeds the cost of an equivalent pole-mounted transformer. The Company will determine the excess cost on the basis of average cost formulas consistently and equitably applied to all underground installations.

Effective Dates

April 1, 2019 – March 31, 2020
April 1, 2020 – Forward

Underground, Single-Phase
Average Cost per Foot

\$15.36

See section “Average Cost per Foot Effective
From April 1, 2020 – Forward”

Underground Three-Phase Facilities

The estimated cost in excess of 300 feet of distribution facilities, including the length of an Underground Service Drop shall be derived based on the customer-specific job requirements and shall include all costs related to the construction of the distribution facilities, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting, overheads and the excess cost of any padmounted transformers to be installed. ~~The estimated cost shall not include the cost of any Underground Service Drops~~. The excess cost of a padmounted transformer is the amount by which the cost of a padmounted transformer exceeds the cost of an equivalent pole-mounted transformer. The Company will determine the excess cost on the basis of average cost formulas consistently and equitably applied to all underground installations.

Average Cost per Foot Effective From April 1, 2020 - Forward

The Company will update the overhead single-phase and underground single-phase average cost per foot figures for effect on April 1 based upon a sampling of actual line extensions completed in the preceding three calendar years using the methodology contained in the Settlement Agreement in Docket No. DE 08-135 and as approved by the Commission in its Order No. 25,046 dated November 20, 2009. All costs related to the construction of the distribution facilities will be included in the average cost per foot figures, including but not limited to design and inspection and construction labor; researching and recording easements; materials; traffic control; tree trimming; blasting and overheads.

Issued: ~~March 29, 2019~~ May 28, 2019

Issued by: /s/ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~April 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 19-044, dated March 27, 2019.~~

3. Customer Responsibilities

- i) Payments: The Customer is responsible to pay to the Company their proportional share of any line extension construction costs in accordance with any line extension agreements in effect when service is requested by the Customer (for line extensions constructed after September 1, 2016) prior to the start of the Company's construction. In addition, the Customer is responsible to pay to the Company any line extension construction costs as defined in section 2 above, ~~their proportional share of any line extension construction costs in accordance with any line extension agreements in effect when service is requested by the Customer (for line extensions constructed after September 1, 2016),~~ and any special costs as defined in section ix below prior to the start of the Company's construction if the total cost is \$3,000 or less. If the total cost is greater than \$3,000, the Customer has the option to either pay the total amount prior to the start of construction, or to sign an agreement to pay the amount in excess of \$3,000 in 60 equal monthly payments, plus interest at the rate of interest applicable to the Company's Customer deposit accounts at the time of execution of the agreement ("Line Extension Monthly Surcharge"). The Company reserves the right to place a lien on the property until such time that the payment obligation is fulfilled. The Customer must agree, as a condition of the line extension monthly payment option, that if the Customer sells, leases or otherwise transfers control and use of the home to another individual ("New Occupant"), and such "New Occupant" opens a new account with the Company, the Customer will obtain an agreement from the "New Occupant" to pay the remaining balance as prescribed in the agreement that would have been owed by the Customer at that location. Unless the "New Occupant" signs a new superseding payment agreement with the Company, the original Customer will remain personally liable for the balance owed to the Company. ~~prior to the start of the Company's construction.~~ Any retail Customer that fails to pay the Line Extension Monthly Surcharge shall be subject to disconnection of service to the same extent that such Customer would, under applicable law and regulations, be subject to disconnection of service for failure to pay any other charge payable to the Company.
- ii) Easements: The Customer is responsible to provide, without expense or cost to the Company, the necessary permits, consents or easements for a right-of-way satisfactory to the Company on the Customer's property for the construction, maintenance and operation of the Company's distribution facilities, including the right to cut and trim trees and bushes.
- iii) Environmental Permits: The Customer is responsible to provide, without expense or cost to the Company, the necessary environmental permits for the construction, maintenance and operation of the Company's distribution facilities on the Customer's property.
- iv) Plans: The Customer is responsible to provide the Company with details of the intended installation, including property lines, building locations, service entrance specifications and major electrical load information.
- v) Other Documents: If the Customer intends to use an existing easement area to cross the property of others with the Company's distribution facilities, the Customer is responsible to provide evidence that the easement permits the installation of such facilities by the Company.

Issued: ~~August 19, 2016~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~September 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 25,926 in Docket No. IR 14-190 dated July 26, 2016~~

- vi) Code Compliance: The Customer is responsible to obtain the necessary approvals from the local inspection authorities before the Customer's service entrance equipment is connected to the Company's distribution system.
- vii) Site Plans: Developers must provide to the Company a site plan or other documentation identifying the maximum number of lots or self-contained living units. The developer shall also provide the Company additional notice should the number of lots or living units increase or decrease from the initial documentation. The developer is responsible to pay any additional costs, including design costs, resulting from changes to the number of lots or units developed subsequent to the original documentation. Upon request, all other Customers requesting service shall provide a site plan for the Company to design the distribution facilities.
- viii) Underground Distribution Facilities: The Customer shall furnish to the Company's specifications all trench excavation, back-fill, conduit, duct bank, manholes, vaults, pedestals and transformer foundations necessary for the installation of underground electric distribution facilities. Underground distribution facilities shall be provided in accordance with the Company's ~~Requirements for Electric Service-Connections~~ Information and Requirements for Electric Supply.
- ix) Special Costs: The Customer shall pay for all costs incurred by the Company for extensions that require construction which would result in special costs, such as railroad or National Forest crossings, crossing rivers and ponds, crossing wetlands, extending to an island, use of submarine cable or any additional costs incurred to protect the environment and comply with the Company's environmental policy and procedures.
- x) The Customer shall be responsible for any other requirements as specified in the Company's ~~Requirements for Electric Service-Connections~~ Information and Requirements for Electric Supply.

4. Company Responsibilities

The Company shall be responsible for:

- i) Constructing and maintaining the electric distribution facilities to serve the Customer's premises.
- ii) Trimming trees and bushes to the Company's standards along the route of the overhead distribution facilities, including the Overhead Service Drop serving the Customer's premises.

All distribution facilities constructed under the provisions of this line extension section shall be and shall remain the property of the Company. The Company shall not be required to install distribution lines, transformers, Service Drops or meters under the above terms in locations where access is difficult by standard Company distribution construction and maintenance vehicles, where the service does not comply with the Company's environmental policy and procedures, where it is necessary to cross a body of water or to serve airport lighting, beacon lighting, street lighting or where the business to be secured will not be of reasonable duration or will tend in any way to constitute discrimination against other Customers of the Company.

Issued: ~~August 19, 2016~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

5. Single-phase Line Extensions Along the Public Way, Constructed After September 1, 2016 and Serving a Single Family Home or Residential Duplex

At the original customer's request, if a new customer is supplied service from the line extension within 60 months of the line being energized, and providing the original customer notifies Eversource prior to a new customer requesting service, the new customer will be required to make a prorated contribution to the original cost of the line. The contribution will be calculated based on the location of the new service in relation to the total length of the original line extension and adjusted to reflect the time remaining in the 60-month period. Any contribution received from the new customer will be refunded to the original customer. Any additional customers requesting to be served by the line during the 60-month period would be subject to this policy, with reimbursements directed by the Company to those customers who had made prior contributions. No refunds will be paid in excess of the amount of the original charge.

348. Interconnection Standards For Generating Facilities

Any person or entity planning to operate a generating facility and connect it to the Company's facilities must receive approval from the Company prior to connecting the generating facility to the Company's facilities. A generating facility is any device producing electrical energy which can range in size from a small, residential photovoltaic solar installation to a large commercial generating facility. Inverter-based generating facilities sized up to 100 KVA must meet the requirements contained in the Company's "Interconnection Standards for Inverters Sized Up to 100 KVA", as approved by the Commission. The Standards provide information on the application process, time-lines and technical requirements and are available at the Company's web site at www.eversource.com. For all other generating facilities, the Company must be contacted for site specific interconnection requirements prior to interconnecting the generating facilities with the Company's facilities.

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~January 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS

The following terms and conditions shall apply to Energy Service Providers (“Suppliers”) doing business within the Company’s Service Area and to Customers where specified.

1. Obligations of Suppliers

- a. At all times, the Supplier must meet the registration and licensing requirements established by law and/or by the Commission and must comply with all applicable rules promulgated by the Commission.
- b. The Supplier or the Customer in the case of Self-Supply Service must be either a member of NEPOOL or have an agreement in place with a NEPOOL member whereby the NEPOOL member agrees to take responsibility for all the NEPOOL load obligations, including but not limited to losses and uplift costs, associated with supplying energy and capacity to the Customer’s delivery point.
- c. The Supplier or the Customer in the case of Self-Supply Service shall be responsible for providing all the capacity and energy needs of the Customer and shall be responsible for any and all losses which include all distribution and transmission losses along the Local Network from the PTF Facilities to the Customer’s delivery point.
- d. The Supplier shall provide the Company with at least 30 days’ notice prior to either the cancellation of an agreement for load responsibility with NEPOOL or a NEPOOL member, or the termination of business in the Company’s Service Area. The Supplier shall accept load responsibility for all its Customers, or have an agreement with a NEPOOL member which provides for accepting load responsibility for all its Customers, until the first meter read date for each respective customer occurring two business days after notice to the Company or transmittal of any Electronic Data Interchange (“EDI”) to the Company.
- e. In the case of Self-Supply Service the Customer shall provide the Company with at least 30 days’ notice prior to the cancellation of an agreement for load responsibility with either NEPOOL or a NEPOOL member. The Customer shall accept load responsibility or have an agreement with a NEPOOL member which provides for accepting load responsibility for the Customer until the Customer’s first meter read date occurring at least two business days after notice has been received by the Company from the Customer.
- f. The Supplier shall satisfy all the EDI standards as approved by the Commission. A Supplier shall be required to complete testing of EDI transactions prior to the rendering of Supplier Service to any Customer.
- g. The Supplier shall be responsible for reviewing and confirming the accuracy of all data provided to, or made available for, inspection to the Supplier by the Company during the load estimation, load reporting, billing and other processes described in these Terms and Conditions and/or ISO-NE’s Rules.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

- g. Each Supplier shall be required to enter into a service contract with the Company that resolves issues associated with, among other things, information exchange, problem resolution and revenue liability. This contract must be entered into prior to initiation of Supplier Service to any Customer in the Company's Service Area.
- h. The Supplier shall be responsible for obtaining the Customer's authorization, in accordance with the Commission's rules, prior to the commencement of Supplier Service.
- i. The Supplier shall be responsible for obtaining the Customer's written authorization for the release of the Customer's load history to the Supplier by the Company.

In the event a Supplier doing business in the Company's Service Area fails to comply with the obligations specified above, the Supplier shall promptly notify the Company or the Company will promptly notify the Supplier. The Supplier shall undertake best efforts to re-comply with its obligations under this Tariff and the Commission's rules in a timely manner. Until the Supplier has re-satisfied its obligations, the Company reserves the right to deny any new customer enrollments from the Supplier. In the event the Supplier is unable or unwilling to re-satisfy its obligations, the Company may transfer the Suppliers' Customers to service under Default Service after notification to the Commission.

2. Services and Schedule of Charges

Where applicable, the Customer and/or Supplier will be obligated to pay the following fees and charges to the Company for the following services:

(a) Customer Usage Data

Suppliers will be provided with monthly usage data, at no charge, via an EDI transaction in accordance with the guidelines adopted by the Commission. The Supplier is responsible for obtaining the Customer's written authorization to release this information and will be required to maintain the confidentiality of the Customer information. The Supplier may not sell or provide this information, in whole or in part, to another party.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

(b) Interval Data Services

The Company will provide the following Interval Data Services for Suppliers and Customers who wish to acquire, develop or analyze time interval meter data from the Company's meter installed at the Customer's service location. The following services are limited to those service locations with interval data recorders installed. The interval data will be provided in 30 minute intervals.

The Supplier is responsible for obtaining the Customer's authorization to release his/her meter data and shall maintain the confidentiality of Customer information. The Supplier may not sell or provide this information, in whole or in part, to another party.

1. Interval Data Access Service

(i) Subscription Service for Interval Data via Electronic Mail (E-mail), U.S. Mail or Internet Server

The Company will provide the monthly interval data in an electronic format to the Customer or Supplier via E-Mail, U.S. Mail, or the Company will post the monthly interval data files to an internet server designated by the Company. The Customer or Supplier is responsible for downloading the file containing the interval data from the internet server.

Single Delivery Service Account\$25.00 per Month*

*At Supplier's option, a \$300 annual charge may be assessed in lieu of the \$25 monthly charge.

(ii) One-Time Request for Interval Data

If available, the Company will provide a Customer's historical interval data in an electronic format to the Customer or Supplier at the following rate:

Single Delivery Service Account\$50.00 per Request

Issued: ~~January 10, 2017~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 9, 2017~~ July 1, 2019

Title: President and Chief Operating Officer

2. Load Pulse Outputs Service

This service is offered to Customers or Suppliers who desire a pulse output from the Company's meter. The Company will acquire and install the equipment to allow the Customer or Supplier to interface with the Company's metering equipment and enable the Customer or Supplier to have access to load pulse output. Pulses representing kilowatt-hours are usually requested, but other electrical quantities such as kilovar-hours are also available. The Customer or Supplier has the option to connect this output to their own interval data recorder or other load monitoring or load management devices. The Customer or Supplier is responsible for connecting their own devices to the load pulse output. ~~The Load Pulse Outputs Service is available at no additional charge to Customers or Suppliers who receive service under the Extended Metering Service provided the Customer or Supplier provides and maintains a dedicated, dial-up, analog telephone line to the meter.~~ The one-time fee for this service is as follows:

Load Pulse Output

~~Kilowatt-hour~~Up to Two Metered Quantities.....\$240~~800~~ per ~~Meter~~Isolation Relay Device

~~Each Additional Meter Quantity.....\$125~~ per Meter

3. ~~Extended Metering Service~~

~~This service is offered to Customers or Suppliers who desire telephone access directly to the Company's meter. The Company will acquire and install recording meters that can be accessed through a telephone line. Up to five meters can be read with one telephone line. The Customer or Supplier shall arrange for the installation and ongoing charges associated with the phone line required under this option. The Customer or Supplier will have "read-only" access through their own software to the Company's recording meter for direct retrieval of interval data from the meter. The Load Pulse Outputs Service is available at no additional charge to Customers or Suppliers who receive service under the Extended Metering Service provided the Customer or Supplier provides and maintains a dedicated, dial-up, analog telephone line to the meter. The one-time fee for this service is as follows:~~

~~Telephone Access Recording Meter.....\$148~~ per Telephone Line

4. ~~Special Request Interval Data Service~~

~~The Company will provide Special Request Interval Data Service subject to mutual agreement. The Customer or Supplier may request the installation of a particular meter or communications device as long as the equipment meets all applicable Company standards and requirements. Any device installed on Company-owned equipment cannot interfere with the operation of the Company's equipment. Any communication device or meter approved for installation by the Company shall be owned, controlled and maintained by the Company. The requester shall bear all costs associated with the new product approval process as well as the installation, ownership and maintenance of the communication device or meter.~~

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

~~(e)~~ ~~Customer Load Analysis~~

~~The Company will provide Customer Load Analysis, as an optional service, to Suppliers. The analysis will be designed to meet individual Supplier needs, or to address specific questions. Such requests may include but are not limited to, thirty minute or sixty minute aggregation of demands for multiple metering points or the determination of demand and energy for varying on-peak and off-peak periods. The result of the analysis will be provided in an electronic format. The Supplier is responsible for obtaining the Customer's authorization to release this information and will be required to maintain the confidentiality of the Customer information. The Supplier may not sell or provide this information, in whole or in part, to another party.~~

~~Customer Load Analysis Charge\$60.00 per hour~~

~~(d)~~(c) Supplier Customer Service

The Company will provide Customer Service, as an optional service, to Suppliers who have entered into a written agreement for Billing and Payment Service with the Company and who have entered into a written agreement for Supplier Customer Service with the Company for a minimum of one year. Customer Service is defined as processing of standard Customer informational requests on behalf of a Supplier including Supplier balances, rate information, resolving disputes and processing Customer enrollment. This service is available for Supplier's Customers located within the Company's Service Area. This service includes inbound calls and does not include outbound telemarketing service to potential Customers or promoting new Supplier services to existing Customers. The charges shall be assessed monthly and based on minutes of call handling time as follows:

Supplier Customer Service Charge\$1.10 per minute

Nothing herein shall prohibit the Company and Supplier from negotiating an annual per customer fee for Customer Services. The Supplier will be responsible for establishing a separate toll free number to allow the number of calls to be tracked as well as allowing for individualization of services.

~~(e)~~(d) Billing and Payment Service

The Company will provide Billing and Payment Service as an option to Suppliers who have entered into a written agreement for Billing and Payment Service with the Company for a minimum of one year. The monthly Billing and Payment Service Charge, listed below, is for billing arrangements which can be accommodated by the Company's billing systems without significant programming changes:

Billing and Payment Service Charge\$ 0.07 per bill rendered
Minimum Billing and Payment Service Charge\$ 100.00 per month

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

The Company shall also provide, at its option, Billing and Payment Service for Supplier pricing options which require programming changes to the Company's billing systems. Suppliers will be assessed a one-time setup charge at the following rate to enable non-standard Supplier billing arrangements by the Company:

Programming Setup Charge\$95.00 per hour

Any request by the Supplier for Rate Maintenance and Error Correction service provided by the Company in support of Billing and Payment Service will be billed on a monthly basis using the hourly rate below. Rate Maintenance and Error Correction will include maintaining Supplier rates and pricing options in the Company's billing systems and calculating Customer billing adjustments due to Supplier errors in pricing.

Rate Maintenance and Error Correction Charge\$~~50~~53.00 per hour

Customer payments received by the Company shall be applied to balances due to the Company and the Supplier in the following order:

(1) utility outstanding deposit obligations, (2) any utility current payment arrangement obligations, (3) any utility budget billing arrangement obligations, (4) utility and supplier aged accounts receivables, with a priority for the utility aged receivables, (5) utility and supplier current charges, with a priority for the utility's current charges, and (6) any miscellaneous nonelectric service product or services.

(e) Off-Cycle Meter Reading

In the event of non-payment by a Customer receiving Delivery Service under Large General Delivery Service Rate LG, a Supplier shall be permitted to request an off-cycle meter reading by the Company pursuant to the notice requirements and terms provided in Rule Puc 2004.12. Suppliers will be assessed the following charge:

Off-Cycle Meter Reading Charge (if telemetered)	\$53 per meter
Off-Cycle Meter Reading Charge (if non-telemetered)	\$84 per meter

3. Initiation and Termination of Supplier Service

(a) Initiation

To initiate Supplier Service to a Customer, the Supplier shall submit an Electronic Enrollment which shall comply with the EDI standard, as may be amended from time to time.

If the information on the Electronic Enrollment passes validation, the Company will send the Supplier a "Successful Enrollment" notice. Supplier Service shall commence on the date of the Customer's next meter read date, provided that the Supplier has submitted the Electronic Enrollment to the Company at least two business days prior to the scheduled meter read date. If the Company receives more than one Electronic Enrollment for the same Customer for the same enrollment period, the first successfully processed Electronic Enrollment shall be accepted. All subsequent Electronic Enrollments received during that enrollment period shall be rejected.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

If a Supplier's Electronic Enrollment fails to meet the requirements of this Tariff, the Company shall, within one business day of receipt of the Electronic Enrollment, notify the Supplier through an EDI Error notice.

(b) Termination

To terminate Supplier Service with a Customer, the Supplier of record shall submit electronically to the Company a valid "Supplier Drops Customer" transaction. Supplier Service shall terminate on the date of the Customer's next meter read date, provided that the "Supplier Drops Customer" transaction is submitted and successfully processed at least two business days prior to the Customer's scheduled meter read date. If the "Supplier Drops Customer" transaction is not received at least two business days prior to the scheduled meter read date, Supplier Service will terminate on the subsequent meter read date. The Company shall send a "Confirm Drop Date" transaction to the Supplier of record. The Supplier of record will be responsible for notifying the Customer of the termination date.

In cases where the Company uses estimated energy and demand values for billing purposes and the estimated bill coincides with the termination of Supplier Service, the Supplier shall agree to accept the estimated metering values as final values. The Company shall not be obligated to reconcile the estimated values after actual meter reading values are available.

(c) Customer Moves

If a Customer of record moves within the Company's Service Area and the Customer or designee notifies the Company prior to the initiation of Delivery Service at the new service location that he/she wishes to continue Supplier Service with the Supplier of record, the Company shall send a "Customer Move" notice to the Supplier and no Electronic Enrollment is necessary for the continuation of Supplier Service.

If a Customer of record initiates Delivery Service at a new service location, in addition to another established account within the Company's Service Area, the Customer shall be responsible for selecting a Supplier for the new service location. If an Electronic Enrollment is not received by the Company at least two business days before the initiation of Delivery Service, the Customer will be rendered energy and capacity under Default Service.

Unless the Company is notified otherwise by the Customer, the Company treats all applications for Delivery Service as a new Customer to the Service Area and the Customer will be rendered energy and capacity under Default Service at the new service location. In the event the Company is informed that the new application for Delivery Service is a Customer of record on or after the date Delivery Service is initiated, the Supplier will be notified either by the Customer Usage Information or the Customer Usage and Billing Information EDI transactions, if and when Delivery Service is terminated at the prior service location.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

(d) Other

In the event a Delivery Service account is terminated by either the Customer or the Company, such termination will be shown on either the Customer Usage Information or the Customer Usage and Billing Information EDI transactions.

4. Exclusion of Supplier From Providing Service Within the State of New Hampshire or From the Regional Market

In the event of a Supplier's Default that has led to a Suspension from regional market participation by ISO-NE or another event causing a Supplier to be unable to provide service to its customers in New Hampshire, the Company shall transfer all Customers of the Supplier to Default Energy Service as of the effective date provided by ISO-NE or the Commission, as applicable, otherwise known as the transfer date. Such Suppliers will be assessed a customer transfer charge. Transferred Customers shall remain on Default Energy Service until the Company receives a valid Electronic Enrollment from a registered Supplier or notice from the Customer in the case of Self-Supply Service. The Company shall require a new signed service agreement with any Supplier that has been Suspended and has subsequently been reinstated by ISO-NE, or if another event caused a Supplier to be unable to provide service to its customers and that event was subsequently cured. Electronic Enrollments from Suppliers reinstated by ISO-NE or the Commission shall be effective no sooner than thirty days from the transfer date provided by ISO-NE or the Commission, unless agreed to by the Company.

Customer Transfer Charge: \$64 per service account

45. Interruption, Disconnection and Refusal of Delivery Service

Any interruption, disconnection and refusal of Delivery Service by the Company shall be in accordance with this Tariff and the rules of the Commission. The Company shall not be liable for any revenue losses to Suppliers as a result of an interruption or disconnection of Delivery Service to an existing Customer.

In the event the Company refuses to supply or expand Delivery Service for any reason, the Company shall not be responsible for any losses or damages (direct, indirect or consequential) to a Supplier resulting from the corresponding loss of compensation.

56. Metering

The Company shall meter each Customer in accordance with Tariff provisions. Each Customer shall be metered or its load estimated such that the loads can be reported to the ISO-NE for inclusion in the Supplier's, or applicable NEPOOL member's, load calculations.

In the event a Supplier utilizes the Company's meter readings for billing purposes, the Company shall not be responsible for any loss or damage to a Supplier resulting from a failure of the Company's metering equipment to partially or fully register the amount of electricity consumed by a Customer.

Should a Supplier install metering equipment or any other equipment on Customer-owned facilities which interferes with the operation of the Company's metering equipment or any

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

other Company-owned equipment, the Supplier shall undertake best efforts to remedy the interference in a timely manner and shall compensate the Company for any damages resulting from the interference. Failure to remedy the interference may result in the termination of Delivery Service after 30 days' notice to the Supplier and Customer.

The Company is not obligated to use metering data registered by Supplier-owned metering equipment for the purpose of billing Delivery Service under this Tariff or for reporting load to ISO-NE.

67. Determination of Hourly Loads for ISO-NE Reporting (Estimation)

The determination and subsequent reporting of Supplier loads (which includes the coincident peak capacity values) shall be in accordance with NEPOOL/ISO-NE Market Rules and Procedures, and State regulations. Each Supplier's loads will be assigned to a specific load asset (as registered with ISO-NE) and the corresponding hourly values will be reported to ISO-NE for financial settlement of the wholesale electricity market, and appropriate regulatory bodies. Courtesy copies of this data may be provided to each Supplier.

Load settlement is performed using a combination of actual hourly interval meter data and estimated data. The multi-step process includes the determination of the (i) Retail Territory Load (as said term is defined in Section A below), (ii) Customer loads, and (iii) Supplier loads, as well as any adjustments to those values. A description of each of these steps follows.

(a) Determination of the Retail Territory Load (Real Time Market Settlement)

On an hourly basis, the Company will calculate an aggregate value representing the load of its Customers served below the 345kV transmission system (the "Retail Territory Load") at the PTF boundary with the Company Metering Domain(s). The Retail Territory Load will consist of the five components below as represented in the ISO-NE settlement system:

- (1) Total metered output of generation connected to the Company Metering Domain
- (2) Plus net imports into the Company Metering Domain
- (3) Less net exports from the Company Metering Domain
- (4) Less non-retail loads (e.g. wholesale load served to municipalities)
- (5) Less the Company Metering Domain's low voltage PTF losses as estimated by ISO-NE.

(b) Determination of Customer Load

For each Supplier, hourly loads for each day shall be estimated or telemetered and reported daily by the Company to the ISO-NE for inclusion in the Supplier's or applicable NEPOOL member's load calculations. Hourly load estimates for non-telemetered customers will be based upon load profiles developed by the Company for each Customer or customer class of the Company.

The Company shall normally report previous days' hourly loads to the ISO-NE by a specified time. These loads shall be included in the Supplier's load calculations.

To refine the estimates of the Supplier's loads that result from the estimated hourly loads, a monthly calculation shall be performed to incorporate the most recent Customer usage information, which is available after the monthly meter readings are processed.

The Customer hourly loads shall be determined from either actual hourly interval data or estimated from rate class profiles, consistent with the following steps:

(a) When utilizing average rate class profiles, The Company shall identify or develop a load profile for each customer class or each Customer for use in each day's daily determination of

~~hourly load.~~

~~The Company shall~~ calculate the usage factor for each Customer that reflects the Customer's usage relative to the average usage for the rate class. This Customer usage factor shall be used to scale the class load profile when estimating the Customer's ~~usage~~hourly load.

~~(b)~~ The Company will increase the hourly loads by a distribution loss factor, to account for losses between the Customer meter and the ISO-NE reporting point, the PTF boundary. The

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

~~(e) distribution loss factors used are for approximation purposes only and are to be used exclusively for the calculation of the Customers loads. Any potential difference between these loss factors and actual hourly losses will be captured in the allocation of residual, as described below.~~

~~(d) The Company shall develop estimates of hourly load profiles for the previous day for each Supplier such that the sum of the Supplier's loads equals the hourly metered loads collected each day. Distribution losses, which are included in the hourly metered Company loads, shall be fully allocated into Supplier loads. Losses on facilities linking generation to PTF Facilities shall be fully allocated into Supplier loads.~~

(c) Determination of Supplier Loads

Each Customer, including those on Default Energy Service or Self-Supply, will be assigned their associated Supplier code from the billing database. The Customer loads from Section (b) above will be summed, for each hour, by this Supplier code. For each hour, the difference between the Retail Territory Load and the sum of the loads from Section (b) above will constitute the "residual". The loads from Section (b) above will be adjusted by the residual. The residual will be allocated proportionally to each Supplier's share of the profiled loads from Section (b) above.

The sum of the loads plus any residual will constitute the Supplier hourly loads. The sum of the Supplier hourly loads in a Metering Domain will equal the Retail Territory Load of the same Metering Domain.

To refine the estimates of the Supplier's loads that result from the estimated hourly loads, a monthly calculation shall be performed to incorporate the most recent Customer usage information, which is available after the monthly meter readings are processed.

(d) Reporting of Supplier Loads for the ISO-NE Settlement Processes

In accordance with the ISO-NE rules and procedures, as amended from time to time, the Company will report to ISO-NE the Supplier hourly loads in the time period specified by the ISO-NE Rules for the initial settlement.

Subsequently, in accordance with the ISO-NE's rules and procedures that pertain to the resettlement processes, the Company will submit to ISO-NE any revised hourly values for assets reflected in the ISO-NE settlement system that are used to determine the Retail Territory Load for each hour of each day. The Company will also submit to ISO-NE any revised hourly energy quantities for each Supplier for each resettlement process.

As wholesale electricity market changes are implemented, the Company will comply with all such applicable market changes when determining the Retail Territory Load. The Company also shall determine and report the Supplier loads consistent with applicable market rules and procedures.

(e) Data Review

The process of Supplier load estimation involves statistical samples and estimating error. The Company shall not be responsible for any estimating, reporting, settlement or other types of errors associated with, or resulting from, this process, and the Company and shall not be liable to ~~the any~~ Supplier or any third party for any costs or losses that are associated with such estimating errors. Each Supplier is solely responsible for checking and ensuring the accuracy of all such data.

The terms above are also applicable to Customers who are receiving Self-Supply Service.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

78. Liability

The Company shall have no liability with respect to any transaction or arrangement by or between a Customer and Supplier.

The Company and the Supplier shall indemnify and hold the other and their respective affiliates, and the directors, officers, employees, and agents of each of them (collectively, "Affiliates") harmless from and against any and all damages, costs (including attorneys' fees), fines, penalties, and liabilities, in tort, contract, or otherwise (collectively, "Liabilities"), resulting from claims of third parties arising, or claimed to have arisen, from the acts or omissions of such party in connection with the performance of its obligations under this Tariff. The Company and the Supplier shall waive recourse against the other party and its Affiliates for or arising from the non-negligent performance by such other party in connection with the performance of its obligations under this Tariff.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL DELIVERY SERVICE RATE R

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available to those Customers who receive all of their electric service requirements hereunder, except that controlled electric service for thermal storage devices is available under Load Controlled Delivery Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of Delivery Service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, Delivery Service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Customer Charge \$~~12.69~~13.89 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charge.....~~4.14~~5.44¢

Distribution Adjustment Charge x.xxx¢

Transmission Charge 2.039¢

Stranded Cost Recovery..... 1.398¢

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter.

 Delivery Service measured by this meter will be billed monthly as follows:

Meter Charge \$4.~~47~~89 per month

Energy Charges:

Distribution Charge..... 2.~~875030~~¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery..... 1.398¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge \$~~7.884~~8.89 per month

Energy Charges:

Distribution Charge..... ~~0.1201~~1.498¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery..... 0.827¢ per kilowatt-hour

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

ELDERLY CUSTOMER DISCOUNT

Eligible Customers may receive an Elderly Customer Discount of ten percent (10%) from bill amounts computed under this rate for service rendered at their principal residence.

Eligible Customers are those Customers 70 years of age or older who are owners or renters of their principal residence or who normally pay a substantial portion of the cost of maintaining their principal residence who were receiving the Elderly Customer Discount pursuant to an applicable rate on February 1, 1982, and who have continuously received the Elderly Customer Discount since that date; provided that when an eligible Customer who has been receiving the discount deceases, a surviving spouse who would otherwise be eligible for the discount will be deemed to be an eligible Customer.

The covered provisions of this rate shall include all provisions relating to rates and charges (including the Customer charge and any meter charge) except for charges under the provision entitled "Service Charge", line extension surcharges, or any charges under Default Service. The covered provisions shall also include service under Load Controlled Delivery Service Rate LCS.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$~~1410~~.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$~~780~~.00. The Company will be entitled to assess an \$~~1826~~.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

RESIDENTIAL TIME-OF-DAY
DELIVERY SERVICE RATE R-OTOD

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service in individual urban, rural and farm residences and apartments. Service under this rate is available at the Customer's option to those Customers who have completed a written Application for Service and signed a Service Agreement and who receive all of their Delivery Service requirements hereunder, except that outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

This rate is not applicable to commercial purposes except as specified hereafter. Multiple use of service within the residence through one meter shall be billed in accordance with the predominant use of the demand. When wired for connection to the same meter, service under this rate shall include the residence and connecting and adjacent buildings used exclusively for noncommercial purposes.

The use of single-phase motors of 3 H.P. rating or less is permitted under this rate provided such use does not interfere with the quality of service rendered to other Customers. Upon written application to the Company, the use of larger motors may be authorized where existing distribution facilities permit.

LIMITATIONS ON AVAILABILITY

The availability of this rate to particular Customers is contingent upon the availability of time-of-use meters and personnel to administer the rate, all as determined by the Company.

Because the Company's distribution system and Customer service facilities have a limited electrical capacity, large and/or intermittent and irregular electrical loads can result in the overloading and damaging of said facilities and can adversely affect the quality of service to other Customers of the Company. Therefore, service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity and Customer service facilities do not exist in order to supply the electrical requirements of the applicant unless the Service Agreement provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both. Further, in the event that a Customer receiving service under this rate shall propose to materially increase the amount of Delivery Service required, the Customer shall give the Company prior written notice of this fact, thereby allowing the Company to ascertain whether sufficient distribution system capacity and Customer service facilities exist to serve the proposed increased requirement. Where the capacity or facilities do not exist, the Customer will not make the proposed increase until the Service Agreement shall be amended to provide for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be single-phase, 60 hertz, alternating current, normally three-wire at a nominal voltage of 120/240 volts.

RATE PER MONTH

Customer Charge\$~~29.47~~32.25 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
weekdays excluding Holidays).....~~13.235~~15.394¢

Off-Peak Hours (all other hours)~~0.193~~1.120¢

Distribution Adjustment Charge: x.xxx¢

Transmission Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
weekdays excluding Holidays).....2.039¢

Off-Peak Hours (all other hours)1.331¢

Stranded Cost Recovery.....1.208¢

The On-Peak Hours shall be the hours after 7:00 a.m. and before 8:00 p.m. weekdays excluding holidays as defined in this Tariff. The Off-Peak Hours shall be all hours not included in the On-Peak Hours.

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

CAPACITY CHARGE

The Company's studies may show that, in order to more closely follow cost of service, it is necessary or desirable to utilize meters capable of measuring rate of taking of electric service in kilowatts. The Company may install such meters either for all Customers served under this rate or for only those Customers whose usage of electricity is uncharacteristic of this class. At any time, the Company may file a revision of the rate form and/or charges of this rate to provide for an appropriate capacity charge. After such revision of this rate, any Customer who is subject to higher billing under this rate will have the option of continuing to take service under this rate or to take service under any other rate of the Company's Tariff which may be available.

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter.

Delivery Service measured by this meter will be billed monthly as follows:

Meter Charge\$4.8947 per month

Energy Charges:

Distribution Charge..... 2.030875¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery..... 1.398¢ per kilowatt-hour

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the-remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~

~~William J. Quinlan~~

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge..... ~~\$7.88~~4.89 per month

Energy Charges:

Distribution Charge..... ~~0.120~~1.498¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery.....~~0.827~~0.827¢ per kilowatt-hour

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$~~141~~10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$~~78~~0.00. The Company will be entitled to assess an \$~~182~~6.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

RESIDENTIAL ELECTRIC ASSISTANCE PROGRAM RATE EAP

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is available to the primary residence of residential Customers with a household income equal to or less than 200% of the federal poverty guidelines subject to the availability of funds for this program. Customers may apply for this rate with the Electric Assistance Program Administrator (Administrator) designated by the Public Utilities Commission. The Administrator will determine initial eligibility for Rate EAP and the appropriate Percent Discount level. The Administrator will also re-certify each Customer on or before the expiration date of the Customer's certification period. Billing for service under this rate shall commence on the date of the Customer's next meter read date (Effective Date) following the receipt by the Company of a certification notification transaction from the Administrator. Service under this rate shall continue until the Company receives a removal notification transaction from the Administrator, except that in the event the Customer terminates Delivery Service and does not request Delivery Service within 30 days, the Company may immediately remove the Customer from the Electric Assistance Program without notice to the Customer.

This rate is available in conjunction with the Company's Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD. Therefore, service shall be provided in accordance with the terms and conditions of Rate R or Rate R-OTOD as now or hereafter effective, except as specifically provided otherwise in this rate.

PERCENT DISCOUNT

For Customers receiving energy service under Default Energy Service, Customers will be billed for Delivery Service under Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD and for Default Energy Service, except that a Percent Discount will be applied to all applicable Delivery Service and Default Energy Service rate charges which includes the Customer Charge, any Meter Charge, the Distribution Charge, the Distribution Adjustment Charge, the Transmission Charge, the Stranded Cost Recovery Charge, the System Benefits Charge and the Default Energy Service Charge for the first 750 kWh of monthly usage per service account. The Percent Discount will not be applied to the Line Extension Surcharges, Returned Check Charges or Service Charges. The Percent Discount cannot be applied to or combined with the Elderly Customer Discount. The covered provisions of this rate shall also include service under Load Controlled Delivery Service Rate LCS.

For Customers receiving energy service from an Energy Service Provider that has elected to receive Billing and Payment Service from the Company (otherwise known as consolidated billing), the Percent Discount will be calculated in the same manner as Customers receiving energy service under Default Energy Service, i.e. the Company's Default Energy Service rate will be used in the calculation of the discount, rather than the Energy Service Provider's rate, regardless of the difference in rates. All other Percent Discount provisions remain the same as those applicable to Customers receiving energy service under Default Energy Service including the application of the Percent Discount to the first 750 kWh of monthly usage per service account.

Issued: ~~January 3, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~January 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by Secretarial Letter issued in Docket No. DE 18-184, dated December 31, 2018.~~

The following percent discounts apply:

Tier	Percentage of Federal Poverty Guidelines	Discount
2	151% to 200%	8%
3	126% to 150%	22%
4	101% to 125%	36%
5	76% to 100%	52%
6	up to 75%	76%

DEPOSITS

Deposits obtained by the Company prior to the Effective Date of service under this rate plus interest accrued thereon due to four consecutive disconnect notices, disconnection of service, or failure to provide satisfactory evidence of intent to remain at the service location for a period of twelve consecutive months shall be reviewed to ensure that the deposit amount plus accrued interest does not exceed the Customer's total bill for two high use months. To the extent the deposit exceeds the total bill amount of two high use months discounted by the Percent Discount the customer will receive on future bills under this rate, the difference shall be first applied to any outstanding balance owed to the Company by the Customer after the crediting of qualifying pre-program past due balances. Any remaining difference shall be refunded to the Customer within two months following the Effective Date of service under this rate. All other deposits obtained by the Company prior to the Effective Date of service under this rate shall be first applied to any outstanding balance owed to the Company by the Customer after the crediting of qualifying pre-program past due balances. Any remaining deposit amount shall be refunded to the Customer within two months following the Effective Date of service under this rate.

When deposits are required from Customers receiving service under this rate, the deposit shall not be more than the estimated bill for Delivery Service and Energy Service, if applicable, for a period of two high use months reduced by the amount of the Percent Discount when those months were incurred prior to the Effective Date of service under this rate.

Issued: ~~July 7, 2016~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~July 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 25,901 in Docket No. DE 14-078, dated May 13, 2016.~~

GENERAL DELIVERY SERVICE RATE G

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service for any use. It is available to (1) those Customers at existing delivery points who were receiving service hereunder on General Service Rate G on January 1, 1983, and who have continuously received service under that rate and this successor since that date, and (2) all other Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter. Controlled electric service for thermal storage devices is available under Load Controlled Service Rate LCS and outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts, or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, Delivery Service will be supplied only at a nominal voltage of 120/208 volts.

RATE PER MONTH

	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$14.89 <u>18.00</u> per month	\$29.76 <u>36.00</u>

Customer's Load Charges:

Per Kilowatt of Customer Load
in Excess of 5.0 Kilowatts

Distribution Charge.....	\$8.72 <u>10.50</u>
<u>Distribution Adjustment Charge</u>	<u>\$x.xx</u>
Transmission Charge	\$5.26
Stranded Cost Recovery.....	\$0.96

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 500 kilowatt-hours ~~6.98~~ 6.646¢

Next 1,000 kilowatt-hours ~~1.8947~~ 1.31¢

All additional kilowatt-hours ~~0.6701~~ 0.42¢

Transmission Charge

First 500 kilowatt-hours 1.900¢

Next 1,000 kilowatt-hours 0.715¢

All additional kilowatt-hours 0.383¢

Stranded Cost Recovery 1.069¢

WATER HEATING - UNCONTROLLED

Uncontrolled water heating service is available under this rate at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date, and when such service is supplied to approved water heaters equipped with either (a) two thermostatically-operated heating elements, each with a rating of no more than 5,500 watts, so connected or interlocked that they cannot operate simultaneously, or (b) a single thermostatically-operated heating element with a rating of no more than 5,500 watts. The heating elements or element shall be connected by means of an approved circuit to a separate water heating meter. ~~Service measured by this meter will be billed monthly as follows:~~

Meter Charge \$4. ~~8947~~ per month

Energy Charges:

Distribution Charge ~~2.875030~~¢ per kilowatt-hour

Distribution Adjustment Charge x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery 1.338¢ per kilowatt-hour

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

WATER HEATING - CONTROLLED

Controlled off-peak water heating is available under this rate for a limited period of time at those locations which were receiving controlled off-peak water heating service hereunder on Customer Choice Date and which have continuously received such service hereunder since that date. Service under this rate at such locations shall continue to be available only for the remaining life of the presently-installed water heating equipment. No replacement water heaters shall be permitted to be installed for service under this rate at locations which otherwise would qualify for this service.

For those locations which qualify under the preceding paragraph, controlled off-peak water heating service is available under this rate when such service is supplied to approved storage type electric water heaters having an off-peak heating element with a rating of no more than 1,000 watts, or 20 watts per gallon of tank capacity, whichever is greater. The off-peak element shall be connected by means of an approved circuit to a separate water heating meter. Electricity used will be billed monthly as follows:

Meter Charge.....\$~~4.897.88~~ per month

Energy Charges:

Distribution Charge..... ~~1.4980.120~~¢ per kilowatt-hour

Distribution Adjustment Charge..... x.xxx¢ per kilowatt-hour

Transmission Charge 1.578¢ per kilowatt-hour

Stranded Cost Recovery..... 0.790¢ per kilowatt-hour

SPACE HEATING SERVICE

Space heating service is available under this rate at those locations which were receiving space heating service under the Transitional Space Heating Service Rate TSH prior to Customer Choice Date and which have continuously received such service since that date. Customers at such locations who have elected this rate shall have the electricity for such service billed separately on a monthly basis as follows:

Meter Charge.....\$~~3.262.98~~ per month

Energy Charges:

Distribution Charge..... ~~4.0433.426~~¢ per kilowatt-hour

Distribution Adjustment Charge..... x.xxx¢ per kilowatt-hour

Transmission Charge 1.900¢ per kilowatt-hour

Stranded Cost Recovery..... 1.666¢ per kilowatt-hour

Space heating equipment served under this rate, including heat pumps and associated air circulating equipment, shall be wired by means of approved circuits to permit measurement of such equipment's additional demand and energy use.

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
William J. Quinlan

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

Customers taking space heating service under this rate at locations where the regular power and lighting service is delivered at primary voltage level or above shall be required to provide at the Customers' expense suitable transforming, controlling and regulating apparatus, acceptable to and approved by the Company, for the space heating service in the same manner as for the power and lighting service, so that deliveries of all electric service may be made by the Company at the same voltage level.

CUSTOMER'S LOAD

Customer's load is defined as the greatest rate of taking Delivery Service in kilowatts for any thirty (30) minute interval during the current monthly billing period.

Customer's load shall be measured whenever (a) such load is known or estimated to be 5.0 kilowatts or more, or (b) the Customer's use of service is 750 kilowatt-hours or more per month for three (3) consecutive months. However, any Customer's load may be measured at the Company's option. When measured, Customer's load shall be determined to the nearest one-tenth (0.1) kilowatt for billing purposes.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be \$~~1410~~.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be \$~~780~~.00. The Company will be entitled to assess a ~~\$1826~~.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Short-term, seasonal or transient Customers who take service at temporary locations shall pay for the cost of installing and removing the necessary poles, wires, transformers, cable and other equipment in addition to the foregoing service charge.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

GENERAL TIME-OF-DAY DELIVERY SERVICE RATE G-OTOD

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Delivery Service to Customers who utilize electric thermal storage devices and other applications approved by the Company. It is available to Customers whose loads as defined for billing purposes do not exceed 100 kilowatts. Service is available at the Customer's option to those Customers who have completed a written Application for Service and signed a Service Agreement, and who receive all of their Delivery Service requirements hereunder, except that outdoor area lighting is available under Outdoor Lighting Service Rate OL.

Customers taking service under this rate shall provide any necessary transforming and regulating devices on the Customer's side of the meter.

LIMITATIONS ON AVAILABILITY

The availability of this rate to particular Customers is contingent upon the availability of time-of-use meters and personnel to administer the rate, all as determined by the Company.

Because the Company's distribution system and Customer service facilities have a limited electrical capacity, large and/or intermittent and irregular electrical loads can result in the overloading and damaging of said facilities and can adversely affect the quality of service to other Customers of the Company. Therefore, service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity and Customer service facilities do not exist in order to supply the electrical requirements of the applicant unless the Service Agreement provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both. Further, in the event that a Customer receiving service under this rate shall propose to materially increase the amount of Delivery Service required, the Customer shall give the Company prior written notice of this fact, thereby allowing the Company to ascertain whether sufficient distribution system capacity and Customer service facilities exist to serve the proposed increased requirement. Where the capacity or facilities do not exist, the Customer will not make the proposed increase until the Service Agreement shall be amended to provide for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

SERVICE AGREEMENT

The term of the Service Agreement shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

CHARACTER OF SERVICE

Service supplied under this rate will be 60 hertz, alternating current, either (a) single-phase, normally three-wire at a nominal voltage of 120/240 volts or (b) three-phase, normally at a nominal voltage of 120/208 or 277/480 volts. Three-phase, three-wire service at a nominal voltage of 240, 480 or 600 volts is available only to those Customers at existing locations who were receiving such service on February 1, 1986, and who have continuously received such service since that date. In underground secondary network areas, service will be supplied only at a nominal voltage of 120/208 volts.

RATE PER MONTH

	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$ 42.2138.57 per month	\$ 60.3255.12

Customer's Load Charges:

Per Kilowatt of Customer Load

Distribution Charge.....	\$ 14.262.15
Distribution Adjustment Charge	\$x.xxx
Transmission Charge	\$ 3.47
Stranded Cost Recovery.....	\$ 0.48

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays).....	5.3644.901¢
Off-Peak Hours (all other hours)	0. 841768¢
Stranded Cost Recovery.....	0.790¢

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan
~~William J. Quinlan~~

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

CUSTOMER'S LOAD

Customer's load is defined as the greatest rate of taking service in kilowatts for any thirty (30) minute interval during on-peak hours of the current monthly billing period. On-peak hours shall be the hours of 7:00 a.m. through 8:00 p.m. weekdays excluding Holidays as defined in this Tariff.

SERVICE CHARGE

When the Company establishes or re-establishes a Delivery Service account for a Customer at a meter location, the Company will be entitled to assess a service charge in addition to all other charges under this rate. The service charge will be ~~\$14~~10.00 if the Company does not have to send an employee to the meter location to establish or re-establish Delivery Service. When it is necessary for the Company to send an employee to the meter location to establish or re-establish Delivery Service, the service charge will be \$35.00. When it is necessary for the Company to send an employee to the meter location outside of normal working hours to establish or re-establish Delivery Service, the service charge will be ~~\$7~~80.00. The Company will be entitled to assess ~~an \$18~~26.00 service charge when it is necessary to send an employee to the Customer location to collect a delinquent bill. This charge shall apply regardless of any action taken by the Company including accepting a payment, making a deferred payment arrangement or leaving a collection notice at the Customer's premises.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

LOAD CONTROLLED DELIVERY SERVICE RATE LCS

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part and as provided hereinafter, the radio-controlled option of this rate is available at those locations which were receiving service hereunder on July 1, 2020 and which have continuously received such service since that date. Under the radio-controlled option it is applicable to ~~for~~ separately metered and controlled Delivery Service to electric thermal storage devices and to conventional electric space heating when a dynamic electric thermal storage system or a wood stove or coal stove is available for use as a backup during times when service is interrupted by the Company and other applications approved by the Company. Service under the 8-hour, 10-hour and 11-hour options is available only at those locations which were receiving service under one of these options under Load Controlled Service Rate LCS or Controlled Off-Peak Electric Water Heating Service Rate COPE on October 1, 2004 and which have continuously received such service since that date.

The availability of the radio-controlled option in conjunction with a wood stove or coal stove shall be limited to those premises which have electric space heating equipment as the sole source of space heating, excluding the wood stove or coal stove. Such wood stove or coal stove must be permanently installed and sized to adequately heat the main living area of the premises.

Service under this rate is available at the Customer's option to those Customers whose electric thermal storage or other equipment has been approved by the Company for load control as provided hereinafter. Such equipment must be connected to a separate circuit to which no other electrical load shall be connected.

Radio-Controlled Option - Delivery service will be subject to interruptions of up to eight (8) hours during each twenty-four (24) hour day between 7:00 a.m. and 11:00 p.m. Each interruption will not exceed four (4) hours and the time between two consecutive interruptions will be no less than two (2) hours.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

This rate is intended as a rider applicable to Residential Delivery Service Rate R or General Delivery Service Rate G. Therefore, service under this rate must be taken in conjunction with service provided under either Rate R or Rate G in accordance with the terms and conditions therein as now or hereafter effective except as may be specifically provided otherwise in this rate.

LIMITATIONS ON AVAILABILITY

Service under this rate shall not be available where, in the Company's judgment, sufficient distribution system capacity does not exist in order to supply the electrical requirements of the applicant unless the Customer provides for a suitable cash payment or a satisfactory revenue guarantee to the Company, or both.

The availability of this rate is also contingent upon the availability to the Company of personnel and/or other resources necessary to provide service under this rate.

TERM

The term of service under this rate shall be one year, and shall continue thereafter until canceled by one month's notice to the Company by the Customer. The Customer will not be permitted to change from this rate to any other rate until the Customer has taken service under this rate for at least twelve months. However, upon payment by the Customer of a suitable termination charge, the Company may, at its option, waive this provision where a substantial hardship to the Customer would otherwise result.

RATE PER MONTH

Customer Charges:

Radio-Controlled Option\$11.309~~11~~ per month
8-Hour, 10-Hour or 11-Hour Option.....\$4.897~~88~~ per month

Issued: ~~January 2, 2018~~May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~William J. Quinlan
~~Paul E. Ramsey~~

Effective: ~~January 1, 2018~~July 1, 2019
Operating Officer

Title: ~~Vice President—Operations~~President and Chief

~~Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.~~

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

Radio-Controlled Option 0.149¢

~~or~~ 8-Hour Option..... 1.498¢ ~~120¢~~

10-Hour or 11-Hour Option 2.875¢ ~~448¢~~

Distribution Adjustment Charges:

Radio-Controlled Option x.xxx¢

8-Hour Option..... x.xxx¢

10-Hour or 11-Hour Option x.xxx¢

Transmission Charge 1.578¢

Stranded Cost Recovery (When service is taken
in conjunction with Rate R).....0.827¢

Stranded Cost Recovery (When service is taken
in conjunction with Rate G).....0.790¢

METERS

Under this rate, the Company will install one meter with appropriate load control devices.

ELECTRIC THERMAL STORAGE EQUIPMENT APPROVED FOR LOAD CONTROL

Load Controlled Service is available under this rate to electric thermal storage installations meeting the Company's specifications as to type, size and electrical characteristics in accordance with the following guidelines.

I. Electric Thermal Storage Space Heating Equipment

Adequate control and switching equipment must be installed to provide capability for staggering the commencement of the charging period with respect to other electric thermal storage devices and for permitting partial charging on warmer days, and for controlling service to the thermal storage devices.

The storage capability of the electric thermal storage device must be adequate to heat the Customer's whole premises under design conditions and must be properly sized to ensure a constant rate of charging during the period which service under this rate is available as determined by the Company in accordance with its customary procedures. A smaller-sized electric thermal storage device may be approved by the Company for use in the Customer's premises under the Radio-Controlled Option.

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/~~William J. Quinlan
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.

II. Electric Thermal Storage Water Heating

Load Controlled Service for electric thermal storage water heating is available under this rate when service is taken in conjunction with electric thermal storage space heating and at those locations which were receiving service under the Controlled Off-Peak Electric Water Heating Service Rate COPE on October 1, 2004 and which have continuously received such service since that date.

Service shall be supplied to electric thermal storage water heaters having either (i) two thermostatically-operated top and bottom heating elements, each with a rating of no more than 4,500 watts or forty (40) watts per gallon of storage capacity, whichever is greater, or (ii) a single thermostatically-operated heating element with a rating of 4,500 watts or forty (40) watts per gallon of storage capacity, whichever is greater. When there are two elements, both top and bottom elements must be connected and wired for Load Controlled Service, and must be connected or interlocked so that they cannot operate simultaneously.

The storage capacity of all electric thermal water heaters installed under the Radio-Controlled Option shall be forty (40) gallons or more. The storage capacity of all electric thermal water heaters installed under the 8-Hour, 10-Hour and 11-Hour Options shall be eighty (80) gallons or more. At the Company's option, smaller tanks may be installed for use in an individual apartment of a multi-family building under the 8-Hour, 10-Hour and 11-Hour Options.

INCREASED WATER HEATING CAPABILITY

Electric thermal storage water heating with switching capabilities for increasing the capability of the Customer's water heating equipment is available under this rate at those locations which had switching capability installed on or before January 1, 1994 and which have continuously received such service since that date. The element or elements must be connected and wired such that increased water heating capability is provided under Rate R or Rate G. Customers with installed switching capability will be billed an additional \$1.23 per month as a Customer charge. Switching capability is not available under the Radio-Controlled Option.

FEE FOR EMERGENCY CHARGING

If, due to an electrical outage or equipment malfunction, emergency charging of electric thermal storage devices is required at any time during which Delivery Service under this rate is not normally available, the Company will perform such charging upon sufficient notification. If charging is necessitated as a result of a malfunction of the Customer's equipment, the Company may assess the Customer a fee for such charging.

Issued: ~~January 2, 2018~~ May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~ William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~ July 1, 2019
Operating Officer

Title: ~~Vice President—Operations~~ President and Chief

PRIMARY GENERAL DELIVERY SERVICE RATE GV

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose maximum demand shall not exceed 1,000 kilowatts. Service rendered hereunder shall exclude backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL.

Suitable transforming, controlling and regulating apparatus, acceptable to and approved by the Company, shall be provided at the expense of the Customer. In locations in which space limitations or other factors make it impossible or inadvisable, in the opinion of the Company, for the Customer to have transforming apparatus devoted to its exclusive use, and in secondary network areas in which primary service is not made available by the Company at its option, Delivery Service shall be supplied from Company-owned transforming apparatus which also supplies other Customers. In such cases, this rate is available provided the Customer pays an annual rental charge equal to eighteen percent (18.0%) of the cost of the equivalent transformer capacity the Customer would furnish or rent to serve the load if exclusive use of a transformer bank by him were possible or if primary, three-phase service were available and provided the Customer pays in full the estimated cost of installing such equivalent transformer capacity at the time Delivery Service is initiated.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal voltage determined by the Company, generally 2,400/4,160, 4,800/8,320, 7,200/12,470, or 19,920/34,500 volts. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH

Customer Charge\$~~226.65~~~~194.03~~ per month

Issued: ~~January 2, 2018~~ May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~ William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~ July 1, 2019
Operating Officer

Title: ~~Vice President—Operations~~ President and Chief

Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.

Demand Charges:

Per Kilowatt of Maximum Demand

Distribution Charges:

First 100 kilowatts..... \$~~6.685.58~~

Excess Over 100 kilowatts..... \$~~6.415.34~~

Distribution Adjustment Charge.....\$x.xxx

Transmission Charge \$7.04

Stranded Cost Recovery..... \$0.83

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 200,000 kilowatt-hours.....0.6~~6306~~¢

All additional kilowatt-hours0.5~~5709~~¢

Stranded Cost Recovery..... 0.850¢

~~SPACE HEATING SERVICE~~

~~Space heating service is available under this rate at those locations which were receiving space heating service under the space heating provisions of Transitional Space Heating Service Rate TSH prior to Customer Choice Date and which have continuously received such service since that date. Customers at such locations who have elected this rate shall have the electricity for such service billed separately on a monthly basis as follows:~~

~~Meter Charge\$2.98 per month~~

~~Energy Charges:~~

~~Distribution Charge..... 3.426¢ per kilowatt-hour~~

~~Transmission Charge 1.900¢ per kilowatt-hour~~

~~Stranded Cost Recovery..... 1.401¢ per kilowatt-hour~~

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

~~Space heating equipment served under this rate, including heat pumps and associated air circulating equipment, shall be wired by means of approved circuits to permit measurement of such equipment's additional demand and energy use.~~

~~Customers taking space heating service under this rate at locations where the regular power and lighting service is delivered at primary voltage level or above shall be required to provide at the Customers' expense suitable transforming, controlling and regulating apparatus, acceptable to and approved by the Company, for the space heating service in the same manner as for the power and lighting service, so that deliveries of all electric service may be made by the Company at the same voltage level.~~

PRIMARY METERING LOSS ADJUSTMENT

When at the Company's option Delivery Service is metered at delivery voltage (2,400 volts nominal and above), all demand and energy meter readings shall be reduced by one and three-quarters percent (1.75%). Where feasible and at the Company's option, a value other than one and three-quarters percent (1.75%) may be used when specific data is available and this value is a more accurate representation of electrical losses.

MAXIMUM DEMAND

The kilowatt (KW) demand and, at the Company's option, the kilovolt-ampere (KVA) demand during each thirty-minute interval of the current monthly billing period shall be determined by measurement. Maximum demand shall be determined to the nearest whole (1.0) kilowatt (KW) or kilovolt-ampere (KVA) for billing purposes and shall be defined as the greater of:

- (1) the highest kilowatt (KW) demand registered during the on-peak hours of said period or if kilovolt-ampere (KVA) demand is measured, the greater of (a) the highest kilowatt (KW) demand during said period or, (b) 80 percent of the highest kilovolt-ampere (KVA) demand measured of said period or,
- (2) fifty percent (50%) of the maximum demand, as defined above, occurring during off-peak hours.

OFF-PEAK PERIODS

The off-peak period shall be the period including the hours after 8:00 p.m. and before 7:00 a.m. Monday through Friday, and the entire day on Saturdays, Sundays, and Holidays as defined in this Tariff. The on-peak period shall be all hours not included in the off-peak period.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as maybe determined by the operation of the sections in this rate entitled "Guarantees" and "Apparatus".

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum charge shall be ~~\$1,043,893~~ per month.

APPARATUS

Substation foundations, structures, and all necessary controlling, regulating, transforming, and protective apparatus shall be furnished, owned, and maintained by the Customer at the Customer's expense. However, controlling, regulating, and transforming apparatus may be rented from the Company at a charge of eighteen percent (18.0%) per year of the equipment cost. The cost of installing such equipment shall be paid in full at the time service is initiated. In no event shall the Company be required to rent apparatus to the Customer the total cost of which shall exceed \$10,000. The Company may refuse to rent pole-mounted apparatus based on environmental and other immediate hazards that are present. In the event the Company refuses to rent a pole-mounted apparatus, the Company shall inform the Customer of the environmental and other immediate hazards that are present and shall provide the Customer with the opportunity to remove the hazards. In the event the environmental and the other immediate hazards are removed by the Customer, the Company shall agree to rent pole-mounted apparatus to the Customer. If a Customer-owned structure supporting a Company owned pole-mounted transformer is deemed insufficient or threatened by trees or other hazards, the Company shall inform the Customer of the hazards and shall provide the Customer with the opportunity to repair or remove the hazard. In the event the Customer refuses to repair or remove the hazard or does not repair or remove the hazard in a timely manner, the Company is authorized to terminate the existing rental agreement and to remove the transformer upon 90 days written notice to the Customer. In cases where the Customer elects to rent apparatus from the Company, the Customer shall guarantee, in addition to any other guarantees, to continue to pay rental therefor for a period of not less than four (4) years. Should the Customer discontinue service before four (4) years shall have elapsed, the guaranteed rental then unpaid shall immediately become due and payable.

Issued: ~~January 2, 2018~~May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~July 1, 2019
Operating Officer

Title: ~~Vice President—Operations~~President and Chief

METERING

The Company may install one or more meters at its option. Metering shall be located on the low voltage side of the Customer's transforming apparatus provided, however, that metering may be at delivery voltage at the option of the Company.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

LARGE GENERAL DELIVERY SERVICE RATE LG

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for high voltage Delivery Service. It is available upon the signing of a Service Agreement for such service at specified delivery points to Customers whose loads are larger than those that would be permitted under Rate GV of this Tariff. Service rendered hereunder shall exclude all backup and standby service provided under Backup Delivery Service Rate B. Outdoor area lighting is available under Outdoor Lighting Delivery Service Rate OL. Substation foundations and structures, and suitable controlling, regulating, and transforming apparatus, all of which shall be acceptable to and approved by the Company, together with such protective equipment as the Company shall deem necessary for the protection and safe operation of its system, shall be provided at the expense of the Customer.

CHARACTER OF SERVICE

Delivery Service supplied under this rate will be three-phase, 60 hertz, alternating current, at a nominal delivery voltage determined by the Company, generally 34,500 volts or higher. A reasonably balanced load between phases shall be maintained by the Customer.

RATE PER MONTH

Customer Charge \$~~719.88~~~~606.47~~ per month

Demand Charges:

Per Kilovolt-Ampere of Maximum Demand

Distribution Charge..... \$~~5.834~~~~.75~~

Distribution Adjustment Charge \$x.xxx

Transmission Charge \$6.93

Stranded Cost Recovery..... \$0.30

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours.....0.5~~5608~~¢

Off-Peak Hours0.4~~7029~~¢

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/~~William J. Quinlan

~~William J. Quinlan~~

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

Energy Charges (Continued...)

Per Kilowatt-Hour

Stranded Cost Recovery:

On-Peak Hours 0.256¢

Off-Peak Hours 0.171¢

MAXIMUM DEMAND

The kilovolt-ampere (KVA) demand during each thirty-minute interval of the current monthly billing period shall be determined by measurement. Maximum demand shall be determined for billing purposes to the nearest whole (1.0) kilovolt-ampere and shall be defined as the greater of:

- (1) the highest kilovolt-ampere demand registered during the on-peak hours of said period, or
- (2) fifty percent (50%) of the highest kilovolt-ampere demand registered during the off-peak hours of said period, except that for any portion of the Customer's highest off-peak kilovolt-ampere demand in excess of 30,000 kilovolt-amperes the multiplier applicable to the amount of such demand within each successive 10,000 kilovolt-ampere block of such excess portion shall be increased from fifty percent (50%) by successive ten percent (10%) increments, up to a maximum multiplier of one hundred percent (100%) for that portion of demand in excess of 70,000 kilovolt amperes, or
- (3) eighty percent (80%) of the amount by which the greatest amount defined in (1) and (2) above during the eleven (11) preceding months exceeds 1,000 kilovolt-amperes.

OFF-PEAK PERIOD

The off-peak period shall be the period including the hours after 8:00 p.m. and before 7:00 a.m., Monday through Friday, and the entire day on Saturdays, Sundays, and Holidays. The on-peak period shall be all hours not included in the off-peak period.

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as maybe determined by the operation of the sections in this rate entitled "Guarantees" and "Apparatus".

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

DISCOUNT FOR SERVICE AT 115,000 VOLTS

A monthly discount of forty-three cents (\$0.~~5143~~) per kilovolt-ampere (KVA) of maximum demand shall be given to Customers who contract to take service under this rate at a delivery voltage of 115,000 volts and to pay charges based on a monthly maximum demand of at least 10,000 kilovolt-amperes. Except as provided in the last sentence of this paragraph, this discount is available only at specified delivery points on the 115,000 volt transmission system of the Company as it exists from time to time where, in the opinion of the Company, there is sufficient capacity in facilities to supply the Customer's requirement and where system integrity and operating flexibility will not be impaired by the addition of the Customer's load. The discount is available also at other delivery points, provided the Customer satisfies the Company's requirements determined under Paragraph (a) of the section of this rate entitled "Guarantees".

In the event that any Customer qualifying for and receiving the discount provided in this section shall require a substantially larger or substantially smaller amount of capacity, the Customer shall so notify the Company in writing at least two (2) years prior to the date when such larger or smaller amount shall be required.

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to deliver electrical energy properly to the Customer's point of delivery or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum monthly charge shall be \$~~1,124~~~~947~~ per month.

Issued: ~~January 2, 2018~~May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~July 1, 2019
Operating Officer

Title: ~~Vice President - Operations~~President and Chief

~~Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.~~

APPARATUS

Substation foundations, structures, and all necessary controlling, regulating, transforming, and protective apparatus shall be furnished, owned, and maintained by the Customer at the Customer's expense. However, controlling, regulating, and transforming apparatus may be rented from the Company at a charge of eighteen percent (18.0%) per year of the equipment cost. The cost of installing such equipment shall be paid in full at the time service is initiated. In no event shall the Company be required to rent apparatus to the Customer the total cost of which shall exceed \$10,000. The Company may refuse to rent pole-mounted apparatus based on environmental and other immediate hazards that are present. In the event the Company refuses to rent a pole-mounted apparatus, the Company shall inform the Customer of the environmental and other immediate hazards that are present and shall provide the Customer with the opportunity to remove the hazards. In the event the environmental and the other immediate hazards are removed by the Customer, the Company shall agree to rent pole-mounted apparatus to the Customer. If a Customer-owned structure supporting a Company owned pole-mounted transformer is deemed insufficient or threatened by trees or other hazards, the Company shall inform the Customer of the hazards and shall provide the Customer with the opportunity to repair or remove the hazard. In the event the Customer refuses to repair or remove the hazard or does not repair or remove the hazard in a timely manner, the Company is authorized to terminate the existing rental agreement and to remove the transformer upon 90 days written notice to the Customer. In cases where the Customer elects to rent apparatus from the Company, the Customer shall guarantee, in addition to any other guarantees, to continue to pay rental therefor for a period of not less than four (4) years. Should the Customer discontinue service before four (4) years shall have elapsed, the guaranteed rental then unpaid shall immediately become due and payable.

METERING

The Company may install one or more meters at its option. Metering shall be at delivery voltage, provided, however, that metering may be at a lower voltage at the option of the Company, in which case the maximum demand and kilowatt-hour energy use shall include the losses imposed by transformers between the delivery and metering points. In the latter case, the Company may at its option correct for the transformer losses by compensated metering or estimate such losses by another suitable method.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

BACKUP DELIVERY SERVICE RATE B

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for backup and maintenance Delivery Service provided by the Company in conjunction with electricity produced by generation facilities located on the Customer's side of the meter which supplies all or a portion of the Customer's electric load requirements on a regular basis. Service under this rate is mandatory for Customers who take Conjunctional Service as specified in the Terms and Conditions for Delivery Service, and who, except for their own generation, would otherwise qualify for service under either Rate GV or Rate LG. This rate is not mandatory for service to Customers whose generating equipment is installed for the purpose of providing a backup or emergency supply during service outages on the Company's system, nor is it mandatory for Customers whose generation was installed prior to and has not been rebuilt since January 1, 1985. Customers taking service under this rate shall be required to execute a Service Agreement for such service which shall be available only at the delivery point specified therein.

Any Customer taking service under this rate shall be subject to the provisions of:

a) Conjunctional Delivery Service under the Terms and Conditions for Delivery Service, and b) the applicable Delivery Service rate under which the Customer would otherwise take service from the Company if the Company delivered all the Customer's electricity requirements, except as such provisions may be modified by, or conflict with, the terms of this Rate Schedule.

The delivery of any electricity generated by the Customer in excess of the Customer's total electric load requirements and made available for sale to the Company or other entity shall be governed by the terms of a separate agreement.

DEFINITIONS

Standard Rate: The standard Delivery Service rate, either Primary General Delivery Service Rate GV or Large General Delivery Service Rate LG, under which the Customer would otherwise take service if the Company delivered all the Customer's electricity requirements.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

Backup Contract Demand: An amount of demand which the Customer may impose on the Company's distribution system under this Rate Schedule to back up the Customer's generating facilities. Backup Contract Demand shall be the normal output rating in kilowatts of the Customer's generating facilities as determined by the Company from time to time by test operation for those Customers who have a non-zero Supplemental Demand (i.e., whose maximum demand exceeds their generating capacity). For Customers whose generating capacity is larger than their total internal load, Backup Contract Demand shall be based on thirty minute meter readings for on-peak periods during the current month and previous eleven months. For Customers who would otherwise be served under Rate GV, Backup Contract Demand shall be the greater of: a) the highest kilowatt demand during those periods, or b) 80% of the highest kilovolt-ampere demand during those periods. For Customers who would otherwise be served under Rate LG, Backup Contract Demand shall be the highest kilovolt-ampere demand during those periods.

Backup Demand: The amount of demand in kilowatts delivered to the Customer under this Rate Schedule during a particular thirty minute interval. Backup Demand shall be the lesser of: a) Backup Contract Demand minus the amount of generation registered by the generation meter, or b) the total amount of demand registered. If such amount is less than zero, it shall be deemed to be equal to zero.

Backup Energy: The amount of kilowatt-hours delivered to the Customer under this Rate Schedule during a particular thirty minute interval. Backup Energy shall be equal to Backup Demand for that thirty minute interval divided by two.

On-Peak Hours: The period from 7:00 a.m. to 8:00 p.m. weekdays excluding holidays.

Supplemental Demand: The amount of demand in kilowatts delivered to the Customer by the Company in excess of its Backup Demand during a particular thirty minute interval. Supplemental Demand shall be equal to the total amount of demand registered less the amount of Backup Demand taken. If such amount is less than zero, it shall be deemed to be equal to zero. The delivery of Supplemental Demand and related energy shall be billed under the Company's standard rate (Rate G, Rate GV, or Rate LG) available to the Customer for the amount of Supplemental Demand taken.

RATE PER MONTH

Administrative Charge	\$ 374.12 41.84 per month
Translation Charge	\$ 62.75 57.34 per recorder per month

Issued: ~~January 2, 2018~~ May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~ William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~ July 1, 2019
Officer

Title: ~~Vice President—Operations~~ President and Chief Operating

Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.

Demand Charges:

For Customers who take service at 115,000 volts or higher, the following charges apply:

Transmission Charge.....	\$0.83 per KW or KVA, whichever is whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate GV)....	\$0.41 per KW or KVA, whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate LG)....	\$0.15 per KW or KVA, whichever is applicable, of Backup Contract Demand

For all other Customers, in addition to the charges applicable to the Customers who take service at 115,000 volts or higher, the following additional charge applies:

Distribution Charge.....	\$4. 9248 per KW or KVA, whichever is applicable, of Backup Contract Demand
<u>Distribution Adjustment Charge.....</u>	<u>\$x.xx per KW or KVA, whichever is applicable, of Backup Contract Demand</u>

Energy Charges:

The energy charges contained in the Standard Rate for Delivery Service, except that the distribution charge is not applicable to Customers who take service at 115,000 volts or higher.

METERING

Metering shall be provided by the Company in accordance with the provisions of the Customer's Standard Rate, except as modifications to such metering may be required by the provisions of this rate. The Company may install any metering equipment necessary to accomplish the purposes of this rate, including the measurement of output from the Customer's generating facilities. Customer shall provide suitable meter locations for the Company's metering facilities. All costs of metering equipment in excess of costs normally incurred by the Company to provide service under Customer's Standard Rate shall be borne by the Customer.

REFUSAL TO PROVIDE ACCESS

In the event that the Customer refuses access to its premises to allow the Company to install metering equipment to measure the output of the Customer's generating facilities, the Company may estimate the amount of demand and energy delivered under this rate. The Customer shall be responsible for payment of all bill amounts calculated hereunder based on such estimates of demand and energy delivered.

Issued: ~~February 1, 2019~~May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer
~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

CONTRACT TERM

The contract term shall be for not less than one year and for such longer periods as may be determined by the operation of the sections of Customer's Standard Rate entitled "Guarantees" and "Apparatus".

SPECIAL PROVISIONS

1. Notwithstanding the general provisions of this rate schedule, the Company may include such other provisions in Customer's Service Agreement, executed pursuant to this Rate B, as may be necessary to reflect the specific circumstances of such Customer, the operating characteristics of Customer's generating equipment or any other particular facts, without limitation, which are necessary, in the Company's sole judgment and subject to Commission approval, to give effect to the purpose and intent of this rate.
2. The Customer's failure to execute a Service Agreement pursuant to the terms of this Rate B shall not preclude the application of this rate to any partial requirements service provided by the Company to the Customer.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

OUTDOOR LIGHTING DELIVERY SERVICE RATE OL

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for the following applications:

- (a) unmetered street and highway lighting provided to municipalities, state highway departments, and other governmental bodies;
- (b) unmetered outdoor area lighting for private yards, parking lots, private roads, and other off-street applications.

All-night outdoor lighting service on an annual basis totaling approximately 4,345 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 2,005 hours of operation per year shall be provided for under this rate.

RATE PER MONTH

Energy Charge:

Per Kilowatt-Hour

Transmission Charge 1.394¢

Stranded Cost Recovery..... 1.596¢

Distribution Adjustment Charge x.xxx¢

In addition to the energy charges above, Customers shall be assessed a monthly Distribution Rate per luminaire. The Distribution Rate includes, among other costs, the cost of the fixture and bracket. The energy charge shall be applied to the monthly kilowatt-hours specified below for the applicable fixture and service option. For outdoor lighting charges which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatt-hours used for billing purposes shall be the amount specified for the calendar month in which the meter read date occurred for service rendered under the metered Rate Schedule.

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/ William J. Quinlan~~
William J. Quinlan

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

All-Night Service Option:

The monthly kilowatt-hours and distribution rates for each luminaire served under the all-night service option are shown below.

For New and Existing Installations:

Lamp Nominal

Light Output Lumens	Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
High Pressure Sodium:														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	\$14.21 5.83
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	14.21 5.83
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	18.90 21.05
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	26.72 9.77
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	27.39 30.51
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	27.69 30.85
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	44.44 9.51

Light Emitting Diode (LED):

2,500	28	13	11	10	9	8	8	8	9	10	11	12	13	\$8.91
4,100	36	17	14	13	12	10	10	10	11	13	15	15	17	\$8.88
4,800	51	24	20	19	17	14	14	14	16	18	21	21	24	\$9.04
8,500	92	43	36	34	30	26	25	26	29	33	37	39	43	\$10.08
13,300	142	66	56	53	47	40	38	40	44	51	57	60	66	\$11.27
24,500	220	102	86	82	73	61	59	61	68	79	89	92	102	\$14.45

Metal Halide:

5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$14.8216.51
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	20.292.60
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	27.8431.01
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	28.4331.67
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	28.4331.67
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	28.6931.96
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	43.017.91

For Existing Installations Only:

Lamp Nominal

Light Output Lumens	Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Incandescent:														
600	105	49	41	39	35	29	28	29	33	38	42	44	49	\$ 8.199.12
1,000	105	49	41	39	35	29	28	29	33	38	42	44	49	9.1410.18
2,500	205	95	80	76	68	57	55	57	64	74	83	86	95	11.723.06
6,000	448	208	176	167	148	125	121	125	139	161	181	188	208	20.142.44
Mercury:														
3,500	100	54	46	44	39	33	32	33	36	42	47	49	54	\$ 12.533.96
7,000	175	95	80	76	68	57	55	57	64	74	83	86	95	15.086.80
11,000	250	136	114	109	96	81	79	81	91	105	118	123	136	18.6420.77
15,000	400	211	178	169	149	126	122	126	140	163	183	190	211	21.333.76
20,000	400	211	178	169	149	126	122	126	140	163	183	190	211	23.025.65
56,000	1,000	503	424	403	357	302	292	302	335	390	436	454	503	36.6040.77

Issued: January 2, 2018 May 28, 2019
E. Ramsey

Issued by: /s/ Paul E. Ramsey William J. Quinlan Paul

Effective: January 1, 2018 July 1, 2019
Chief Operating Officer

Title: Vice President Operations President and

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>													<u>Monthly</u>
<u>Light</u>	<u>Power</u>														<u>Distribution</u>
<u>Output</u>	<u>Rating</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>	
<u>Lumens</u>	<u>Watts</u>														
Fluorescent:															
20,000	330	153	129	123	109	92	89	92	102	119	133	139	153	\$31.234.79	
High Pressure Sodium in Existing Mercury Luminaires:															
12,000	150	84	71	67	59	50	49	50	56	65	73	76	84	19.5421.77	
34,200	360	192	162	154	136	115	112	115	128	149	166	173	192	25.027.87	

The 15,000 Lumen Mercury fixture is fitted with a 20,000 lumen lamp. The 600 Lumen Incandescent fixture is fitted with a 1,000 lumen lamp.

Midnight Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Luminaire</u>												<u>Monthly</u>
<u>Light</u>	<u>Power</u>													<u>Distribution</u>
<u>Output</u>	<u>Rating</u>													
<u>Lumens</u>	<u>Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>
High Pressure Sodium:														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$14.215.83
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	14.215.83
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	18.9021.05
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	26.729.77
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	27.3930.51
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	27.6930.85
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	44.449.51

Light Emitting Diode (LED):

2,500	28	7	5	4	5	3	3	3	3	4	5	6	7	\$8.91
4,100	36	8	7	6	6	4	4	4	4	5	7	8	9	\$8.88
4,800	51	12	9	8	8	6	5	6	6	8	9	11	13	\$9.04
8,500	92	21	17	14	15	11	10	10	11	14	17	21	23	\$10.08
13,300	142	33	26	22	23	18	15	15	18	21	26	32	35	\$11.27
24,500	220	51	40	34	36	27	23	24	27	33	41	50	55	\$14.45

Metal Halide:

5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$14.826.51
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	20.292.60
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	27.8431.01
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	28.4331.67
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	28.4331.67
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	28.6931.96
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	43.017.91

Issued: ~~January 2, 2018~~ May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~ William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~ July 1, 2019
Operating Officer

Title: ~~Vice President~~ Operations President and Chief

Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.

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 luminaire for the installed cost, the additional equipment cost and the equipment installation cost and will update the fixed price estimates per luminaire 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. In the event the Customer is a residential or General Delivery Service Rate G Customer, the Company may coordinate and provide traffic control on the Customer's behalf and the Customer shall reimburse the Company for all costs associated with the traffic control provided by the Company. 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.

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 3.6 percent for the purpose of determining total energy charges under this rate.

CONTRACT TERM

The contract term for outdoor area lighting shall be for not less than one year.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

MAINTENANCE

The Company shall exercise reasonable diligence to ~~ensure that~~ all street and highway lamps are burning and shall make replacements promptly when notified of outages. Lamp replacement, maintenance and cleaning of street and highway lighting fixtures will normally be performed on a periodic basis in accordance with generally accepted utility practices and consistent with any manufacturer's recommendations. Lamp replacement and maintenance of outdoor area lighting will be performed as soon as possible following notification by the Customer of the need for such service, but the Company shall not be required to perform any such replacement or maintenance except during regular working hours.

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

New installations, extensions and replacements using overhead wiring, a standard fixture, an all-night service option photocell and located upon existing poles of the Company, shall be made at the expense of the Company.

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 "~~Requirements for Electric Service Connections~~Information and Requirements for Electric Supply", any costs incurred in connection with new installations, extensions and replacements which exceed the costs of a standard outdoor lighting fixture equipped with an all-night service option photocell located on existing poles with overhead wiring shall be borne by the Customer. Such excess costs shall be paid as a lump sum prior to the installation of the equipment.

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.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

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, fixtures, brackets, luminaires, 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, fixtures, brackets, luminaires, 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 those which will yield a reasonable return to the Company and to areas which are easily accessible by service truck. Installations of 4,000 lumen (50 watt) high pressure sodium luminaires will not be allowed as replacements of existing 3,500 lumen (100 watt) mercury luminaires unless the Customer agrees to pay for the remaining unexpired life of the retired equipment, including the unexpired portion of the cost of installation and the cost of removal less any salvage value of the equipment removed.

The total number of new installations, extensions, and replacements for outdoor lighting equipment may be limited by the Company in any calendar year to three (3) percent of the total number of units billed to the particular Customers at the beginning of such calendar year.

In cases where the Customer requests a change in or removal of existing outdoor lighting equipment which has not reached the end of its normal useful life, the Company may require the Customer to pay for the remaining unexpired life of the retired equipment, including the unexpired portion of the cost of installation and the cost of removal less any salvage value of the equipment removed.

All poles, wires, fixtures, brackets, luminaires, 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.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

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 4,345 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 2,005 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: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

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:

Per Kilowatt-Hour

Transmission Charge 1.394¢

Stranded Cost Recovery 1.596¢

Distribution Adjustment Charge x.xxx¢

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 kilowatt-hours specified below for the applicable fixture and service option. For outdoor lighting charges

Issued: ~~February 1, 2019~~ May 28, 2019

Issued by: ~~/s/~~ William J. Quinlan

~~William J. Quinlan~~

Effective: ~~February 1, 2019~~ July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,215 in Docket No. DE 18-182 dated January 28, 2019.~~

which are billed in conjunction with service rendered under a metered Rate Schedule, the kilowatt-hours 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.

All-Night Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Fixture</u>												<u>Monthly Distribution Rate</u>
<u>Light Output Lumens</u>	<u>Power Rating Watts</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
<u>High Pressure Sodium:</u>														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	5.03 \$8.42
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	5.34 8.42
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	5.76 10.36
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	6.42 11.39
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	7.64 11.39
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	9.35 11.76
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	16.02 22.32
<u>Metal Halide:</u>														
5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$5.36 8.75
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	5.70 11.57
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	6.43 12.35
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	6.60 13.00
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	7.46 13.22
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	9.18 13.59
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	15.84 24.21

LED's and other technologies accepted by the Company:

	<u>Per Fixture</u>	<u>Per Watt</u>
Monthly Distribution Rates	\$1.92 3.37	\$0.0105 80513

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

<u>Monthly Hours of Operation</u>											
<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
465	392	372	330	279	270	279	310	360	403	420	465

Issued: ~~January 2, 2018~~May 28, 2019 Issued by: ~~/s/ Paul E. Ramsey~~William J. Quinlan
Paul E. Ramsey

Effective: ~~January 1, 2018~~July 1, 2019 Title: ~~Vice President—Operations~~President and Chief Operating Officer

Authorized by NHPUC Order No. 26,091 in Docket No. DE 17-160, dated December 27, 2017.

Midnight Service Option:

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

<u>Lamp Nominal</u>		<u>Monthly KWH per Fixture</u>												<u>Monthly Distribution</u>
<u>Light Output</u>	<u>Power Rating</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Rate</u>
<u>Lumens</u>	<u>Watts</u>													
<u>High Pressure Sodium:</u>														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$5.038.42
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	5.348.42
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	5.7610.36
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	6.4211.39
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	7.6411.39
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	9.3511.76
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	16.0222.32
<u>Metal Halide:</u>														
5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$5.368.75
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	5.7011.57
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	6.4312.35
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	6.6013.00
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	7.4613.22
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	9.1813.59
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	15.8424.21

LED's and other technologies accepted by the Company:

	<u>Per Fixture</u>	<u>Per Watt</u>
Monthly Distribution Rates	\$1.923.37	\$0.01058513

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

<u>Monthly Hours of Operation</u>											
<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
233	182	155	165	124	105	108	124	150	186	225	248

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 3.6 percent for the purpose of determining total energy charges under this rate.

Issued: ~~January 2, 2018~~ May 28, 2019

Issued by: ~~/s/ Paul E. Ramsey~~ William J. Quinlan
~~Paul E. Ramsey~~

Effective: ~~January 1, 2018~~ July 1, 2019
Officer

Title: ~~Vice President—Operations~~ President and Chief Operating Officer

MAINTENANCE

The Company shall exercise reasonable diligence to ensure 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.

	<u>Per-Fixture Per-Visit</u>
Maintenance Charge.....	\$95.00 plus cost of materials

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.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

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 "~~Requirements for Electric Service Connections~~Information and Requirements for Electric Supply", 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 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;

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

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.

Issued: ~~March 24, 2016~~May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~July 1, 2019

Title: President and Chief Operating Officer

DEFAULT ENERGY SERVICE RATE DE

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

	<u>Per Kilowatt-Hour</u>					
	February	March	April	May	June	July
	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>
Base Rate	16.376¢	13.494¢	11.381¢	10.844¢	9.267¢	9.734¢
Reconciliation Adjustment	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢
Renewable Portfolio Standard	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢
<u>Administrative & General</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>
Total Rate Per Month	16.749¢	13.867¢	11.754¢	11.217¢	9.640¢	10.107¢

Applicable to all other customers:

	February 2019 – July 2019
	<u>Per Kilowatt-Hour</u>
Base Rate	9.612¢
Reconciliation Adjustment	0.000¢
Renewable Portfolio Standard	0.275¢
<u>Administrative & General</u>	<u>0.098¢</u>
Total Rate Per Month	9.985¢

Issued: ~~January 7, 2019~~May 28, 2019

Issued by: ~~/s/~~William J. Quinlan
~~William J. Quinlan~~

Effective: ~~February 1, 2019~~July 1, 2019

Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No.26,203 in Docket No. DE 18-002 dated December 20, 2018;~~

**VOLUNTARY INTERRUPTION PROGRAM-
RATE VIP**

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for voluntary load reduction by either load interruption and/or use of customer standby generation. Service under this rate must be taken in conjunction with service provided under Primary General Delivery Service Rate GV or Large General Delivery Service Rate LG and Default Energy Service and in accordance with the terms or conditions therein as now or hereafter effective except as may be specifically provided otherwise in this rate.

The load must be available for interruption during the summer program period commencing June 1 and ending on September 30 each year, or at the Company's option, during the winter program period commencing January 1 and ending March 31 each year.

The customer must sign a service agreement to receive service under this rate and may enroll in the summer program period and/or the winter program period when offered by the Company.

Interruptible load presently served under a Special Contract by the Company is not eligible for service under this rate. Interruptible load presently served under any other interruptible rate is not eligible for service under this rate.

The customer must have interval metering in order to participate in this program.

NOTIFICATION OF INTERRUPTION

The customer shall provide to the Company the names and telephone numbers of persons to notify to request reduction of load during Hourly Interruptible Periods. The Company shall provide the customer with up to one hour's notice of any Hourly Interruptible Period, to request that the customer reduce load. The Company will strive to provide more advance notification, if possible. The Company will also notify the customer prior to the end of the interruption.

DEFINITIONS

Hourly Interruptible Period: All clock hours designated by the Company during a particular day for which the Company requests customers to reduce or postpone the use of electricity. Hourly Interruptible Periods shall exclude those periods occurring during Scheduled Plant Shutdowns. All interruptions shall begin and end on the clock hour.

Issued: March 24, 2016 Issued by: William J. Quinlan

Effective: May 1, 2016 Title: President and Chief Operating Officer

~~Designated Load: An amount of load specified in the service agreement, which the customer agrees to interrupt if reasonably practicable and the Company agrees is reasonably achievable, consisting of specific pieces of equipment or processes which are normally used by the customer. Customer owned standby generation on the load side of the meter may also be utilized to supply Designated Load. The minimum amount of Designated Load that the customer may specify shall be the greater of 100 kilowatts or ten percent (10%) of the average of the customer's monthly maximum thirty minute kilowatt demands occurring during on-peak hours.~~

~~Interrupted Demand: For each Hourly Interruptible Period, the difference between: (a) the Baseline Demand; and (b) the average integrated kilowatt demand during that Hourly Interruptible Period.~~

~~Baseline Demand: The average integrated kilowatt demand occurring during each corresponding hour, on non-holiday weekdays of the current calendar month during which Hourly Interruptible Periods were not designated, excluding those hours during Scheduled Plant Shutdowns. The Baseline Demand amount calculated above will be adjusted upward if the average of the actual usage in the two hours preceding the commencement of the particular Hourly Interruptible Periods is greater than the actual average usage during the corresponding two hours on non-holiday weekdays of the current calendar month during which Hourly Interruptible Periods were not designated, excluding those hours during Scheduled Plant Shutdowns. The adjustment to the Baseline Demand will be equal to the difference between the two average amounts described above.~~

~~Credited Interrupted Demand: The lesser of the customer's Interrupted Demand for the Hourly Interruptible Period or 125% of the customer's Designated Load.~~

~~Excess Interrupted Demand: The amount by which the customer's Interrupted Demand for the Hourly Interruptible Period exceeds 125% of the customer's Designated Load.~~

~~Real Time Zonal Price (RTZP): The spot market price for electric energy for the New Hampshire load zone as determined by the Independent System Operator—New England (ISO-NE) for each hour of an Hourly Interruptible Period.~~

~~Scheduled Plant Shutdown: Time periods specified by the Customer in the Service Agreement in which the Designated Load is not available for interruption.~~

INTERRUPTION CREDITS

~~An Interruption Credit will be calculated for Hourly Interruptible Periods during which the Customer is receiving Default Energy Service and will be applied to the customer's bill no earlier than the second bill rendered after the meter reading which includes the interruptions. The Interruption Credit will be the sum of the credits calculated for each Hourly Interruptible Period in the month. One of the following credits will apply to each kilowatt-hour of Credited Interrupted Demand during each Hourly Interruptible Period, depending upon the ratio of Credited Interrupted Demand to Designated Load:~~

Issued: March 24, 2016 Issued by: William J. Quinlan

Effective: May 1, 2016 Title: President and Chief Operating Officer

<u>% of Hourly RTZP Paid</u> <u>to Customers (per KWH)</u>	<u>Ratio of Credited Interrupted</u> <u>Demand to Designated Load</u>
0%	If Ratio is less than 25%
60%	If Ratio is greater than or equal to 25%, but less than 50%
80%	If Ratio is greater than or equal to 50%, but less than 75%
100%	If Ratio is greater than or equal to 75% (up to 125% of DL)

~~EXCESS INTERRUPTION CREDIT~~

~~An Excess Interruption Credit will be applied, if appropriate, to the customer's bill no earlier than the second bill rendered after the current calendar month. The Excess Interruption Credit will be the sum of the credits applied to each kilowatt-hour of Excess Interrupted Demand for each Hourly Interruptible Period. The credit applied to each kilowatt-hour of Excess Interrupted Demand will be equal to 60% of the RTZP.~~

~~FAILURE TO FULLY COMPLY~~

~~If the customer's Credited Interrupted Demand is less than seventy-five percent (75%) of the customer's Designated Load for more than 25% of the Daily Interruptible Periods, the Company may refuse to allow the customer to continue to take service hereunder.~~

~~ISO-NE DEMAND RESPONSE PROGRAMS~~

~~Customers may enroll in the ISO-NE Demand Response Programs ("ISO-NE Programs") as amended from time to time and approved by the Federal Energy Regulatory Commission. Customers may enroll with any third-party demand resource provider, subject to the provisions of the ISO-NE Programs in effect at the time. A Customer may not enroll in an ISO-NE Program and the Voluntary Interruption Program at the same time. Customers will be required to meet all the criteria for the load interruptions set forth in the ISO-NE Programs and will be required to install any additional required metering software, telephone lines, internet connections and other equipment necessary to participate in the ISO-NE Program. Other incremental fees and costs of participation in the ISO-NE Program may also be the responsibility of the Customer.~~

Issued: March 24, 2016 Issued by: William J. Quinlan

Effective: May 1, 2016 Title: President and Chief Operating Officer

SMART START
ENERGY EFFICIENCY PROGRAM

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for the installation of energy efficiency and load management measures for municipalities in offices, schools, and other municipal buildings. The energy efficiency and load management measures will be installed at the Company's expense and the Customer shall reimburse the Company through charges added to the Customer's regular monthly bill. Upon the Customer's request, the Company may utilize a fixed price estimate for the installed cost of energy efficiency and load management measures installed by the Company to determine eligibility and the monthly charges under this rate. If the Customer enters into an agreement based upon the fixed price estimate, both the Customer and the Company will be bound by that fixed price estimate. This rate is for a basic utility service and the Customer is liable for payment of the charges under this rate under the same conditions as any other charges for basic utility service including, but not limited to, the Customer's service being subject to disconnection for nonpayment in accordance with the rules of the Commission.

At its sole discretion, the Company shall determine eligibility for service under this rate subject to (1) the availability of funds budgeted for this program, (2) the suitability of approved energy efficiency and load management measures for the Customer's location and the likelihood that the measures will be used and useful throughout their estimated life, (3) a minimum project cost requirement of \$1,000 which may be met by aggregating project costs from multiple delivery service accounts, and (4) the Company's determination that the measures chosen are estimated to produce sufficient energy or demand savings to offset the total costs of the measures. Although the Company expects that all Customers participating in the Smart Start Energy Efficiency Program will receive lower monthly electric bills, there is no guarantee of savings.

Any Customer taking service under this rate must be and remain a full requirements delivery service Customer. In the event the Customer does not remain a full requirements delivery service Customer, any remaining charges under this rate shall immediately become due and payable.

COMPANY RESPONSIBILITIES

The Company will act as the Customer's agent in selecting energy efficiency and or load management measures which are suitable for the Customer's end uses of electricity and which are estimated to produce sufficient savings in energy usage or demand. The Company may arrange for a supplier or contractor (1) to install the measures (2) to instruct the Customer on the proper use, operation and maintenance of the measures and (3) to certify that the measures are properly installed and operating as designed. Upon notification by the Customer that work is complete, the Company will verify that the measure(s) have been installed and arrange for payment to the contractor.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

After receiving notice from the Customer, the Company will evaluate any report of a failed measure(s), and at its option, the Company will cause the measure(s) to be repaired or replaced when necessary or will terminate charges under this rate.

The Company will inform all new Customers at a location where energy efficiency or load management measures have been installed as to the existence of any unbilled charges remaining under this rate for that location. If the former Customer received service under an accelerated payment period term, the Company will inform the new Customer that they may revert at any time to the minimum monthly charge that was available to the former Customer. The Company will also inform these Customers of the benefits associated with the measure(s) and their responsibility for the payment of the remaining charges under this rate and other obligations.

CUSTOMER RESPONSIBILITIES

Prior to the installation of any energy efficiency or load management measures, the Customer will sign a Smart Start Agreement which will provide that the Customer is responsible for:

- (1) payment of the monthly charges under this rate in addition to all other charges on the monthly bill;
- (2) informing the Company if the measures fail completely or malfunction so that the estimated reductions in demand and energy use cannot be realized;
- (3) maintaining the energy efficiency or load management measures at the service location and taking reasonable steps to prevent damage to such measures;
- (4) becoming fully informed concerning the routine operation and maintenance of the energy efficiency or load management measures installed at the service location;
- (5) allowing access by the Company, at reasonable times, for any inspection or repair of the energy efficiency or load management measures to the extent the Company is responsible for such repairs as described above; and
- (6) accepting responsibility for the cost of out of warranty repairs. Customers may accept such responsibility through any of the following:
 - (a) the customer may repair the measure(s) themselves,
 - (b) the customer and/or customer's casualty insurance may pay for repairs,
 - (c) the customer may agree to an extension of the number of monthly payments to cover the Company's cost of repair.

A Customer's obligation to pay for the measure(s) ends when the Customer closes their account. If the Customer is the owner or lessor of the premises, the Customer must inform all prospective purchasers or renters of the location that there is an unexpired obligation under this rate. Whenever a Customer applies for service at a location which was the subject of a previous Smart Start Agreement, payment for which has not been completed, such Customer shall become responsible for the remaining balance. If the location was the subject of an accelerated payment term, the new Customer has the option to revert at any time to the minimum monthly charge that was available to the former Customer. Acceptance of electric service constitutes acceptance of the obligations under this rate by the new Customer.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

LANDLORD'S AND LESSOR'S RESPONSIBILITIES

In order to be eligible to accept the installation of the energy efficiency or load management measures in a location which is rented or leased to tenants who currently are Customers of the Company or future tenants of such locations who will apply for service from the Company at such locations, the owner and the landlord or lessor (in case the landlord or lessor is not the owner) must enter into a Smart Start Agreement under which they agree:

- (1) to cooperate in obtaining the consent of any existing tenants to enter into a Smart Start Agreement with the Company,
- (2) to inform all prospective new tenants of the obligation to enter into a Smart Start Agreement for the remaining balance of any previous Smart Start Agreement attributable to the rented or leased location; and
- (3) to inform all subsequent owners or lessors of these obligations with respect to informing tenants of their obligation to enter into a Smart Start Agreement.

Landlords and lessors of service locations must also agree to allow the Company access to any measures in order to inspect or repair the measures.

PRICING AND CONTRACT TERM

The Smart Start Agreement will specify the monthly charge and the term of the payment period. A Customer can choose to accelerate the payment period term by paying a higher monthly charge or a Customer can choose to pay the remaining balance owed to the Company at any time. Customers selecting an accelerated payment period term can revert at any time to the minimum monthly charge available to the Customer. The term of the Smart Start Agreement may be extended by the Company to recover its costs for out of warrantee repairs or missed payments.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

~~CONTENT NO LONGER IN EFFECT~~

Issued: February 28, 2018 Issued by: /s/ William J. Quinlan
William J. Quinlan

Effective: March 1, 2018 Title: President and Chief Operating Officer

~~Authorized by NHPUC Order No. 26,092 in Docket No. DE 17-113, dated December 29, 2017.~~

RESIDENTIAL ENERGY EFFICIENCY LOAN PROGRAM

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this program shall allow Customers installing energy-efficiency measures under an energy efficiency program offered by the Company and approved by the Commission ("Participating Customers") to borrow all or a portion of the Customer's share of the installed cost of the energy-efficiency measures ("Customer Loan Amount") through an additional charge on their monthly electric service bill issued by the Company. It is available to Participating Customers with existing agreements as well as Participating Customers who meet the following qualifications:

1. The Customer must own the residential property where the energy-efficiency measures are installed; and
2. The Customer must have an active Delivery Service account with the Company for the property where the energy-efficiency measures are installed and receive Delivery Service under Residential Delivery Service Rate R or Residential Time-of-Day Delivery Service Rate R-OTOD; and
3. The Customer must have a Fair Isaac and Company ("FICO") credit score of 680 or higher; and
4. The Customer must have good credit with the Company, which is defined as a Customer that has not received a disconnect notice from the Company during the twelve months preceding the Customer's request for service under this program; and
5. The Customer Loan Amount must be greater than or equal to \$500 and less than or equal to \$2,000 and must not exceed the Customer's share of the installed cost of the energy-efficiency measures installed under the Company's approved energy-efficiency program.

At its sole discretion, the Company shall determine eligibility for service under this program subject to the availability of program funds.

Any Customer taking service under this program must remain a Delivery Service Customer of the Company at the residential property where the energy-efficiency measures are installed. In the event the Customer does not remain a Delivery Service Customer of the Company at the residential property where the energy-efficiency measures are installed, any remaining charges under this program shall immediately become due and payable.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

CUSTOMER LOAN AGREEMENT

Participating Customers shall be required to execute a separate Customer Loan Agreement which will specify the fixed monthly charge and the terms of the payment period. A Customer can choose to pay the remaining balance owed to the Company at any time. A late payment charge as described in the Terms and Conditions for Delivery Service section of the Company's Tariff is applicable to the monthly charges rendered under this program. Participating Customers are not subject to disconnection of electric service for nonpayment of the charges under this program.

The Customer Loan Amount shall be paid to the Company by the Participating Customer through a fixed monthly charge applied over a term of months as established in the Customer Loan Agreement. Participating Customers may specify the repayment term of the Customer Loan Amount subject to the maximum repayment term limit of 24 months.

Issued: ~~March 24, 2016~~ May 28, 2019

Issued by: William J. Quinlan

Effective: ~~May 1, 2016~~ July 1, 2019

Title: President and Chief Operating Officer

Public Service Company of New Hampshire
d/b/a Eversource Energy
Docket No. DE 19-057
Attachment EAD-3 (Perm)
May 28, 2019
Page 1 of 6

Attachment EAD-3 (Perm)
SUMMARY OF CHANGES TO CURRENT TARIFF
NHPUC NO. 9

Summary of Changes to Currently Effective Tariff NHPUC No. 9

GENERAL TARIFF UPDATES

Page Number	Description of Change
8, 9, 16, 18, 21, 28, 29, 78, 85	Updated “Requirements for Electric Service Connections” to “Information and Requirements for Electric Supply” throughout the Tariff to reflect the new name of this booklet.
7, 8, 9	Added several Definitions to the Tariff supporting the “Determination of Hourly Loads for ISO-NE Reporting” section of the Tariff found on page 39 and the “Exclusion of Supplier From Providing Service Within the State of New Hampshire or From the Regional Market” section of the Tariff found on page 38.

TERMS AND CONDITIONS FOR DELIVERY SERVICE

New Section Number	Section Name	Description of Change
9	Customer Request to Block Switching from Default Energy Service to Supplier Service	Added a new service offering for customers receiving delivery service under a residential rate schedule or general service Rate G or Rate G-OTOD, which allows a customer to request that the Company block electronic enrollments from energy suppliers when the customer is receiving energy service under Default Energy Service Rate DE.
11/12	Deposits, Payments, Refusal or Discontinuance of Service/Returned Payment Charge for Insufficient Funds	Created a new section 12 entitled “Returned Payment Charge for Insufficient Funds”, updated the language to more generally describe payments (beyond checks), and updated the charge from \$5 to \$13 based on current costs.
19	Resale of Delivery Service	Added language to clarify that the sale of electric vehicle charging services electricity to a third party from an electric vehicle charging station shall not be considered resale of electricity.
23	Conditions Under Which This Tariff is Made Effective	Removed language associated with Tariff No. 9. This section will be updated when a compliance tariff is filed with the Commission.
29	Diversion and Meter Tampering	<p>New section added to the Terms and Conditions for Delivery Service. Similar language is included in the Information and Requirements for Electric Supply booklet (Section 301), which is referenced by the Tariff. For clarity, added similar language to the Tariff. The language is updated to include a \$250 meter diversion charge which is utilized as a deterrent for theft of service. This charge is in addition to possible reimbursement of lost revenue, damages to equipment, and expenses incurred during an investigation.</p> <p>Currently, a \$60 charge is assessed which likely represents the average investigation cost at the time it was initiated</p>

		over 30 years ago. This charge is in addition to possible reimbursement of lost revenue, damages to equipment, and any significant investigation costs beyond the \$60 charge.
33	Distribution Rate Adjustment Mechanism (DRAM)	New section which describes the Distribution Rate Adjustment Mechanism as proposed by the Company.
37	Line Extensions	<p>In compliance with the Commission's Order No. 25,926 issued on July 26, 2016 in Docket No. IR 14-190, the Company's line extension tariff has been updated to reflect that up to 300 feet of distribution facilities inclusive of an overhead or underground service drop as defined in the Tariff shall be provided at no charge. In addition, the Tariff has been updated to allow customers to pay line extension costs in excess of \$3,000 over a period of five years, including interest equal to the rate applied to customer deposits.</p> <p>In addition, the Company added a sentence to clarify that extensions or upgrades greater than 5,280 feet in length shall be constructed under the standard line extension policy at the discretion of the Company.</p> <p>Finally, as a general housekeeping change, the paragraph entitled "Single-phase Line Extensions Along the Public Way, Constructed After September 1, 2016 and Serving a Single-Family Home or Residential Duplex" was moved to the end of the Line Extension section. The current placement in the Tariff has caused some confusion.</p>

TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS ("Suppliers")

New Section Number	Section Name	Description of Change
1	Obligations of Suppliers	Added section (g) to clarify that Suppliers are responsible for reviewing and confirming the accuracy of all data received from the Company or made available for inspection by the Company to the Supplier.
2(b)(2)	Load Pulse Outputs Service	Updated the charge to \$800 per isolation relay device based on current costs. Clarified the language to indicate that up to two metered quantities can be measured by a single isolation relay device. For example, if a customer has more than one meter and the meters are located physically close to one another, it is possible to measure one metered quantity from each meter with one isolation relay device. As a result, the appropriate charge is per isolation relay device, rather than per meter.
2(b)(3)	Extended Metering Service	Removed this service from the Tariff since it is not a service requested by customers. Customers overwhelmingly request access to the Company's Energy Profiler On-line Service to view and/or download interval

		load data (“Interval Data Access Service – Subscription Service”) or request load pulses from their meter and direct the load pulses to their own load monitoring or energy management devices and/or software.
2(b)(4)	Special Request Interval Data Service	Removed this section of the Tariff since it is not a service with specific terms. The Company continually reviews advances in technology and would consider new equipment and services in the future. To the extent any new equipment or services requires Commission approval, the Company would seek approval in a future filing.
2(c) (former section identifier)	Customer Load Analysis	Removed this section of the Tariff. This service has never been requested by a Supplier, and the Company does not have resources available to perform this service. As a result, the Company is proposing to eliminate this service.
2(e)	Off-Cycle Meter Reading	New section and charges added pursuant to Rule Puc 2004.12, which allows Suppliers to request off-cycle meter readings in the event of non-payment by a customer in the largest C&I classification as defined in the utility tariff. This rule also allows a utility to charge for performing this service. Eversource’s largest C&I classification is Large General Delivery Service Rate LG. The proposed off-cycle meter reading charges are \$53 per meter if the meter is telemetered and \$84 per meter if the meter is non-telemetered.
4	Exclusion of Supplier From Providing Service Within the State of New Hampshire or From the Regional Market	New section and charge added pursuant to Rule Puc 2004.16, which allows a utility to be reimbursed for transferring a Supplier’s customers to Default Energy Service in the event of a Supplier’s suspension from regional market participation by ISO-NE or another event causing a Supplier to be unable to provide service to its customers within the State of New Hampshire. The proposed customer transfer charge is \$64 per service account.
7	Determination of Hourly Loads for ISO-NE Reporting (Estimation)	Updated the language in the Tariff to provide additional detail and clarity. The updates are housekeeping changes, and do not result in any changes to the methodology utilized to determine hourly loads for reporting to ISO-NE.

DELIVERY SERVICE RATE SCHEDULES

Rate Schedule	Description of Change
R, R-OTOD	<ul style="list-style-type: none"> Updated the customer charges, meter charges and distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff. Closed the uncontrolled water heating rate to new customers. This rate is only available at those locations which were receiving uncontrolled water heating service on July 1, 2020 and which have continuously received such service since that date. As of December 2018, approximately 42,200 residential customers receive service under the uncontrolled water heating rate.

	<ul style="list-style-type: none"> Customers receiving service under the controlled water heating rate on July 1, 2020 shall be moved to the uncontrolled water heating rate once a phase-in of pricing is completed. <p>In DE 14-203, the Commission approved the Company's request to install standard Automatic Meter Reading (AMR) meters in place of obsolete meters that had time-based load control switches suitable for direct load control service. The obsolete meters had reached the end of their useful lives and were experiencing degraded capabilities and new meters with similar capabilities were not readily available. As a result, the meters at these locations are no longer controlling the delivery of electricity to certain hours of each day. As described in its filing in DE 14-203, the Company had just completed a recertification effort and the number of customers receiving service under the controlled water heating rate had decreased from 1,006 customers to 374 customers. The Company also indicated it would continue its efforts to reduce the number of customers on this closed rate in anticipation of eliminating this rate in a future distribution rate case.</p> <p>From July 2014 to December 2018, the number of customers receiving service under the controlled water heating rate has further declined from 374 customers to 242 residential customers.</p> <ul style="list-style-type: none"> Updated the Service Charges based on current costs.
EAP	<ul style="list-style-type: none"> Added the Distribution Adjustment Charge to the list of applicable charges that a percent discount is applied.
G, G-OTOD	<ul style="list-style-type: none"> Updated the customer charges, meter charges and distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff. Closed the uncontrolled water heating rate to new customers. This rate is only available at those locations which were receiving uncontrolled water heating service on July 1, 2020 and which have continuously received such service since that date. As of December 2018, approximately 1,254 general service customers receive service under the uncontrolled water heating rate. Updated the Service Charges based on current costs.
LCS	<ul style="list-style-type: none"> Updated the customer charges and distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff. Closed the radio-controlled option to new customers. This rate is only available at those locations which were receiving the radio-controlled option on July 1, 2020 and which have continuously received such service since that date.
GV	<ul style="list-style-type: none"> Updated the customer charges and distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff. Eliminated the space heating service option. No customers remain on this closed rate; therefore, no customers will be impacted by this change. Updated the minimum charge.
LG	<ul style="list-style-type: none"> Updated the customer charges and distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff.

	<ul style="list-style-type: none"> Updated the minimum charge
B	<ul style="list-style-type: none"> Updated the administrative and distribution charges Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff.
OL	<ul style="list-style-type: none"> Updated the distribution charges. Added a new Distribution Adjustment Charge. This charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff. Added a LED Streetlight option.
EOL	<ul style="list-style-type: none"> Updated the distribution charges. Added a new Distribution Adjustment Charge. This new charge is described in a new Section 33 in the Terms and Conditions for Delivery Service section of the Tariff.
VIP	<ul style="list-style-type: none"> Removed this rate schedule. The Voluntary Interruption Program has not been implemented by Eversource in over ten years. Customers may enroll in demand response programs implemented by ISO-NE with third-party demand response providers. In addition, a C&I demand response pilot program is being implemented by the Company as part of the NHSaves Statewide Energy Efficiency Programs. The program policies, process, and customer incentives have been reviewed and approved as part of the Energy Efficiency docket process (DE 15-137). As a result, this rate schedule is no longer required.

Attachment EAD-4 (Perm)
REPORT OF PROPOSED RATE CHANGES

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes - Permanent Rates

Tariff NHPUC No. 9

Date Filed: May 28, 2019
Date Effective: July 1, 2020

(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
	Effect of Proposed Change	Average Number of Customers	Estimated Annual Revenue (a) Current Rates (b)	Proposed Rates (c)	Proposed Annual Change Revenue	Percent
Class of Service						
Residential Service Rate R and R-OTOD	Increase	439,078	\$ 659,913,174	\$ 708,241,157	\$ 48,327,983	7.3%
General Service Rate G and Rate G-OTOD	Increase	75,983	\$ 322,934,391	\$ 336,804,415	\$ 13,870,024	4.3%
Primary General Service Rate GV	Increase	1,393	\$ 297,685,774	\$ 303,776,209	\$ 6,090,435	2.0%
Large General Service Rate LG	Increase	121	\$ 203,600,141	\$ 207,262,895	\$ 3,662,754	1.8%
Outdoor Lighting Service Rate OL and Rate EOL	Decrease	773	\$ 11,455,860	\$ 9,419,809	\$ (2,036,051)	-17.8%
Total (a)	Increase	517,349	\$ 1,495,589,340	\$ 1,565,504,485	\$ 69,915,145	4.7%

Notes:

(a) Based on actual sales to customers for the twelve-month period ending December 31, 2018, normalized for lighting inventory as of December 2018.

(b) Current rate revenue is based on distribution rates effective January 1, 2018, and transmission, stranded cost recovery, system benefits, and energy service rates in effect as of the filing date. Support for amounts are shown in Attachment EAD-7 (Perm)

(c) Proposed rate revenue is based on proposed distribution rates for effect July 1, 2020. No changes in other rate components have been reflected. Support for amounts are shown in Attachment EAD-7 (Perm).

Signed By: /s/ Edward A. Davis
Edward A. Davis

Title: Director, Rates

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION
Report of Proposed Rate Changes
Current Rates

Tariff NHPUC No. 9

Date Filed: May 28, 2019
Date Effective: July 1, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G) = Sum of (B) to (F)
Class	Current Distribution	Current Transmission	Current SCRC	Current System Benefits	Current Energy Service (b)	Total Revenue
Residential Service Rate R (a)	\$ 202,012,310	\$ 66,170,333	\$ 45,565,817	\$ 19,189,530	\$ 326,975,184	\$ 659,913,174
General Service Rate G	84,312,407	33,317,417	22,424,238	10,137,913	172,742,416	322,934,391
Primary General Service Rate GV	36,426,129	29,851,680	17,712,355	9,777,142	203,918,468	297,685,774
Large General Service Rate LG	20,150,790	19,418,882	3,573,962	7,341,311	153,115,196	203,600,141
Outdoor Lighting Rates OL, EOL	<u>7,590,790</u>	<u>397,309</u>	<u>454,882</u>	<u>167,018</u>	<u>2,845,861</u>	<u>11,455,860</u>
Total Retail	<u>\$ 350,492,426</u>	<u>\$ 149,155,621</u>	<u>\$ 89,731,254</u>	<u>\$ 46,612,914</u>	<u>\$ 859,597,125</u>	<u>\$ 1,495,589,340</u>

Notes:

- (a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.
(b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.
(c) Support for amounts shown above is contained in Attachment EAD-7 (Perm).

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Permanent Rates

Tariff NHPUC No. 9

Date Filed: May 28, 2019
Date Effective: July 1, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G) = Sum of (B) to (F)
Class	Proposed Permanent Distribution	Current Transmission	Current SCRC	Current System Benefits	Current Energy Service (b)	Total Revenue
Residential Service Rate R (a)	\$ 250,340,293	\$ 66,170,333	\$ 45,565,817	\$ 19,189,530	\$ 326,975,184	\$ 708,241,157
General Service Rate G	98,182,431	33,317,417	22,424,238	10,137,913	172,742,416	336,804,415
Primary General Service Rate GV	42,516,564	29,851,680	17,712,355	9,777,142	203,918,468	303,776,209
Large General Service Rate LG	23,813,544	19,418,882	3,573,962	7,341,311	153,115,196	207,262,895
Outdoor Lighting Rates OL, EOL	<u>5,554,739</u>	<u>397,309</u>	<u>454,882</u>	<u>167,018</u>	<u>2,845,861</u>	<u>9,419,809</u>
Total Retail	<u>\$ 420,407,571</u>	<u>\$ 149,155,621</u>	<u>\$ 89,731,254</u>	<u>\$ 46,612,914</u>	<u>\$ 859,597,125</u>	<u>\$ 1,565,504,485</u>

Notes:

(a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

(b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

(c) Support for amounts shown above is contained in Attachment EAD-7 (Perm).

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Incremental Increase/(Decrease)

Tariff NHPUC No. 9

Date Filed: May 28, 2019
Date Effective: July 1, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G) = Sum of (B) to (F)
Class	Proposed Permanent Distribution (b)	Current Transmission	Current SCRC	Current System Benefits	Current Energy Service (c)	Total Revenue
Residential Service Rate R (a)	\$ 48,327,983	\$ -	\$ -	\$ -	\$ -	\$ 48,327,983
General Service Rate G	13,870,024	-	-	-	-	13,870,024
Primary General Service Rate GV	6,090,435	-	-	-	-	6,090,435
Large General Service Rate LG	3,662,754	-	-	-	-	3,662,754
Outdoor Lighting Rates OL, EOL	(2,036,051)	-	-	-	-	(2,036,051)
Total Retail	<u>\$ 69,915,145</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 69,915,145</u>

Notes:

(a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

(b) Attachment EAD-4 (Perm), page 3 - Attachment EAD-4 (Perm), page 2

(c) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Percent Increase/(Decrease)

Tariff NHPUC No. 9

Date Filed: May 28, 2019
Date Effective: July 1, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Class	Proposed Temporary Distribution (b)	Current Transmission	Current SCRC	Current System Benefits	Current Energy Service (c)	Total Revenue
Residential Service Rate R (a)	23.9%	0.0%	0.0%	0.0%	0.0%	7.3%
General Service Rate G	16.5%	0.0%	0.0%	0.0%	0.0%	4.3%
Primary General Service Rate GV	16.7%	0.0%	0.0%	0.0%	0.0%	2.0%
Large General Service Rate LG	18.2%	0.0%	0.0%	0.0%	0.0%	1.8%
Outdoor Lighting Rates OL, EOL	-26.8%	0.0%	0.0%	0.0%	0.0%	-17.8%
Total Retail	20.0%	0.0%	0.0%	0.0%	0.0%	4.7%

Notes:

- (a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.
(b) Percent change is Attachment EAD-4 (Perm), page 4, Column (B) / Attachment EAD-4 (Perm), page 2, Column (B)
(c) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

Attachment EAD-5 (Perm)
Revenue Allocations and ROR's

**Distribution Revenue Allocation
Permanent Rate Year 1**

		Source
Current Rate Distribution Revenue	\$ 350,492.4	Col B Line 66
Proposed Distribution Increase	\$ 69,912.7	Attachment EHC/TMD-2, page 1, line 31
Proposed Distribution Revenue	\$ 420,405.1	Line 15 + Line 17
Average Rate Change %	19.9%	Line 19 / Line 15
Billed Sales	7,954,422	Col A Line 66
Average Rate Change Per kWh	0.00879	Line 17 / Line 23

	A	B	C	D	E = B + D	F	G = F - B	H = G / A	I = F / B
Rate	Test Year 2018 Billed Sales (MWh)	Current Rate Distribution Revenue (Rev \$000)	Allocation To Average	Proposed D Increase (Rev \$000)	Distribution Target (Rev \$000)	Proposed Rate Distribution Revenue	Difference Proposed vs Current (Rev \$000)	c/kWh	% Chg.
R	3,144,509	\$ 197,334.9		\$ 47,234.8	\$ 244,569.7	\$ 244,560.6			
R-TOD	462	34.6		8.3	42.9	42.1			
	3,144,971	197,369.5	120%	47,243.1	244,612.7	244,602.7	47,233.2	1.502	23.93%
R-WH	92,916	4,195.3		994.8	5,190.2	5,190.2			
G-WH	3,379	136.8		35.0	171.7	171.7			
	96,295	4,332.1	119%	1,029.8	5,361.9	5,361.9	1,029.8	1.108	23.71%
LCS-R	36,777	447.5		99.9	547.4	547.4			
LCS-G	4,510	28.9		7.3	36.1	36.1			
	41,287	476.3	113%	107.2	583.5	583.5	107.2	0.260	22.51%
G	1,715,822	83,771.9		13,748.3	97,520.1	97,537.9			
G-TOD	856	173.2		28.4	201.6	200.0			
	1,716,678	83,945.1	82%	13,776.7	97,721.7	97,737.8	13,792.7	0.803	16.43%
G-SH	5,452	201.7	87%	35.0	236.8	236.8	35.0	0.643	17.37%
GV	1,665,676	36,211.5	84%	6,084.7	42,296.2	42,281.1	6,069.6	0.364	16.76%
LG	1,172,439	18,846.4	94%	3,522.7	22,369.2	22,381.5	3,535.1	0.302	18.76%
B-GV	2,778	214.6		21.1	235.7	235.4			
B-LG	80,345	1,304.4		128.3	1,432.7	1,432.0			
	83,123	1,519.0	49%	149.4	1,668.4	1,667.4	148.5	0.179	9.78%
EOL	11,371	3,081.8		(1,574.5)	1,507.3	1,507.3			
OL	17,130	4,509.0		(461.5)	4,047.4	4,047.4			
	28,501	7,590.8	-134%	(2,036.1)	5,554.7	5,554.7	(2,036.1)	(7.144)	-26.82%
Total Retail	7,954,422	\$ 350,492.4		\$ 69,912.7	\$ 420,405.1	\$ 420,407.6	69,915.1	0.879	19.95%
		Residual Allocation	\$ 23,569		Distribution Target	\$ 420,405.1			
					Difference	\$ 2.4			

Distribution Revenue Allocation Workpaper

		Source
Proposed Change	\$ 69,912.7	Attachment EHC/TMD-2, page 1, line 31
Proposed Change - Directly Assigned	\$ 46,344.1	line 48
Proposed Change - Residual Allocation	\$ 23,568.6	line 11 - line 13

Proposed Distribution Increase - Residual Allocation

Rate Class	Levelized Return 7.16%	% of Total	Proposed Distribution Change
	A	B = A / line 34	C = B x line 15
Rates G & G-TOD	17,263	58.5%	13,776.7
Rate G-SH	44	0.1%	35.0
Rate GV	7,624	25.8%	6,084.7
Rate LG	4,414	14.9%	3,522.7
Rate B-GV & B-LG	187	0.6%	149.4
Total Residual Allocation	29,532	100.0%	23,568.6

Proposed Distribution Increase - Directly Assigned

Rate Class	Allocation to Average	Proposed Distribution Change
Rates R & R-TOD	120%	47,243.1
Rates R-WH & G-WH	119%	1,029.8
Rates LCS-R & LCS-G	113%	107.2
Rates EOL & OL	-134%	-2,036.1
Total Directly Assigned		46,344.1
Total Proposed Change		69,912.7

**Proposed Unitized Rate of Return
by Rate Class**

Rate Class	Rate Base A	Current Return B	Current Rate		Proposed Rate Permanent			
			ROR %	Unitized ROR	Incremental		ROR %	Unitized ROR
			C = B / A	D = C / C line 38	Revenue E	Return 72.44% F = E * 72.44%	G = (B + F) / A	H = G / G line 38
Rates R & R-TOD	796,079	1,804	0.23%	0.07	\$ 47,243	34,222	4.53%	0.59
Rate R-WH & G-WH	15,578	181	1.16%	0.34	\$ 1,030	746	5.95%	0.78
Rate LCS R&G	4,608	(451)	-9.78%	-2.83	\$ 107	78	-8.09%	(1.06)
Rate G & G-TOD	226,652	21,180	9.34%	2.71	\$ 13,777	9,980	13.75%	1.81
Rate G-SH	576	47	8.07%	2.34	\$ 35	25	12.47%	1.64
Rates GV	100,105	11,309	11.30%	3.27	\$ 6,085	4,408	15.70%	2.06
Rate LG	57,956	4,829	8.33%	2.41	\$ 3,523	2,552	12.73%	1.67
Rate B GV&LG	2,458	683	27.80%	8.06	\$ 149	108	32.20%	4.23
Rate OL	8,965	1,017	11.35%	3.29	\$ (462)	(334)	7.62%	1.00
Rate EOL	<u>2,690</u>	<u>1,345</u>	<u>50.01%</u>	<u>14.49</u>	<u>\$ (1,575)</u>	<u>\$ (1,141)</u>	<u>7.62%</u>	<u>1.00</u>
Total Company	1,215,668	41,945	3.45%	1.00	\$ 69,913	50,643	7.62%	1.00

Attachment EAD-6 (Perm)
SUMMARY OF CURRENT AND PROPOSED RATES

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Rate	Blocks	Current Rates (01/01/18)	Proposed Rates (07/01/20)	Percent Change
R	Customer charge All KWH	\$ 12.69 0.04141	\$ 13.89 0.05441	9.46% 31.39%
Uncontrolled Water Heating	Meter charge All KWH	\$ 4.47 0.02030	\$ 4.89 0.02875	9.40% 41.63%
Controlled Water Heating	Meter charge All KWH	\$ 7.88 0.00120	\$ 4.89 0.01498	-37.94% 1148.33%
R-OTOD	Customer charge	\$ 29.47	\$ 32.25	9.43%
	On-peak KWH	\$ 0.13235	\$ 0.15394	16.31%
	Off-peak KWH	0.00193	0.01120	480.31%
G	Single phase customer charge	\$ 14.89	\$ 18.00	20.89%
	Three phase customer charge	29.76	36.00	20.97%
	Load charge (over 5 KW)	\$ 8.72	\$ 10.50	20.41%
	First 500 KWH	\$ 0.06986	\$ 0.07646	9.45%
	Next 1,000 KWH	0.01731	0.01894	9.42%
	All additional KWH	0.00612	0.00670	9.48%
Space Heating	Meter charge All KWH	\$ 2.98 0.03426	\$ 3.26 0.04043	9.40% 18.01%
G-OTOD	Single phase customer charge	\$ 38.57	\$ 42.21	9.44%
	Three phase customer charge	55.12	60.32	9.43%
	Load charge	\$ 12.15	\$ 14.26	17.37%
	On-peak KWH	0.04901	0.05364	9.45%
	Off-peak KWH	0.00768	0.00841	9.51%
LCS	Radio-controlled option	\$ 9.11	\$ 11.30	24.04%
	8, 10 or 11-hour option	7.88	4.89	-37.94%
	Switch option	9.11	4.89	-46.32%
	Radio-controlled option	\$ 0.00120	\$ 0.00149	24.17%
	8-hour option	0.00120	0.01498	1148.33%
	10 or 11-hour option	0.02448	0.02875	17.44%

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Rate	Blocks	Current Rates (01/01/18)	Proposed Rates (07/01/20)	Percent Change
GV	Customer charge	\$ 194.03	\$ 226.65	16.81%
	First 100 KW	\$ 5.58	\$ 6.68	19.71%
	All additional KW	5.34	6.41	20.04%
	First 200,000 KWH	\$ 0.00606	\$ 0.00663	9.41%
	All additional KWH	0.00509	0.00557	9.43%
	Minimum Charge	\$ 893.00	\$ 1,043.00	16.80%
LG	Customer charge	\$ 606.47	\$ 719.88	18.70%
	Demand charge	\$ 4.75	\$ 5.83	22.74%
	On-peak KWH	\$ 0.00508	\$ 0.00556	9.45%
	Off-peak KWH	0.00429	0.00470	9.56%
	Minimum Charge	\$ 947.00	\$ 1,124.00	18.69%
	Discount for Service at 115kV	\$ (0.43)	\$ (0.51)	18.60%
B Service at less than 115 KV	Administrative charge	\$ 341.84	\$ 374.12	9.44%
	Translation charge	57.34	62.75	9.43%
	Demand charge	\$ 4.48	\$ 4.92	9.82%
	All KWH	Energy charges in the standard rate		
B Service at 115 KV or higher	Administrative charge	\$ 341.84	\$ 374.12	9.44%
	Translation charge	57.34	62.75	9.43%
	Demand charge	Not applicable		
	All KWH	Not applicable		

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Outdoor Lighting Service Rate OL

	<u>Lumens</u>	<u>Watts</u>	<u>Current Rates (01/01/18)</u>	<u>Proposed Rates (07/01/20)</u>	<u>Percent Change</u>
For new and existing installations					
High Pressure Sodium	4,000	50	\$ 15.83	\$ 14.21	-10.24%
	5,800	70	15.83	14.21	-10.24%
	9,500	100	21.05	18.90	-10.24%
	16,000	150	29.77	26.72	-10.24%
	30,000	250	30.51	27.39	-10.24%
	50,000	400	30.85	27.69	-10.24%
	130,000	1,000	49.51	44.44	-10.24%
Metal Halide	5,000	70	16.51	14.82	-10.24%
	8,000	100	22.60	20.29	-10.24%
	13,000	150	31.01	27.84	-10.24%
	13,500	175	31.67	28.43	-10.24%
	20,000	250	31.67	28.43	-10.24%
	36,000	400	31.96	28.69	-10.24%
	100,000	1,000	47.91	43.01	-10.24%
Light Emitting Diode (LED)	2,500	28		8.91	
	4,100	36		8.88	
	4,800	51		9.04	
	8,500	92		10.08	
	13,300	142		11.27	
	24,500	220		14.45	
For existing installations only					
Incandescent	600	105	9.12	8.19	-10.24%
	1,000	105	10.18	9.14	-10.24%
	2,500	205	13.06	11.72	-10.24%
	6,000	448	22.44	20.14	-10.24%
Mercury	3,500	100	13.96	12.53	-10.24%
	7,000	175	16.80	15.08	-10.24%
	11,000	250	20.77	18.64	-10.24%
	15,000	400	23.76	21.33	-10.24%
	20,000	400	25.65	23.02	-10.24%
	56,000	1,000	40.77	36.60	-10.24%
Fluorescent	20,000	330	34.79	31.23	-10.24%
High Pressure Sodium in existing mercury luminaires					
	12,000	150	21.77	19.54	-10.24%
	34,200	360	27.87	25.02	-10.24%

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Energy Efficient Outdoor Lighting Service Rate EOL

	<u>Lumens</u>	<u>Watts</u>	<u>Current Rates (01/01/18)</u>	<u>Proposed Rates (07/01/20)</u>	<u>Percent Change</u>
High Pressure Sodium	4,000	50	\$ 8.42	\$ 5.03	-40.24%
	5,800	70	8.42	5.34	-36.60%
	9,500	100	10.36	5.76	-44.38%
	16,000	150	11.39	6.42	-43.66%
	30,000	250	11.39	7.64	-32.88%
	50,000	400	11.76	9.35	-20.52%
	130,000	1,000	22.32	16.02	-28.22%
Metal Halide	5,000	70	8.75	\$ 5.36	-38.75%
	8,000	100	11.57	5.70	-50.75%
	13,000	150	12.35	6.43	-47.95%
	13,500	175	13.00	6.60	-49.25%
	20,000	250	13.22	7.46	-43.54%
	36,000	400	13.59	9.18	-32.46%
	100,000	1,000	24.21	15.84	-34.57%
LED's and other technologies accepted by the Company					
Per fixture charge			3.37	1.92	-42.92%
Per watt charge			\$ 0.05130	\$ 0.01058	-79.38%

Attachment EAD-7 (Perm)
DETAILED REVENUE CALCULATIONS

Summary of Revenues by Type and Class

Current Revenues						
	Distribution	Transmission	SCRC	SBC	Energy	Total
Rate R	197,334,891	64,116,545	43,960,240	18,426,825	313,979,255	637,817,756
Rate R CWH	24,218	8,596	4,505	3,192	54,391	94,902
Rate R UWH	4,171,103	1,457,621	1,291,352	541,296	9,223,283	16,684,655
Rate R LCS	447,452	580,341	304,144	215,513	3,672,172	5,219,622
Rate R OTOD	34,646	7,230	5,576	2,704	46,083	96,239
Rate R	202,012,310	66,170,333	45,565,817	19,189,530	326,975,184	659,913,174
Rate G	83,771,868	33,051,863	22,240,621	10,054,718	171,324,845	320,443,915
Rate G CWH	-	-	-	-	-	-
Rate G UWH	136,750	53,325	45,215	19,803	337,423	592,516
Rate G LCS	28,868	71,165	35,628	26,428	450,312	612,401
Rate G Space	201,725	103,585	90,828	31,948	544,368	972,454
Rate G OTOD	173,196	37,479	11,946	5,016	85,468	313,105
Rate G	84,312,407	33,317,417	22,424,238	10,137,913	172,742,416	322,934,391
Rate GV	36,426,129	29,851,680	17,712,355	9,777,142	203,918,468	297,685,774
Rate LG	20,150,790	19,418,882	3,573,962	7,341,311	153,115,196	203,600,141
Rate OL/EOL	7,590,790	397,309	454,882	167,018	2,845,861	11,455,860
TOTAL	350,492,426	149,155,621	89,731,254	46,612,914	859,597,125	1,495,589,340

Proposed Revenues						
	Distribution	Transmission	SCRC	SBC	Energy	Total
Rate R	244,560,629	64,116,545	43,960,240	18,426,825	313,979,255	685,043,494
Rate R CWH	22,783	8,596	4,505	3,192	54,391	93,467
Rate R UWH	5,167,369	1,457,621	1,291,352	541,296	9,223,283	17,680,921
Rate R LCS	547,400	580,341	304,144	215,513	3,672,172	5,319,570
Rate R OTOD	42,112	7,230	5,576	2,704	46,083	103,705
Rate R	250,340,293	66,170,333	45,565,817	19,189,530	326,975,184	708,241,157
Rate G	97,537,858	33,051,863	22,240,621	10,054,718	171,324,845	334,209,905
Rate G CWH	-	-	-	-	-	-
Rate G UWH	171,708	53,325	45,215	19,803	337,423	627,474
Rate G LCS	36,147	71,165	35,628	26,428	450,312	619,680
Rate G Space	236,767	103,585	90,828	31,948	544,368	1,007,496
Rate G OTOD	199,951	37,479	11,946	5,016	85,468	339,860
Rate G	98,182,431	33,317,417	22,424,238	10,137,913	172,742,416	336,804,415
Rate GV	42,516,564	29,851,680	17,712,355	9,777,142	203,918,468	303,776,209
Rate LG	23,813,544	19,418,882	3,573,962	7,341,311	153,115,196	207,262,895
Rate OL/EOL	5,554,739	397,309	454,882	167,018	2,845,861	9,419,809
TOTAL	420,407,571	149,155,621	89,731,254	46,612,914	859,597,125	1,565,504,485

Source of data is EAD-7 (Perm), pages 2 through 11

Comparison of Current vs Proposed
Permanent Rates

Rate R - Residential Electric Service							
	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	5,289,264	\$ 12.69	\$ 67,120,760	\$ 13.89	\$ 73,467,877	\$ 6,347,117	9.46%
Energy Charge All kWh	3,144,509,315						
Distribution		\$ 0.04141	\$130,214,131	\$ 0.05441	\$171,092,752	\$ 40,878,621	31.39%
Transmission		0.02039	64,116,545	0.02039	64,116,545	-	0.00%
Stranded Cost Recovery Charge		0.01398	43,960,240	0.01398	43,960,240	-	0.00%
System Benefits Charge		0.00586	18,426,825	0.00586	18,426,825	-	0.00%
Energy Service Charge		0.09985	313,979,255	0.09985	313,979,255	-	0.00%
Distribution Impact Only		\$ 0.06276	\$ 197,334,891	\$ 0.07777	\$ 244,560,629	\$ 47,225,738	23.93%
Total Change		\$ 0.20284	\$637,817,756	\$ 0.21785	\$685,043,494	\$ 47,225,738	7.40%
Rate R - Residential Uncontrolled Water Heating							
Customer Charge							
Customer Charge	513,638	\$ 4.47	\$ 2,295,964	\$ 4.89	\$ 2,511,692	\$ 215,728	9.40%
Energy Charge All kWh	92,371,389						
Distribution		\$ 0.02030	\$ 1,875,139	\$ 0.02875	\$ 2,655,677	\$ 780,538	41.63%
Transmission		0.01578	1,457,621	0.01578	1,457,621	-	0.00%
Stranded Cost Recovery Charge		0.01398	1,291,352	0.01398	1,291,352	-	0.00%
System Benefits Charge		0.00586	541,296	0.00586	541,296	-	0.00%
Energy Service Charge		0.09985	9,223,283	0.09985	9,223,283	-	0.00%
Distribution Impact Only		\$ 0.04516	\$ 4,171,103	\$ 0.05594	\$ 5,167,369	\$ 996,266	23.88%
Total Change		\$ 0.18063	\$ 16,684,655	\$ 0.19141	\$ 17,680,921	\$ 996,266	5.97%
Rate R - Residential Controlled Water Heating							
Customer Charge							
Customer Charge	2,990	\$ 7.88	\$ 23,564	\$ 4.89	\$ 14,623	\$ (8,941)	-37.94%
Energy Charge All kWh	544,730						
Distribution		\$ 0.00120	\$ 654	\$ 0.01498	\$ 8,160	\$ 7,506	1148.33%
Transmission		0.01578	8,596	0.01578	8,596	-	0.00%
Stranded Cost Recovery Charge		0.00827	4,505	0.00827	4,505	-	0.00%
System Benefits Charge		0.00586	3,192	0.00586	3,192	-	0.00%
Energy Service Charge		0.09985	54,391	0.09985	54,391	-	0.00%
Distribution Impact Only		\$ 0.04446	\$ 24,218	\$ 0.04182	\$ 22,783	\$ (1,435)	-5.93%
Total Change		\$ 0.17422	\$ 94,902	\$ 0.17158	\$ 93,467	\$ (1,435)	-1.51%

Comparison of Current vs Proposed
Permanent Rates

Rate R - Load Control Service, Radio Controlled

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	41,348	\$ 9.11	\$ 376,678	\$ 11.30	\$ 467,229	\$ 90,551	24.04%
Energy Charge All kWh	36,095,933						
Distribution		\$ 0.00120	\$ 43,315	\$ 0.00149	\$ 53,783	\$ 10,468	24.17%
Transmission		0.01578	569,594	0.01578	569,594	-	0.00%
Stranded Cost Recovery Charge		0.00827	298,513	0.00827	298,513	-	0.00%
System Benefits Charge		0.00586	211,522	0.00586	211,522	-	0.00%
Energy Service Charge		0.09985	3,604,179	0.09985	3,604,179	-	0.00%
Distribution Impact Only		\$ 0.01164	\$ 419,993	\$ 0.01443	\$ 521,012	\$ 101,019	24.05%
Total Change		\$ 0.14140	\$ 5,103,801	\$ 0.14419	\$ 5,204,820	\$ 101,019	1.98%

Rate R - Load Control Service, 8 Hour Switch

Customer Charge							
Customer Charge	145	\$ 9.11	\$ 1,316	\$ 4.89	\$ 707	\$ (609)	-46.32%
Energy Charge All kWh	44,152						
Distribution		\$ 0.00120	\$ 53	\$ 0.01498	\$ 661	\$ 608	1148.33%
Transmission		0.01578	697	0.01578	697	-	0.00%
Stranded Cost Recovery Charge		0.00827	365	0.00827	365	-	0.00%
System Benefits Charge		0.00586	259	0.00586	259	-	0.00%
Energy Service Charge		0.09985	4,409	0.09985	4,409	-	0.00%
Distribution Impact Only		\$ 0.03101	\$ 1,369	\$ 0.03098	\$ 1,368	\$ (1)	-0.07%
Total Change		\$ 0.16079	\$ 7,099	\$ 0.16076	\$ 7,098	\$ (1)	-0.01%

Rate R - Load Control Service, 8 Hour No Switch

Customer Charge							
Customer Charge	1,249	\$ 7.88	\$ 9,844	\$ 4.89	\$ 6,109	\$ (3,735)	-37.94%
Energy Charge All kWh	357,451						
Distribution		\$ 0.00120	\$ 429	\$ 0.01498	\$ 5,355	\$ 4,926	1148.33%
Transmission		0.01578	5,641	0.01578	5,641	-	0.00%
Stranded Cost Recovery Charge		0.00827	2,956	0.00827	2,956	-	0.00%
System Benefits Charge		0.00586	2,095	0.00586	2,095	-	0.00%
Energy Service Charge		0.09985	35,691	0.09985	35,691	-	0.00%
Distribution Impact Only		\$ 0.02874	\$ 10,273	\$ 0.03207	\$ 11,464	\$ 1,191	11.59%
Total Change		\$ 0.15850	\$ 56,656	\$ 0.16183	\$ 57,847	\$ 1,191	2.10%

Rate R - Load Control Service, 10/11 Hour Switch

Customer Charge							
Customer Charge	60	\$ 9.11	\$ 547	\$ 4.89	\$ 293	\$ (254)	-46.32%
Energy Charge All kWh	13,784						
Distribution		\$ 0.02448	\$ 337	\$ 0.02875	\$ 396	\$ 59	17.44%
Transmission		0.01578	218	0.01578	218	-	0.00%
Stranded Cost Recovery Charge		0.00827	114	0.00827	114	-	0.00%
System Benefits Charge		0.00586	81	0.00586	81	-	0.00%
Energy Service Charge		0.09985	1,376	0.09985	1,376	-	0.00%
Distribution Impact Only		\$ 0.06413	\$ 884	\$ 0.04999	\$ 689	\$ (195)	-22.06%
Total Change		\$ 0.19392	\$ 2,673	\$ 0.17977	\$ 2,478	\$ (195)	-7.30%

Rate R - Load Control Service, 10/11 Hour No Switch

Customer Charge							
Customer Charge	1,070	\$ 7.88	\$ 8,432	\$ 4.89	\$ 5,232	\$ (3,200)	-37.94%
Energy Charge All kWh	265,564						
Distribution		\$ 0.02448	\$ 6,501	\$ 0.02875	\$ 7,635	\$ 1,134	17.44%
Transmission		0.01578	4,191	0.01578	4,191	-	0.00%
Stranded Cost Recovery Charge		0.00827	2,196	0.00827	2,196	-	0.00%
System Benefits Charge		0.00586	1,556	0.00586	1,556	-	0.00%
Energy Service Charge		0.09985	26,517	0.09985	26,517	-	0.00%
Distribution Impact Only		\$ 0.05623	\$ 14,933	\$ 0.04845	\$ 12,867	\$ (2,066)	-13.84%
Total Change		\$ 0.18599	\$ 49,393	\$ 0.17821	\$ 47,327	\$ (2,066)	-4.18%

Comparison of Current vs Proposed
Permanent Rates

Rate R - Optional Time of Day

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge	466	\$ 29.47	\$ 13,721	\$ 32.25	\$ 15,016	\$ 1,295	9.44%
Energy Charge On Peak kWh	153,613						
Distribution		\$ 0.13235	\$ 20,331	\$ 0.15394	\$ 23,647	\$ 3,316	16.31%
Transmission		0.02039	3,132	0.02039	3,132	-	0.00%
Stranded Cost Recovery Charge		0.01208	1,856	0.01208	1,856	-	0.00%
System Benefits Charge		0.00586	900	0.00586	900	-	0.00%
Energy Service Charge		0.09985	15,338	0.09985	15,338	-	0.00%
Energy Charge Off Peak kWh	307,907						
Distribution		\$ 0.00193	\$ 594	\$ 0.01120	\$ 3,449	\$ 2,855	480.64%
Transmission		0.01331	4,098	0.01331	4,098	-	0.00%
Stranded Cost Recovery Charge		0.01208	3,720	0.01208	3,720	-	0.00%
System Benefits Charge		0.00586	1,804	0.00586	1,804	-	0.00%
Energy Service Charge		0.09985	30,745	0.09985	30,745	-	0.00%
Distribution Impact Only		\$ 0.07507	\$ 34,646	\$ 0.09125	\$ 42,112	\$ 7,466	21.55%
Total Change		\$ 0.20853	\$ 96,239	\$ 0.22470	\$ 103,705	\$ 7,466	7.76%

Comparison of Current vs Proposed
Permanent Rates

Rate G - General Service

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge 1 Phase	682,271	\$ 14.89	\$ 10,159,015	\$ 18.00	\$ 12,280,878	2,121,863	20.89%
Customer Charge 3 Phase	235,118	29.76	6,997,118	36.00	8,464,255	1,467,137	20.97%
Demand Charge >5 kW	4,060,918						
Distribution		\$ 8.72	\$ 35,411,205	\$ 10.50	\$ 42,639,639	7,228,434	20.41%
Transmission		5.26	21,360,429	5.26	21,360,429	-	0.00%
Stranded Cost Recovery Charge		0.96	3,898,481	0.96	3,898,481	-	0.00%
Energy Charge < 500 kWh	273,389,497						
Distribution		\$ 0.06986	\$ 19,098,990	\$ 0.07646	\$ 20,903,361	1,804,371	9.45%
Transmission		0.01900	5,194,400	0.01900	5,194,400	-	0.00%
Stranded Cost Recovery Charge		0.01069	2,922,534	0.01069	2,922,534	-	0.00%
System Benefits Charge		0.00586	1,602,062	0.00586	1,602,062	-	0.00%
Energy Service Charge		0.09985	27,297,941	0.09985	27,297,941	-	0.00%
Energy Charge 501 - 1500 kWh	292,926,918						
Distribution		\$ 0.01731	\$ 5,070,565	\$ 0.01894	\$ 5,548,036	477,471	9.42%
Transmission		0.00715	2,094,427	0.00715	2,094,427	-	0.00%
Stranded Cost Recovery Charge		0.01069	3,131,389	0.01069	3,131,389	-	0.00%
System Benefits Charge		0.00586	1,716,552	0.00586	1,716,552	-	0.00%
Energy Service Charge		0.09985	29,248,753	0.09985	29,248,753	-	0.00%
Energy Charge >1500 kWh	1,149,505,765						
Distribution		\$ 0.00612	7,034,975	\$ 0.00670	7,701,689	666,714	9.48%
Transmission		0.00383	4,402,607	0.00383	4,402,607	-	0.00%
Stranded Cost Recovery Charge		0.01069	12,288,217	0.01069	12,288,217	-	0.00%
System Benefits Charge		0.00586	6,736,104	0.00586	6,736,104	-	0.00%
Energy Service Charge		0.09985	114,778,151	0.09985	114,778,151	-	0.00%
Distribution Impact Only		\$ 0.04882	83,771,868	\$ 0.05685	\$ 97,537,858	\$ 13,765,990	16.43%
Total Change		\$ 0.18676	320,443,915	\$ 0.19478	\$334,209,905	\$ 13,765,990	4.30%

Comparison of Current vs Proposed
Permanent Rates

1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	Rate G - General Service Uncontrolled Water Heating							
12		(A)	(B)	(C) = (A) x (B)	(D)	(E) = (A) x (D)	(F) = (E) - (C)	(G) = (F) / (C)
13		Billing	Current	Current	Proposed	Proposed	Proposed vs. Current	
14		Determinants	Rate	Revenues	Rate	Revenues	Difference	% Chg
15								
16	Customer Charge							
17	Customer Charge	15,246	\$ 4.47	\$ 68,150	\$ 4.89	\$ 74,553	\$ 6,403	9.40%
18								
19	Energy Charge All kWh	3,379,300						
20	Distribution		\$ 0.02030	\$ 68,600	\$ 0.02875	\$ 97,155	\$ 28,555	41.63%
21	Transmission		0.01578	53,325	0.01578	53,325	-	0.00%
22	Stranded Cost Recovery Charge		0.01338	45,215	0.01338	45,215	-	0.00%
23	System Benefits Charge		0.00586	19,803	0.00586	19,803	-	0.00%
24	Energy Service Charge		0.09985	337,423	0.09985	337,423	-	0
25								
26	Distribution Impact Only		\$ 0.04047	\$ 136,750	\$ 0.05081	\$ 171,708	\$ 34,958	25.56%
27	Total Change		\$ 0.17534	\$ 592,516	\$ 0.18568	\$ 627,474	\$ 34,958	5.90%
28								
29								
30	Rate G - General Service Controlled Water Heating							
31								
32	Customer Charge							
33	Customer Charge	-	\$ 7.88	\$ -	\$ 4.89	\$ -	\$ -	-37.94%
34								
35	Energy Charge All kWh	-						
36	Distribution		\$ 0.00120	\$ -	\$ 0.01498	\$ -	\$ -	1148.33%
37	Transmission		0.01578	-	0.01578	-	-	0.00%
38	Stranded Cost Recovery Charge		0.00790	-	0.00790	-	-	0.00%
39	System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
40	Energy Service Charge		0.09985	-	0.09985	-	-	0.00%
41								
42	Distribution Impact Only			\$ -		\$ -	\$ -	
43	Total Change			\$ -		\$ -	\$ -	

Comparison of Current vs Proposed
Permanent Rates

Rate G - Space Heating

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	5,015	\$ 2.98	\$ 14,944	\$ 3.26	\$ 16,348	\$ 1,404	9.40%
Energy Charge All kWh	5,451,861						
Distribution		\$ 0.03426	\$ 186,781	\$ 0.04043	\$ 220,419	\$ 33,638	18.01%
Transmission		0.01900	103,585	0.01900	103,585	-	0.00%
Stranded Cost Recovery Charge		0.01666	90,828	0.01666	90,828	-	0.00%
System Benefits Charge		0.00586	31,948	0.00586	31,948	-	0.00%
Energy Service Charge		0.09985	544,368	0.09985	544,368	-	0.00%
Distribution Impact Only		\$ 0.03700	\$ 201,725	\$ 0.04343	\$ 236,767	\$ 35,042	17.37%
Total		\$ 0.17837	\$ 972,454	\$ 0.18480	\$ 1,007,496	\$ 35,042	3.60%

Rate G - Optional Time of Day

Customer Charge							
Customer Charge 1 Phase	199	\$ 38.57	\$ 7,675	\$ 42.21	\$ 8,400	\$ 725	9.44%
Customer Charge 3 Phase	261	55.12	14,364	60.32	15,719	1,355	
Demand Charge	10,801						
Distribution		\$ 12.15	\$ 131,232	\$ 14.26	\$ 154,022	\$ 22,790	
Transmission		3.47	37,479	3.47	37,479	-	0.00%
Stranded Cost Recovery Charge		0.48	5,184	0.48	5,184	-	
Energy Charge On Peak kWh	323,044						
Distribution		\$ 0.04901	\$ 15,832	\$ 0.05364	\$ 17,328	\$ 1,496	9.45%
Transmission		-	-	-	-	-	
Stranded Cost Recovery Charge		0.00790	2,552	0.00790	2,552	-	0.00%
System Benefits Charge		0.00586	1,893	0.00586	1,893	-	0.00%
Energy Service Charge		0.09985	32,256	0.09985	32,256	-	0.00%
Energy Charge Off Peak kWh	532,915						
Distribution		\$ 0.00768	\$ 4,093	\$ 0.00841	\$ 4,482	\$ 389	9.51%
Transmission		-	-	-	-	-	
Stranded Cost Recovery Charge		0.00790	4,210	0.00790	4,210	-	0.00%
System Benefits Charge		0.00586	3,123	0.00586	3,123	-	0.00%
Energy Service Charge		0.09985	53,212	0.09985	53,212	-	0.00%
Distribution Impact Only		\$ 0.20234	\$ 173,196	\$ 0.23360	\$ 199,951	\$ 26,755	15.45%
Total Change		\$ 0.36579	\$ 313,105	\$ 0.39705	\$ 339,860	\$ 26,755	8.55%

Comparison of Current vs Proposed
Permanent Rates

1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	Rate G - Load Control Service, Radio Controlled							
12		(A)	(B)	(C) = (A) x (B)	(D)	(E) = (A) x (D)	(F) = (E) - (C)	(G) = (F) / (C)
13		Billing	Current	Current	Proposed	Proposed	Proposed vs. Current	
14		Determinants	Rate	Revenues	Rate	Revenues	Difference	% Chg
15								
16	Customer Charge							
17	Customer Charge	2,298	\$ 9.11	\$ 20,935	\$ 11.30	\$ 25,967	\$ 5,032	24.04%
18								
19	Energy Charge All kWh							
20	Distribution	4,365,538	\$ 0.00120	\$ 5,239	\$ 0.00149	\$ 6,505	\$ 1,266	24.17%
21	Transmission		0.01578	68,888	0.01578	68,888	-	0.00%
22	Stranded Cost Recovery Charge		0.00790	34,488	0.00790	34,488	-	0.00%
23	System Benefits Charge		0.00586	25,582	0.00586	25,582	-	0.00%
24	Energy Service Charge		0.09985	435,899	0.09985	435,899	-	0.00%
25								
26	Distribution Impact Only		\$ 0.00600	\$ 26,174	\$ 0.00744	\$ 32,472	\$ 6,298	24.06%
27	Total Change		\$ 0.13539	\$ 591,031	\$ 0.13683	\$ 597,329	\$ 6,298	1.07%
28								
29	Rate G - Load Control Service, 8 Hour No Switch							
30								
31								
32	Customer Charge							
33	Customer Charge	72	\$ 7.88	\$ 567	\$ 4.89	\$ 352	\$ (215)	-37.94%
34								
35	Energy Charge All kWh							
36	Distribution	68,521	\$ 0.00120	\$ 82	\$ 0.01498	\$ 1,026	\$ 944	1148.33%
37	Transmission		0.01578	1,081	0.01578	1,081	-	0.00%
38	Stranded Cost Recovery Charge		0.00790	541	0.00790	541	-	0.00%
39	System Benefits Charge		0.00586	402	0.00586	402	-	0.00%
40	Energy Service Charge		0.09985	6,842	0.09985	6,842	-	0.00%
41								
42	Distribution Impact Only		\$ 0.00947	\$ 649	\$ 0.02011	\$ 1,378	\$ 729	112.33%
43	Total Change		\$ 0.13886	\$ 9,515	\$ 0.14950	\$ 10,244	\$ 729	7.66%
44								
45	Rate G - Load Control Service, 8 Hour Switch							
46								
47								
48	Customer Charge							
49	Customer Charge	0	\$ 9.11	\$ -	\$ 4.89	\$ -	\$ -	-46.32%
50								
51	Energy Charge All kWh							
52	Distribution	0	\$ 0.00120	\$ -	\$ 0.01498	\$ -	\$ -	1148.33%
53	Transmission		0.01578	-	0.01578	-	-	0.00%
54	Stranded Cost Recovery Charge		0.00790	-	0.00790	-	-	0.00%
55	System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
56	Energy Service Charge		0.09985	-	0.09985	-	-	0.00%
57								
58	Distribution Impact Only			\$ -		\$ -	\$ -	
59	Total Change			\$ -		\$ -	\$ -	
60								
61	Rate G - Load Control Service, 10/11 Hour Switch							
62								
63								
64	Customer Charge							
65	Customer Charge	0	\$ 9.11	\$ -	\$ 4.89	\$ -	\$ -	-46.32%
66								
67	Energy Charge All kWh							
68	Distribution	0	\$ 0.02448	\$ -	\$ 0.02875	\$ -	\$ -	17.44%
69	Transmission		0.01578	-	0.01578	-	-	0.00%
70	Stranded Cost Recovery Charge		0.00790	-	0.00790	-	-	0.00%
71	System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
72	Energy Service Charge		0.09985	-	0.09985	-	-	0.00%
73								
74	Distribution Impact Only			\$ -		\$ -	\$ -	
75	Total Change			\$ -		\$ -	\$ -	
76								
77	Rate G - Load Control Service, 10/11 Hour No Switch							
78								
79								
80	Customer Charge							
81	Customer Charge	24	\$ 7.88	\$ 189	\$ 4.89	\$ 117	\$ (72)	-37.94%
82								
83	Energy Charge All kWh							
84	Distribution	75,820	\$ 0.02448	\$ 1,856	\$ 0.02875	\$ 2,180	\$ 324	17.44%
85	Transmission		0.01578	1,196	0.01578	1,196	-	0.00%
86	Stranded Cost Recovery Charge		0.00790	599	0.00790	599	-	0.00%
87	System Benefits Charge		0.00586	444	0.00586	444	-	0.00%
88	Energy Service Charge		0.09985	7,571	0.09985	7,571	-	0.00%
89								
90	Distribution Impact Only		\$ 0.02697	\$ 2,045	\$ 0.03030	\$ 2,297	\$ 252	12.32%
91	Total Change		\$ 0.15636	\$ 11,855	\$ 0.15968	\$ 12,107	\$ 252	2.13%

Comparison of Current vs Proposed
Permanent Rates

Rate GV	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	16,601	\$ 194.03	\$ 3,221,053	\$ 226.65	\$ 3,762,571	\$ 541,518	16.81%
Demand 1-100 kW	1,568,428						
Distribution		\$ 5.58	\$ 8,751,828	\$ 6.68	\$ 10,477,099	\$ 1,725,271	19.71%
Transmission		7.04	11,041,733	7.04	11,041,733	-	0.00%
Stranded Cost Recovery Charge		0.83	1,301,795	0.83	1,301,795	-	0.00%
Demand > 100 kW	2,667,694						
Distribution		\$ 5.34	\$ 14,245,486	\$ 6.41	\$ 17,099,919	\$ 2,854,433	20.04%
Transmission		7.04	18,780,566	7.04	18,780,566	-	0.00%
Stranded Cost Recovery Charge		0.83	2,214,186	0.83	2,214,186	-	0.00%
Minimum Charge	123	\$ 893.00	\$ 110,064	\$ 1,043.00	\$ 128,552	\$ 18,488	16.80%
Energy Charge 1 - 200,000 kWh	1,448,276,753						
Distribution		\$ 0.00606	\$ 8,776,557	\$ 0.00663	\$ 9,602,075	\$ 825,518	9.41%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00850	12,310,352	0.00850	12,310,352	-	0.00%
System Benefits Charge		0.00586	8,486,902	0.00586	8,486,902	-	0.00%
Energy Service Charge		0.12222	177,008,385	0.12222	177,008,385	-	0.00%
Energy Charge >200,000 kWh	217,399,074						
Distribution		\$ 0.00509	\$ 1,106,561	\$ 0.00557	\$ 1,210,913	\$ 104,352	9.43%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00850	1,847,892	0.00850	1,847,892	-	0.00%
System Benefits Charge		0.00586	1,273,959	0.00586	1,273,959	-	0.00%
Energy Service Charge		0.12222	26,570,515	0.12222	26,570,515	-	0.00%
Distribution Impact Only		\$ 0.02174	\$ 36,211,549	\$ 0.02538	\$ 42,281,129	\$ 6,069,580	16.76%
Total Change		\$ 0.17833	\$297,047,834	\$ 0.18198	\$303,117,414	\$ 6,069,580	2.04%
Rate GV - Backup Service < 115 KV							
Administrative Charge	108	\$ 341.84	\$ 36,919	\$ 374.12	\$ 40,405	\$ 3,486	9.44%
Translation Charge	39	\$ 57.34	\$ 2,236	62.75	\$ 2,447	\$ 211	9.43%
Demand Charge	35,399						
Distribution		\$ 4.48	\$ 158,588	\$ 4.92	\$ 174,163	\$ 15,575	9.82%
Transmission		0.83	29,381	0.83	29,381	-	0.00%
Stranded Cost Recovery Charge		0.41	14,514	0.41	14,514	-	0.00%
Energy Charge 1 - 200,000 kWh	2,778,333						
Distribution		\$ 0.00606	\$ 16,837	\$ 0.00663	\$ 18,420	\$ 1,583	9.41%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00850	23,616	0.00850	23,616	-	0.00%
System Benefits Charge		0.00586	16,281	0.00586	16,281	-	0.00%
Energy Service Charge		0.12222	339,568	0.12222	339,568	-	0.00%
Energy Charge >200,000 kWh	0						
Distribution		\$ 0.00509	\$ -	\$ 0.00557	\$ -	\$ -	9.43%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00850	-	0.00850	-	-	0.00%
System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
Energy Service Charge		0.12222	-	0.12222	-	-	0.00%
Distribution Impact Only		\$ 0.07723	\$ 214,580	\$ 0.08474	\$ 235,435	\$ 20,855	9.72%
Total Change		\$ 0.22961	\$ 637,940	\$ 0.23712	\$ 658,795	\$ 20,855	3.27%
Rate GV - Backup Service > 115 KV							
Administrative Charge	-	\$ 341.84	\$ -	\$ 374.12	\$ -	\$ -	9.44%
Translation Charge	-	\$ 57.34	\$ -	62.75	\$ -	\$ -	9.43%
Demand Charge	-						
Transmission		0.83	-	0.83	-	-	0.00%
Stranded Cost Recovery Charge		0.15	-	0.15	-	-	0.00%
Energy Charge On Peak	-						
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00256	-	0.00256	-	-	0.00%
System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
Energy Service Charge		0.12222	-	0.12222	-	-	0.00%
Energy Charge Off Peak	-						
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00171	-	0.00171	-	-	0.00%
System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
Energy Service Charge		0.12222	-	0.12222	-	-	0.00%
Distribution Impact Only		\$ -	\$ -	\$ -	\$ -	\$ -	-
Total Change		\$ -	\$ -	\$ -	\$ -	\$ -	-

**Comparison of Current vs Proposed
Permanent Rates**

Rate LG	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	1,272	\$ 606.47	\$ 771,430	\$ 719.88	\$ 915,687	\$ 144,257	18.70%
Demand	2,661,538						
Distribution		\$ 4.75	\$ 12,642,306	\$ 5.83	\$ 15,516,767	\$ 2,874,461	22.74%
Transmission		6.93	18,444,458	6.93	18,444,458	-	0.00%
Stranded Cost Recovery Charge		0.30	798,461	0.30	798,461	-	0.00%
Minimum Charge	0	\$ 947.00	\$ -	\$ 1,124.00	\$ -	\$ -	18.69%
Discount for above 115kV	0	\$ (0.43)	\$ -	\$ (0.51)	\$ -	\$ -	18.60%
Energy Charge On Peak	510,025,661						
Distribution		\$ 0.00508	\$ 2,590,930	\$ 0.00556	\$ 2,835,743	\$ 244,813	9.45%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00256	1,305,666	0.00256	1,305,666	-	0.00%
System Benefits Charge		0.00586	2,988,750	0.00586	2,988,750	-	0.00%
Energy Service Charge		0.12222	62,335,336	0.12222	62,335,336	-	0.00%
Energy Charge Off Peak	662,413,106						
Distribution		\$ 0.00429	\$ 2,841,752	\$ 0.00470	\$ 3,113,342	\$ 271,590	9.56%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00171	1,132,726	0.00171	1,132,726	-	0.00%
System Benefits Charge		0.00586	3,881,741	0.00586	3,881,741	-	0.00%
Energy Service Charge		0.12222	80,960,130	0.12222	80,960,130	-	0.00%
Distribution Impact Only		\$ 0.01607	\$ 18,846,418	\$ 0.01909	\$ 22,381,539	\$ 3,535,121	18.76%
Total Charge		\$ 0.16265	\$190,693,686	\$ 0.16566	\$194,228,807	\$ 3,535,121	1.85%
Rate LG - Backup Service < 115 KV							
Administrative Charge	109	\$ 341.84	\$ 37,329	\$ 374.12	\$ 40,854	\$ 3,525	9.44%
Translation Charge	26	\$ 57.34	\$ 1,491	62.75	\$ 1,632	\$ 141	9.43%
Demand Charge	260,477						
Distribution		\$ 4.48	\$ 1,166,937	\$ 4.92	\$ 1,281,547	\$ 114,610	9.82%
Transmission		0.83	216,196	0.83	216,196	-	0.00%
Stranded Cost Recovery Charge		0.15	39,072	0.15	39,072	-	0.00%
Energy Charge On Peak	6,651,595						
Distribution		\$ 0.00508	\$ 33,790	\$ 0.00556	\$ 36,983	\$ 3,193	9.45%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00256	17,028	0.00256	17,028	-	0.00%
System Benefits Charge		0.00586	38,978	0.00586	38,978	-	0.00%
Energy Service Charge		0.12222	812,958	0.12222	812,958	-	0.00%
Energy Charge Off Peak	8,704,697						
Distribution		\$ 0.00429	\$ 37,343	\$ 0.00470	\$ 40,912	\$ 3,569	9.56%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00171	14,885	0.00171	14,885	-	0.00%
System Benefits Charge		0.00586	51,010	0.00586	51,010	-	0.00%
Energy Service Charge		0.12222	1,063,888	0.12222	1,063,888	-	0.00%
Distribution Impact Only		\$ 0.08315	\$ 1,276,890	\$ 0.09129	\$ 1,401,928	\$ 125,038	9.79%
Total Charge		\$ 0.22993	\$ 3,530,905	\$ 0.23807	\$ 3,655,943	\$ 125,038	3.54%
Rate LG - Backup Service > 115 KV							
Administrative Charge	80	\$ 341.84	\$ 27,482	\$ 374.12	\$ 30,077	\$ 2,595	9.44%
Translation Charge	-	\$ 57.34	\$ -	62.75	\$ -	\$ -	9.43%
Demand Charge	913,528						
Transmission		0.83	\$ 758,228	0.83	\$ 758,228	-	0.00%
Stranded Cost Recovery Charge		0.15	137,029	0.15	137,029	-	0.00%
Energy Charge On Peak	21,134,611						
Transmission		-	\$ -	-	\$ -	-	0.00%
Stranded Cost Recovery Charge		0.00256	54,105	0.00256	54,105	-	0.00%
System Benefits Charge		0.00586	123,849	0.00586	123,849	-	0.00%
Energy Service Charge		0.12222	2,583,072	0.12222	2,583,072	-	0.00%
Energy Charge Off Peak	43,853,801						
Transmission		-	\$ -	-	\$ -	-	0.00%
Stranded Cost Recovery Charge		0.00171	74,990	0.00171	74,990	-	0.00%
System Benefits Charge		0.00586	256,983	0.00586	256,983	-	0.00%
Energy Service Charge		0.12222	5,359,812	0.12222	5,359,812	-	0.00%
Distribution Impact Only		\$ 0.00042	\$ 27,482	\$ 0.00046	\$ 30,077	\$ 2,595	9.44%
Total Charge		\$ 0.14426	\$ 9,375,550	\$ 0.14430	\$ 9,378,145	\$ 2,595	0.03%

**Comparison of Current vs Proposed
Permanent Rates**

Rate OL - Outdoor Lighting

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Energy Charge All kWh	17,130,466						
Transmission		\$ 0.01394	\$ 238,799	\$ 0.01394	\$ 238,799	\$ -	0.00%
Stranded Cost Recovery Charge		0.01596	273,402	0.01596	273,402	-	0.00%
System Benefits Charge		0.00586	100,385	0.00586	100,385	-	0.00%
Energy Service Charge		0.09985	1,710,477	0.09985	1,710,477	-	0.00%
Total		\$ 0.13561	\$ 2,323,063	\$ 0.13561	\$ 2,323,063	\$ -	0.00%
Distribution Charge (per fixture)							
4000 LUMEN HP SODIUM	42,792	\$ 15.83	\$ 677,397	\$ 14.21	\$ 608,059	\$ (69,338)	-10.24%
5800 LUMEN HP SODIUM	7,260	15.83	114,926	14.21	103,162	(11,764)	-10.24%
9500 LUMEN HP SODIUM	10,692	21.05	225,067	18.90	202,029	(23,038)	-10.24%
16000 LUMEN HP SODIUM	9,936	29.77	295,795	26.72	265,517	(30,278)	-10.24%
30000 LUMEN HP SODIUM	15,480	30.51	472,295	27.39	423,951	(48,344)	-10.24%
50000 LUMEN HP SODIUM	22,860	30.85	705,231	27.69	633,044	(72,187)	-10.24%
130000 LUMEN HP SODIUM	3,684	49.51	182,395	44.44	163,725	(18,670)	-10.24%
5000 LUMEN METAL HALIDE	2,700	16.51	44,577	14.82	40,014	(4,563)	-10.24%
8000 LUMEN METAL HALIDE	1,608	22.60	36,341	20.29	32,621	(3,720)	-10.24%
13000 LUMEN METAL HALIDE	-	31.01	-	27.84	-	-	-10.24%
13500 LUMEN METAL HALIDE	1,464	31.67	46,365	28.43	41,619	(4,746)	-10.24%
20000 LUMEN METAL HALIDE	3,696	31.67	117,052	28.43	105,071	(11,981)	-10.24%
36000 LUMEN METAL HALIDE	5,136	31.96	164,147	28.69	147,345	(16,802)	-10.24%
100000 LUMEN METAL HALIDE	3,216	47.91	154,079	43.01	138,307	(15,772)	-10.24%
600 LUMEN INCANDESCENT	1,068	9.12	9,740	8.19	8,743	(997)	-10.24%
1000 LUMEN INCANDESCENT	2,844	10.18	28,952	9.14	25,988	(2,964)	-10.24%
2500 LUMEN INCANDESCENT	48	13.06	627	11.72	563	(64)	-10.21%
6000 LUMEN INCANDESCENT	-	22.44	-	20.14	-	-	-10.24%
3500 LUMEN MERCURY	59,064	13.96	824,533	12.53	740,134	(84,399)	-10.24%
7000 LUMEN MERCURY	11,472	16.80	192,730	15.08	173,002	(19,728)	-10.24%
11000 LUMEN MERCURY	684	20.77	14,207	18.64	12,752	(1,455)	-10.24%
15000 LUMEN MERCURY	36	23.76	855	21.33	768	(87)	-10.18%
20000 LUMEN MERCURY	5,088	25.65	130,507	23.02	117,148	(13,359)	-10.24%
56000 LUMEN MERCURY	1,632	40.77	66,537	36.60	59,726	(6,811)	-10.24%
20000 LUMEN FLUORESCENT	24	34.79	835	31.23	749	(86)	-10.30%
12000 LUMEN HP SODIUM	96	21.77	2,090	19.54	1,876	(214)	-10.24%
34200 LUMEN HP SODIUM	60	27.87	1,672	25.02	1,501	(171)	-10.23%
Average Number of Fixtures/Month	17,720						
Distribution Impact Only		\$ 0.26321	\$ 4,508,952	\$ 0.23627	\$ 4,047,414	\$ (461,538)	-10.24%
Total Charge		\$ 0.39882	\$ 6,832,015	\$ 0.37188	\$ 6,370,477	\$ (461,538)	-6.76%
Rate EOL - Efficient Outdoor Lighting							
Energy Charge All kWh	11,370,898						
Transmission		\$ 0.01394	\$ 158,510	\$ 0.01394	\$ 158,510	\$ -	0.00%
Stranded Cost Recovery Charge		0.01596	181,480	0.01596	181,480	-	0.00%
System Benefits Charge		0.00586	66,633	0.00586	66,633	-	0.00%
Energy Service Charge		0.09985	1,135,384	0.09985	1,135,384	-	0.00%
Total			\$ 1,542,007		\$ 1,542,007	\$ -	0.00%
Distribution Charge (per fixture)							
4000 LUMEN HP SODIUM	45,216	\$ 8.42	\$ 380,719	\$ 5.03	\$ 227,523	\$ (153,196)	-40.24%
5800 LUMEN HP SODIUM	2,616	8.42	22,027	5.34	13,966	(8,061)	-36.60%
9500 LUMEN HP SODIUM	4,272	10.36	44,258	5.76	24,614	(19,644)	-44.39%
16000 LUMEN HP SODIUM	6,648	11.39	75,721	6.42	42,664	(33,057)	-43.66%
30000 LUMEN HP SODIUM	20,784	11.39	236,730	7.64	158,882	(77,848)	-32.88%
50000 LUMEN HP SODIUM	1,584	11.76	18,628	9.35	14,806	(3,822)	-20.52%
130000 LUMEN HP SODIUM	684	22.32	15,267	16.02	10,959	(4,308)	-28.22%
5000 LUMEN METAL HALIDE	9,984	8.75	87,360	5.36	53,512	(33,848)	-38.75%
8000 LUMEN METAL HALIDE	1,152	11.57	13,329	5.70	6,564	(6,765)	-50.75%
13000 LUMEN METAL HALIDE	-	12.35	-	6.43	-	-	-47.95%
13500 LUMEN METAL HALIDE	1,056	13.00	13,728	6.60	6,967	(6,761)	-49.25%
20000 LUMEN METAL HALIDE	840	13.22	11,105	7.46	6,270	(4,835)	-43.54%
36000 LUMEN METAL HALIDE	528	13.59	7,176	9.18	4,846	(2,330)	-32.47%
100000 LUMEN METAL HALIDE	1,236	24.21	29,924	15.84	19,580	(10,344)	-34.57%
LEDs	388,872	3.37	1,310,499	1.92	748,061	(562,438)	-42.92%
Average Number of Fixtures/Month	40,456						
Distribution Charge (per Watt)							
LEDs	15,894,084	\$ 0.05130	\$ 815,367	\$ 0.01058	\$ 168,111	\$ (647,256)	-79.38%
Distribution Impact Only		\$ 0.27103	\$ 3,081,838	\$ 0.13256	\$ 1,507,325	\$ (1,574,513)	-51.09%
Total Charge		\$ 0.40664	\$ 4,623,845	\$ 0.26817	\$ 3,049,332	\$ (1,574,513)	-34.05%

Attachment EAD-8 (Perm)
STREET LIGHTING

STREET LIGHTING DISTRIBUTION RATE DESIGN

Distribution Breakout by Component

	Rate EOL		Rate OL	
Total Fixtures	A	40,456	E	17,720
	Aa - Non-LED	8,050	Ea - Non-LED	17,720
	Ab - LED	32,406	Eb - LED	-
Connected Demand KW	B	2,619	F	3,947
Annual kWh	C	11,370,898	G	17,130,466
Proposed Distribution Revenue	D	\$ 1,507,325	H	\$ 4,047,414
Distribution by Category				
1) D - System Demand				
Revenue \$	I	\$ 332,442	K = J* F* 12* 1000	\$501,029
Charge Per Watt	J = I / B / 1000 / 12	0.01058	L = K / F	0.01058
2) D - System Customer				
Revenue \$	M = D - Q - I	\$799,316	O = N* E* 12* 1000	\$350,106
Charge Per Fixture	N = M / A	\$1.65	P = O / E	\$1.65
3) D - Operations & Maintenance				
Revenue \$	Q = R* Aa* 12 + S* Ab* 12	\$375,567	T = U* Ea* 12 + V* Eb* 12	\$589,433
Charge Per Fixture Non-LED	R	\$2.77	U = R	\$2.77
LED = 10% of Non-LED	S	\$0.28	V = S	\$0.28
4) D - Equipment				
Revenue \$			W = H- K- O- T	\$ 2,606,847
Total D		\$1,507,325		\$4,047,414

Note: A, B, C, D - See Attachment EAD-8, page 4.
E, F, G, H - See Attachment EAD-8, page 5.
I - See Attachment AN-1, page 3, lines 41 and 42.
R - See Attachment EAD-8, page 2, line 28.
S - See Attachment EAD-8, page 2, line 30.

Street Lighting Operations & Maintenance

Charge Per Fixture

Source

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Test Year Street Lighting O & M	\$965,000	A = EAD-8, page 3, line 26
<u>Non-LED Fixtures</u>		
Rate EOL	8,050	B = EAD-8, page 4, lines 38 & 41
Rate OL	<u>17,720</u>	C = EAD-8, page 5, line 66
Total Non-LED	25,770	D = B + C
<u>LED Fixtures</u>		
Rate EOL	32,406	E = EAD-8, page 4, line 38
Rate OL	<u>-</u>	F = EAD-8, page 5, lines 36-41
Total LED	32,406	G = E + F
Average Cost Per Fixture	\$2.77	H = A / (D+G*10%) / 12
Non-LED Monthly Charge Per Fixture	\$2.77	I = H
LED Monthly Charge Per Fixture	\$0.28	J = H * 10%

Street Lighting Operations & Maintenance Expense

Distribution Expense *			
	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Supervision and Engineering	444	2	446
Street Lighting	519	52	571
Other	67	277	345
Total Distribution Expense	1,031	331	1,362

Street Lighting Expense			
	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Derived Supervision and Engineering	393	0	393
Street Lighting	519	52	571
Total Distribution Expense	912	53	965

Note * See Attachment AN-1, page 10

Street Lighting EOL- Efficient Outdoor Lighting

Unbundled Rate Calculation

High Pressure Sodium		TY Fixtures			Connected Demand	kWh per Fixture			Annual kWh			Current Distribution		Proposed Adjustment	Distribution Bundled			Proposed Distribution Unbundled (A)					
Watts	Lumens	All Night	Mid-night	Total	KW	All Night	Mid-night		All Night	Mid-night	Total	Rate	Revenue	-51.1%	Rate	Revenue	% Chg	Customer	Demand	O&M	Monthly	Annual	% Chg
58	4,000	3,753	15	3,768	219	252	117		945,756	1,755	947,511	\$8.42	\$ 380,719	-\$4.30	\$4.12	\$ 186,210	-51.1%	1.65	\$ 0.61	\$2.77	\$5.03	\$ 227,523	-40%
87	5,800	218		218	19	376			81,968		81,968	8.42	22,027	-\$4.30	4.12	10,773	-51.1%	1.65	0.92	2.77	\$5.34	\$ 13,966	-37%
127	9,500	356		356	45	550			195,800		195,800	10.36	44,258	-\$5.29	5.07	21,647	-51.1%	1.65	1.34	2.77	\$5.76	\$ 24,614	-44%
189	16,000	554	-	554	105	821	379	-	454,834	-	454,834	11.39	75,721	-\$5.82	5.57	37,035	-51.1%	1.65	2.00	2.77	\$6.42	\$ 42,664	-44%
305	30,000	1,731	1	1,732	528	1326	614		2,295,306	614	2,295,920	11.39	236,730	-\$5.82	5.57	115,785	-51.1%	1.65	3.23	2.77	\$7.64	\$ 158,882	-33%
466	50,000	132		132	62	2026			267,432		267,432	11.76	18,628	-\$6.01	5.75	9,111	-51.1%	1.65	4.93	2.77	\$9.35	\$ 14,806	-21%
1097	130,000	57		57	63	4765			271,605		271,605	22.32	15,267	-\$11.40	10.92	7,467	-51.1%	1.65	11.60	2.77	\$16.02	\$ 10,959	-28%
Metal Halide																							
89	5,000	832		832	74	386			321,152		321,152	\$8.75	\$ 87,360	-\$4.47	\$4.28	\$ 42,728	-51.1%	1.65	0.94	2.77	\$5.36	\$ 53,512	-39%
121	8,000	96		96	12	527			50,592		50,592	11.57	13,329	-\$5.91	5.66	6,519	-51.1%	1.65	1.28	2.77	\$5.70	\$ 6,564	-51%
190	13,000	-		-	-	825			-		-	12.35	-	-\$6.31	6.04	-	-	1.65	2.01	2.77	\$6.43	\$ -	-48%
206	13,500	88		88	18	896			78,848		78,848	13.00	13,728	-\$6.64	6.36	6,714	-51.1%	1.65	2.18	2.77	\$6.60	\$ 6,967	-49%
288	20,000	70		70	20	1251			87,570		87,570	13.22	11,105	-\$6.75	6.47	5,431	-51.1%	1.65	3.05	2.77	\$7.46	\$ 6,270	-44%
450	36,000	44		44	20	1956			86,064		86,064	13.59	7,176	-\$6.94	6.65	3,510	-51.1%	1.65	4.76	2.77	\$9.18	\$ 4,846	-32%
1080	100,000	103		103	111	4692			483,276		483,276	24.21	29,924	-\$12.37	11.84	14,636	-51.1%	1.65	11.42	2.77	\$15.84	\$ 19,580	-35%
Light Emitting Diodes (LED)																							
Various		32,367	39	32,406					-		-	\$3.37	\$ 1,310,499	-\$1.72	\$1.65	\$ 640,965	-51.1%	1.65		0.28	\$1.92	\$ 748,061	-43%
Demand		1,321,662	2,845	1,324,507	1,325	4345	2005		5,742,621	5,704	5,748,326	\$0.0513	815,367	-\$0.02621	\$0.0251	398,796	-51.1%					\$ 168,111	-79%
Total EOL		40,401	55	40,456	2,619				11,362,824	8,073	11,370,898		\$ 3,081,834			\$ 1,507,325						\$ 1,507,325	-51%

Note: A - Distribution Component Source:
Customer - See EAD-8 page 1, line 39
Demand - See EAD-8, page 1, line 34
O&M - See EAD-8, page 1, line 44 & 45

Street Lighting Rate OL - Outdoor Lighting

Unbundled Rate Calculation

High Pressure Sodium	TY Average Fixtures			Annual kWh per Fixture			Connected Demand	Annual kWh			Current Dist Only		D Rate Increase	Distribution Bundled			Proposed Distribution Unbundled (A)							
	All		Mid	All		Mid		All		Midnight	Total	Monthly Rate		Annual Revenue	Rate	Revenue	% Chg	Cust	Demand	O&M	Equip	Monthly Rate	Annual Revenue	% Chg
	Watts	Lumens	Night	Night	Total	Night		Night	KW	All Night	Midnight	Total				-10.24%				1.65	0.01058	\$2.77	ment	
	58	4,000	3,566	-	3,566	252	117	207	898,632	-	898,632	\$15.83	\$ 677,397	-1.62	\$14.21	\$ 608,059	-10.2%	\$1.65	\$0.61	\$2.77	\$9.18	\$14.21	\$ 608,059	-10.2%
	87	5,800	605	-	605	376	174	53	227,480	-	227,480	15.83	114,926	-1.62	14.21	103,162	-10.2%	1.65	0.92	2.77	8.87	14.21	103,162	-10.2%
	127	9,500	889	2	891	550	255	113	488,950	510	489,460	21.05	225,067	-2.15	18.90	202,029	-10.2%	1.65	1.34	2.77	13.13	18.90	202,029	-10.2%
	189	16,000	825	3	828	821	379	156	677,325	1,137	678,462	29.77	295,795	-3.05	26.72	265,517	-10.2%	1.65	2.00	2.77	20.31	26.72	265,517	-10.2%
	305	30,000	1,289	1	1,290	1,326	614	393	1,709,214	614	1,709,828	30.51	472,295	-3.12	27.39	423,951	-10.2%	1.65	3.23	2.77	19.74	27.39	423,951	-10.2%
	466	50,000	1,902	3	1,905	2,026	937	888	3,853,452	2,811	3,856,263	30.85	705,231	-3.16	27.69	633,044	-10.2%	1.65	4.93	2.77	18.34	27.69	633,044	-10.2%
	1,097	130,000	306	1	307	4,765	2,199	337	1,458,090	2,199	1,460,289	49.51	182,395	-5.07	44.44	163,725	-10.2%	1.65	11.60	2.77	28.42	44.44	163,725	-10.2%
Metal Halide	89	5,000	225	-	225	386	178	20	86,850	-	86,850	\$16.51	\$ 44,577	-\$1.69	\$14.82	\$ 40,014	-10.2%	\$1.65	\$0.94	\$2.77	\$9.46	\$14.82	\$ 40,014	-10.2%
	121	8,000	133	1	134	527	243	16	70,091	243	70,334	22.60	36,341	-2.31	20.29	32,621	-10.2%	1.65	1.28	2.77	14.59	20.29	32,621	-10.2%
	190	13,000	-	-	-	825	382	-	-	-	-	31.01	-	-3.17	27.84	-	-10.2%	1.65	2.01	2.77	21.41	27.84	-	-10.2%
	206	13,500	119	3	122	896	414	25	106,624	1,242	107,866	31.67	46,365	-3.24	28.43	41,619	-10.2%	1.65	2.18	2.77	21.83	28.43	41,619	-10.2%
	288	20,000	305	3	308	1,251	578	89	381,555	1,734	383,289	31.67	117,052	-3.24	28.43	105,071	-10.2%	1.65	3.05	2.77	20.96	28.43	105,071	-10.2%
	450	36,000	422	6	428	1,956	902	193	825,432	5,412	830,844	31.96	164,147	-3.27	28.69	147,345	-10.2%	1.65	4.76	2.77	19.51	28.69	147,345	-10.2%
	1,080	100,000	266	2	268	4,692	2,165	289	1,248,072	4,330	1,252,402	47.91	154,079	-4.90	43.01	138,307	-10.2%	1.65	11.42	2.77	27.16	43.01	138,307	-10.2%
Light-Emitting Diode (LED)	28	2,500				122												\$1.65	\$0.30	\$0.28	\$6.69	\$8.91		
	36	4,100				156												1.65	0.38	0.28	6.58	8.88		
	51	4,800				222												1.65	0.54	0.28	6.58	9.04		
	92	8,500				400												1.65	0.97	0.28	7.18	10.08		
	142	13,300				617												1.65	1.50	0.28	7.84	11.27		
	220	24,500				956												1.65	2.33	0.28	10.20	14.45		
Incandescent	105	600	89		89	456		9	40,584		40,584	\$9.12	\$ 9,740	-\$0.93	\$8.19	\$ 8,743	-10.2%	\$1.65	\$1.11	\$2.77	\$2.66	\$8.19	\$ 8,743	-10.2%
	105	1,000	237		237	456		25	108,072		108,072	10.18	28,952	-1.04	9.14	25,988	-10.2%	1.65	1.11	2.77	3.61	9.14	25,988	-10.2%
	205	2,500	4		4	890		1	3,560		3,560	13.06	627	-1.34	11.72	563	-10.2%	1.65	2.17	2.77	5.14	11.72	563	-10.2%
	448	6,000	-		-	1,947		-	-		-	22.44	-	-2.30	20.14	-	-10.2%	1.65	4.74	2.77	10.99	20.14	-	-10.2%
Mercury	117	3,500	4,922		4,922	509		576	2,505,298		2,505,298	\$13.96	\$ 824,533	-\$1.43	\$12.53	\$ 740,134	-10.2%	\$1.65	\$1.24	\$2.77	\$6.88	\$12.53	\$ 740,134	-10.2%
	205	7,000	956		956	890		196	850,840		850,840	16.80	192,730	-1.72	15.08	173,002	-10.2%	1.65	2.17	2.77	8.49	15.08	173,002	-10.2%
	292	11,000	57		57	1,269		17	72,333		72,333	20.77	14,207	-2.13	18.64	12,752	-10.2%	1.65	3.09	2.77	11.14	18.64	12,752	-10.2%
	453	15,000	3		3	1,968		1	5,904		5,904	23.76	855	-2.43	21.33	768	-10.2%	1.65	4.79	2.77	12.12	21.33	768	-10.2%
	453	20,000	424		424	1,968		192	834,432		834,432	25.65	130,507	-2.63	23.02	117,148	-10.2%	1.65	4.79	2.77	13.81	23.02	117,148	-10.2%
	1,082	56,000	136		136	4,701		147	639,336		639,336	40.77	66,537	-4.17	36.60	59,726	-10.2%	1.65	11.44	2.77	20.73	36.60	59,726	-10.2%
Fluorescent	330	20,000	2		2	1,433		1	2,866		2,866	\$34.79	\$ 835	-3.56	\$31.23	\$ 749	-10.2%	\$1.65	\$3.49	\$2.77	\$23.32	\$31.23	\$ 749	-10.2%
HPS in Mercury Luminaires	180	12,000	8		8	784		1	6,272		6,272	\$21.77	\$ 2,090	-2.23	\$19.54	\$ 1,876	-10.2%	\$1.65	\$1.90	\$2.77	\$13.22	\$19.54	\$ 1,876	-10.2%
	413	34,200	5		5	1,794		2	8,970		8,970	27.87	1,672	-2.85	25.02	1,501	-10.2%	1.65	4.37	2.77	16.23	25.02	1,501	-10.2%
Total OL			17,695	25	17,720			3,947	17,110,234	20,232	17,130,466	\$ 4,508,950			\$ 4,047,414	-10.2%						\$ 4,047,414	-10.2%	

Calculation of Current Installed Cost of LED Street Lighting Equipment

LED Equipment Calculation						
	28 Watts	36 Watts	51 Watts	92 Watts	142 Watts	220 Watts
LABOR COST						
Hours						
Work Tasks	1.41	1.41	1.41	1.41	1.41	1.41
Setup/Span	0.53	0.53	0.53	0.53	0.53	0.53
Travel	0.36	0.36	0.36	0.36	0.36	0.36
Total	2.30	2.30	2.30	2.30	2.30	2.30
Labor Cost (Unloaded)	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30
Labor Loaders						
Non-Productive	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03
Labor	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14
Direct Engineering	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44
Total	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61
Total Labor Cost	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91
EQUIPMENT COST						
Hours	1.15	1.15	1.15	1.15	1.15	1.15
Rate	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40
Total Equipment Cost	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31
MATERIAL COST						
(From Materials Tab)	\$ 288.86	\$ 279.65	\$ 279.65	\$ 328.99	\$ 383.69	\$ 579.55
Material Loader	13.25%	13.25%	13.25%	13.25%	13.25%	13.25%
Total Material Cost	\$ 327.13	\$ 316.70	\$ 316.70	\$ 372.58	\$ 434.53	\$ 656.33
OTHER LOADERS						
Eng. & Sup.	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19
Small Tool	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43
AS&E	\$ 2.73	\$ 2.67	\$ 2.67	\$ 2.95	\$ 3.26	\$ 4.37
Total Other Cost	\$ 85.34	\$ 85.29	\$ 85.29	\$ 85.57	\$ 85.88	\$ 86.99
Total Installed Cost	\$ 630.70	\$ 620.22	\$ 620.22	\$ 676.38	\$ 738.64	\$ 961.55
Annual Carrying Charge	12.73%	12.73%	12.73%	12.73%	12.73%	12.73%
Per Month Charge	\$ 6.69	\$ 6.58	\$ 6.58	\$ 7.18	\$ 7.84	\$ 10.20

Attachment EAD-9 (Perm)
CUSTOMER BILL COMPARISONS

Typical Bills by Rate Schedule

Residential Service - Rate R

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 32.43	\$ 33.34	\$ 0.91	2.80%
200	50.97	52.79	1.82	3.57%
250	60.24	62.51	2.27	3.77%
300	69.51	72.24	2.73	3.92%
400	88.05	91.69	3.64	4.13%
500	106.59	111.14	4.55	4.26%
600	125.13	130.58	5.45	4.36%
700	143.67	150.03	6.36	4.43%
750	152.94	159.76	6.82	4.46%
1,000	199.29	208.38	9.09	4.56%
1,500	291.99	305.63	13.64	4.67%
2,000	384.69	402.87	18.18	4.73%
2,500	477.39	500.12	22.73	4.76%
3,000	570.09	597.36	27.27	4.78%
5,000	940.89	986.34	45.45	4.83%
7,500	1404.39	1472.57	68.18	4.85%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 13.89	\$ 13.89	\$ -
Distribution Charge per kWh	0.04532	0.05441	0.00909
Transmission Charge per kWh	0.02039	0.02039	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.01398	0.01398	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Service - Uncontrolled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 20.66	\$ 21.31	\$ 0.65	3.16%
200	36.43	37.73	1.31	3.59%
300	52.20	54.16	1.96	3.75%
400	67.97	70.58	2.61	3.84%
500	83.74	87.00	3.27	3.90%
600	99.50	103.42	3.92	3.94%
700	115.27	119.84	4.57	3.97%
800	131.04	136.27	5.22	3.99%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 4.89	\$ 4.89	\$ -
Distribution Charge per kWh	0.02222	0.02875	0.00653
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.01398	0.01398	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Service - Controlled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 21.73	\$ 19.36	\$ (2.36)	-10.88%
200	34.83	33.84	(1.00)	-2.86%
300	47.94	48.31	0.37	0.77%
400	61.05	62.79	1.74	2.85%
500	74.16	77.26	3.11	4.19%
600	87.26	91.73	4.47	5.12%
700	100.37	106.21	5.84	5.82%
800	113.48	120.68	7.21	6.35%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 8.62	\$ 4.89	\$ (3.73)
Distribution Charge per kWh	0.00131	0.01498	0.01367
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00827	0.00827	-
System Benefits Charge	0.00586	0.00586	-

Typical Bills by Rate Schedule

Residential Service - Optional Time of Day

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 51.03	\$ 51.94	\$ 0.91	1.78%
200	69.80	71.62	1.82	2.60%
250	79.19	81.46	2.27	2.87%
300	88.58	91.31	2.73	3.08%
400	107.36	110.99	3.64	3.39%
500	126.13	130.68	4.54	3.60%
750	173.08	179.89	6.82	3.94%
1,000	220.02	229.11	9.09	4.13%
1,500	313.90	327.54	13.64	4.34%
2,000	407.79	425.97	18.18	4.46%
2,500	501.67	524.40	22.73	4.53%
3,000	595.56	622.83	27.27	4.58%
5,000	971.10	1,016.55	45.45	4.68%
7,500	1,440.52	1,508.69	68.18	4.73%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 32.25	\$ 32.25	\$ -
<u>Energy Charge On Peak kWh</u>			
Distribution	\$ 0.14485	\$ 0.15394	\$ 0.00909
Transmission	0.02039	0.02039	-
Stranded Cost Recovery Charge	0.01208	0.01208	-
System Benefits Charge	0.00586	0.00586	-
<u>Energy Service Charge</u>	0.09985	0.09985	-
Total per On Peak kWh	0.28303	0.29212	0.00909
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$ 0.00211	\$ 0.01120	\$ 0.00909
Transmission	0.01331	0.01331	-
Stranded Cost Recovery Charge	0.01208	0.01208	-
System Benefits Charge	0.00586	0.00586	-
<u>Energy Service Charge</u>	0.09985	0.09985	-
Total per Off Peak kWh	0.13321	0.14230	0.00909
% Sales On Peak	36%	36%	
% Sales Off Peak	64%	64%	

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Load Control Service - Radio Controlled

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 23.08	\$ 24.43	\$ 1.35	5.84%
200	36.18	37.55	1.37	3.78%
300	49.29	50.68	1.38	2.81%
400	62.40	63.80	1.40	2.25%
500	75.51	76.93	1.42	1.88%
600	88.61	90.05	1.44	1.62%
700	101.72	103.18	1.46	1.43%
800	114.83	116.30	1.47	1.28%
900	127.93	129.43	1.49	1.17%
1,000	141.04	142.55	1.51	1.07%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 9.97	\$ 11.30	\$ 1.33
Distribution Charge per kWh	0.00131	0.00149	0.00018
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00827	0.00827	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Load Control Service - 8 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 23.08	\$ 19.36	\$ (3.71)	-16.09%
200	36.18	33.84	(2.35)	-6.48%
300	49.29	48.31	(0.98)	-1.99%
400	62.40	62.79	0.39	0.62%
500	75.51	77.26	1.76	2.32%
600	88.61	91.73	3.12	3.52%
700	101.72	106.21	4.49	4.41%
800	114.83	120.68	5.86	5.10%
900	127.93	135.16	7.22	5.65%
1,000	141.04	149.63	8.59	6.09%
1,200	167.25	178.58	11.32	6.77%
1,500	206.58	222.00	15.43	7.47%
1,800	245.90	265.42	19.53	7.94%
2,000	272.11	294.37	22.26	8.18%
2,500	337.65	366.74	29.10	8.62%
3,000	403.18	439.11	35.93	8.91%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 9.97	\$ 4.89	\$ (5.08)
Distribution Charge per kWh	0.00131	0.01498	0.01367
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00827	0.00827	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Load Control Service - 8 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 21.73	\$ 19.36	\$ (2.36)	-10.88%
200	34.83	33.84	(1.00)	-2.86%
300	47.94	48.31	0.37	0.77%
400	61.05	62.79	1.74	2.85%
500	74.16	77.26	3.11	4.19%
600	87.26	91.73	4.47	5.12%
700	100.37	106.21	5.84	5.82%
800	113.48	120.68	7.21	6.35%
900	126.58	135.16	8.57	6.77%
1,000	139.69	149.63	9.94	7.12%
1,200	165.90	178.58	12.67	7.64%
1,500	205.23	222.00	16.78	8.17%
1,800	244.55	265.42	20.88	8.54%
2,000	270.76	294.37	23.61	8.72%
2,500	336.30	366.74	30.45	9.05%
3,000	401.83	439.11	37.28	9.28%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$8.62	\$4.89	(3.73)
Distribution Charge per kWh	\$0.00131	\$0.01498	0.01367
Transmission Charge per kWh	\$0.01578	\$0.01578	-
Energy Service Charge	\$0.09985	\$0.09985	-
Stranded Cost Recovery Charge	\$0.00827	\$0.00827	-
System Benefits Charge	\$0.00586	\$0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Load Control Service - 10/11 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 25.63	\$ 20.74	\$ (4.88)	-19.06%
200	41.28	36.59	(4.69)	-11.36%
300	56.94	52.44	(4.49)	-7.89%
400	72.59	68.29	(4.30)	-5.92%
500	88.25	84.15	(4.10)	-4.65%
600	103.90	100.00	(3.90)	-3.76%
700	119.56	115.85	(3.71)	-3.10%
800	135.21	131.70	(3.51)	-2.60%
900	150.87	147.55	(3.32)	-2.20%
1,000	166.52	163.40	(3.12)	-1.87%
1,200	197.83	195.10	(2.73)	-1.38%
1,500	244.80	242.66	(2.14)	-0.87%
1,800	291.76	290.21	(1.55)	-0.53%
2,000	323.07	321.91	(1.16)	-0.36%
2,500	401.35	401.17	(0.18)	-0.04%
3,000	479.62	480.42	0.80	0.17%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$9.97	\$4.89	(5.08)
Distribution Charge per kWh	\$0.02679	\$0.02875	0.00196
Transmission Charge per kWh	\$0.01578	\$0.01578	-
Energy Service Charge	\$0.09985	\$0.09985	-
Stranded Cost Recovery Charge	\$0.00827	\$0.00827	-
System Benefits Charge	\$0.00586	\$0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Residential Load Control Service - 10/11 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 24.28	\$ 20.74	\$ (3.53)	-14.56%
200	39.93	36.59	(3.34)	-8.36%
300	55.59	52.44	(3.14)	-5.65%
400	71.24	68.29	(2.95)	-4.14%
500	86.90	84.15	(2.75)	-3.16%
600	102.55	100.00	(2.55)	-2.49%
700	118.21	115.85	(2.36)	-1.99%
800	133.86	131.70	(2.16)	-1.62%
900	149.52	147.55	(1.97)	-1.31%
1,000	165.17	163.40	(1.77)	-1.07%
1,200	196.48	195.10	(1.38)	-0.70%
1,500	243.45	242.66	(0.79)	-0.32%
1,800	290.41	290.21	(0.20)	-0.07%
2,000	321.72	321.91	0.19	0.06%
2,500	400.00	401.17	1.17	0.29%
3,000	478.27	480.42	2.15	0.45%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$8.62	\$4.89	(3.73)
Distribution Charge per kWh	\$0.02679	\$0.02875	0.00196
Transmission Charge per kWh	\$0.01578	\$0.01578	-
Energy Service Charge	\$0.09985	\$0.09985	-
Stranded Cost Recovery Charge	\$0.00827	\$0.00827	-
System Benefits Charge	\$0.00586	\$0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service 1 Phase

(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
3	375	\$ 95.75	\$ 97.45	\$ 1.70	1.78%
3	1,000	193.48	195.18	1.70	0.88%
6	750	173.61	176.27	2.66	1.53%
6	1,500	280.48	283.14	2.66	0.95%
12	1,500	375.04	383.46	8.42	2.25%
30	6,000	1,229.91	1,255.61	25.70	2.09%
40	10,000	1,895.23	1,930.53	35.30	1.86%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 16.30	\$ 18.00	\$ 1.70
<u>Demand Charge >5kWh</u>			
Distribution	\$ 9.54	\$ 10.50	\$ 0.96
Transmission	5.26	5.26	-
Stranded Cost Recovery Charge	0.96	0.96	-
Total	\$ 15.76	\$ 16.72	\$ 0.96
<u>Energy Charge < 500kWh</u>			
Distribution	\$ 0.07646	\$ 0.07646	\$ -
Transmission	0.01900	0.01900	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.21186	\$ 0.21186	\$ -
<u>Energy Charge 501 - 1500 kWh</u>			
Distribution	\$ 0.01894	\$ 0.01894	\$ -
Transmission	0.00715	0.00715	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.14249	\$ 0.14249	\$ -
<u>Energy Charge >1500 kWh</u>			
Distribution	\$ 0.00670	\$ 0.00670	\$ -
Transmission	0.00383	0.00383	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.12693	\$ 0.12693	\$ -

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service 3 Phase

(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
3	375	\$ 112.02	\$ 115.45	\$ 3.43	3.06%
3	1,000	209.75	213.18	3.43	1.64%
6	750	189.88	194.27	4.39	2.31%
6	1,500	296.75	301.14	4.39	1.48%
12	1,500	391.31	401.46	10.15	2.59%
30	6,000	1,246.18	1,273.61	27.43	2.20%
40	10,000	1,911.50	1,948.53	37.03	1.94%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 32.57	\$ 36.00	\$ 3.43
<u>Demand Charge >5kWh</u>			
Distribution	\$ 9.54	\$ 10.50	0.96
Transmission	5.26	5.26	-
Stranded Cost Recovery Charge	0.96	0.96	-
Total	\$ 15.76	\$ 16.72	\$ 0.96
<u>Energy Charge < 500kWh</u>			
Distribution	\$ 0.07646	\$ 0.07646	\$ -
Transmission	0.01900	0.01900	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.21186	\$ 0.21186	\$ -
<u>Energy Charge 501 - 1500 kWh</u>			
Distribution	\$ 0.01894	\$ 0.01894	\$ -
Transmission	0.00715	0.00715	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.14249	\$ 0.14249	\$ -
<u>Energy Charge >1500 kWh</u>			
Distribution	\$ 0.00670	\$ 0.00670	\$ -
Transmission	0.00383	0.00383	-
Stranded Cost Recovery Charge	0.01069	0.01069	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total	\$ 0.12693	\$ 0.12693	\$ -

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Uncontrolled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 20.60	\$ 21.25	\$ 0.65	3.17%
200	36.31	37.61	1.31	3.60%
300	52.02	53.98	1.96	3.77%
400	67.73	70.34	2.61	3.86%
500	83.44	86.70	3.27	3.91%
600	99.14	103.06	3.92	3.95%
700	114.85	119.42	4.57	3.98%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 4.89	\$ 4.89	\$ -
Distribution Charge per kWh	0.02222	0.02875	0.00653
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.01338	0.01338	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Controlled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 21.69	\$ 19.33	\$ (2.36)	-10.89%
200	34.76	33.76	(1.00)	-2.87%
300	47.83	48.20	0.37	0.78%
400	60.90	62.64	1.74	2.85%
500	73.97	77.08	3.11	4.20%
600	87.04	91.51	4.47	5.14%
700	100.11	105.95	5.84	5.83%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 8.62	\$ 4.89	\$ (3.73)
Distribution Charge per kWh	0.00131	0.01498	0.01367
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service Load Control Service - Radio Controlled

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 23.04	\$ 24.39	\$ 1.35	5.85%
200	36.11	37.48	1.37	3.78%
300	49.18	50.56	1.38	2.81%
400	62.25	63.65	1.40	2.25%
500	75.32	76.74	1.42	1.89%
600	88.39	89.83	1.44	1.63%
700	101.46	102.92	1.46	1.44%
800	114.53	116.00	1.47	1.29%
900	127.60	129.09	1.49	1.17%
1,000	140.67	142.18	1.51	1.07%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 9.97	\$ 11.30	\$ 1.33
Distribution Charge per kWh	0.00131	0.00149	0.00018
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service Load Control Service - 8 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 23.04	\$ 19.33	\$ (3.71)	-16.12%
200	36.11	33.76	(2.35)	-6.50%
300	49.18	48.20	(0.98)	-1.99%
400	62.25	62.64	0.39	0.62%
500	75.32	77.08	1.76	2.33%
600	88.39	91.51	3.12	3.53%
700	101.46	105.95	4.49	4.42%
800	114.53	120.39	5.86	5.11%
900	127.60	134.82	7.22	5.66%
1,000	140.67	149.26	8.59	6.11%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 9.97	\$ 4.89	\$ (5.08)
Distribution Charge per kWh	0.00131	0.01498	0.01367
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service Load Control Service - 8 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 21.69	\$ 19.33	\$ (2.36)	-10.89%
200	34.76	33.76	(1.00)	-2.87%
300	47.83	48.20	0.37	0.78%
400	60.90	62.64	1.74	2.85%
500	73.97	77.08	3.11	4.20%
600	87.04	91.51	4.47	5.14%
700	100.11	105.95	5.84	5.83%
800	113.18	120.39	7.21	6.37%
900	126.25	134.82	8.57	6.79%
1,000	139.32	149.26	9.94	7.13%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 8.62	\$ 4.89	\$ (3.73)
Distribution Charge per kWh	0.00131	0.01498	0.01367
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service Load Control Service - 10/11 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 25.59	\$ 20.70	\$ (4.88)	-19.09%
200	41.21	36.52	(4.69)	-11.38%
300	56.82	52.33	(4.49)	-7.91%
400	72.44	68.15	(4.30)	-5.93%
500	88.06	83.96	(4.10)	-4.66%
600	103.68	99.77	(3.90)	-3.77%
700	119.30	115.59	(3.71)	-3.11%
800	134.91	131.40	(3.51)	-2.60%
900	150.53	147.22	(3.32)	-2.20%
1,000	166.15	163.03	(3.12)	-1.88%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 9.97	\$ 4.89	\$ (5.08)
Distribution Charge per kWh	0.02679	0.02875	0.00196
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service Load Control Service - 10/11 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 24.24	\$ 20.70	\$ (3.53)	-14.58%
200	39.86	36.52	(3.34)	-8.38%
300	55.47	52.33	(3.14)	-5.66%
400	71.09	68.15	(2.95)	-4.14%
500	86.71	83.96	(2.75)	-3.17%
600	102.33	99.77	(2.55)	-2.50%
700	117.95	115.59	(2.36)	-2.00%
800	133.56	131.40	(2.16)	-1.62%
900	149.18	147.22	(1.97)	-1.32%
1,000	164.80	163.03	(1.77)	-1.07%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 8.62	\$ 4.89	\$ (3.73)
Distribution Charge per kWh	0.02679	0.02875	0.00196
Transmission Charge per kWh	0.01578	0.01578	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Optional Time of Day
Single Phase

(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KW)	MONTHLY USE (kWh)	ON-PEAK USE (kWh)	OFF-PEAK USE (kWh)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				TEMPORARY	PROPOSED	AMOUNT	PERCENT
12	1,500	600	900	\$ 459.38	\$ 470.90	\$ 11.52	2.51%
12	1,500	900	600	472.95	484.47	11.52	2.44%
12	3,000	1,200	1,800	669.55	681.07	11.52	1.72%
12	3,000	1,800	1,200	696.68	708.20	11.52	1.65%
30	4,500	1,800	2,700	1,190.21	1,219.01	28.80	2.42%
30	4,500	2,700	1,800	1,230.92	1,259.72	28.80	2.34%
30	9,000	3,600	5,400	1,820.72	1,849.52	28.80	1.58%
30	9,000	5,400	3,600	1,902.13	1,930.93	28.80	1.51%
50	7,500	3,000	4,500	1,955.55	2,003.55	48.00	2.45%
50	7,500	4,500	3,000	2,023.40	2,071.40	48.00	2.37%
50	15,000	6,000	9,000	3,006.39	3,054.39	48.00	1.60%
50	15,000	9,000	6,000	3,142.08	3,190.08	48.00	1.53%
75	11,250	4,500	6,750	2,912.22	2,984.22	72.00	2.47%
75	11,250	6,750	4,500	3,013.99	3,085.99	72.00	2.39%
75	22,500	9,000	13,500	4,488.48	4,560.48	72.00	1.60%
75	22,500	13,500	9,000	4,692.02	4,764.02	72.00	1.53%

	Temporary Rate	Proposed Rate	Difference
Customer Charge - Single Phase	\$ 42.21	\$ 42.21	\$ -
<u>Demand Charges</u>			
Distribution	\$ 13.30	\$ 14.26	\$ 0.96
Transmission	3.47	3.47	-
Stranded Cost Recovery	0.48	0.48	-
Total Demand Charge	17.25	18.21	0.96
<u>Energy Charge On Peak kWh</u>			
Distribution	\$ 0.05364	\$ 0.05364	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total per On Peak kWh	0.16725	0.16725	-
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$ 0.00841	\$ 0.00841	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total per Off Peak kWh	0.12202	0.12202	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Optional Time of Day
Three Phase

(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KW)	MONTHLY USE (kWh)	ON-PEAK USE (kWh)	OFF-PEAK USE (kWh)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				TEMPORARY	PROPOSED	AMOUNT	PERCENT
12	1,500	600	900	\$ 477.49	\$ 489.01	\$ 11.52	2.41%
12	1,500	900	600	491.06	502.58	11.52	2.35%
12	3,000	1,200	1,800	687.66	699.18	11.52	1.68%
12	3,000	1,800	1,200	714.79	726.31	11.52	1.61%
30	4,500	1,800	2,700	1,208.32	1,237.12	28.80	2.38%
30	4,500	2,700	1,800	1,249.03	1,277.83	28.80	2.31%
30	9,000	3,600	5,400	1,838.83	1,867.63	28.80	1.57%
30	9,000	5,400	3,600	1,920.24	1,949.04	28.80	1.50%
50	7,500	3,000	4,500	1,973.66	2,021.66	48.00	2.43%
50	7,500	4,500	3,000	2,041.51	2,089.51	48.00	2.35%
50	15,000	6,000	9,000	3,024.50	3,072.50	48.00	1.59%
50	15,000	9,000	6,000	3,160.19	3,208.19	48.00	1.52%
75	11,250	4,500	6,750	2,930.33	3,002.33	72.00	2.46%
75	11,250	6,750	4,500	3,032.10	3,104.10	72.00	2.37%
75	22,500	9,000	13,500	4,506.59	4,578.59	72.00	1.60%
75	22,500	13,500	9,000	4,710.13	4,782.13	72.00	1.53%

	Temporary Rate	Proposed Rate	Difference
Customer Charge - Three Phase	\$ 60.32	\$ 60.32	\$ -
<u>Demand Charges</u>			
Distribution	\$ 13.30	\$ 14.26	\$ 0.96
Transmission	3.47	3.47	-
Stranded Cost Recovery	0.48	0.48	-
Total Demand Charge	17.25	18.21	0.96
<u>Energy Charge On Peak kWh</u>			
Distribution	\$ 0.05364	\$ 0.05364	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total per On Peak kWh	0.16725	0.16725	-
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$ 0.00841	\$ 0.00841	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00790	0.00790	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.09985	0.09985	-
Total per Off Peak kWh	0.12202	0.12202	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Space Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	TEMPORARY	PROPOSED	AMOUNT	PERCENT
100	\$ 21.15	\$ 21.44	\$ 0.29	1.39%
200	39.03	39.62	0.59	1.50%
300	56.92	57.80	0.88	1.54%
400	74.81	75.98	1.17	1.57%
500	92.70	94.16	1.46	1.58%
600	110.58	112.34	1.76	1.59%
700	128.47	130.52	2.05	1.60%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 3.26	\$ 3.26	\$ -
Distribution Charge per kWh	0.03750	0.04043	0.00293
Transmission Charge per kWh	0.01900	0.01900	-
Energy Service Charge	0.09985	0.09985	-
Stranded Cost Recovery Charge	0.01666	0.01666	-
System Benefits Charge	0.00586	0.00586	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Rate GV					
(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND	MONTHLY USE	TEMPORARY	PROPOSED	AMOUNT	PERCENT
(KW)	(KWH)				
75	15,000	\$ 3,409.00	\$ 3,466.05	\$ 57.05	1.67%
75	30,000	5,557.15	5,614.20	57.05	1.03%
150	30,000	6,592.15	6,691.95	99.80	1.51%
150	60,000	10,888.45	10,988.25	99.80	0.92%
300	60,000	12,944.95	13,130.25	185.30	1.43%
300	120,000	21,537.55	21,722.85	185.30	0.86%
500	100,000	21,415.35	21,714.65	299.30	1.40%
500	200,000	35,736.35	36,035.65	299.30	0.84%
1,000	200,000	42,591.35	43,175.65	584.30	1.37%
1,000	400,000	71,021.35	71,605.65	584.30	0.82%

	Temporary Rate	Proposed Rate	Difference
Customer Charge	\$ 212.35	\$ 226.65	\$ 14.30
<u>Demand 1-100 kW</u>			
Distribution	\$ 6.11	\$ 6.68	\$ 0.57
Transmission	7.04	7.04	-
Stranded Cost Recovery Charge	0.83	0.83	-
Total	\$ 13.98	\$ 14.55	\$ 0.57
<u>Demand > 100 kW</u>			
Distribution	\$ 5.84	\$ 6.41	\$ 0.57
Transmission	7.04	7.04	-
Stranded Cost Recovery Charge	0.83	0.83	-
Total	\$ 13.71	\$ 14.28	\$ 0.57
<u>Energy Charge 1 - 200,000 kWh</u>			
Distribution	\$ 0.00663	\$ 0.00663	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00850	0.00850	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.12222	0.12222	-
Total	\$ 0.14321	\$ 0.14321	\$ -
<u>Energy Charge >200,000 kWh</u>			
Distribution	\$ 0.00557	\$ 0.00557	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00850	0.00850	-
System Benefits Charge	0.00586	0.00586	-
Energy Service Charge	0.12222	0.12222	-
Total	\$ 0.14215	\$ 0.14215	\$ -

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Rate LG							
(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KVA)	MONTHLY USE (KWH)	ON-PEAK USE (KWH)	OFF-PEAK USE (KWH)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				TEMPORARY	PROPOSED	AMOUNT	PERCENT
3,000	300,000	120,000	180,000	\$ 78,505.94	\$ 80,452.08	\$ 1,946.14	2.48%
3,000	600,000	240,000	360,000	119,058.14	121,004.28	1,946.14	1.63%
3,000	900,000	360,000	540,000	159,610.34	161,556.48	1,946.14	1.22%
3,000	1,200,000	480,000	720,000	200,162.54	202,108.68	1,946.14	0.97%
3,000	1,500,000	600,000	900,000	240,714.74	242,660.88	1,946.14	0.81%
3,000	1,800,000	720,000	1,080,000	281,266.94	283,213.08	1,946.14	0.69%
3,000	2,100,000	840,000	1,260,000	321,819.14	323,765.28	1,946.14	0.60%
				Temporary Rate	Proposed Rate	Difference	
Customer Charge				\$ 663.74	\$ 719.88	\$ 56.14	
Demand							
Distribution				\$ 5.20	\$ 5.83	\$ 0.63	
Transmission				6.93	6.93	-	
Stranded Cost Recovery Charge				0.30	0.30	-	
Total				\$ 12.43	\$ 13.06	\$ 0.63	
Energy Charge - On-Peak							
Distribution				\$ 0.00556	\$ 0.00556	\$ -	
Transmission				-	-	-	
Stranded Cost Recovery Charge				0.00256	0.00256	-	
System Benefits Charge				0.00586	0.00586	-	
Energy Service Charge				0.12222	0.12222	-	
Total				\$ 0.13620	\$ 0.13620	\$ -	
Energy Charge - Off-Peak							
Distribution				\$ 0.00470	\$ 0.00470	\$ -	
Transmission				-	-	-	
Stranded Cost Recovery Charge				0.00171	0.00171	-	
System Benefits Charge				0.00586	0.00586	-	
Energy Service Charge				0.12222	0.12222	-	
Total				\$ 0.13449	\$ 0.13449	\$ -	

Note: Immaterial differences due to rounding.

Biographical Information for Edward A. Davis

Edward A. Davis joined Northeast Utilities in 1979 and has held staff and field positions with responsibilities in the areas of consumer economics, engineering, operations, wholesale and retail marketing, and rate design, regulation and administration.

Mr. Davis has extensive experience and has testified for Northeast Utilities, now Eversource Energy on behalf of its affiliates before state regulatory commissions in rate-related matters in Connecticut, Massachusetts and New Hampshire. He has also provided rates and regulatory support and represented the Company and its affiliates in a number of rate-related proceedings, and in tariff and contract matters before the Federal Energy Regulatory Commission. In his current position, Mr. Davis is Director of Rates and is responsible for activities related to rate design, cost of service and rates administration for all electric and gas subsidiaries of Eversource Energy.

Mr. Davis graduated from the University of Hartford with a Bachelor of Science degree in Electrical Engineering in 1988 and from the University of Connecticut with a Master of Business Administration degree in 1997.