

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.

26. Relocation of Equipment on Private Property

Lines, poles and transformer stations on private property are usually situated in locations that were the result of negotiations and mutual agreement with the property owner. When the equipment is Company-owned and is used to supply more than one customer, permanent easements or other rights of way satisfactory to the Company should be obtained.

27. Relocation of Company-Owned Equipment

Subsequent changes in the location of Company-owned facilities on private property will in general be made by the Company at the Customer's expense. Line Extension Policy 3 – Individual C&I Customer provides direction for the calculation of the Customer's expense associated with relocation of Company-owned equipment.

The Company, however, will assume the expense of the relocation if the following conditions exist:

1. The relocation is for the Company's convenience, or
2. The relocation is necessary owing to the expansion of the Customer's operations and the expense is justified by the increased annual revenue.

The preceding should not be construed to apply to a situation where the existing location is adequate to handle the expanded operations or where the relocation is requested solely for the Customer's convenience. In any such instance the relocation will be at the Customer's expense even though increased revenue will result from the expanded operations.

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

30. 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.

31. Conjunctional Service

Conjunctional Service is a Customer's use of Delivery Service under this Tariff for delivery of either Supplier Service or Energy 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 Specifications for Electrical Installations booklet 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.

32. 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

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James M. Sweeney

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Title: President

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.

33. Statement by Agent

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

34. 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.

35. Charges for Temporary Services

The Company will 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. The charges are only applicable to temporary services that are not made permanent.

36. Stranded Cost Adjustment Factor

The Stranded Cost Adjustment Factor (SCAF) will recover, on a fully reconciling basis, the costs incurred by the Company for costs associated with the Contract Termination Charge from New England Power Company to Granite State Electric Company including fixed and variable components made effective pursuant to the Settlements of New England Power Company's ("NEP") all-requirements contracts with Granite State Electric Company ("Granite State"). This factor shall be recovered by all customers taking delivery service.

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Title: James M. Sweeney
 President

38. Reliability Enhancement Program Capital Investment Allowance

Distribution base rates are subject to adjustment on an annual basis for a Reliability Enhancement Program Capital Investment Allowance pursuant to the Settlement Agreement in Docket DE 13-063.

39. Transmission Service Cost Adjustment

The Transmission Service Cost Adjustment (“TSCA”) will recover, on a fully reconciling basis, the costs incurred by the Company for transmission related services. These costs include charges billed to the Company by Other Transmission Providers; third party charges billed to the Company for transmission related 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 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 TSCA rates shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any over recovery or under recovery occurring in the prior year. The Company may file to change the TSCA rates 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 determined under the TSCA 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.

40. Electricity Consumption Tax Charge

All Customers shall be obligated to pay the Electricity Consumption Tax Charge in accordance with New Hampshire Statute RSA Chapter 83-E, which may be revised from time to time, in addition to all other applicable rates and charges under this Tariff. The Electricity Consumption Tax Charge shall appear separately on all Customer bills. Any discounts provided for under a Special Contract shall not apply to the Electricity Consumption Tax Charge.

41. System Benefits Charge

All customers taking delivery service shall pay the System Benefits Charge as required by New Hampshire law and approved by the Commission. The System Benefits Charge shall recover the

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Title: President

cost of the Company's (i) Electric Assistance Program and (ii) energy efficiency core programs and any other such energy efficiency programs, as approved by the Commission.

The Company shall implement its Electric Assistance Program as approved by the Commission from time to time. The System Benefits Charge will fund the Company's Electric Assistance Program and such other system benefits as are required by law or approved by the Commission.

The Company will reconcile on an annual basis actual costs incurred of the Electric Assistance Program, including development, implementation, and ongoing administrative and maintenance costs against the actual amounts charged to customers through the portion of the System Benefits Charge attributable to the Electric Assistance Program, set at a level of 0.150¢ per kilowatt-hour in accordance with RSA 374-F:4, VIII (c), and shall be in addition to the portion of the System Benefits Charge relating to the Company's energy efficiency core programs stated below.

The Company shall implement its energy efficiency core programs as approved by the Commission from time to time. The Company's cost of implementing the energy efficiency core programs shall be recovered through the portion of the System Benefits Charge attributable to such programs, set at a level of 0.275¢ per kilowatt-hour in accordance with 2001 N.H. Laws 29:14, which shall be in addition to the portion of the System Benefits Charge relating to the Company's low income customer protection programs stated above. Any difference between the actual energy efficiency funds expended and the funds collected through the System Benefits Charge at 0.180¢ per kilowatt-hour during a calendar year shall, with interest calculated at the average prime rate for each month, be added to or subtracted from the amount to be expended in the following calendar year. If actual amounts are not available for any period, they shall be estimated for purposes of the above calculations and adjusted the following year based on actual data.

The Company shall implement its lost revenue mechanism as approved by the Commission in accordance with Order No. 25,932 in Docket No. DE 15-137 Energy Efficiency Resource Standard, set at a level of 0.457¢. The lost revenue portion of the System Benefits Charge shall be established annually based on a forecast of lost revenue for the prospective year. Any difference between the actual lost revenue and the amount of lost revenue recovered through the System Benefits Charge shall be refunded or recouped with interest during the succeeding year.

Any adjustment of the System Benefits Charge shall be in accordance with a notice filed with the Commission setting forth the amount of the increase or decrease, and the new System Benefits Charge amount. The notice shall further specify the effective date of such adjustment, which shall not be earlier than thirty days after the filing of the notice, or such other date as the Commission may authorize.

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Issued by: /s/ Susan L. Fleck

Effective: January 1, 2018

Title: Susan L. Fleck
 President

System Benefits Charge

Electric Assistance Program (EAP)	0.150¢
Energy Efficiency Programs	0.275¢
Lost Revenue Mechanism	<u>0.032¢</u>
Total System Benefit Charge	0.457¢

42. 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 D, Residential Time-of-Day Rate D-10, OR General Service Rate G-3, may elect to pay for all service rendered under these rates, as well as Energy Service Rate ES, on a Levelized Payment Plan available upon application to the Company.

For Customers rendered Delivery Service under General Service Rate G-3, General Long Hour Service Rate G-2 or General Service Time-of-Use Rate G-1, 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.

The late payment charge is not applicable to Customers taking service under Rate D and Rate D-10, or past due balances of General Service Rate G-3 or Outdoor Lighting Rate M Customers who are abiding by the terms of an extended payment arrangement agreed to by the Company.

43. Provisions for Billing Charges Associated with Meter Diversions and Damage to Company Equipment in Connection Therewith

In case of loss or damage to the Company's property on a Customer's premises the Customer shall pay to the Company the value of the property or the cost of making good the loss or damage.

In those cases where, as a result of or in connection with diversion of electricity supplied by the Company to the Customer's premises, whether such diversion is carried out by bypassing the meter or other measuring device or by other means, the Company incurs expense for labor and/or materials, the Customer responsible therefore will be charged the costs incurred by the Company for such labor and materials. The costs so chargeable may include, but are not limited to, the cost of investigating the diversion and the miscellaneous charges for service associated therewith, the cost of supplying and installing an exchange meter, the cost of furnishing and installing tamper-resistant devices, the cost of testing the meter associated with the diversion and the cost of replacement of a meter which has been damaged.

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Effective: January 1, 2018 Title: Susan L. Fleck
 President

45. Energy Service Adjustment Provision

Energy Service shall be procured by the Company pursuant to a competitive bidding process, and the rates for Energy Service shall be based on short-term market prices and include an estimate of administrative costs associated with the provision of Energy Service.

On an annual basis, the Company shall perform two reconciliations for Energy Service. In the first reconciliation, the Company shall reconcile its power supply cost of providing Energy Service with its Energy Service revenue associated with the recovery of power supply costs, and the excess or deficiency, including interest at the interest rate paid on customer deposits, shall be returned to, or recovered from, all Energy Service customers over the following 12 months through the Energy Service Adjustment Factor. In the second reconciliation, the Company shall reconcile its administrative cost of providing Energy Service with its Energy Service revenue associated with the recovery of administrative costs, and the excess or deficiency, including interest at the interest rate paid on customer deposits, shall be reflected in the subsequent year's Energy Service Cost Reclassification Adjustment Factor pursuant to the Energy Service Cost Reclassification Adjustment Provision. The Company may file to change the Energy Service Adjustment Factor at any time should significant over- or under- recoveries of Energy Service costs occur. For purposes of this reconciliation, Energy Service revenue shall mean all revenue collected from Energy Service customers through the Energy Service rate for the applicable 12 month reconciliation period together with payments or credits from suppliers for the provision of Energy Service. The power supply cost of providing Energy Service shall mean all payments to suppliers and the Independent System Operator associated with the provision of Energy Service.

Administrative costs of providing Energy Service shall mean all labor and consultant costs in arranging and administering Energy Service, any payments related to the cost of providing contract security, Energy Service-related working capital cost, and Energy Service-related bad debt cost.

Any adjustment to the Energy Service Adjustment Factor under the Company's applicable rates shall be in accordance with a notice filed with the Public Utilities Commission ("Commission") setting forth the amount of the increase or decrease and the new Energy Service Adjustment Factor. The notice shall further specify the effective date of such adjustment, which shall not be earlier than thirty days after the filing of the notice, or such other date as the Commission may authorize.

This provision is applicable to all Retail Delivery Service rates of the Company.

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Effective: May 1, 2017

Title: James M. Sweeney
 President

Large Customer Group G-1 and G-2

iii. Small Customer Group Energy Service Charges

Rate Effective August 1, 2018 – January 31, 2019 per kWh 8.299¢

iv. Large Customer Group Energy Service Charges

	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019
Rate ¢/kWh	5.941¢	6.223¢	7.009¢	7.210¢	9.323¢	11.976¢

v. Switching to a Competitive Supplier or Self-Supply

1. On Next Meter Read Date

The Company will normally switch a Customer to a Competitive Supplier or self-supply upon request of a Customer as of the next Tariffed meter read, provided that notice of the change to a Competitive Supplier or self-supply was received by the Company not less than two business days before that next Tariffed meter read date. There shall be no charge for switching from Energy Service to a Competitive Supplier or self-supply if such a notice is given.

2. Prior to the Next Tariffed Meter Read Date

If switching to a Competitive Supplier or self-supply before the next Tariffed meter read is requested, the Company at its sole discretion and upon agreement by the Customer to pay the applicable fee pursuant to the Off Cycle Meter Read Provision of this Tariff will terminate Energy Service with an un-tariffed meter read.

48. Optional Enhanced Metering Service Provision

Optional Enhanced Metering Service under this provision is available to a Customer receiving metered retail delivery service from the Company. Customers who currently receive unmetered retail delivery service must request metered retail delivery service from the company in accordance with the Company’s terms and conditions. The availability of these services will be subject to the Company’s ability to render such service.

Issued: June 28, 2018 Issued by: /s/ Susan L. Fleck
Effective: August 1, 2018 Title: Susan L. Fleck
President

i. One-Time Request for Interval Data

- | | |
|--|-----------|
| 1. Initial request within a single calendar year | No Charge |
| 2. Subsequent request within the same calendar year single account | \$55.00 |
| 3. Additional delivery service account request per account | \$23.00 |

ii. Subscription Service for Interval Data over the Internet

The Company may offer subscriptions to eligible Customers for access to interval data through an Internet account that is available for the Customer or Supplier's use. The minimum contract length is one year. The availability of this service will be subject to the Company's ability to render such service.

- | | |
|--|----------|
| 1. Single delivery service account, annually | \$309.00 |
| 2. Additional delivery service account request per account, annually | \$277.00 |

iii. Optional Billing and Rate Data Service Provision

Optional Billing and Rate Data Service is available under this provision for a Customer receiving retail delivery service from the Company under any of the rate schedules contained in the Company's retail delivery service tariff.

Any request for Billing and Rate Data Service may be made either by the Customer having the customer of record's authorization to receive data to be released by the Company under Billing and Rate Data Service.

Services Provided – One per Calendar Year with No Fee

1. Usage and Billing kW Data

For Commercial and Industrial Customers, the Company will provide the Customer of record name, rate class, service address, and 13 months of peak and off-peak kW, kWh, and KVA data.

For Residential Customers, the Company will provide the Customer of record name, rate class, service address, and 13 months of total kWh data.

2. Rate Data

Rate summaries and rate schedules included in the Company's tariff are available on the Liberty Utilities website for all other rate schedules. Customers or Suppliers requesting hard copies of summaries or rate schedules will be provided with that information free of charge.

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Title: James M. Sweeney
 President

QFs with a peak generating capacity of 1,000 kW and under may choose to utilize Net Metering as specified in NH RSA 362-A:9 and in PART Puc 900 Net Metering For Customer-Owned Renewable Energy Generation Resources of 1,000 Kilowatts or Less, and/or pursuant to the applicable alternative net energy metering tariff described in vi or vii below.

v. Purchase Options:

QFs not utilizing Net Energy Metering shall have their electric energy output metered and purchased by the Company and then resold into the Real-Time Energy Market administered by ISO New England Inc. (“ISO-NE”). Compensation for such purchases will be equal to the payments received by the Company from ISO-NE less all charges imposed by ISO-NE for such sales. The Company reserves the right to require the QF to pay any administrative or service fees as may be assessed by the Company.

The Company shall not purchase for resale any capacity or other reserve-related products associated with the QF. The Company will not purchase or own any of the generation attributes associated with the QF.

1. Qualifying Facilities (QFs) Utilizing Net Energy Metering with an Existing Allocation as Defined in Docket No. DE 15-271 Prior to March 2, 2017

Customers will be billed and receive credit for their generation in accordance with Puc 903.02(f) and Puc 903.02(g).

2. Qualifying Facilities (QFs) Utilizing Net Energy Metering with an Existing Allocation as Defined in Docket No. DE 15-271 Prior to March 2, 2017

Customers are required to have metering in accordance with Puc 903.02(c).

vi. Net Energy Metering Alternative Tariff Effective March 2, 2017 through August 31, 2017 (“2017 Interim Alternative Tariff”)

1. Qualifying Facilities (QFs) Utilizing Net Energy Metering with an Allocation as Defined in Docket No. DE 15-271 Determined Beginning on March 2, 2017

Customers will be billed and receive credit for their generation in accordance with Puc 903.02(f) and Puc 903.02(g).

2. Qualifying Facilities (QFs) Utilizing Net Energy Metering with an Allocation as Defined in Docket No. DE 15-271 Determined Beginning on March 2, 2017

Issued: July 24, 2017

Issued by: /s/ James M. Sweeney

Effective: September 1, 2017

Title: James M. Sweeney
 President

Customers are required to have metering in accordance with Puc 903.02(c).

3. Terms and Conditions

- a) The 2017 Interim Alternative Tariff is in effect on an interim basis beginning on March 2, 2017 and ending on August 31, 2017 (the Interim Period);
- b) The 2017 Interim Alternative Tariff continues the same terms and conditions of the existing standard tariffs, consistent with RSA 362-A:9 and the Puc 900 rules, subject to the further provisions described in paragraphs 3 and 4 below;
- c) The 2017 Interim Alternative Tariff provides that any eligible customer-generator whose qualifying project falls under the interconnecting utility's allocated share of the 100 megawatt cap set forth in RSA 362-A:9, I, and receives a net metering capacity allocation from the interconnecting utility during the Interim Period, would be subject to the terms and conditions of the 2017 Interim Alternative Tariff until December 31, 2040, notwithstanding any subsequent revision, modification, adoption, approval, revocation, or repeal of any applicable net metering tariff or other alternative regulatory mechanism applicable to eligible customer-generators; and
- d) The 2017 Interim Alternative Tariff provides that, if any utility reaches the applicable cap for net metering as set forth in RSA 362-A:9, I prior to or during the Interim Period, eligible customer-generators whose projects are above that cap would be able to continue to interconnect during the Interim Period subject to the 2017 Interim Alternative Tariff, except that such customer-generators will transition to the Alternative Net Metering Tariff described below as of September 1, 2017.

vii. Net Energy Metering Tariff Effective Beginning on September 1, 2017 in Accordance with Order No. 26,029 Dated June 23, 2017 ("Alternative Net Metering Tariff")

1. Eligibility

Customer-generators with installations of 100 kW (AC) or less are eligible to participate in net energy metering as a small customer-generator.

Customer-generators with installations of more than 100 kW (AC) are eligible to participate in net energy metering as a large customer-generator if they consume at least twenty percent (20%) of their installation's production on-site and behind-the-meter. If the on-site consumption of the customer-generator is less than 20% of the installation's production, the customer will have to be registered as a group host under RSA 362-A:9, XIV. Large customer-generators that meet the 20% on-site consumption threshold have the right to switch to the Alternative Net Metering Tariff by providing written notice of such election to the Company.

2. Metering

Issued: July 24, 2017 Issued by: /s/ James M. Sweeney
Effective: September 1, 2017 Title: James M. Sweeney
 President

Each customer-generator will be required to have a bidirectional net meter installed and owned by the Company at no cost to the customer. Each customer-generator will have the option to have a production meter installed and owned by the Company at no cost to the customer.

3. Billing

Customer-generators with installations of 100 kW (AC) or less will be billed for the net electricity imported during each billing period under the same rate schedule that the customer would be billed if it had no generation, except that the System Benefits Charge, Electricity Consumption Tax, and Storm Recovery Adjustment Factor will be billed on the full amount of electricity imported by the customer during each billing period.

Customer-generators with installations of 100 kW (AC) or less will be credited over subsequent billing periods for the net surplus electricity exported into the distribution system during each billing period for Energy Service, Transmission, and twenty-five percent (25%) of the Distribution rate under the same rate schedule. No credit will be applicable for the System Benefits Charge, Electricity Consumption Tax, and Storm Recovery Adjustment Factor.

Customer-generators with installations over 100 kW (AC) will be billed under the same rate schedule that the customer would be billed if it had no generation.

Customers with installations over 100 kW (AC) will be credited over subsequent billing periods for surplus electricity exported into the distribution system for Energy Service. No credit will be applied for any other retail delivery rates.

Small customer-generators will receive a monetary credit over subsequent billing periods for the net surplus electricity exported into the distribution system and will not accumulate surplus kWh following each applicable billing period. Large customer-generators will receive a monetary credit over subsequent billing periods for surplus electricity exported into the distribution system and will not accumulate surplus kWh following each applicable billing period.

For customer-generators taking energy service from a Competitive Supplier, the Competitive Supplier may determine the terms, conditions, and prices under which it agrees to provide generation supply to and purchase net generation output from the customer-generators. The Customer will not receive monetary credit over subsequent billing periods for net surplus electricity from the Company for supply. If net energy usage is less than zero, [small customer-generators] 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.

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Issued by: /s/ James M. Sweeney

Effective: September 1, 2017

Title: James M. Sweeney
 President

Customer-generators with a monetary credit balance exceeding \$100 as of March 31 of each year shall have the option to receive a cash payment for the monetary credit balance. Customer-generators with a monetary credit balance of any amount who or which move or discontinue service shall receive a cash payment for the full amount of their monetary credit balance.

4. Renewable Energy Certificates

The Company will serve as the independent monitor for customer-generators who elect to receive a Company-owned production meter. The Company will report the electricity production of such customer-generators at least quarterly to NEPOOL-GIS, at no cost to the customer. The Company will file an application on behalf of such customer-generators for Commission certification of the eligibility of their installations to produce renewable energy certificates pursuant to RSA 362-F and the Commission’s Puc 2500 rules.

5. Applicable Period of Alternative Net Metering Tariff

Any customer-generator whose installation receives a net metering capacity allocation from the Company on or after September 1, 2017, and any customer-generator with an installation or capacity allocation above the Company’s share of the net metering cap under RSA 362-A:9, I prior to or during the Interim Period, will be entitled to be net-metered pursuant to the Alternative Net Metering Tariff until December 31, 2040, notwithstanding any subsequent revision, modification, adoption, approval, revocation, or repeal of any applicable net metering tariff or other alternative regulatory mechanism applicable to customer-generators.

viii. Customers Taking Service Under Rate G-1 and Participating in Net Energy Metering Under the Standard Tariff or the 2017 Interim Alternative Tariff

For customer-generators participating in net energy metering under Puc 900 taking service under schedule Rate G-1, kWh exported during on-peak hours will be banked at the on-peak period, and kWh exported during off-peak hours will be banked at the off-peak period. In the months where the customer’s banked kWh is applied to their bill, the kWh banked at the on-peak period will be applied to the amount charged for the on-peak period in that billing month, and the same method will be used for the off-peak period.

ix. Customers Taking Service Under Rate G-1 and Participating in Net Energy Metering Under the Alternative Net Metering Tariff

For customer-generators participating in net energy metering under the Alternative Net Metering Tariff and taking service under schedule Rate G-1, net surplus kWh exported during on-peak hours will be credited at the on-peak rate, and net surplus kWh exported during off-peak hours will be credited at the off-peak rate for subsequent billing periods.

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Effective:	September 1, 2017	Title:	<u> James M. Sweeney </u> <u> President </u>

x. Notification to the Company:

Any QF that plans to sell its electric output to the Company from a facility sized up to 100 kVA or 100 kW must comply with the Company's interconnection requirements as set forth in Granite State Interconnection Standards Provisions For Inverters Sized Up To 100 kVA as found in this Tariff.

For all other QFs, the Company must be notified in writing at least 120 days prior to interconnecting the QF with the Company's facilities. Such notification shall, at a minimum, include the following information:

- a) The name, address and contact information of the applicant and location of the QF.
- b) A brief description of the QF, including a statement indicating whether such facility is a small power production facility or a cogeneration facility.
- c) The primary energy source used or to be used by the QF.
- d) The power production capacity of the QF and the maximum net energy to be delivered to the utility's facilities at any clock hour.
- e) The owners of the QF including the percentage of ownership by any electric utility or by any public utility holding company, or by any entity owned by either.
- f) The expected date of installation and the anticipated on-line date.
- g) The anticipated method of delivering power to the Company.
- h) A description of any power conditioning equipment to be located between the QF and the Company's system.
- i) A description of the type of generator used in the installation of the QF (synchronous, induction, photovoltaic, etc.).

Such notification shall be sent to:

Director of Engineering
Distribution Engineering Department
Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
15 Buttrick Road
Londonderry, NH 03053

The Company will respond to the notification within 30 days and either request additional information regarding the QF or provide site specific interconnection requirements. The Company and the QF shall execute the standard purchase power agreement setting forth the terms of the sale, a form of which is attached in Schedule A of this tariff.

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

xi. 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 existing capacity, 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, regardless of any on-site load changes, or (2) 110 percent of the customer-generator's annual load, 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.

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.

Such notification shall be sent to:

Director of Engineering
Distribution Engineering Department
Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
15 Buttrick Road
Londonderry, NH 03053

Issued: October 13, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck

Effective: September 1, 2017

Title: President

Schedule A

Qualifying Facility Purchase Power Agreement

The Agreement is between _____, a Qualifying Facility (“QF”) and Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities (the “Company”) for electric energy purchases by the Company from the QF’s facility located in _____, New Hampshire.

Agreement to Purchase

Effective _____, the Company agrees to purchase electricity from the QF and the QF agrees to sell electricity to the Company under the terms and conditions of the Company’s tariff for Energy Transactions with Qualifying Facilities as currently in effect or amended by the Company in the Company’s sole discretion and as approved by the New Hampshire Public Utilities Commission. The QF agrees to comply with the terms and conditions of section 31 Purchases from Qualifying Facilities of this tariff and associated policies of the Company that are on file with the New Hampshire Public Utilities Commission as currently in effect or as modified, amended, or revised by the Company and to pay any metering and interconnection costs required under such tariff and policies.

Payments for Energy

QFs not utilizing Net Energy Metering shall have their electric energy output metered and purchased by the Company and then resold into the Real-Time Energy Market administered by ISO New England Inc. (“ISO-NE”). Compensation for such purchases will be equal to the payments received by the Company from ISO-NE less all charges imposed by ISO-NE for such sales. The Company reserves the right to require the QF to pay any administrative or service fees as may be assessed by the Company.

The Company shall not purchase for resale any capacity or other reserve-related products associated with the QF. The Company will not purchase or own any of the generation attributes associated with the QF.

Notice

The Company or QF may terminate this Agreement on thirty (30) days written notice which includes a statement of reasons for such termination.

Agreed and Accepted

Date: _____

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities

Date: _____

Issued: April 27, 2017

Issued by: _____ /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
President

52. Interconnection Standards For Inverters Sized Up To 100 KVA

Any person or entity planning to operate a generating facility connected 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 electric 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 standards of this Interconnections Standards Provision. For all other generating facilities, the Company must be contacted for site specific requirements prior to interconnecting the generating facilities with the Company's facilities.

i. Applicability

This document ("Interconnection Standard") describes the process and requirements for an Interconnecting Customer to connect a Listed inverter based Facility sized up to 100 kVA to the Company's Electric Power System ("Company EPS"), including discussion of technical and operating requirements, and other matters. Non-inverter based Facilities will need to follow the standard interconnection procedures.

If the Facility will always be isolated from the Company's EPS, (i.e., it will never operate in parallel to the Company's EPS), then this Interconnection Standard does not apply.

ii. Definitions

The following words and terms shall be understood to have the following meanings when used in this Interconnection Standard:

Affiliate: A person or entity controlling, controlled by or under common control with a Party.

Anti-Islanding: Describes the ability of a Facility to avoid unintentional islanding through some form of active control technique.

Application: The notice provided by the Interconnecting Customer to the Company in the form shown in Exhibit A, which initiates the interconnection process.

Area Network Distribution System: Electrical service from an EPS consisting of one or more primary circuits from one or more substations or transmission supply points arranged such that they collectively feed secondary circuits serving more than one Interconnecting Customer.

Commission: The New Hampshire Public Utilities Commission.

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Non-Islanding: Describes the ability of a Facility to avoid unintentional islanding through the operation of its interconnection equipment.

Parallel: The state of operating the Facility when electrically connected to the Company EPS (sometimes known as grid-parallel).

Parties: The Company and the Interconnecting Customer.

Point of Common Coupling (PCC): The point where the Interconnecting Customer's local electric power system connects to the Company EPS, such as the electric power revenue meter or premises service transformer. See the Company for the location at a particular Interconnecting Customer site.

Radial Distribution Circuit: Electrical service from an EPS consisting of one primary circuit extending from a single substation or transmission supply point arranged such that the primary circuit serves Interconnecting Customers in a particular local area.

Screen(s): Criteria by which the Company will determine if a proposed Facility's installation will adversely impact the Company EPS in the Simplified Processes as set forth in Section iv.

Simplified Process: As described in Section v., process steps from initial application to final written authorization for certain Listed inverter-based Facilities of limited scale and minimal apparent grid impact.

Spot Network Distribution System: Electrical service from an EPS consisting of one or more primary circuits from one or more substations or transmission supply points arranged such that they collectively feed secondary circuits serving only one Interconnecting Customer.

Supplemental Review: Additional engineering study to evaluate the potential impact of Facilities over 10 kVA on the Company EPS so as to determine any requirements for processing the application, or Facilities of 10 kVA or smaller that fail one of the Simplified Process screens. This review is charged at a cost of \$125.00 per hour up to a limit of 10 hours. If Company services are needed to install temporary metering to complete the Supplemental Review, then these charges will also be included as part of the overall review. Temporary metering charges are not defined in the tariff as each situation for interconnection has different service requirements. Thus, the charge for installation of temporary metering is determined on a case-by-case basis based on the actual cost of the particular installation.

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Effective: May 1, 2017

Title: James M. Sweeney
 President

System Modification: Modifications or additions to distribution-related Company facilities that are integrated with the Company EPS for the benefit of the Interconnecting Customer and paid for by the Interconnecting Customer.

Unintentional Islanding: A situation where the electrical power from the Facility continues to supply a portion of the Company EPS past the PCC when the Company's transmission or distribution system has ceased providing power for whatever reason (emergency conditions, maintenance, etc.).

Witness Test: The Company's right to witness the commissioning testing. Commissioning testing is defined in IEEE Standard 1547-2003.

iii. Basic Understanding

Interconnecting Customer intends to install a Listed inverter based Facility on the Customer's side of the PCC that will be connected electrically to the Company EPS and operate in parallel, synchronized with the voltage and frequency maintained by the Company during all operating conditions. It is the responsibility of the Interconnecting Customer to design, procure, install, operate, and maintain all necessary equipment on its property for connection to the Company EPS. The Interconnecting Customer and the Company shall enter into a Simplified Process Application and Interconnection Service Agreement to provide for parallel operation of an Interconnecting Customer's Facility with Company EPS. A form of this agreement is attached as Exhibit A to this Interconnection Standard.

The equipment, controls and other facilities that together constitute the interconnection of the Facility with the Company EPS must be reviewed for potential impact on the Company EPS under the process described in Section iv..

The Interconnecting Customer should consult the Company before designing, purchasing and installing any generation equipment, in order to verify the nominal utilization voltages, frequency, and phase characteristics of the service to be supplied, the capacity available, and the suitability of the proposed equipment for operation at the intended location. Attempting to operate a Facility at other than its nameplate characteristics may result in unsatisfactory performance or, in certain instances, injury to personnel and/or damage to equipment. The Interconnecting Customer will be responsible for ascertaining from the Company, and the Company will cooperate in providing, the service characteristics of the Company EPS at the proposed PCC. The Company will in no way be responsible for damages sustained as a result of the Interconnecting Customer's failure to ascertain the service characteristics at the proposed PCC.

The Facility should operate in such a manner that does not compromise, or conflict with, the safety or reliability of the Company EPS. The Interconnecting Customer should design its

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Issued by: /s/ James M. Sweeney

James M. Sweeney

Effective: May 1, 2017

Title: President

equipment in such a manner that faults or other disturbances on the Company EPS do not cause damage to the Interconnecting Customer's equipment.

Authorization to interconnect will be provided once the Interconnecting Customer has met all terms of the interconnection process as outlined below.

This Interconnection Standard does not cover general distribution service needed to serve the Interconnecting Customer. Please refer to the Company's Terms and Conditions for Distribution Service. This Interconnection Standard does not cover the use of the distribution system to export power, or the purchase of excess power.

iv. Process Overview

This application process is for Listed inverter-based Facilities with a power rating of 100 kVA or less depending on the service configuration, and located on radial EPS under certain conditions. A Listed inverter-based Facility with a power rating of 10 kVA or less single-phase located on a spot network EPS under certain conditions would also be eligible.

Listed inverter based interconnections are intended to be reviewed promptly under a Simplified Process. A set of review screens have been developed to determine if the application fits the Simplified Process and are described below and detailed in Figures 1 and 2 with their accompanying notes. Table 1 describes the timelines for these paths. Unless otherwise noted, all times in the Interconnection Standard reference Company business days under normal work conditions.

A project that fails to meet the Simplified review screens will be addressed using the Company's standard interconnection review practices. In cases where the Facility is larger than 10 kVA, a Supplemental Review will be conducted. In addition a Supplemental Review may be required which may allow an interconnection of 10 kVA or smaller to be accommodated at a particular site even though it did not pass the Simplified review screens. In these instances, the Company will provide an estimated cost to do a Supplemental Review to the Interconnecting Customer. If the Interconnecting Customer funds the Supplemental Review, the Company will undertake the review to determine which of the following apply:

No system modifications are required and the simplified process can be used.

1. System modifications are required at the Customer's expense before the simplified process can be used. A statement will be sent to the Customer describing the required modification and a bill for the estimated amount.
2. The simplified process cannot be used and the Customer must reapply using the Company's standard interconnection process.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

All proposed new sources of electric power that plan to operate in parallel with the Company EPS must submit a completed application to the Company within the Company's franchise territory where the Facility will be located. The Interconnecting Customer will be notified of the application's completeness. Interconnecting Customers proposing to interconnect on area networks require a detailed review of the planned interconnection and do not qualify for the Simplified Process. All applications from other Interconnecting Customers must proceed through a series of screens to determine if they meet the requirements for the Simplified Process interconnection path.

v. Simplified Process

Interconnecting Customers using Listed single-phase inverter-based Facilities with power ratings of 100 kVA or less at locations receiving single-phase service from a single-phase transformer, or using Listed three-phase inverter-based Facilities with power ratings of 100 kVA or less at locations receiving three-phase service from a three-phase transformer configuration, and requesting an interconnection on radial EPSs where the aggregate Facility capacity on the circuit is less than 7.5% of circuit annual peak load qualify for Simplified interconnection.

The Simplified Process is as follows:

1. Application process:
 - a) Interconnecting Customer submits a Simplified Process application filled out properly and completely (Exhibit A).
 - a) Interconnecting customer submits a non-professional engineer stamped electrical one-line diagram of the proposed system.
 - b) Company evaluates the application for completeness and notifies the Interconnecting Customer within 10 business days of receipt that the application is or is not complete and, if not, advises what is missing.
 - c) Company verifies Facility equipment passes screens 1, 2, and 3 in Figure 1 if a radial EPS, or the screens in Figure 2 if a spot network EPS.
 - d) If approved, the Company signs the application approval line and returns the approved application to the Interconnecting Customer. In certain circumstances, the Company may require the Interconnecting Customer to pay for System Modifications before the application is approved. If so, a description of work and an estimate of the cost will be sent back to the Interconnecting Customer for approval. The Interconnecting Customer would then approve via a signature and submit payment for any System Modifications. If the Interconnecting Customer approves, the Company performs the System Modifications. Then, the Company signs the application approval line and sends to the Interconnecting Customer.
 - e) Upon receipt of application signed by the Company, the Interconnecting Customer installs the Facility. Then the Interconnecting Customer arranges for inspection of the completed installation by the local electrical wiring

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James M. Sweeney

Effective: May 1, 2017

Title: President

- inspector, or other authority having jurisdiction, and this person signs the Certificate of Completion. If the Facility was installed by an electrical contractor, this person also fills out the Certificate of Completion.
- f) The Interconnecting Customer returns Certificate of Completion to the Company.
 - g) Following receipt of the Certificate of Completion, the Company may inspect the Facility for compliance with standards by arranging for a Witness Test. The Interconnecting Customer has no right to operate in parallel until a Witness Test has been performed or has been previously waived by the Company on the Application Form. If the Company elects to conduct a Witness Test, every attempt will be made to conduct it within 10 business days of the receipt of the Certificate of Completion. All projects larger than 10 kVA will need to be witness tested, unless waived by the Company.
 - h) Assuming the wiring inspection and/or Witness Test is satisfactory, the Company notifies the Interconnecting Customer in writing that interconnection is authorized. If the Witness Test is not satisfactory, the Company has the right to disconnect the Facility, and will provide information to the Interconnecting Customer describing clearly what is required for approval.
 - i) If the Interconnecting Customer does not substantially complete construction within 12 months after receiving application approval from the Company, the Company will require the Interconnecting Customer to reapply for interconnection.

vi. Time Frames

- 1. Unless otherwise noted, all days in the Interconnection Standard reference Company business days under normal work conditions.
- 2. Table 1 lays out the maximum timeframes allowed under the Simplified Review process. The maximum time allowed for the Company to execute the entire Simplified Process is 20 days.

vii. Fees

There are no fees for those Facilities that qualify for the Simplified Process on a radial EPS (except in certain cases where a System Modification would be needed for which the Interconnecting Customer would pay).

In cases where the Facility is larger than 10 kVA, or does not pass the other screens, a Supplemental Review will be conducted. In these instances, the Company will provide a cost estimate to do a Supplemental Review to the Interconnecting Customer.

This review is charged at a cost of \$125.00 per hour. If Company services are needed to install temporary metering to complete the Supplemental Review, then these charges will also be included as part of the overall review.

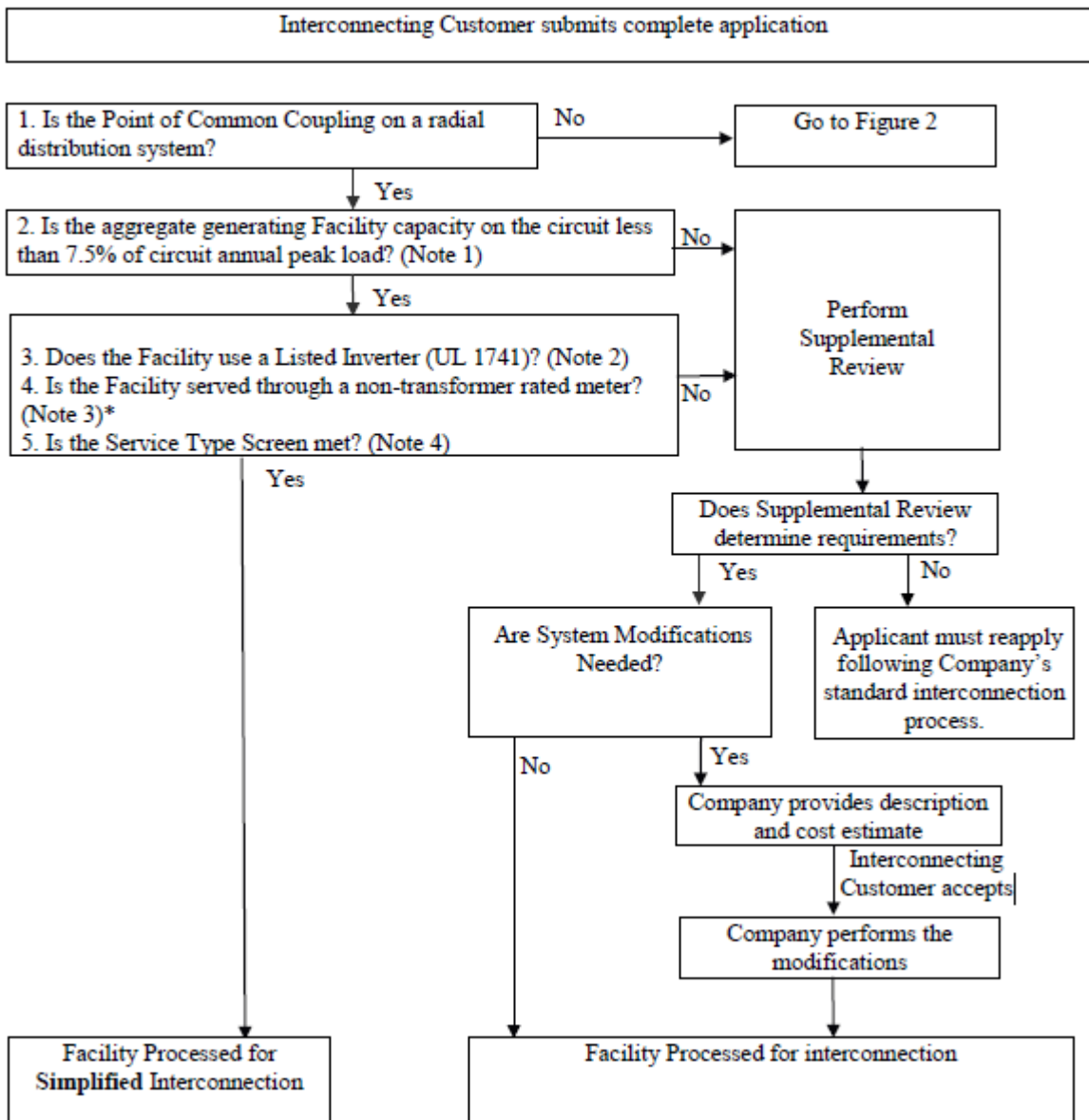
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Effective: May 1, 2017

Title: James M. Sweeney
 President

Figure 1 – Inverter Based Simplified Interconnection Process



Explanatory Notes to Accompany Figure 1

1. On a typical radial distribution EPS circuit (“feeder”) the annual peak load is measured at the substation circuit breaker, which corresponds to the supply point of the circuit. A circuit may also be supplied from a tap on a higher-voltage line, sometimes called a sub-transmission line. On more complex radial EPSs, where

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bidirectional power flow is possible due to alternative circuit supply options (“loop service”), the normal supply point is the loop tap.

2. New Hampshire has adopted UL1741 (Inverters, Converters and Charge Controllers for Use in Independent Power Systems) as an acceptable standard for power systems to comply with IEEE Std 1547 and 1547.1. Equipment listed to UL1741 by a nationally recognized testing laboratory will be considered in compliance with IEEE Std 1547 and 1547.1. An Interconnecting Customer should contact the Facility supplier(s) to determine if its equipment has been listed to either of these standards.
3. Facilities connected to the utility through a transformer rated meter will be required to install a fully rated, lockable disconnect switch. The disconnect switch will be located near the service entrance for use by utility personnel.
4. This screen includes a review of the type of electrical service provided to the Interconnection Customer, including the service transformer configuration and service type to limit the potential for creating unacceptable voltage imbalance, over-voltage or under-voltage conditions, or service equipment overloads on the Company EPS due to a mismatch between the size and phasing of the energy source, the service loads fed from the service transformer(s), and the service equipment ratings.

To be eligible for the Simplified Process, a Listed inverter-based Facility must be either (1) a single-phase unit on a customer’s local EPS receiving single-phase secondary service at the PCC from a single-phase service transformer, or (2) a three-phase unit on a customer’s local EPS receiving three-phase secondary service at the PCC from a three-phase transformer configuration.

If the proposed Facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition will not create an imbalance between the two sides of the 240 volt service of more than 20% of nameplate rating of the service transformer.

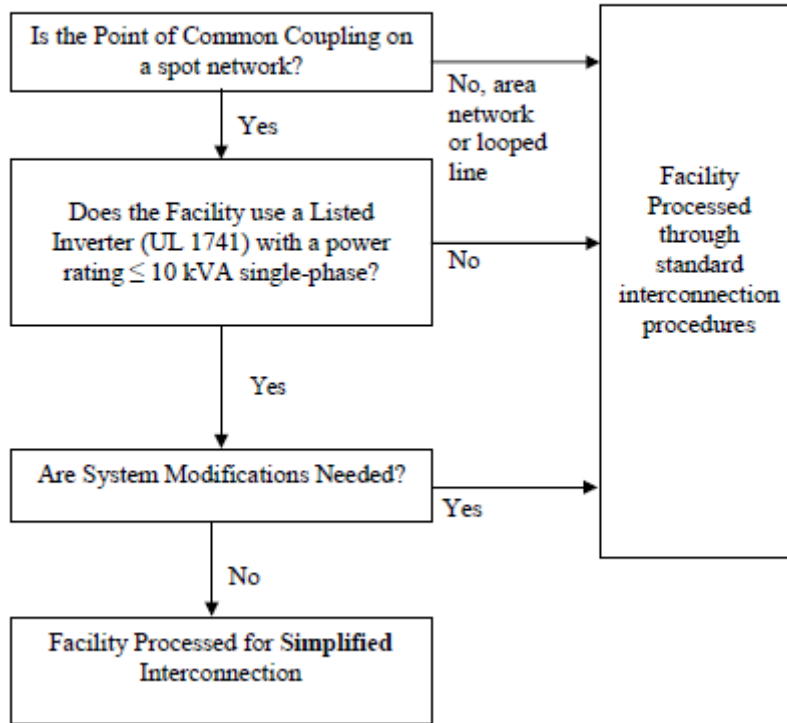
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 President

Figure 2 – Simplified Interconnection to Networks



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Effective: May 1, 2017

Title: James M. Sweeney
 President

Table 1 – Time Frames

Review Process	Simplified	Simplified Spot Network
Eligible Facilities	Listed Small Inverter	Listed Inverter ≤ 10 kVA single-phase
Review Application for completeness	10 days	10 days
Complete Review of all screens	10 days	Site review 30 days if load is known or can be estimated 90 days if load has to be metered
Complete Supplemental Review (if needed) – Note 1		
Total Maximum Days	20 days	100 days
Notice/ Witness Test	< 1 day with 10 day notice or by mutual agreement	1 day with 10 day notice or by mutual agreement
Send Approval to Interconnector		

NOTE 1: When a Supplemental Review is involved, the timelines for a Simplified Process no longer apply. However, the Company will complete the Supplemental Review within 40 days.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Exhibit A – Simplified Process Interconnection Application Instructions
(please do not submit this page)

- i. General Information: If you, the Interconnecting Customer, wish to submit an application to interconnect your generating Facility using the Simplified Process (reference Section iii of the Interconnection Standard for eligibility) please fill out the attached application form completely (not including this page of instructions), including your signature in the space provided. Interconnections that may be eligible for this Simplified Process include UL 1741-Listed inverter-based Facilities that are either (1) connecting to radial electric power systems with power ratings of ≤ 100 kVA, or (2) connecting to spot network electric power systems with power ratings of ≤ 10 kVA single-phase. Please attach any documentation provided by the inverter manufacturer concerning the UL 1741. Facilities larger than 10 kVA will be required to install a fully rated lockable switch near the service entrance for use by utility personnel.
- ii. Mail all material to: Liberty Utilities, Customer Relations, 9 Lowell Road, Salem, NH 03079 or Email to SMNHNetMetering@libertyutilities.com
- iii. The Simplified Process is as follows:
 1. Application process:
 - a) Interconnecting Customer submits a Simplified Application filled out properly and completely.
 - b) Interconnecting Customer submits a non-professional engineer stamped electrical one-line diagram of the proposed system.
 - c) Company evaluates the application for completeness and notifies the Interconnecting Customer within 10 business days of receipt that the application is or is not complete and, if not, advises what is missing.
 - d) Company verifies Facility equipment can be interconnected safely and reliably.
 - e) If approved, the Company signs the application and returns a copy to the Interconnecting Customer.
 - f) Upon receipt of the signed application, the Interconnecting Customer installs the Facility. Then the Interconnecting Customer arranges for inspection of the completed installation by the local electrical wiring inspector, or other authority having jurisdiction, and this person signs the Certificate of Completion. If the Facility was installed by an electrical contractor, this person also fills out the Certificate of Completion.
 - g) In certain circumstances, the Company will require the Interconnecting Customer to pay for System Modifications. If so, a description of work and an estimate will be sent back to the Interconnecting Customer for approval. The Interconnecting Customer would then approve via a signature and payment for the System Modifications. If the Interconnecting Customer approves, the Company performs the System Modifications. Then, the Company signs the application and sends the approved application back to the Interconnecting Customer.

Issued: April 27, 2017

Issued by: _____ /s/ James M. Sweeney
James M. Sweeney

Effective: May 1, 2017

Title: President

53. Simplified Process Interconnection Application and Service Agreement

Contact Information - Legal name and address of Interconnecting Customer (or, Company name, if appropriate):

Customer/Company Name _____ Contact Person _____
Mailing Address _____
City _____ State _____ Zip Code _____ Email _____
Phone - Daytime _____ Evening _____ Fax _____

Alternative Contact Information (e.g, system installation contractor or coordinating company, if appropriate):

Name _____ Contact Person _____
Mailing Address _____
City _____ State _____ Zip Code _____ Email _____
Phone - Daytime _____ Evening _____ Fax _____

Electrical Contractor Contact Information (if appropriate)

Name _____ Contact Person _____ License # _____
Mailing Address _____
City _____ State _____ Zip Code _____ Email _____
Phone - Daytime _____ Evening _____ Fax _____

Facility Information

Address of facility _____
Mailing Address _____
City _____ State _____ Zip Code _____ Electric Supply Co. _____
Account # _____ Meter # _____ Gen/Inverter Manu _____
Model Name and # _____ Quantity _____ Nameplate Rating (kW) _____
(kVa) _____ (AC volts) _____ Single Phase _____ Three Phase _____ Battery Backup Y ___ N ___
Net Metering: If renewably fueled, will the account be Net Metered? Y ___ N ___
Prime Mover: Photovoltaic ___ Recip'g Engine ___ Fuel Cell ___ Turbine ___ Other _____
Energy Source: Solar ___ Wind ___ Hydro ___ Diesel ___ Nat Gas ___ Fuel Oil ___ Other _____
UL 1741.1 (IEEE1547.1) Listed? Y ___ N ___ External Manual Disconnect Y ___ N ___
Estimated Install Date _____ Estimated In-Service Date _____
Production Meter Requested Y ___ N ___ System Design Capacity _____ kW/kVa

Interconnecting Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Customer Signature _____ **Title** _____ **Date** _____

Approval to Install Facility (For Company Use Only): Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Y ___ N ___

Company Signature _____ Title _____ Date _____

Company waives inspection/Witness test? Y ___ N ___

Application Number _____

Issued: September 18, 2017 Issued by: _____ /s/ Susan L. Fleck
Susan L. Fleck
Effective: September 1, 2017 Title: _____ President

v. Interconnection Standard

These Terms and Conditions are pursuant to the Company's "Interconnection Standards for Inverters Sized Up to 100 kVA" for the Interconnection of Customer-Owned Generating Facilities, as approved by the Commission and as the same may be amended from time to time ("Interconnection Standard"). All defined terms set forth in these Terms and Conditions are as defined in the Interconnection Standard (see Company's website for the complete document).

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
President

55. Certificate of Completion for Simplified Process Interconnections

Installation Information

Check if owner installed

Customer/Company Name _____ Contact Person _____

Mailing Address _____

City _____ State _____ Zip Code _____ Email _____

Phone - Daytime _____ Evening _____ Fax _____

Address of facility (if different from above) _____

Mailing Address _____ City _____

State _____ Zip Code _____ Generation Vendor _____ Contact Person _____

I hereby certify that the system hardware is in compliance with Puc 900.

Vendor Signature _____ Date _____

Electrical Contractor Contact Information (if appropriate)

Name _____ Contact Person _____ License # _____

Mailing Address _____

City _____ State _____ Zip Code _____ Email _____

Phone - Daytime _____ Evening _____ Fax _____

Date of approval to install Facility granted by the Company _____ Installation Date _____

Application ID number _____

Inspection

The system has been installed and inspected in compliance with the local Building/Electrical Code of (City/County)

Signed by (Local Electrical Wiring Inspector, or attach signed electrical inspection):

Signed: _____ Printed: _____ Date: _____

Customer Certification

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards and the initial startup test required by Puc 905.04 has been successfully completed.

Customer Signature _____ Date _____

As a condition of interconnection you are required to send/email a copy of this form to:

Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities
Engineering 15 Buttrick Road, Londonderry, NH 03053
Email: SMNHNetMetering@libertyutilities.com

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

James M. Sweeney

Effective: May 1, 2017

Title: President

56. Supplemental Review Agreement

This Agreement, dated _____, is entered into by and between (name, address) _____ (“Interconnecting Customer”) and the Company, for the purpose of setting forth the terms, conditions and costs for conducting a Supplemental Review relative to the Interconnection Process as defined in Sections iii – x of the Interconnection Standard. This Supplemental Review pertains to the interconnection application the Interconnecting Customer has filed for interconnecting a ____kVA Facility at _____ (address of Facility).

If the Supplemental Review determines the requirements for processing the application including any System Modifications, then the modification requirements and costs for those modifications will be identified and included in a billing statement sent by the Company to the Interconnecting Customer for authorization and payment. If the Supplemental Review does not determine the requirements, it will include a proposed Impact Study Agreement as part of the Company’s standard interconnection process which will include an estimate of the cost of the study.

The Interconnecting Customer agrees to provide, in a timely and complete manner, all additional information and technical data necessary for the Company to conduct the Supplemental Review not already provided in the Interconnecting Customer’s application.

All work pertaining to the Supplemental Review that is the subject of this Agreement will be approved and coordinated only through designated and authorized representatives of the Company and the Interconnecting Customer. Each party shall inform the other in writing of its designated and authorized representative, if different than what is in the application.

The Company shall perform the Supplemental Review for a fee not to exceed \$1,250. The Company anticipates that the Supplemental Review will cost \$____. No work will be performed until payment is received.

Please indicate your acceptance of this Agreement by signing below.

Interconnecting Customer

Date

Issued: April 27, 2017

Issued by: _____ /s/ James M. Sweeney

Effective: May 1, 2017

Title: _____
President

62. Terms and Conditions for Competitive Suppliers

i. General Applicability

1. The following Terms and Conditions shall apply to every registered Competitive Supplier within the State of New Hampshire authorized to do business with the Company and their customers.
2. These Terms and Conditions may be revised, amended, supplemented or supplanted in whole or in part from time to time according to the procedures provided in the Commission's Orders or regulations and New Hampshire law. In case of conflict between these Terms and Conditions and any orders or regulations of the Commission, said orders or regulations shall govern.
3. No agent or employee of the Company is authorized to modify any provision contained in these Terms and Conditions or to bind the Company to perform in any manner contrary thereto. Any such modification to these Terms and Conditions or any such promise contrary thereto shall be in writing, duly executed by an authorized officer of the Company, and subject in all cases to applicable statutes and to the orders and regulations of the Commission, and available for public inspection during normal business hours at the business offices of the Company and at the offices of the Commission.

ii. Definitions

Aggregator: Any entity registered with the Commission to negotiate the purchase of electric supply services for retail Customers in New Hampshire.

CEPS Agreement: The contract between the Company and the Competitive Supplier referenced in Section 2.e. below.

Competitive Supplier or Supplier: Any entity registered with the Commission to sell electricity to retail Customers in New Hampshire.

EDI Working Group Report: The report submitted by the Electronic Data Interchange Working Group to the Commission on April 2, 1998, and approved by Order 22,919. The report is available on the Commission's website.

Energy Service: The sale of electricity, including ancillary services such as, but not limited to, the provision of reserves, to a Customer by a Competitive Supplier.

ISO-NE: ISO New England Inc., authorized by the Federal Energy Regulatory Commission to exercise for New England the functions required pursuant to the Commission's Order No. 2000

Issued: April 27, 2017

Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

James M. Sweeney
Title: President

(and its progeny) and the Commission's regulations, and any successor organization (including but not limited to a Regional Transmission Organization).

Market Participant: A participant in the New England Market that has executed a Market Participant Service Agreement, or on whose behalf an unexecuted Market Participant Service Agreement has been filed with the FERC.

NEPOOL: New England Power Pool and its successors.

NEPOOL Agreement: The Second Restated New England Power Pool Agreement dated as of February 1, 2005, as amended or accepted by the Commission and as may be amended, modified, superseded, supplemented and/or restated from time to time.

PTF: Pool transmission facilities included in the Open Access Transmission Tariff on file with the Federal Energy Regulatory Commission and any successor agreements.

Settlement Account: The settlement method (and any successor settlement methodologies) utilized by ISO-NE for its Market Participants, as set forth in the ISO-NE Transmission, Markets and Services Tariff, as amended from time to time, on file as a tariff with the Federal Energy Regulatory Commission.

iii. Obligation of Parties

Customer shall select one Competitive Supplier for each account at any given time for the purposes of the Company (1) reporting the Customer's hourly electric consumption to the ISO-NE, and (2) providing billing services. The Customer must provide the selected Competitive Supplier with the information necessary to allow the Competitive Supplier to initiate Energy Service, as required by the Competitive Supplier. A Customer may choose only a Competitive Supplier that is registered by the Commission.

1. The Company shall:

- a) Arrange for or provide local network transmission services from PTF to the Company's distribution system for each Customer;
- b) Arrange for or provide regional network transmission service over PTF ;
- c) Be responsible for obtaining and maintaining Regional Transmission Service (or its successor);
- d) Be responsible for the Network Load (as defined in the ISO-NE Transmission, Markets and Services Tariff) associated with its retail customers located in the Company's service area;
- e) Deliver power over distribution facilities to each Customer Delivery Point;
- f) Provide customer service and support for Distribution Service;
- g) Respond to service interruptions or power quality problems;

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- h) Handle connections and terminations;
- i) Read Meters;
- j) Submit bills to Customers for Distribution Service and, if requested by the Competitive Supplier, for Energy Service;
- k) Address billing inquiries for Distribution Service and, if contracted by the Competitive Supplier, for Energy Service;
- l) Answer general questions about Distribution Service;
- m) Report Competitive Suppliers' estimated and metered loads, including local network transmission and distribution losses, to the ISO-NE,
- n) Process the electronic business transactions submitted by Competitive Suppliers, and send the necessary electronic business transactions to Competitive Suppliers, below, and the rules and procedures set forth in the EDI Working Group Report;
- o) Provide information regarding, at a minimum, tariffs, meter read schedules, and load profiles, on its Internet web site; and
- p) Provide up to twelve months of a Customer's historic billing data to a Customer or a Competitive Supplier, provided that the Competitive Supplier has received the appropriate authorization, this information shall be provided in electronic form at no charge.

2. The Competitive Supplier shall:

- a) Meet the registration and licensing requirements established by law or regulation and either (i) be a Market Participant subject to a Settlement Account or (ii) have an agreement in place with a Market Participant whereby the Market Participant agrees to include the load to be served by the Competitive Supplier in such Market Participant's Settlement Account;
- b) Be responsible for providing all requirements service to meet each of its Customer's needs and deliver the associated capacity and energy to a point or points of local network interface between the PTF and non-PTF systems;
- c) Give the Company at least 60 days' prior notice of termination of its status as a Market Participant or termination of the agreement referenced in Section 2.e. below. The Competitive Suppliers right to serve customers will cease effective with such termination, however the supplier will continue to be obligated to settle all financial obligations with the Company which were incurred prior to such termination;
- d) Be responsible for any and all losses incurred on (i) local network transmission systems and distribution systems, as determined by the Company; (ii) PTF, as determined by the ISO-NE; and (iii) facilities linking generation to PTF;
- e) Enter into a CEPS Agreement with the Company that specifies, among other things, information exchange, problem resolution, and revenue liability. This agreement must be entered into prior to the initiation of Energy Service to any Customer in the Company's service territory. A business initiation fee of \$500.00 will be charged to each Competitive Supplier. This fee includes the costs of EDI connectivity and initial set up

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of the Competitive Supplier in the Company's system. Charges for additional services that may be required will be negotiated with each Competitive Supplier and included in the CEPS Agreement;

- f) Complete testing of the transactions included in the EDI Working Group Report prior to the initiation of Energy Service to any Customer in the Company's service territory. Such testing shall be in accordance with the rules and procedures set forth in the Report;
- g) Be responsible for obtaining the necessary authorization from each Customer prior to initiating Energy Service to the Customer;
- h) Be responsible for obtaining the necessary authorization from each Customer prior to requesting the Company to release the historic usage information or Interval Data specific to that Customer to the Competitive Supplier. Such authorization shall consist of (i) a letter of authorization; (ii) electronic transmission to a competitive supplier; or (iii) a written authorization provided to a registered Aggregator.

iv. Provisions of Service

1. Initiation of Energy Service

- a) To initiate Energy Service to a Customer, the Competitive Supplier shall submit an "enroll customer" transaction to the Company, in accordance with the rules and procedures set forth in the EDI Working Group Report. The Competitive Supplier shall hold the "enroll customer" transaction until any applicable right of rescission has lapsed.
- b) If the information on the enrollment transaction is correct, the Company shall send the Competitive Supplier a "successful enrollment" transaction, in accordance with the rules and procedures set forth in the EDI Working Group Report.
- c) Energy Service shall commence on the date of the Customer's next scheduled meter read, provided that the Supplier has submitted the enrollment transaction to the Distribution Company no fewer than two (2) business days prior to the next meter read date.
- d) If the Supplier has not submitted the enrollment transaction at least two (2) business days before the next meter read date, Energy Service shall commence on the date of the Customer's subsequent scheduled meter read.
- e) If more than one Competitive Supplier submits an enrollment transaction for a given Customer during the same enrollment period, the first transaction that is received by the Distribution Company shall be accepted. All other transactions shall be rejected. Rejected transactions may be resubmitted during the customer's next enrollment period.

2. Termination of Energy Service

- a) To terminate Energy Service with a Customer, a Competitive Supplier shall submit a "supplier drops customer" transaction, in accordance with the rules and procedures set forth in the EDI Working Group Report. Energy Service shall be terminated on the date of the customer's next scheduled meter read, provided that the Competitive Supplier has submitted this transaction to the Distribution Company no fewer than two

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- (2) business days prior to the meter read date. If the Competitive Supplier has not submitted this transaction at least two (2) business days before the meter read date, Energy Service shall be terminated on the date of the Customer's subsequent meter read. The Distribution Company shall send a "confirm drop date" transaction to the Competitive Supplier, in accordance with the rules and procedures set forth in the EDI Working Group Report.
- b) To terminate Energy Service with a Competitive Supplier, a Customer shall so inform the Competitive Supplier who will submit the required "supplier drops customer" transaction. Energy Service shall be terminated on the date of the Customer's next scheduled meter read.
 - c) In those instances when a Customer, who is receiving Energy Service from an existing Competitive Supplier, initiates such service with a new Competitive Supplier, the new Competitive Supplier must submit an EDI enrollment request to the Company. The Company shall send the existing Competitive Supplier a "customer drops supplier" transaction, in accordance with the rules and procedures set forth in the EDI Working Group Report.
 - d) 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. Reconciliations of actual meter reads will be at the discretion of the Company.

3. Customer Outages

a) Planned Outages

In the event that the loading on the distribution system, or a portion thereof, must be reduced for safe and reliable operation, such reduction in loading shall be proportionately allocated among all Customers whose load contributes to the need for the reduction, when such proportional curtailments can be accommodated within good utility practices.

b) Unplanned Outages

In the event of unplanned outages, service will be restored in accordance with good utility practice. The Company may also be called upon from time to time by ISO New England to implement voltage reductions or load shed procedures to protect the security of the bulk power grid. The Company shall not be liable for any revenue losses to the Competitive Supplier as a result of any such disconnection(s).

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4. Metering

a) Meter Reading

The Company shall meter each Customer in accordance with tariff provisions.

Each Customer shall be metered or estimated such that the loads can be reported to ISO-NE for inclusion in the Competitive Supplier's, or the Competitive Supplier's wholesale provider's Settlement Account.

b) Ownership of Metering Equipment

Should a Customer or Competitive Supplier request a metering device outside of the Company's current metering equipment or request that a communication device be attached to the existing meter, the Company shall provide, install, test, and maintain the requested metering or communication device. The requested meter or communication device must meet the Company's requirements.

The Customer or Competitive Supplier shall bear the cost of providing and installing the meter or communication device. Upon installation, the meter or communication device shall become the property of the Company and will be maintained by the Company. The Company shall complete installation of the meter or communication device, if reasonably possible, within thirty (30) days of receiving a written request from the Customer or Competitive Supplier. The Company shall bill the Customer or Competitive Supplier upon installation.

5. Billing Service

The Company shall provide a single bill, reflecting unbundled charges for electric service, to Customers who receive Energy Service. The Company shall offer two billing service options to Competitive Suppliers providing Energy Service to Customers: a) Standard Billing Service; and b) Consolidated Billing Service. The Competitive Supplier shall inform the Company of the selected billing option, in accordance with the rules and procedures set forth in the EDI Working Group Report.

a) Standard Billing Service

The Company shall issue a single bill for Distribution Service to each Customer. The Competitive Supplier shall be responsible for separately billing Customers for the cost of Energy Service provided by the Competitive Supplier and for the collection of amounts due to the Competitive Supplier from the Customer.

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Existing Company service fees, such as interest charges for unpaid balances and bad checks charges, shall remain in effect and shall be assessed, as applicable, according to the Company’s Terms and Conditions for Distribution Service, applicable to all Customers.

v. Definition of Standard Units of Service

1. Billing Demand

Units of billing demand shall be as defined in the Company’s applicable Rate Schedule.

2. On-Peak / Off-Peak Period Definitions

The on-peak and off-peak periods shall be as defined in the Company’s applicable Rate Schedule.

vi. Determination of Hourly Loads

1. For each Competitive Supplier, hourly loads for each day shall be estimated or telemetered, and reported daily to the ISO-NE for inclusion in the Competitive Supplier’s Settlement Account. Hourly load estimates for non-telemetered customers will be based upon load profiles developed for each customer class or Customer of the Company. The total hourly loads will be determined in accordance with the appropriate hourly load for the Company.
2. The Company shall normally report previous days’ hourly loads to the ISO-NE by a specified time. These loads shall be included in the Competitive Supplier’s Settlement Account.
3. To refine the estimates of the Competitive Suppliers’ 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.
4. The hourly loads shall be determined consistent with the following steps:
 - a) 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.
 - b) The Company shall calculate a usage factor for each Customer that reflects the Customer’s relative usage level.
 - c) The Company shall develop estimates of hourly load profiles for the previous days for each Competitive Supplier such that the sum of the Competitive Suppliers’ 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 Competitive Supplier loads.

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- d) Transmission losses from local network facilities shall be approximated and added to the Competitive Supplier's hourly loads.
- 5. The process of Competitive Supplier load estimation involves statistical samples and estimating error. The Company shall not be responsible for any estimating errors and shall not be liable to the Competitive Suppliers for any costs that are associated with such estimating errors.

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63. Residential Energy Efficiency Loan Program

i. 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”) from the Company and to repay the Customer Loan Amount through an additional charge on their monthly retail delivery service bill issued by the Company. It is available to Participating Customers who meet the following qualifications:

1. The Participating Customer must own the property where the energy-efficiency measures are installed; and
2. A Participating 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 Domestic Rate D, Optional Peak Load Pricing Rate D-10, or Limited Total Electric Living Rate T; and
3. The Participating Customer must not have received a disconnect notice from the Company during the twelve months preceding the Participating Customer’s request for a loan under this program; and
4. The Customer Loan Amount has no minimum and must be less than or equal to \$2,000 per customer per year, and must not exceed the Participating Customer’s share of the installed cost of the energy efficiency measures installed under the Company’s approved energy-efficiency program; and
5. The Participating Customer must meet the qualifications of the applicable energy-efficiency program through which the energy-efficiency measures are being installed.

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

Any Participating Customer receiving a loan under this program must remain a Delivery Service customer of the Company at the property where the energy-efficiency measures are installed until the loan has been repaid in full. In the event the Participating Customer ceases to be a Delivery Service Customer of the Company at the property where the energy-efficiency measures are installed, any remaining charges under this program shall immediately become due and payable.

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ii. Customer Loan Agreement

Participating Customers shall be required to execute a separate Residential Customer Loan Agreement which will specify the fixed monthly charge and other applicable terms. A Participating 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.

The revolving loan fund is funded through a grant from the Greenhouse Gas Emissions Reduction Fund created pursuant to RSA 125-O:23 as administered by the Commission

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64. Non-Residential Energy Efficiency Loan Program

i. 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”) from the Company and to repay the Customer Loan Amount through an additional charge on their monthly retail delivery service bill issued by the Company. It is available to Participating Customers who meet the following qualifications:

1. The Participating Customer must own the property where the energy-efficiency measures are installed; and
2. A Participating 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 General Service Time-of-Use Rate G-1, General Long-Hour Service Rate G-2, General Service Rate G-3, or Outdoor Lighting Service Rate M; and
3. The Participating Customer must not have received a disconnect notice from the Company during the twelve months preceding the Participating Customer’s request for service under this program; and
4. The Customer Loan Amount has no minimum and must be less than or equal to \$50,000 for each project, and must not exceed the Participating Customer’s share of the installed cost of the energy efficiency measures installed under the Company’s approved energy-efficiency program; and
5. A Participating Customer is limited to \$150,000 per year in loan funds with no limit on the number of projects at the sole discretion of the Company based on program demand. If at any point there are no loan fund recipients or there have been no loan fund recipients in a given year, the Company may petition the Commission to allow a particular customer to receive more than \$150,000 in loan funds in a given year; and
6. The Participating Customer must meet the qualifications of the applicable energy-efficiency program through which the energy-efficiency measures are being installed.

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

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Any Participating Customer receiving a loan under this program must remain a Delivery Service customer of the Company at the property where the energy-efficiency measures are installed until the loan has been repaid in full. In the event the Participating Customer ceases to be a Delivery Service Customer of the Company at the property where the energy-efficiency measures are installed, any remaining charges under this program shall immediately become due and payable.

ii. Customer Loan Agreement

Participating Customers shall be required to execute a separate Non-Residential Customer Loan Agreement which will specify the fixed monthly charge and other terms of the loan. A Participating 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 120 months.

The revolving loan fund is funded through a grant from the Greenhouse Gas Emissions Reduction Fund created pursuant to RSA 125-O:23 as administered by the Commission.

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Rate D

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes. If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge \$14.02 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge First 250 kWh	4.299
Distribution Charge Excess kWh	4.883
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution First 250 kWh	4.299
Total Distribution Excess 250 kWh	4.883
Transmission Service Cost Adjustment	3.460
Stranded Cost Adjustment Factor	(0.095)
Storm Recovery Adjustment Factor	0.000

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Off-Peak Use: 16 Hour Control

For all electricity separately metered and delivered between the hours of 11:00 p.m. on each day and 7:00 a.m. on the next day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use	4.039
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution	4.039
Transmission Service Cost Adjustment	3.460
Stranded Cost Adjustment Factor	(0.095)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, electricity is delivered to such water heater is supplied only under this rate.

Off-Peak Use: 6 Hour Control

For all electricity separately metered and subject to the Company's right to limit the operation of the bottom water heating element up to 6 hours a day, the price of such electricity shall be:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge Off Peak Use	4.114
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution	4.114
Transmission Service Cost Adjustment	3.460
Stranded Cost Adjustment Factor	(0.095)
Storm Recovery Adjustment Factor	0.000

If a Customer has installed an electric water heater of a type approved by the Company, and electricity delivered to such water heater is supplied only under this rate

Farm Use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to

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Farm Use

The availability of the Farm Use Section is limited to those locations which were served under the Farm Use Section of Domestic Rate D, N.H.P.U.C. No. 8 - Electricity immediately prior to the effective date of this rate. For such farm customers, where all electricity is supplied by the Company, the RATE PER MONTH is modified as follows:

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge*	4.416
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution	4.416
Transmission Service Cost Adjustment	3.460
Stranded Cost Adjustment Factor	(0.095)
Storm Recovery Adjustment Factor	0.000

*All Regular Use kilowatt-hours in excess of the greater of the following:

- i. 500 kilowatt-hours
- ii. 100 kilowatt-hours per kilovolt-ampere of transformer capacity needed to serve the Customer

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Rate D-10 Optional Peak Load Rate

Availability

Retail Delivery Service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for farm purposes to selected customers presently served under Rate D.

If electricity is delivered through more than one meter, the charge for electricity delivered through each meter shall be computed separately under this rate. The availability of this rate will be subject to the Company's ability to obtain the necessary meters and to render such service.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge \$14.02 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge On Peak	10.054
Distribution Charge Off Peak	0.139
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution Charge On Peak	10.054
Total Distribution Charge Off Peak	0.139
Transmission Service Cost Adjustment	3.071
Stranded Cost Adjustment Factor	(0.101)
Storm Recovery Adjustment Factor	0.000

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

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Off-Peak hours will be from 9:00 p.m. to 8:00 a.m. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

Electric water heating service is available under this rate subject to the conditions specified herein. For such water heating service the Company will provide, own and maintain a suitable switch designed to control the operation of the water heater so that the bottom heating element may operate only during Off-Peak hours.

Electric Water Heating Conditions

Electricity delivered to the water heater must be separately controlled. The Company shall install, own and maintain the control relay. The bottom water heating element will operate only during Off-Peak hours. All water heaters installed after the effective date of this rate shall have a storage capacity of 80 gallons or greater and be of a type approved by the Company. However, approved water heater of less than 80 gallons now being served by the Company may be permitted to transfer to this rate, and at the Company's option smaller tanks may be permitted only within an individual apartment of a multi-family building.

Terms of Agreement

The agreement for service under this rate will continue for an initial term of one year if electricity can be properly delivered to a Customer without an uneconomic expenditure by the Company. The agreement may be terminated at any time on or after the expiration date of the initial term by twelve (12) months prior written notice.

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General Service Time-of-Use Rate G-1

Availability

Retail Delivery Service under this rate is available for all purposes except resale, subject to the provisions of this section. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 200 kW of Demand. A Customer may be transferred from rate G-1 at its request or at the option of the Company if the customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months.

If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

The actual delivery of service and the rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company.

All customers served on this rate must elect to take their total electric service under the time-of-use metering installation as approved by the Company. If delivery is through more than one meter, except at the Company's option, the Monthly Charge for service through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts. All voltages are not available in every area.

Rate Per Month

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

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Rates for Retail Delivery Service

Customer Charge	\$365.24 per month
<u>Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)</u>	
Distribution Charge On Peak	0.501
Distribution Charge Off Peak	0.150
Reliability Enhancement/Vegetation Management	0.000
Total Distribution Charge On Peak	0.501
Total Distribution Charge Off Peak	0.150
Transmission Service Cost Adjustment	2.756
Stranded Cost Adjustment Factor	(0.090)
Storm Recovery Adjustment Factor	0.000

Demand Charges Per Kilowatt

Distribution \$7.78

Distribution Energy Charges Peak Periods

Peak hours will be from 8:00 a.m. to 9:00 p.m. daily on Monday through Friday excluding holidays.

Off-Peak hours will be from 9:00 p.m. to 8:00 a.m. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
2. 90% of the greatest fifteen-minute peak during the peak hours occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Any Demands established during the eleven (11) months prior to the application of this rate shall be considered as having been established under this rate.

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Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts and the Company is saved the cost of installing any transformer and associated equipment, a credit of billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit (\$0.42) per kW

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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General Long Hour Service Rate G-2

Availability

Retail Delivery Service under this rate is available for all purposes except resale subject to the provisions of this section. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be greater than or equal to 20 kW of Demand but is less than 200 kW of Demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate. A customer may be transferred from rate G-2 at its request or at the option of the Company if the customer's twelve (12) month average monthly demand is less than 18 kW of demand for three consecutive months.

If any electricity is delivered hereunder at a given location, then all electricity delivered by the Company at such location shall be furnished hereunder, except such electricity as may be delivered under the provisions of the Limited Commercial Space Heating Rate V.

Character of Service

Service supplied under this rate will be 60 cycle, three-phase alternating current normally at a nominal voltage of 120/208, 277/480, 2400, 4160, 4800, 7200, 13,200 and 13,800 volts. All voltages are not available in every area.

Rate Per Month

The Rate Per Month will be the sum of the applicable Customer, Demand and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge \$60.90 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	0.196
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution Charge	0.196

Issued: June 15, 2018

Issued by: /s/ Susan L. Fleck

Susan L. Fleck

Effective: June 1, 2018

Title: President

Transmission Service Cost Adjustment	3.079
Stranded Cost Adjustment Factor	(0.091)
Storm Recovery Adjustment Factor	0.000

Demand Charges Per Kilowatt

Distribution	\$7.83
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Demand

The Demand for each month under ordinary load conditions shall be the greatest of the following:

1. The greatest fifteen-minute peak during the peak hours which occurs during such month as measured in kilowatts,
2. 90% of the greatest fifteen-minute peak occurring during such month as measured in kilovolt-amperes where the Customer's kilowatt Demand exceeds 75 kilowatts, or
3. 80% of the greatest Demand as so determined above during the preceding eleven months.

Any Demands established during the eleven months prior to the application of this rate shall be considered as having been established under this rate.

Optional Determination of Demand

However, a Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items a) or b) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during such period.

High Voltage Metering Adjustment

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

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Effective: June 1, 2018	Title: <u> Susan L. Fleck </u> <u> President </u>

Credit for High Voltage Delivery

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of the peak hours billing demand for such month shall be allowed against the amount determined under the preceding provisions.

High Voltage Delivery Credit (\$0.42) per kWh

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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Issued by: /s/ Susan L. Fleck

Effective: June 1, 2018

Title: Susan L. Fleck
 President

General Service Rate G-3

Availability

Retail Delivery Service under this rate is available for all purposes except resale. The sale of electric vehicle charging services to a third party from an electric vehicle charging station shall not be considered resale of electricity. A Customer will take delivery service on this rate if the Company estimates that its average use will be less than 20 kW of demand. If electricity is delivered through more than one meter, except at the Company's option, the charge for electricity delivered through each meter shall be computed separately under this rate.

Character of Service

Service supplied under this rate will be 60 cycle, alternating current either:

- a) Single-phase normally three-wire at a nominal voltage of 120/240 volts.
- b) Three-phase secondary normally at a nominal voltage of 120/208, or 277/480 volts.
- c) Three-phase primary normally at a nominal voltage of 2400, 4160, 4800, 7200, 13,200 or 13,800 volts.

All voltages are not available in every area.

Rate Per Month

The rate per month will be the sum of the Customer and Energy Charges subject to the adjustments in this tariff:

Rates for Retail Delivery Service

Customer Charge \$14.02 per month

However, if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$2.48 for each KVA in excess of 25 KVA.

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	4.442
Reliability Enhancement/Vegetation Management	0.000
<hr/> Total Distribution Charge	<hr/> 4.442
Transmission Service Cost Adjustment	3.098
Stranded Cost Adjustment Factor	(0.092)
Storm Recovery Adjustment Factor	0.000

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Susan L. Fleck
Effective: June 1, 2018 Title: President

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

Reliability Enhancement Program and Vegetation Management Plan Adjustment

All energy billed under this rate is subject to a Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor which shall be adjusted from time to time.

Reliability Enhancement Program Capital Investment Allowance

Distribution base rates are subject to adjustment on an annual basis for a Reliability Enhancement Program Capital Investment Allowance.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Outdoor Lighting Service Rate M

Availability

Public Lighting

Available for Street or Highways and areas within the public domain for customers designated as governmental entities, inclusive of the state, municipalities, or other public authorities. Installations on limited access highways, tunnels, bridges and the access and egress ramps thereto are subject to the Special Rate Conditions of this tariff.

Private Lighting

Available to private customers for outdoor lighting of areas on private property where necessary fixtures can be supported on existing poles and where such service can be supplied from existing secondary distribution facilities. In special circumstances outlined in the pole and accessory section below, the Company will install a wooden pole.

Lighting Services

Service under this rate is for full-night service street lighting whereby the luminaire operates for the entire night time period pursuant to the Hours of Operation provision below. In addition, customers may, at their option, take advantage of part-night service in which the luminaire operates for a portion of the night pursuant to the Hours of Operation provision below. Customers may select the part-night service option at the time of lighting installation or at any time during service. Any request to select the part-time night service option must be made in writing.

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	0.000
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution	0.000
Transmission Service Cost Adjustment	1.879
Stranded Cost Adjustment Factor	(0.092)
Storm Recovery Adjustment Factor	0.000

No further installation or relocation of Incandescent and Mercury Vapor lights will be made after the effective date of this rate.

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 President

Pole and Accessory Charge

An additional annual charge enumerated below will be applied where the Company is requested to furnish a suitable wood pole for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated. This pole may not be more than one (1) span from the existing secondary service located along a roadway or thoroughfare, and must be reachable for mechanized equipment.

Description	Monthly Price Per Unit
Overhead Service	
Wood Poles	\$8.68
Underground Service – Non-Metallic Standard	
Fiberglass – Direct Embedded	\$8.99
Fiberglass with Foundation < 25 ft.	\$15.26
Fiberglass with Foundation >= 25 ft.	\$25.49
Metal Poles – Direct Embedded	\$18.18
Metal Poles with Foundation	\$21.93

Other Charges

Pursuant to RSA 9-E:4, the Company provides a part-night service that, when requested by a customer, will require the replacement of the photoelectric control that will allow for the operation of the luminaire for a portion of the night. The Company shall assess the customer a Part Night Charge of \$150 for the installation of each photoelectric control that must be replaced in order for part-night service to be operational and for the removal of such photoelectric control upon the customer’s request to return to full-night service. For installation or removal of each photoelectric control made during a scheduled maintenance visit or during the installation of a new outdoor lighting service, the Company shall assess the customer a Part Night Charge of \$20 for the installation or removal of each such photoelectric control. The Part Night Charge does not include the cost or fees associated with any work-zone protection, traffic control services and/or permits required to perform the customer requested change, all of which shall be the responsibility of the customer.

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 Title: President

The energy charges for each luminaire will be determined by multiplying the current energy charges per kilowatt-hour by the average monthly kilowatt-hours shown in the following table:

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 Light Output Lumens	Nominal 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 Roadway:

4,000	50	22	18	19	16	16	14	15	16	18	20	20	22	\$7.36
9,600	100	43	37	37	33	33	29	30	33	35	39	41	44	\$8.93
27,500	250	108	92	93	82	78	72	76	82	88	98	102	110	\$15.70
50,000	400	172	147	149	131	125	115	121	132	140	157	164	175	\$20.45

High Pressure Sodium Post Top:

9,600	100	43	37	37	33	33	29	30	33	35	39	41	44	\$10.29
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High Pressure Sodium Flood:

27,500	250	108	92	93	82	78	72	76	82	88	98	102	110	\$15.83
50,000	400	172	147	149	131	125	115	121	132	140	157	164	175	\$21.86

For Existing Installations Only:

Lamp Light Output Lumens	Nominal Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

Incandescent:

1,000	103	44	38	38	34	32	30	31	34	36	41	42	45	\$9.84
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Mercury Vapor Roadway:

4,000	100	22	18	19	16	16	14	15	16	18	20	20	22	\$7.11
8,000	175	43	37	37	33	33	29	30	33	35	39	41	44	\$8.66
22,000	400	108	92	93	82	78	72	76	82	88	98	102	110	\$16.38
63,000	1000	172	147	149	131	125	115	121	132	140	157	164	175	\$31.08

Mercury Vapor Flood:

22,000	400	108	92	93	82	78	72	76	82	88	98	102	110	\$18.11
63,000	1000	172	147	149	131	125	115	121	132	140	157	164	175	\$31.28

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For New and Existing Installations:

Lamp Light Output Lumens	Nominal Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<u>LED:</u>														
3,000	30	13	11	11	10	9	9	9	10	11	12	12	13	\$10.87
5,000	50	22	18	19	16	16	14	15	16	18	20	20	22	\$11.32
16,000	130	56	48	48	42	40	37	39	43	46	51	53	57	\$13.08
21,000	190	82	70	71	62	59	55	58	62	67	75	78	83	\$17.22
<u>LED Underground Residential Developments:</u>														
5,000	50	22	18	19	16	16	14	15	16	18	20	20	22	\$12.44
<u>LED Flood:</u>														
9,400	90	39	33	34	29	28	26	27	30	32	35	37	39	\$12.54
14,600	130	56	48	48	42	40	37	39	43	46	51	53	57	\$13.73
<u>LED Barn:</u>														
4,800	50	22	18	19	16	16	14	15	16	18	20	20	22	\$4.79

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.

Special Rate Conditions

Charges for the operation of outdoor lights may be increased if, in the Company's opinion, lights are to be installed in locations or under conditions such that estimated income will be insufficient to justify the estimated cost of construction.

Billings

One-twelfth of the annual price of luminaires, poles and accessories plus energy charges, including adjustments, will be billed each month beginning with the month following the month in which service is rendered.

Luminaire Charges and Pole and Accessory Charges will be based on the monthly rates above as measured from the date of the prior bill to the current bill date.

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Susan L. Fleck
Title: President

Charges per kWh will be based on the annual kWh per luminaire above. The monthly kWh amount shall be determined by allocating the number of annual operating hours for streetlights among the months. The sum of the monthly kWh for each light equals the annual kWh in this tariff. A daily kWh amount is determined from the monthly amount by dividing monthly kWh by the number of days in a month. The daily kWh amount is multiplied by the actual number of days for each calendar month during the billing period as measured from the date of the prior bill to the current bill date and then multiplied by the charge per kWh.

Hours of Operation

Full-Night Service: All streetlights will be operated every night from approximately one-half hour after sunset until approximately one-half hour before sunrise, a total of approximately 4,320 hours each year.

Part-Night Service: All streetlights will be operated every night from approximately one-half hour after sunset then turning off at a time equal to one-half of the previous standard service period and, as necessary, from five and one-half hours later until approximately one-half hour before sunrise, a total of no greater than 2,448 hours each year.

Failure of Lights to Burn

Should any light fail to burn for the full period provided above, and failure is due to some cause of condition which might reasonably have been prevented by the Company, a deduction will be made from the luminaire price of such light, upon presentation of a claim from the Customer. The deduction shall be equivalent to such part of the annual price thereof as is equal to the ratio that the time of any outage bears to the annual burning time of such light or lights. The provisions of this paragraph do not apply when failure to burn is due to an act of God, or an act or order of any Public Authority or accidental or malicious breakage, provided, however, the necessary repairs are made with reasonable dispatch upon notification by the Customer.

Excessive Damage

Excessive damage to poles, lamps, fixtures, or conductors due to wanton or malicious acts will be charged to the Customer at the actual cost of labor and material required for repair or replace the unit. "Excessive damage" is defined as that which occurs more than once a year. Notification of excessive damage shall be made to the Customer by the Company prior to billing for repairs.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Terms of Service

The customer shall receive and pay for outdoor lighting service for an initial term of five years from the date of installation. Unless notice of termination is given, service shall be extended thereafter for terms of one year. Either the customer or the Company may terminate outdoor lighting service by giving the other written notice at least six months before expiration of a term.

Discontinuance of Lights

Upon expiration of the initial five year term, the Customer may discontinue lights by written notice to the Company. Such discontinuance is contingent upon the customer paying the undepreciated value of the light installation plus a removal charge of \$50 per light. Removal of such lights will be completed in a reasonable period as agreed upon.

Conversion of Existing Lights to Sodium Vapor or LED

Public Street Lights

2. Incandescent lights - To any municipality or other governmental agency so requesting, the Company will initiate a conversion schedule for the replacement of incandescent lights with an appropriate sodium vapor light or LED. The conversion will be completed in a period as agreed upon.
3. Mercury vapor lights - To any municipality or other governmental agency so requesting, the Company will initiate a conversion schedule for the replacement of mercury vapor lights with an appropriate sodium vapor light or LED upon payment of the undepreciated value of the existing light. This payment may be spread equally over the following twelve month period. The conversion will be completed in a period as agreed upon.
4. Sodium Vapor lights - To any municipality or other governmental agency so requesting, the Company will initiate a conversion schedule for the replacement of sodium vapor lights with an appropriate LED upon payment of the undepreciated value of the existing light. This payment may be spread equally over the following twelve month period. The conversion will be completed in a period as agreed upon.

Public, Private, Street, or Outdoor Lights

Conversion of lights will be made as requested by the Customer and as agreed to by the Company, upon payment of the undepreciated value of the existing light and a \$50 per light conversion charge.

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Title: James M. Sweeney
 President

Energy Emergency Service

In the event of a generally recognized national and/or regional energy shortage or emergency, annual outdoor lighting may be disconnected upon written request of the Customer. In this event, a monthly charge will be billed at the rate of 80% of the normal charges for the duration of time the lighting service is disconnected.

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Effective: May 1, 2017

Title: James M. Sweeney
 President

Limited Total Electrical Living Rate T

Availability

The availability of this rate is limited to the following customers: 1) those who immediately prior to the effective date of this rate were served under Total Electric Living Rate T, NHPUC No. 8 - Electricity and are presently receiving service under this rate, and (2) those who requested service under this rate prior to May 1, 1982.

To such customers, delivery service under this Limited Total Electric Living Rate T continues to be available to the classifications below, subject to the conditions hereinafter stated:

Classifications

1. An individual residence or individual apartment.
2. A building or group of buildings under common ownership and operation, where the principal use of electricity is for living quarters. If the owner does not furnish all the electric requirements to the residential tenants of a building, the balance of these residential requirements may be billed individually to the tenants under this rate.
3. A church or school, including adjacent buildings owned and operated by such church or school and used principally for religious or education purposes.

Conditions

- d) Electricity must be the sole source of energy for space heating and water heating.
4. All electrical space heating equipment must be permanently installed. It is recommended that insulation be permanently installed and conform to the Company's standards.
5. All water heaters installed shall be of a type and size approved by the Company.
6. The Customer shall provide a separate circuit for the water heater, of ample capacity and designed for a 240-volt operation, to which no equipment other than the water heater shall be connected.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

Rates for Retail Delivery Service

Customer Charge \$14.02 per month

Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)

Distribution Charge	3.865
Reliability Enhancement/Vegetation Management	0.000
<hr/>	<hr/>
Total Distribution Charge	3.865
Transmission Service Cost Adjustment	3.507
Stranded Cost Adjustment Factor	(0.108)
Storm Recovery Adjustment Factor	0.000

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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	Susan L. Fleck
Effective: June 1, 2018	Title: <u>President</u>

Unmetered Electric Service Rate U

Unmetered services are usually not permitted. However, if after careful study it definitely appears the installation of a meter is impractical, due to the design of the Customer's equipment, then the Customer's monthly bill will be computed by applying the applicable electric rate schedule to a use arrived at by multiplying the total load by 730 hours.

This policy will not be applied when the load is controlled by the Company through a street lighting circuit, nor does it apply to traffic signals owned and controlled by Municipalities.

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Issued by: /s/ James M. Sweeney
James M. Sweeney

Effective: May 1, 2017

Title: President

Authorized by NHPUC Order No. 26,005 in Docket No. DE 16-383, dated April 12, 2017

Limited Commercial Space Heating Rate V

Availability

The availability of this rate is limited to the following customers: 1) those who immediately prior to the effective date of this rate were served under Commercial Space Heating Rate V, NHPUC No. 8 - Electricity and are presently receiving service under this rate, and 2) those who requested service under this rate prior to May 1, 1982.

To such customers, delivery service under this Limited Commercial Space Heating Rate V is available for space heating in buildings other than residences, where the Customer's premises are heated exclusively by electricity.

Air conditioning used in addition to electric space heating at this same location may also be served under this rate, provided that electricity is the sole source of energy, and all the requirements for these purposes are metered hereunder.

Electric space heating equipment shall be permanently installed and be of a type and size approved by the Company.

Service under this rate will be metered separately.

Any other use of electricity must be taken under an applicable general service rate.

This rate is not available for resale or auxiliary service.

Character of Service

Service supplied under this rate will be single phase, 60 cycle, alternating current, normally three-wire service at a nominal voltage of 120/240 volts or three-wire 120/208 volts, whichever is available at the location, or other voltages where available by special arrangement with the Company.

Rate Per Month

The rate per month will be the sum of the applicable Customer and Energy Charges subject to the adjustments in this tariff.

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Issued by: /s/ James M. Sweeney

Effective: May 1, 2017

Title: James M. Sweeney
 President

Rates for Retail Delivery Service

Customer Charge	\$14.02 per month
<u>Energy Charges Per Kilowatt-Hour (cents per kilowatt-hour)</u>	
Distribution Charge	4.567
Reliability Enhancement/Vegetation Management	0.000
<hr/>	
Total Distribution Charge	4.567
Transmission Service Cost Adjustment	3.111
Stranded Cost Adjustment Factor	(0.097)
Storm Recovery Adjustment Factor	0.000

Terms of Agreement

A Customer served under this rate must provide the Company with one-year prior written notice before installing additional on-site, non-emergency generation for its own use. This notice provision shall be waived with respect to the installation of on-site non-emergency generation from renewable energy resources. Renewable energy resources shall mean fuel cells (including natural gas powered fuel cells), and emerging power generation technologies that produce electricity from wind energy, solar energy, small-scale hydro power, ocean power, landfill gas, sustainably managed biomass, and future clean renewable technologies.

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Effective: June 1, 2018

Title: Susan L. Fleck
President

Authorized by NHPUC Order No. 26,138 in Docket No. DE 18-034 Dated May 31, 2018, Order No. 26,139 in Docket No. DE 18-050 Dated May 31, 2018, Order No. 26,140 in Docket No. DE 18-051 Dated May 31, 2018 and Order No. 26,141 in Docket No. DE 16-383 Dated May 31, 2018

RATES EFFECTIVE AUGUST 1, 2018
FOR USAGE ON AND AFTER AUGUST 1, 2018

Rate	Blocks	Distribution Charge	REP/VMP	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate	
D	Customer Charge	\$ 14.02		14.02						14.02		\$ 14.02	
	1st 250 kWh	\$ 0.04299	-	0.04299	0.03460	(0.00095)	-	0.00457	0.00055	0.08176	0.08299	\$ 0.16475	
	Excess kWh	\$ 0.04883	-	0.04883	0.03460	(0.00095)	-	0.00457	0.00055	0.08760	0.08299	\$ 0.17059	
Off Peak Water Heating Use 16 Hour Control ¹	All kWh	\$ 0.04039	-	0.04039	0.03460	(0.00095)	-	0.00457	0.00055	0.07916	0.08299	\$ 0.16215	
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	\$ 0.04114	-	0.04114	0.03460	(0.00095)	-	0.00457	0.00055	0.07991	0.08299	\$ 0.16290	
Farm ¹	All kWh	\$ 0.04416	-	0.04416	0.03460	(0.00095)	-	0.00457	0.00055	0.08293	0.08299	\$ 0.16592	
D-10	Customer Charge	\$ 14.02		14.02						14.02		\$ 14.02	
	On Peak kWh	\$ 0.10054	-	0.10054	0.03071	(0.00101)	-	0.00457	0.00055	0.13536	0.08299	\$ 0.21835	
	Off Peak kWh	\$ 0.00139	-	0.00139	0.03071	(0.00101)	-	0.00457	0.00055	0.03621	0.08299	\$ 0.11920	
G-1	Customer Charge	\$ 365.24		365.24						365.24		\$ 365.24	
	Demand Charge	\$ 7.78		7.78						7.78		\$ 7.78	
	On Peak kWh	\$ 0.00501	-	0.00501	0.02756	(0.00090)	-	0.00457	0.00055	0.03679			
											Effective 8/1/18, usage on or after	0.05941	\$ 0.09620
											Effective 9/1/18, usage on or after	0.06223	\$ 0.09902
											Effective 10/1/18, usage on or after	0.07009	\$ 0.10688
											Effective 11/1/18, usage on or after	0.07210	\$ 0.10889
											Effective 12/1/18, usage on or after	0.09323	\$ 0.13002
											Effective 1/1/19, usage on or after	0.11976	\$ 0.15655
	Off Peak kWh	\$ 0.00150	-	0.00150	0.02756	(0.00090)	-	0.00457	0.00055	0.03328			
											Effective 8/1/18, usage on or after	0.05941	\$ 0.09269
											Effective 9/1/18, usage on or after	0.06223	\$ 0.09551
											Effective 10/1/18, usage on or after	0.07009	\$ 0.10337
										Effective 11/1/18, usage on or after	0.07210	\$ 0.10538	
										Effective 12/1/18, usage on or after	0.09323	\$ 0.12651	
										Effective 1/1/19, usage on or after	0.11976	\$ 0.15304	
G-2	Customer Charge	\$ 60.90		60.90						60.90		\$ 60.90	
	Demand Charge	\$ 7.83		7.83						7.83		\$ 7.83	
	All kWh	\$ 0.00196	-	0.00196	0.03079	(0.00091)	-	0.00457	0.00055	0.03696		\$ 0.03696	
											Effective 8/1/18, usage on or after	0.05941	\$ 0.09637
											Effective 9/1/18, usage on or after	0.06223	\$ 0.09919
											Effective 10/1/18, usage on or after	0.07009	\$ 0.10705
											Effective 11/1/18, usage on or after	0.07210	\$ 0.10906
											Effective 12/1/18, usage on or after	0.09323	\$ 0.13019
											Effective 1/1/19, usage on or after	0.11976	\$ 0.15672
	G-3	Customer Charge	\$ 14.02		14.02						14.02		\$ 14.02
	All kWh	\$ 0.04442	-	0.04442	0.03098	(0.00092)	-	0.00457	0.00055	0.07960	0.08299	\$ 0.16259	
M	All kWh	\$ -	-	-	0.01879	(0.00092)	-	0.00457	0.00055	0.02299	0.08299	\$ 0.10598	
T	Customer Charge	\$ 14.02		14.02						14.02		\$ 14.02	
	All kWh	\$ 0.03865	-	0.03865	0.03507	(0.00108)	-	0.00457	0.00055	0.07776	0.08299	\$ 0.16075	
V	Minimum Charge	\$ 14.02		14.02						14.02		\$ 14.02	
	All kWh	\$ 0.04567	-	0.04567	0.03111	(0.00097)	-	0.00457	0.00055	0.08093	0.08299	\$ 0.16392	

¹ Rate is a subset of Domestic Rate D

Dated: June 28, 2018
Effective: August 1, 2018

Issued by: /s/Susan L. Fleck
Susan L. Fleck
Title: President