

STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY

Docket No. DE 19-057

SETTLEMENT AGREEMENT ON PERMANENT DISTRIBUTION RATES

This Settlement Agreement on Permanent Distribution Rates (“Settlement Agreement”) is entered into this 9th day of October, 2020, by and among Public Service Company of New Hampshire d/b/a Eversource Energy (“PSNH,” the “Company,” or “Eversource”), the Staff of the Public Utilities Commission (“Staff”), the Office of the Consumer Advocate (“OCA”), Clean Energy New Hampshire (“CENH”), New Hampshire Department of Environmental Services (“NHDES”), The Way Home (“TWH”), Acadia Center, Walmart, Inc., AARP New Hampshire (“AARP”), and ChargePoint, Inc. (collectively, “Settling Parties”). This Settlement Agreement resolves all issues among the Settling Parties regarding the Company’s request to establish permanent rates in Docket No. DE 19-057.

SECTION 1. INTRODUCTION AND PROCEDURAL HISTORY

1.1 On March 22, 2019, PSNH filed with the New Hampshire Public Utilities Commission (“Commission”) a Notice of Intent to File Rate Schedules pursuant to N.H. Code Admin. Rule Puc 1604.05 pertaining to a request for temporary rates. On April 26, 2019, the Company filed with the Commission proposed tariffs and rate schedules, testimony, attachments and other information supporting that request. In that submission, PSNH sought an increase in temporary rates of approximately \$33 million effective July 1, 2019, pending the Commission’s determinations on the Company’s permanent rate request. On April 26, 2019, the Company also filed with the Commission a Notice of Intent to File Rate Schedules pertaining to its request for permanent rates.

1.2 On March 25, 2019, the OCA filed a letter of participation in this docket pursuant to RSA 363:28. The Commission granted motions for interventions in this docket on various dates by CENH, NHDES, TWH, Acadia Center, Walmart, Inc., AARP, and ChargePoint, Inc.

1.3 On May 8, 2019 the Commission issued Order No. 26,250, suspending PSNH's proposed tariff for a temporary rate increase pending further investigation.

1.4 On May 28, 2019, the Company submitted its permanent rate filing seeking an increase in rates of approximately \$70 million effective July 1, 2019, inclusive of the temporary rate increase. The request was supported by proposed tariffs and rate schedules, testimony and attachments from 14 witnesses, and other information supporting that request. On June 7, 2019 the Commission issued Order No. 26,256 suspending Eversource's proposed tariff for a permanent rate increase pending further investigation.

1.5 Following discovery and a technical session, on June 13, 2019, PSNH filed a settlement agreement on temporary rates ("Temporary Rates Settlement Agreement") signed by PSNH, Staff, OCA and TWH.¹ On June 27, 2019, the Commission issued Order No. 26,265 approving the Temporary Rates Settlement Agreement for a temporary increase of \$28.3 million in the Company's annual distribution revenues effective for service rendered on and after August 1, 2019. The temporary rates were approved subject to reconciliation based on the outcome of the permanent rate case.

1.6 On June 28, 2019, the Commission approved an initial procedural schedule for adjudication of the Company's permanent rate request that included multiple rounds of discovery, technical

¹ CENH did not object to the Temporary Rates Settlement Agreement but elected not to sign it.

sessions, settlement conferences, Staff and intervenor testimony and Company rebuttal testimony, merits hearings, and an anticipated Commission order by May 20, 2020. Staff, OCA and other intervenors filed testimony on December 20, 2019 and the Company filed its rebuttal testimony on March 3, 2020.²

1.7 On March 24, 2020, the Staff filed a letter in the docket describing the status of the matter and the agreement of the Company to a three-month extension of the procedural schedule to account for the state of emergency declared by Governor Sununu on March 13, 2020, regarding the COVID-19 pandemic. PSNH confirmed its agreement to the three-month extension in a letter filed on March 26, 2020. On April 24, 2020, Governor Sununu issued Exhibit D to Executive Order #29, pursuant to Executive Order 2020-04 (Executive Order #29, Ex. D), extending the Commission's authority to suspend rate schedules by six months, from 12 to 18 months.³

1.8 AARP filed a pleading on April 16, 2020 seeking an order directing PSNH to file supplemental testimony to reflect the impacts of the pandemic. AARP also requested that the Commission stay the effectiveness of the previously approved temporary rates. PSNH filed an objection to these requests on April 27, 2020. The Commission denied the AARP request as to the temporary rates in Order No. 26,363 (June 16, 2020). However, the Commission directed PSNH to file supplemental testimony and, invoking the authority previously granted by the Governor in his emergency directives of April 24, 2020, suspended PSNH's permanent rate schedule for an additional 6 months. This resulted in a full 18-month period of suspension, to

² Pursuant to the Commission's Order No. 26,363, supplemental testimony on return on equity and other topics was also filed on July 16, 2020 by the Company, Staff and OCA.

³ See RSA 378:6, I(a) (ordinarily providing for 12-month suspension period).

November 28, 2020.⁴ The Commission also directed Staff to work with the parties to develop and propose a procedural and hearing schedule in order to resolve this matter as expeditiously as possible.⁵

1.9 On June 19, 2020, Staff submitted a proposed procedural schedule for hearings on the merits. On July 7, 2020, the Commission issued a Secretarial Letter approving Staff's proposed procedural schedule including 20 days of hearings beginning on August 19, 2020 and ending October 30, 2020.⁶

1.10 In the weeks prior to and following the Commission's order extending the suspension period, the Company, Staff and OCA engaged in settlement discussions, which were subsequently expanded to include additional intervenors. Based upon these discussions, the Settling Parties agreed to the terms of this Settlement Agreement, subject to Commission approval. The Settling Parties recommend and request that the Commission approve this Settlement Agreement without modification.⁷

⁴ Order No. 26,363, at 9-10 (June 16, 2020).

⁵ On May 28, 2020, the Commission issued Order No. 26,361 to remove from this docket issues related to rate design for charging electric vehicles ("EV") raised by intervenors to Docket No. IR 20-004, the Commission's investigation of EV charging rates and rate structure. Issues pertaining to EV infrastructure were retained in this docket.

⁶ On July 17, 2020, OCA submitted a motion for rehearing of certain determinations in the July 7 secretarial letter. Specifically, after making various rules-based, statutory and constitutional arguments, OCA asked the Commission to reconsider its decision to hold remote hearings in the rate case and to convene the parties for a prehearing conference. The Commission denied these requests on August 10, 2020 via Order No. 26,392.

⁷ AARP filed a motion on September 25, 2020 seeking certain procedural rulings relative to how the Commission would conduct its hearing on this Settlement Agreement. That motion was withdrawn, without prejudice, on October 5, 2020.

SECTION 2. REVENUE REQUIREMENT INCREASE

2.1 The Company shall be allowed a total revenue increase of \$44.987 million effective for service rendered on and after January 1, 2021, to be reconciled back to July 1, 2019, the effective date of temporary rates, consistent with Order No. 26,265 (June 27, 2019) in this proceeding.

2.2 The agreed-upon revenue increase reflects adjustments that have been made to the revenue requirement in order to reach settlement.

2.3 The Settling Parties agree to the following: (a) a total revenue requirement increase of \$44.987 million which includes a reduction of \$1.1 million as a settlement concession, among other adjustments up and down; and (b) that the Company shall be authorized to establish a regulatory asset in the amount of \$5 million to be recovered over 10 years through an annual amortization of \$500,000 per year following approval of this Settlement Agreement (i.e., over the period July 1, 2019 through June 30, 2029).

2.4 It is explicitly understood and agreed to among the Settling Parties that adjustments made to the revenue requirement for purposes of reaching settlement shall not establish precedent for future rate proceedings.

SECTION 3. PLANT IN SERVICE

3.1 Staff's testimony includes observations and concerns about the Company's documentation of certain capital projects involving their planning, budgeting and management. To address this concern, the Company shall work with Staff and the OCA to develop a regulatory review template to guide the development and production of capital project documentation generated through the Company's capital authorization process. The purpose of the regulatory review template shall be to facilitate the Commission's review of future requests of the Company to recover the costs of

capital investments. To the extent possible pending completion of the business process audit described in Section 3.2 below, the Company, Staff, and the OCA intend to develop the template prior to May 2021 for incorporation in the Company's step adjustment filing due May 1, as described below in Section 10. The template shall be subject to revision in future years based on the recommendations resulting from the business process audit, described below in Section 3.2.

3.2 To further address Staff's concerns regarding the inconsistent documentation of capital projects as described in Section 3.1 above, the Company agrees to a business process audit of the Company, consistent with the one described in Appendix 2 to be conducted and overseen by Staff. The Company may provide input on the list of potential bidders and the scope of services to be provided in the business process audit RFP. Staff's selection decision of an auditor shall be final and shall not be appealable to the Commission by the signatories to the Settlement Agreement.

3.3 The OCA's testimony includes observations and concerns regarding the Company's investments in automated meter reading ("AMR") infrastructure. To address these observations and concerns, the Company shall employ a nine-year depreciable life for its existing AMR infrastructure, using whole life depreciation.

3.4 During the proceeding, the Company provided information relating to its accounting for the retirement of meters that were taken out of service as part of the Company's deployment of automated meter reading ("AMR") meters. The Settling Parties have discussed the meter retirements during discovery, technical sessions, and information exchanges to review the accuracy and validity of the accounting for and the numbers of meters reflected in the settled cost of service in this proceeding. Staff and the OCA continue to have questions regarding the accounting for and the numbers of the meter retirements. As a result, the Company, Staff, and the

OCA shall continue working collaboratively to verify the accuracy of the accounting for and number of meter retirements. To facilitate this discussion, the Company may elect, either on its own or at the request of Staff or the OCA, to hire an independent accounting firm, at the Company's cost, to verify the accuracy of the meter plant account 370, and in particular the retirement entries associated with the meters that were removed as part of the AMR deployment. The scope of this work will include an analysis of meters and transactions currently recorded on the Company's books and records. The independent accounting firm's work may include some or all of the following tasks: (1) obtain an understanding of the addition, unitization and retirement process by selecting transactions, testing these transactions for certain attributes, and identify their existence in the appropriate asset systems; (2) validate the existence of the meter assets included in rate base through a reconciliation of assets to the respective asset systems (Meter Management System and/or Customer Information System); (3) determine that the cost and unit quantity recorded for each asset included in the fixed asset system is appropriate; and (4) determine the appropriateness of "AMR meter" retirements. Nothing in this settlement precludes the Staff or the OCA from petitioning the Commission, after such collaboration, to review the accounting for the retirement of the Company's metering infrastructure, except that any such petition, if filed, must be filed no later than April 30, 2021.

SECTION 4. METERING INFRASTRUCTURE: FEASIBILITY ASSESSMENT

4.1 The OCA's testimony includes observations and concerns regarding the Company's investments in automated meter reading ("AMR") infrastructure. For example, the functionalities provided by AMR infrastructure are limited when compared to those provided by advanced metering, which may be necessary to offer advanced rate designs and other offerings due to their ability to collect and transmit interval data. In light of these observations and concerns, the

Company shall conduct an assessment of the feasibility of deploying advanced metering functionality (“AMF”) in New Hampshire, building upon the work recently conducted by Eversource Energy in Connecticut and filed with the Connecticut Public Utilities Regulatory Authority. The assessment will include the following parameters, with the recognition that conditions in New Hampshire are different than those that prevail elsewhere in the Eversource Energy service territories:

- (a) The assessment shall be performed by an outside consultant mutually agreed to by Staff, the OCA, and PSNH. The outside consultant responsible for the feasibility study in Connecticut shall be evaluated first and, if not mutually agreed to by Staff, the OCA, and PSNH, other consultants shall receive consideration.
- (b) The assessment shall include (but not be limited to) an assumption that AMR meters had not been deployed by PSNH.
- (c) The Settling Parties agree that the assessment shall include the following components:
 - 1. The Assessment shall include a project management phase with a deliverable documenting the detailed project schedule with participation requirements by subject matter experts and stakeholders and weekly reports from the consultant documenting progress on Assessment deliverables highlighting project risks and mitigations;
 - 2. The Assessment shall analyze multiple scenarios, including but not be limited to: (i) a scenario that assumes that previously deployed analog meters remain in service and are manually read; (ii) the Company’s currently deployed meters and its current approach to meter reading; and

- (iii) a scenario assuming that the Company's existing AMR meters are replaced with technologies capable of offering advanced metering functionality, considering both full and partial (opt-in) meter deployment scenarios.
3. For each scenario that involves the deployment of new technologies, the assessment shall analyze the effects of all practicable deployment timelines;
 4. For each scenario, the Assessment shall quantify life cycle costs to deploy and maintain new infrastructure over the expected useful life of the assets;
 5. For each scenario, the Assessment shall document life cycle costs and benefits that can be quantified on a net present value basis, as well as those that may be characterized qualitatively;
 6. The Assessment shall examine whether existing broadband or cellular communication networks can be used and meters or other devices offering advanced metering functionality and time varying rates can be offered on an opt-in basis;
 7. The Assessment shall include a sensitivity analysis for the most impactful cost and benefit uncertainties. The scope of work shall include an assessment of New Hampshire customer propensity to adopt opt-in time of use rates and New Hampshire geographic and demographic considerations for AMF deployment; and
 8. The Assessment shall include a review of cybersecurity and confidentiality concerns associated with AMF.
- (d) Quantification of benefits within the no AMR meters scenario identified in item (b) above shall be for illustrative purposes only and shall not be determinative of how

costs and benefits would be quantified within any potential future proposals by PSNH.

- (e) The Company, Staff, and the OCA shall collaborate in good faith and exercise best efforts to mutually agree upon the scope of work based on the foregoing provisions, and each shall have the opportunity to comment on the consultant's draft deliverables. The Company and consultant shall provide periodic updates to the Staff and the OCA and solicit input of the Staff and the OCA on material decisions during development of the assessment.

SECTION 5. MAJOR STORM COST RESERVE

5.1 The Company shall include \$12 million annually in rates for the major storm reserve, consistent with the amount presently included in PSNH's rates.

5.2 Rather than implement a reconciling mechanism for storm costs, the Company shall be permitted to file for a separate, temporary amortization of storm costs for storm events that exceed \$25 million per event which may include a request to recover costs for repair of damage due to such storm events through a surcharge (Storm Cost Adjustment Mechanism).

5.3 The Company shall continue to file reports on storm costs annually on May 1, consistent with current practice. Storms that have 100 percent of costs booked will be included in each storm report and any storms with costs that are not 100 percent booked will be included in the storm report in the year following the booking of all costs.

5.4 The Company shall annually offset the storm cost account #186430 directly with the balance in the funding account #228430, or a related successor account.

SECTION 6. VEGETATION MANAGEMENT PROGRAM

6.1 The Company shall be allowed to include \$27.1 million annually in rates for vegetation management. Of this amount, \$11.6 million annually is associated with enhanced tree trimming (“ETT”) and hazard tree removal; \$14.0 million annually is associated with scheduled maintenance trimming (“SMT”); and \$1.5 million annually is associated with full-width right-of-way (“ROW”) clearing.

6.2 The following terms apply to annual reconciliation of vegetation management program costs:

- (a) The Company may request recovery of its actual annual vegetation management expenses up to 10 percent over, or any amount under, the total amount allowed in base rates (\$27.1 million), credited to or recovered through the annual Regulatory Reconciliation Adjustment Mechanism as further described in Section 9 below.
- (b) The Company shall submit a detailed vegetation management plan on or by November 15th each year starting in November 2020 for the following calendar year’s vegetation work. The Company shall provide a summary of budgeted costs by program (i.e. ETT/Hazard Tree Removal, SMT and Full-Width ROW Clearing). Further details relating to the contents of the vegetation management plan are included as Appendix 3.
- (c) The previous calendar year’s actual vegetation activity shall be reconciled to the budget each year in an annual report submitted to the Commission by March 1. If the actual expense incurred in the prior calendar year is less than the amount in base rates (\$27.1 million) the Company may request either to carry that amount into the

next program year as an offset to the current year's expenditures or to return the under-spent amount to customers as a credit to the Regulatory Reconciliation Adjustment, subject to Commission approval. If the actual expense incurred in the prior calendar year is greater than the amount in base rates, the Company shall be allowed to recover amounts up to 10 percent of the amount in base rates through the Regulatory Reconciliation Mechanism (\$2.71 million + \$27.1 million = \$29.81 million total), subject to Commission approval. Amounts greater than 10 percent over the amount in base rates shall not be recovered through the Regulatory Reconciliation Adjustment Mechanism or any other recovery mechanism.

- (d) The first actual base rate reconciliation to be performed in the March 1, 2021 filing shall reconcile the costs from the period July 1, 2020 through December 31, 2020. The period January 1, 2020 through June 30, 2020 shall be reflected in the Company's recoupment adjustment.

6.3 The Company shall undertake a review of ETT and Hazard Tree Removal activities in an engineering review described in Section 11. The engineering review shall assess the benefits and costs of ETT and Hazard Tree Removal and make recommendations for targeted application of those programs and may result in adjustment to ETT/ Hazard Tree Removal budget after the review has been completed, as determined by the Commission pursuant to Section 11.5 of this Settlement.

SECTION 7. COST OF SERVICE ADJUSTMENTS

7.1 Since the time of restructuring, PSNH has been permitted to defer estimated environmental remediation/manufactured gas plant (“MGP”) costs primarily relating to former generation sites.⁸ The Company shall be allowed to recover the environmental reserve/MGP liability in the Stranded Cost Recovery Charge (“SCRC”) rate at equal cents per kWh across customer classes rather than in distribution rates. To address the shift to the SCRC, the Company has removed an annual amortization of \$2.3 million over four years as of December 31, 2018 from its proposed revenue requirement in this case and shall include it in the SCRC filing following approval of this Settlement Agreement. The amounts to be recovered in the SCRC shall be updated to reflect the actual deferred balance as of the time of the SCRC filing and be amortized over a four-year period. Future environmental costs shall be recovered on a current basis through the SCRC.

7.2 The Company shall use whole life depreciation.

7.3 On a monthly basis, the Company records an accrual for uncollectible expense representing an estimate of the amounts billed to customers but not paid and finally written off after all collection measures are exhausted. This monthly uncollectible expense accrual is calculated using a factor of historical account write-offs divided by revenue and multiplied by the current month retail revenue. Consistent with the Commission’s previously approved method,⁹ an amount equal

⁸ Under the terms of the 1999 PSNH restructuring settlement agreement as approved by the Commission in Docket No. DE 99-099, and as approved in three subsequent rate proceedings (Docket Nos. DE 03-200, DE 06-028, and DE 09-035), PSNH was allowed to defer estimated MGP liabilities as they are accrued for future recovery. The estimated costs were recognized when PSNH’s environmental scientists quantified the costs of site remediation, and when remediation work begins at a site, the reserve account is charged for remediation costs, such as labor and materials. The regulatory asset established for environmental costs, with appropriate carrying charges, is amortized to expense once recovery begins.

⁹ As discussed in the testimony of Eric H. Chung and Troy M. Dixon, Bates pages 092-93, the Company calculated uncollectible expense by taking total test year retail revenue of \$953,681,402 multiplied by a net write off ratio of 0.6571 percent, which represents a 3-year average of actual customer net write-offs as a percentage of retail revenues for the calendar years 2016 through 2018. This resulted in a total uncollectible expense of \$6,266,640.

to 47.7 percent of uncollectible expense shall be allocated to and collected in the default Energy Service Rate, consistent with the Company's initial filing.

SECTION 8. COST OF CAPITAL

8.1 The Company shall be allowed a return on equity of 9.3 percent.

8.2 The Settling Parties have agreed that a capital structure of 54.4 percent equity and 45.6 debt shall be used for purposes of determining the Company's revenue requirement in this proceeding.

8.3 The Company shall be allowed a pre-tax weighted cost of capital of 6.87 percent.

8.4 The capital structure and overall cost of debt has been adjusted to reflect the issuance of \$150 million in long-term debt in August 2020 at favorable rates, which reduced both PSNH's cost of debt and its overall cost of capital.

SECTION 9. ANNUAL REGULATORY RECONCILIATION ADJUSTMENT MECHANISM

9.1 The Company shall be authorized to implement an annual Regulatory Reconciliation Adjustment ("RRA") mechanism, which is intended to allow the Company to request recovery or refund of the limited set of costs identified below:

- (a) Regulatory Commission annual assessments and consultants hired or retained by the Commission and OCA. In accordance with RSA 363-A:6, amounts above or below the total Commission assessment, less amounts charged to base distribution and default Energy Service, shall be recovered through the RRA. The amount in

That amount was then allocated 52.3 percent to distribution and 47.7 percent to energy service based on the ratio of test year distribution revenues to the sum of test year distribution revenues plus test year energy service revenues. This calculation is also provided in Attachment EHC/TMD-1 (Perm), Schedule EHC/TMD-8 (Perm), page 2. The allocation methodology was first established as a result of the settlement order in Docket No. DE 06-028 in which the Company was directed to allocate uncollectible expense using the proportion of distribution and energy service revenues.

base distribution rates pertaining to Commission assessments is \$5,220,056 reflecting the fiscal year 2020 assessment to PSNH and excludes \$10,000 which is to be recovered through the default Energy Service rate per Docket No. DE 14-238 and RSA 363-A:2, III. Additionally, legal and consulting outside service charges related to Commission approved special assessments assessed by the Commission to the Company for the expenses of experts employed by the Commission, Staff, and OCA pursuant to the provisions of RSA 365:37, II, RSA 365:38-a, and RSA 363:28, III shall also be recovered through the RRA. The Settling Parties acknowledge that current base distribution rates do not include any costs associated with consultants hired or retained by the Commission, Staff, and OCA, and any costs incurred within the calendar year shall be included in the RRA for recovery in the year following the year in which they are incurred. To the extent any such costs are recovered through another rate or method, they shall not be recovered through the RRA.

- (b) Vegetation management program variances as described in Section 6 above. The RRA shall include the calendar year over- or under-collection from the Company's Vegetation Management Program. The over- or under-collection shall be credited or charged to the RRA on August 1 of the following year. The Company may request transfer of unspent amounts to the subsequent year's Vegetation Management Program budgets. The amount in base rates shall be \$27.1 million for ETT, Hazard Tree Removal, ROW and SMT programs. The amount to be recovered in the RRA shall be based on the overall vegetation management program variance for the prior calendar year, rather than variances for individual

activities within the overall program. The first RRA shall recover any over/under recoveries for the July 1, 2020 – December 31, 2020 vegetation management program associated with activities related to ETT, Hazard Tree Removal, and ROW clearing consistent with the expenditures noted in extension of the Temporary Rates Settlement Agreement as described in the Staff's March 24, 2020 letter in this docket. The first full year of the \$27.1 million total vegetation management program reconciliation shall begin in the 2021 annual reconciliation.

- (c) Property tax expenses, as compared to the amount in base rates. Consistent with RSA 72:8-e, property tax over- or under-recoveries as compared to the amount in base distribution rates shall be adjusted annually through the RRA. The amount included in base distribution rates for property tax expense shall be \$45,186,407 based on property tax expense as of December 2019, normalized to exclude any credits related to property tax settlement proceeds for tax years preceding the test year. On an annual basis, actual property tax expense for the prior calendar year shall be compared against the amount in base rates and any variances will be reconciled through the RRA mechanism. Annual actual property tax expense shall be normalized to adjust for any credits received due to abatement settlement proceeds received for tax years preceding the test year. The RRA shall recover any over- or under- recoveries beginning in calendar year 2020.
- (d) Lost-base distribution revenues associated with net metering, as calculated consistent with RSA 362-A:9, VII and the Commission's approved method in Order No. 26,029 (June 23, 2017) in Docket No. DE 16-576. The Settling Parties acknowledge that base distribution rates do not include any lost base distribution

revenue associated with net metering for installations occurring on or after January 1, 2019. The amount of lost base distribution revenue shall be calculated based on the cumulative net metering installations from January 1, 2019 forward unless a different recovery methodology is adopted by the Commission in Docket No. DE 20-136, Recovery Mechanism and Rate Treatment for Net Metering and Group Host Costs, or any other docket. The RRA shall recover lost base distribution revenues beginning as of January 1, 2019.

- (e) Storm cost amortization final reconciliation and annual reconciliation updated for actual cost of long-term debt. The RRA shall be used to reconcile the recovery amount of the storm costs through December 31, 2018, which are included for recovery as part of the temporary rate increase. Consistent with the temporary rate settlement, the \$68.5 million currently being recovered over five years shall be reconciled based on final actual costs, including any audit adjustments, and to reflect the actual cost of debt over time. As part of the temporary rate settlement agreement, PSNH began amortizing the unrecovered storm costs as of December 31, 2018, which were estimated to be \$68,474,355, over a five-year period beginning August 1, 2019. As of August 1, 2019, PSNH began applying a carrying charge on these storms equal to its embedded cost of long-term debt. On an annual basis through July 31, 2024, the RRA shall reconcile the amortization amount to adjust for the Company's actual cost of long-term debt interest rate as filed in the Company's Form F-1 on a quarterly basis.

9.2 The RRA shall be established annually based on a full reconciliation with interest for any over- or under-recoveries occurring in prior year(s). Interest shall be calculated at the prime rate,

to be fixed on a quarterly basis and to be established as reported in *The Wall Street Journal* on the first business day of the month preceding the calendar quarter (“Prime Rate”). If more than one interest rate is reported, the average of the reported rates shall be used. Accumulated Deferred Income Taxes (“ADIT”) shall not be included in the calculation of carrying charges on the over or under recovery of the RRA. ADIT reflects deferred income taxes caused by differences in accounting for expenses for tax purposes as compared to book accounting purposes. The carrying charges applicable to the RRA are intended to represent a proxy (Prime Rate) for the short-term cost to customers of over-collecting, or to the Company of under-collecting expenses. Because, unlike rate base ADIT, the items recovered through the RRA will generally turn around over a much shorter time period than plant-related ADIT, and because the Prime Rate is not intended to reflect the Company’s weighted average cost of capital, the Company will not include ADIT in the calculation of carrying charges for over or under recoveries associated with the RRA. For purposes of billing under the alternative net metering tariff that became effective September 1, 2017, the RRA shall be considered part of the credit to net metering customers, unless determined otherwise by the Commission, either in Docket No. DE 20-136, Recovery Mechanism and Rate Treatment for Net Metering and Group Host Costs, or otherwise.

9.3 By March 1 of each year the Company shall submit a filing containing reports on PSNH’s reliability statistics and vegetation management activities, and requesting the Commission open a new docket to consider the filing and other RRA issues. Such reports shall include information on reliability and vegetation management activities similar to information historically included in the Company’s Reliability Enhancement Plan filings. Further detail regarding the report contents is provided in Appendix 4. The Company shall also include as part of this annual filing the proposed adjustment to the August 1 RRA associated with prior calendar year vegetation management activities, as described in Section 9.1(b) above. On or by May 1 of each year, the Company shall

update its RRA filing with information pertaining to all other components of the RRA filing, along with supporting testimony and exhibits for rates effective August 1.

SECTION 10. STEP ADJUSTMENTS

10.1 The Company shall be allowed three step adjustments as follows:

- (a) Step 1 shall reflect an increase to account for calendar year 2019 plant-in-service and shall be implemented concurrent with the increase in base rates in this proceeding. This first step shall be subject to the following conditions:
 - i. The revenue requirement shall be capped at \$11 million.
 - ii. The step shall include only allowed projects and annual projects and programs closed to plant in 2019, excluding new business/growth-related projects.
 - iii. The rate for the first step shall be designed to recover the value of the step adjustment from January 1, 2021 through July 31, 2021. Beginning August 1, 2021 (the rate effective date of the second step adjustment), the rate shall be adjusted going forward to reflect a 12-month calendar recovery of the first step.
 - iv. The projects and programs that may be included in the step are identified in the listing attached as Appendix 5.
- (b) Step 2 shall reflect an increase for calendar year 2020 plant-in-service and shall be effective August 1, 2021, subject to the following conditions:
 - i. The revenue requirement associated with this step shall be capped at \$18 million.

- ii. This step shall include only allowed projects/programs closed to plant in 2020, excluding new business/growth-related projects.
 - iii. The projects and programs that may be included in this step are identified in the listing attached as Appendix 5. The Settling Parties agree that the Company may substitute projects prior to the commencement of the review period if projects identified in this appendix are not deployed.
- (c) Step 3 shall reflect an increase for calendar year 2021 plant-in-service to be effective August 1, 2022 and shall be subject to the following conditions:
- i. The revenue requirement associated with this step shall be capped at \$9.3 million.
 - ii. This step shall include only allowed projects and programs closed to plant in 2021, excluding new business/growth-related projects.

10.2 For the first step, the following process shall apply. In recognition of the limited time to make changes to the Company's documentation as well as the historical nature of the projects in issue, for the first step increase related to capital investments made in 2019, the Company shall make a filing at or around the time of the filing of this Settlement Agreement with testimony and supporting information describing the capital projects placed in service in calendar year 2019, as well as testimony and supporting information describing the proposed rate impact, using the documentation available at the time of the filing. In addition, the Company's initial filing shall provide a summary list of capital projects, excluding new business projects, showing, at least: the project name and description; initial budget by project; variances from the initial budget; and final actual costs. After the Company's initial filing, and upon the request of Staff, the Company shall provide further information related to a sampling of the Company's projects, including but not

limited to Project Authorization Forms, Supplemental Request Forms, and work order cost detail summarized at the project level by cost category over the life of the project.

10.3 For the second and third steps the following process shall apply. The Company shall make a filing by May 1, 2021, for the second step increase, with rates effective August 1, 2021 and the Company shall make a filing by May 1, 2022, for the third step increase, with rates effective August 1, 2022. Each filing shall include, at least, the following documentation and process steps:

- (a) The Company shall provide the amount of the investments to be included in the step increases (by project) and detailed project descriptions including the initial budget, the final cost, and the date on which each project was booked to plant in-service.
- (b) For each project, all project documents will be provided including, but not limited to, Project Authorization Forms, Supplemental Request Forms, and work order cost detail summarized at the project level by cost category over the life of the project.
- (c) After the Company's initial filing, and upon request of Staff, the Company shall provide additional information to aid in review of the initial filings.
- (d) For the second and third step increases, the Company shall conform the documentation to the template to be agreed to in accordance with Section 3 above, to the extent possible and subject to limitations that may exist in relation to retroactive application of a new format.
- (e) For all steps, including the first step, the Company agrees that if the actual costs are less than budgeted amounts, the actual amounts shall be used to calculate the step

adjustments. If the actual cost of the capital additions exceeds the budgeted amounts, the Company may seek recovery of the excess through the step adjustment process, up to the specified step adjustment caps. If not addressed through the step adjustment, the Company may seek recovery in its next rate case.

- (f) The revenue requirement for the step adjustments shall be calculated in a manner similar to that used in the Company's initial filing at Bates 313-320 (Attachment EHC/TMD-3 (Perm)), except that it will exclude recovery of Enterprise IT Project costs, and Union Contractual Adjustments.
- (g) With respect to timing of filing documentation and the step process, the Company shall file the required documentation and supporting information on or by May 1 of each year for rates effective as of August 1 of each year. The Company acknowledges that: (1) Staff and the OCA require at least 90 days to review the each step; and (2) Staff and the OCA agreement to step adjustments does not foreclose full prudence review during analysis of each step adjustment, including the Company's decision to make an investment and the management of each project.
- (h) Incremental equipment/project costs directly resulting from the Company's recently revised SYSPLAN 008 and SYSPLAN 010 shall be ineligible for recovery within these steps. Project costs relating to asset condition may be recoverable.

10.4 All step increases shall be subject to Staff audit and reconciliation based on the results of the audit, as approved by the Commission.

10.5 Nothing in this Settlement Agreement shall preclude the Settling Parties from disputing the prudence of individual investments requested for recovery within the step increases.

10.6 The Company shall not request recovery of any capital costs associated with plant placed in service outside of the above-described step adjustments until the Company's next distribution rate case filing, which shall be based on a test year ending no sooner than December 31, 2022, and which shall be filed no earlier than the first quarter of 2023.

SECTION 11. ASSESSMENT OF FUTURE DISTRIBUTION INFRASTRUCTURE NEEDS

11.1 The Company's initial petition included proposals related to certain practices and planned capital investments related to system resilience, and the potential acceleration of those investments under what it described as a Grid Transformation Enablement Program. Several parties filed testimony containing observations and concerns regarding those investments. In light of these observations and concerns, at the Company's expense, the Company shall hire an engineering firm to perform a condition assessment of the PSNH distribution infrastructure, including substations, to provide recommendations related to the Company's short and long-term system needs consistent with the requirements of least-cost integrated resource planning.

11.2 As part of the condition assessment, the engineering firm shall review the cost-effectiveness of using: (1) steel poles in right-of-way (ROW); (2) Class 2 poles as a standard pole; (3) composite cross arms; (4) relocated ROW facilities; (5) spacer cable and tree wire; and (6) reconductoring of under-sized wire. The assessment shall also include ETT and Hazard Tree Removal activities.

11.3 The Company intends to continue with its current practices as defined in Section 11.2 above pending the engineering firm's assessment and substantiation of those practices as consistent with good utility practice and least-cost planning, subject to Commission determination.

11.4 At the Company's expense, the Company shall conduct a comprehensive survey of PSNH's customers regarding their prioritization of reliability and resiliency versus cost. The Company shall work collaboratively with Staff and the OCA on development of the survey instruments.

11.5 The New Hampshire-specific engineering assessment and survey shall be submitted by March 31, 2021 as supplemental testimony in the docket for the Company's 2020 least-cost integrated resource plan (LCIRP) filing.

11.6 The Settling Parties agree the Commission may contract with a consultant to review the results of the PSNH consultant's engineering assessment, and perform other engineering work as needed. The costs of such a review shall be recoverable through the RRA mechanism.

SECTION 12. FEE FREE CREDIT/DEBIT CARD PAYMENT

12.1 In recognition of a general transition to "cashless" business transactions, with customers both expecting and preferring to use their credit/debit cards to pay their bills through mobile or on-line applications, as well as customer dissatisfaction with present bill payment options. PSNH proposed implementing a "fee free" option through its payment processing vendor that would allow customers to pay their monthly bills with a credit/debit card without incurring a transaction fee. The Settling Parties agree that PSNH shall implement a modified version of this proposal as described below.

12.2 PSNH shall implement a fee free credit/debit card payment system through its third-party vendor consistent with the proposal described in the testimony of PSNH witness Penelope McLean Conner, subject to the following:

- (a) At this time, fee free credit/debit card payments shall be implemented as an option for residential customers and shall only be available for one-time (i.e., not automatic recurring) payments. Customers who wish to pay by credit or debit card each month shall be required to enter their credit or debit card payment information for each payment made.
- (b) PSNH shall monitor the adoption rate by customers and shall report on the adoption rate to the Staff and OCA. Based upon the information reported, PSNH shall work with the Staff and OCA to determine whether amendments to the fee free program, such as expansion to commercial customers or to allow for recurring payments, should be recommended to the Commission for approval.
- (c) Information on the updated costs and adoption rates of the fee free program are included in Appendix 6.

12.3 The Company may recover \$375,000 of program-related costs in base rates annually beginning January 1, 2021, subject to reconciliation at the time of the Company's next rate case, with carrying charges on the over- or under-recovered balance calculated using the Prime Rate. If the actual costs resulting from customers' adoption of the fee free option exceed the \$375,000 allowed in rates in the first year, the Company shall increase the amount in rates to an amount reflecting the estimated cost, but not more than \$520,500, effective February 1, 2022. Testimony

and supporting materials relating to such increase, if requested, shall be included in the materials submitted with the Company's SCRC filing for effect on February 1, 2022.

SECTION 13. NEW START - ARREARS MANAGEMENT PROGRAM

13.1 Consistent with programs currently offered by PSNH's affiliates in Massachusetts and Connecticut, PSNH proposed implementing the "New Start" program in New Hampshire. New Start is an arrears management program that provides payment assistance for qualifying residential customers struggling with past due utility bills where for every required monthly payment an enrolled customer makes to the Company, a portion of their past due balance will be forgiven. The intent of the program is to: enable the customer to develop consistent bill payment habits; protect the customer from service disconnection while participating in the program; and enable the customer to get a fresh start as the arrears are forgiven with each payment made. The Settling Parties agree that PSNH shall implement the New Start program in New Hampshire.

13.2 Initial programming costs for implementing the New Start program shall be recovered in base rates, rather than through the RRA. The Company may recover \$340,000 of program start-up costs in base rates annually beginning January 1, 2021, subject to reconciliation at the time of the Company's next rate case, with carrying charges on the over-or under-recovered balance calculated using the Prime Rate. The Settling Parties acknowledge that implementing the program will require substantial programming changes, and customer and community education, and that, at present, such implementation is targeted to occur in the first quarter of 2022.

13.3 The Company shall be permitted to recover \$1,077,356 in base rates annually beginning February 1, 2022, subject to reconciliation at the time of the Company's next rate case, with carrying charges on the over- or under-recovered balance calculated using the Prime Rate. This

recovery shall fund a reserve account for funds collected through rates for the program. Testimony and supporting materials relating to implementing this adjustment to base rates shall be included in the materials submitted with the Company's SCRC filing for effect on February 1, 2022.

13.4 A description of the program rules is set out more fully in Appendix 7 and includes the following general requirements:

(a) \$12,000 per customer annual cap on forgiveness.

(b) The program shall be available to any customer whose account is coded "financial hardship" consistent with the Commission's Puc 1200 rules, and whose account has a balance of \$150 or more that is at least 60 days past due.

13.5 The New Start program shall initially be designed for implementation in line with the description in Appendix 7. The Company shall convene a stakeholder group within 60 days of the Commission's approval of this settlement agreement to develop a comprehensive program design for the New Start program and to assist in the long-term monitoring and evaluation of the program. The stakeholder group shall be open to interested members of the Settling Parties, and any other interested parties.

The stakeholder group shall not be considered as attached to the Commission, and the Staff will serve as a non-voting member of the group. Staff will attend meetings at its discretion.

The stakeholder group shall file a report with the Commission within 120 days of the final order in this proceeding to recommend a comprehensive program design. The members of the stakeholder group shall work in good faith through the stakeholder group process to reach consensus on the design of the program. The report shall include the recommendations of the

group and shall describe areas of consensus and any areas of disagreement. In cases of disagreement, a disagreeing member may make its own recommendations to the Commission concerning the program design

The stakeholder group shall determine its purposes and activities, which may include monitoring the program, addressing communication and training for social service agencies, and reviewing communications for customers pertaining to the program. Following completion of agreed business design requirements, the stakeholder group may meet periodically as it deems necessary and proper to review the program and make recommendations on further refinements while maintaining the core program design.

13.6 The Company shall develop a plan and format for quarterly reporting to be included in the stakeholder group report described in Section 13.5 above, utilizing the metrics described in Appendix 7. Such reports shall be filed with the Commission and provided to the stakeholder group on a quarterly basis until such time the stakeholder group determines a different reporting time.

SECTION 14. TARIFFS AND RATE DESIGN

14.1 The Settling Parties agree that the updates to the fees and charges as described in the updates to the Terms and Conditions of the Company's tariff, as well as the updates to the fees and charges pertaining to competitive electric power suppliers, provided in its initial filing should be approved as filed.

14.2 There shall be no tariff provision allowing default Energy Service customers to block incoming enrollments from competitive suppliers as had been proposed in the Company's initial filing.

14.3 The Company shall propose a symmetrical decoupling mechanism in its next rate case. The Settling Parties acknowledge that provision does not necessarily constitute support of decoupling in principle nor support of any particular version of decoupling by any party, and does not prejudice any party's right to oppose, or to seek to modify, such proposal in the next rate case.

14.4 The Company's customer charge shall remain at the level implemented pursuant to the Temporary Rates Settlement Agreement until the Company's next rate case. Specifically, except for outdoor lighting rates, the base rate increases and any surcharges or sur-credits provided for in this Settlement, shall be collected solely through changes in consumption or demand charges.

14.5 The Settling Parties agree that the revenue increase shall be allocated in equal proportionality among the classes. For clarity, the Company shall directly assign costs to the outdoor lighting classes, and then allocate the remainder of the costs to each customer class on an equal percent basis. Specifically, the Company shall reduce the outdoor lighting class revenue allocation of costs by \$1.356 million and then allocate the total permanent rate increase in equal proportionality among all rate classes. The calculation of the allocation is included in Appendix 10.

14.6 Within six months of the Commission's approval of this Settlement Agreement, the Company shall propose amendments to its tariff to revise its optional time-of-day rate for residential customers. Such proposal shall include, but not be limited to, a two-period rate structure consisting of peak and off-peak periods, with a peak period lasting no more than eight hours. PSNH shall collaborate with interested members of the Settling Parties and other stakeholders in developing the proposal.

14.7 The Company agrees to phase out declining block rates for all rate classes where such rates exist. Half of the differential between the relevant blocks will be eliminated within this rate case, and the remaining half will be eliminated as part of the Company's next rate case.

14.8 The Company shall make the following changes to its tariff relative to outdoor lighting:

- (a) The assumed hours of operation contained in PSNH's Rate OL and Rate EOL shall be adjusted to one-half hour after sunset to one-half hour before sunrise consistent with those times for Concord, New Hampshire specified in the 2020 edition of the Farmer's Almanac and data available from the U.S. National Oceanographic Atmospheric Administration (NOAA). Midnight lighting hours shall be adjusted accordingly. The relevant adjustments shall be made available once necessary programming and bill changes have been implemented.
- (b) PSNH's Rate EOL will also be amended to include language allowing for advanced lighting controls. The relevant adjustments shall be made available once necessary programming and bill changes have been implemented.
- (c) PSNH shall create a new rate which will align more closely with the language of the Liberty Utilities LED-2 rate to allow additional flexibility and options for municipalities to install advanced lights and lighting controls, and to allow municipalities to own and maintain the streetlights in their communities. PSNH shall work with interested parties on final tariff language to implement this provision with a goal of having new tariff language submitted to the Commission for approval during the first quarter of 2021. A framework for this new rate offering is set out in Appendix 8. At the time the new tariff language is submitted, the

Company will also specify the effective dates of the changes set out in Sections 14.8(a) and (b) above.

SECTION 15. RECOUPMENT

15.1 The Excess Deferred Income Tax (“EDIT”) credit associated with Protected Property and Unprotected Pension (amortized over 10 years) shall be incorporated as a component of base rates, resulting in a reduction of the revenue deficiency of approximately \$5.1 million.

15.2 To the extent the Company experiences higher arrearages than anticipated due to the on-going pandemic, those arrearages shall be addressed in a separate docket specific to the costs and issues of the pandemic.

15.3 For EDIT balances not reflected in permanent base rates, the Company shall establish a tax sur-credit mechanism to ensure customers receive the full amount to which they are entitled and that the Company does not credit more than it owes. The sur-credit mechanism will incorporate the following:

- (a) 2018/2019 Federal EDIT balance of \$13.3 million will offset recoupment amount.
- (b) Remaining 5-year Federal EDIT balance of \$5.2 million.
- (c) Total 5-year NH EDIT balance of \$4.9 million.
- (d) Amortize the total balance to be returned via the Tax Cuts and Jobs Act (“TCJA”) sur-credit so that the liability is extinguished by the end of 2023.
- (e) See Appendix 1 for calculation of recoupment amount, net of \$13.3 million and the TCJA sur-credit.

SECTION 16. ELECTRIC VEHICLES

16.1 The Settling Parties acknowledge that matters of rate design regarding electric vehicles have been excluded from this rate case and are only included by reference in this Settlement Agreement with respect to one or more future filings by the Company in a separate docket, as discussed in paragraph 16.2(b) below.

16.2 With respect to make-ready investments supporting electric vehicle charging infrastructure, the Settling Parties agree to the following:

- (a) Within four months following the Commission's approval of this Settlement Agreement, PSNH shall file a proposal for make-ready investments supporting electric vehicle charging infrastructure in New Hampshire and request that the Commission open a new docket to consider the proposal;
- (b) As part of the filing referenced in (a) above, PSNH shall include a proposal for an alternative to demand charges for electric vehicle charging rates unless the Commission determines otherwise in the adjudicative proceeding announced in Order No. 26,394 (August 18, 2020) in Docket No. IR 20-004; and
- (c) PSNH shall collaborate with interested members of the Settling Parties in developing the proposal referenced in (a) above and other stakeholders requesting to be included.

16.3 The Settling Parties expressly acknowledge that this Settlement Agreement does not include or contemplate any specific cost recovery relating to any proposed deployment or development of electric vehicle charging infrastructure. In any future proposal by the Company

to support electric vehicle charging infrastructure, the Company shall include, at a minimum, information on the costs and benefits of such infrastructure which identifies the customers or customer classes to which the costs and benefits apply. The Company shall bear the burden of justifying any cost recovery proposed, and any of the Settling Parties, or other participants to the future proceeding, are free to take any position they choose relative to the proposed infrastructure investment and any proposed cost recovery.

SECTION 17. EFFECTIVE DATE

17.1 This Settlement Agreement is subject to and shall become effective upon Commission approval, with new permanent rates to become effective as of January 1, 2021. The Settling Parties shall use best efforts to obtain Commission approval on or before November 28, 2020.

SECTION 18. GENERAL PROVISIONS

18.1 A timeline of the events and filings contemplated by this Settlement Agreement is included as Appendix 11.

18.2 A revised tariff intended to incorporate the provisions of this Settlement Agreement is included as Appendix 9.

18.3 This Settlement Agreement is expressly conditioned upon the Commission's acceptance of all its provisions, without change or condition. If the Commission does not accept this Settlement Agreement in its entirety, without change or condition, or if the Commission makes any findings that go beyond the scope of this Settlement Agreement, and any of the Settling Parties notify the Commission within five business days of their disagreement with any such changes, conditions, or findings, the Agreement shall be deemed to be withdrawn, in which event it shall be deemed to be null and void and without effect, shall not constitute any part of the record in this proceeding,

and shall not be relied on by Staff or any party to this proceeding or by the Commission for any other purpose.

18.4 Under this Settlement Agreement, the Settling Parties agree to this joint submission to the Commission as a resolution of the issues specified herein only.

18.5 The Settling Parties agree that the Commission's approval of this Settlement Agreement shall not constitute continuing approval of, or precedent for, any particular principle or issue, but such acceptance does constitute a determination that the adjustments and provisions stated in their totality are just and reasonable and consistent with the public interest and that the rates contemplated will be just and reasonable under the circumstances.

18.6 This Settlement Agreement shall not be deemed an admission by any of the Settling Parties that any allegation or contention in this proceeding by any other party, other than those specifically agreed to herein, is true and valid. This Settlement Agreement shall not be construed to represent any concession by any Settling Party hereto regarding positions taken with respect to the Company's proposals in this docket, nor shall this Settlement Agreement be deemed to foreclose any Settling Party in the future from taking any position in any subsequent proceedings. The amounts associated with each of the settlement adjustments detailed herein are liquidated amounts that reflect a compromise of all the issues in this proceeding.

18.7 The pre-filed testimony and supporting documentation previously provided in this proceeding are not expected to be subject to cross-examination by the Settling Parties, which would normally occur in a fully litigated case. The Settling Parties agree that all pre-filed testimony and supporting documentation should be admitted as full exhibits for the purpose of consideration of this Settlement Agreement, and be given whatever weight the Commission deems

appropriate. Consent by the Settling Parties to admit all pre-filed testimony without challenge does not constitute agreement by any of the Settling Parties that the content of the pre-filed testimony is accurate or that the views of the witnesses should be assigned any particular weight by the Commission. The resolution of any specific issue in this Settlement Agreement does not indicate the Settling Parties' agreement to such resolution for purposes of any future proceedings, nor does the reference to any other document bind the Settling Parties to the contents of, or recommendations in, that document for purposes of any future proceeding. The Commission's approval of the recommendations in this Settlement Agreement shall not constitute a determination or precedent with regard to any specific adjustments, but rather shall constitute only a determination that the rates resulting from, and other specific conditions stated in this Settlement Agreement are just and reasonable. The Settling Parties agree to forego cross-examining witnesses regarding their pre-filed testimony and, therefore, the admission into evidence of any witness's testimony or supporting documentation shall not be deemed in any respect to constitute an admission by any party to this Agreement that any allegation or contention in this proceeding is true or false, except that the sworn testimony of any witness shall constitute an admission by such witness.

18.8 The rights conferred and the obligations imposed on the Settling Parties by this Settlement Agreement shall be binding on or inure to the benefit of any successors in interest or assignees as if such successor or assignee was itself a signatory party. The Settling Parties agree to cooperate in advocating that this Settlement Agreement be approved by the Commission in its entirety and without modification.

18.9 The discussions that produced this Settlement Agreement have been conducted on the understanding that all offers of settlement and settlement discussions relating to this docket shall

be confidential, shall not be admissible as evidence in this proceeding, shall be without prejudice to the position of any party or participant representing any such offer or participating in any such discussion, and are not to be used in connection with any future proceeding or otherwise. The content of these negotiations, including any documents prepared during such negotiations for the purpose of reaching a settlement, shall be privileged and all offers of settlement shall be without prejudice to the position of any party presenting such offer.

18.10 This Settlement Agreement may be executed by facsimile and in multiple counterparts, each of which shall be deemed to be an original, and all of which, taken together, shall constitute one agreement binding on all Settling Parties.

SECTION 19. CONCLUSION

19.1 The Settling Parties affirm that the proposed Settlement Agreement will result in just and reasonable rates and should be approved by the Commission.

[signature pages follow]

Dated: October 9, 2020

Public Service Company of New Hampshire d/b/a
Eversource Energy



By: _____
Matthew J. Fossum
Its Attorney

Dated: October 9, 2020

Staff of the New Hampshire Public Utilities
Commission



By: _____ for
Suzanne Amidon
Its Attorney

Dated: October 9, 2020

Office of the Consumer Advocate

By: _____
D. Maurice Kreis
Consumer Advocate

Dated: October 9, 2020

Clean Energy New Hampshire

By: _____
Elijah Emerson
Its Attorney

Dated: October 9, 2020

AARP New Hampshire

By: _____
John Coffman/Joseph Donahue
Its Attorney

Dated: October 9, 2020

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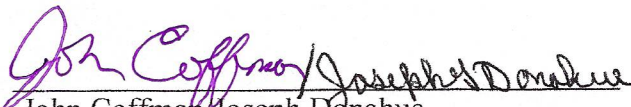
Dated: October 9, 2020

Clean Energy New Hampshire

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Elijah Emerson
Its Attorney

Dated: October 9, 2020

AARP New Hampshire

By:  _____
John Coffman/ Joseph Donahue
Its Attorneys

Dated: October 9, 2020

The Way Home

By:



Raymond Burke
Its Attorney

Dated: October 9, 2020

Acadia Center

By:

Amy Boyd
Director of Policy and Senior Attorney

Dated: October 9, 2020

NH Department of Environmental Services

By:

Christopher Skoglund
Climate and Energy Program Manager

Dated: October 9, 2020

Walmart, Inc.

By:

Melissa Horne
Its Attorney

Dated: October 9, 2020

ChargePoint, Inc.

By:

Melissa Birchard
Its Attorney


Dated: October 9, 2020

The Way Home

By: _____
Raymond Burke
Its Attorney


Dated: October 9, 2020

Acadia Center


By: _____ for
Amy Boyd
Director of Policy and Senior Attorney


Dated: October 9, 2020

NH Department of Environmental Services


By: _____ for
Craig A. Wright
Director, Air Resources Division


Dated: October 9, 2020

Walmart, Inc.


By: _____ for
Melissa Horne
Its Attorney

Dated: October 9, 2020

ChargePoint, Inc.


By: _____ for
Melissa Birchard
Its Attorney

DE 19-057 PSNH Rate Case
Settlement Agreement List of Appendices

1. Recoupment Calculation
2. Business Process Audit Scope
3. Vegetation Management Plan Description
4. Reliability and Vegetation Management Report Description
5. Step Adjustments – Project lists for 2020 and 2021
6. Fee Free Information
7. New Start Information
8. EOL-2 Streetlight Tariff Framework
9. Revised Tariff – Tariff No. 10
10. Rate Allocation and Bill Impact Information
11. Timeline of Filings and Events from Settlement

<i>Temporary Rate Recoupment Calculation</i>		Final Settlement (\$000s)	
1	Revenue Deficiency per Settlement	\$ 44,987	Revised Settlement Revenue Deficiency
2	EDIT Credit in Permanent Rates	5,149	EDIT for Temporary Rate Period to be Refunded as Offset to Recoupment
3	Adjust Fee Free to reflect 1/1/21 Implementation	(375)	Remove Fee Free for Temporary Period
4	Adjust New Start to reflect 1/1/21 Implementation	(502)	Remove New Start Asset Amortization
5	Rev Req net of EDIT	\$ 49,259	Line 1 - Line 4
6	18 Month Factor	1.50	
7	Permanent Revenues for the 18 Month Temporary Rate Period	\$ 73,888	
8			
9	Revenue Deficiency per Temporary Rates	\$ 31,006	Temporary Rate Settlement Increase (28,278 adj to 31,006 to recover 12 months over 11 months)
10	Add Back 12 month TCJA Credit	13,151	Eliminate TCJA Credit from Temp Rate to avoid recovering the credit through recoupment
11	Temporary adjusted for TCJA Credit	\$ 44,157	Line 9 + Line 10
12	Collection Period (Months)	17	
13	Temporary Rates Collected	\$ 62,556	Line 11 / 12months * Line 12
14			
15	Unadjusted Temporary Rate Shortfall	\$ 11,332	Line 9 less Line 13
16			
17	TCJA Credit under recovery	\$ 5,565	TCJA Credit under recovery caused by extension of temporary rate period
18	Adjust Vegetation Mgmt for Recoupment (Table 2)	1,631	Limit recoupment to Veg Mgmt in Temp Rates
19	Vegetation Mgmt Underspend (07/19-12/19)	(11)	Actual Spend of \$7.689M vs \$7.7M in Temp Rates for 7/19-12/19
20	Total Recoupment	\$ 18,517	Sum of lines 17-19
21	Recover Final Year of Consultant Amortization	337	Add back to recoupment; eliminated from revenue requirement
22	EDIT Adjustment	(13,258)	Recoupment Offset per Staff Schedule
23	Net Recoupment	\$ 5,596	Sum of lines 20-22
Table 1: To reconcile TCJA credit provided to customers in temp rates vs TCJA credit owed to customers			
24	TCJA/REP Credit per Temporary Rates	\$ 13,151	12 month credit included as offset to Temporary Rate increase
25	Extend to 18/17 Months	1.42	Extends Annual Credit to 18 Month Temporary Rate Period
26	Total TCJA Credit during Temporary Rate Period	\$ 18,631	Line 24 * Line 25
27	Actual TCJA / REP reconciliation	13,066	Schedule 1, page 2 of APPENDIX 1 - filed as part of 7/22/20 communication
28	Net Overrefund During Temporary Rate Period	\$ 5,565	Line 26 - Line 27
Table 2: To eliminate impact of Vegetation Management on recoupment consistent with Temporary Rate Settlement Agreement			
29	Veg Mgmt for Permanent Rates	13,100	\$11.7M ETT/ETR + \$1.4M ROW
30	18 Month Factor	1.50	
31	Veg Mgmt Revenue Allowed Under Permanent Rates	\$ 19,650	
32			
33	Reconcilable Veg Mgmt from Temp Rates	\$ 15,022	ETT/ETR As Per Temporary Rate Settlement
34	Extend to 18/17 Months	1.42	Extends Annual Credit to 18 Month Temporary Rate Period
35	Veg Mgmt Under Temporary Rates for Full Temporary Rate Period	\$ 21,281	
36	Add Back to Recoupment Calculation	\$ 1,631	Line 35 - Line 31
Table 3: Calculation of Surcredit refunds			
37	Year 1-2 Federal EDIT w/Gross Up	\$ (13,258)	Per Staff Worksheet "Offset Recoupment"
38	Year 3-5 Remaining 5 Year EDIT Balance (Federal) w/Gross Up	(5,153)	Per Staff Worksheet "Surcredit Refund"
39	Year 1-5 Remaining 5 Year EDIT Balance (State) w/Gross Up	(4,887)	Per Staff Worksheet "Surcredit Refund"
40	Total Available EDIT	\$ (23,298)	
41	EDIT Utilized For Recoupment	(13,258)	Year 1-2 Federal EDIT w/Gross Up
42	EDIT for Surcredit	\$ (10,040)	
Table 4: To calculate net of Recoupment and TCJA Surcredit			
43	Recoupment	\$ 5,596	Line 23
44	TCJA Surcredit	(5,020)	Line 42 / 2 years (2021 through 2023)
45	Net year 1 impact of TCJA Surcredit and Recoupment	\$ 576	

DE 19-057 PSNH Rate Case – APPENDIX 2

Business Process Review Audit

As specified in Section 3.2 of the Settlement, the Company agrees to a business process audit of the Company to be conducted and overseen by Staff. That business process audit shall be conducted consistent with the process and scope set out in this attachment as specified below.

Process:

1. Staff will draft the RFP with input from the Company.
2. Company, Staff, and OCA will work collaboratively to draft the qualifications that will go into the RFP.
3. The consultant will be hired and supervised by the Commission and Staff, and paid for by the Company.
4. Staff and the Company will have an opportunity to review and comment on the consultant's final report prior to filing with the Commission.

Scope:

1. Review and assessment of the Company's capital planning, budgeting, approval, and management oversight, including:
 - a. Company's budgeting and approval process for capital expenditures.
 - b. Company's information systems used in work planning, tracking, and accounting.
 - c. Initial project design and development of budgets, cost estimates, revised budgets and budget variances.
 - d. Internal accounting for capital projects and administrative support.
 - e. Decision making by project managers involving design changes, engagement and hiring of outside contractors and the Company's oversight of contractors.
 - f. Decision making by project managers in addressing and controlling project costs including factors that necessitate the involvement of upper management.
 - g. Reviews by upper management of project costs and cost overruns and the application of cost controls.
 - h. Compliance of the above-listed items with good utility practices.

2. Review and evaluation of capital project documentation, including:

- a. Compliance with documentation policies and filing requirements.
- b. Initial project assessment and analysis in the PAF including consideration of known and foreseeable costs and risks.
- c. Use of Supplement Requests, including root cause analysis and lessons learned.
- d. Source documentation and supporting documentation.
- e. Recommendations for improving and enhancing the above documentation process.

3. Selective Project Review: The consultant will select a sample of capital projects for 2020 and 2021 to be included as a part of its examination and testing involving the above listed processes.

DE 19-057 PSNH Rate Case – APPENDIX 3
Vegetation Management Plan

As required by Section 6.2 of the Settlement, in November of each year PSNH is to file a proposed vegetation management plan setting out the proposed vegetation management work for the coming calendar year. That plan filing shall include the following:

- A. A summary of budgeted costs by program (i.e. ETT/Hazard Tree Removal, SMT and Full-Width ROW Clearing).

- B Detailed information on each program as follows:
 - i. ETT/Hazard Tree Removal: Town; Circuit Number; Total Circuit Miles; Scheduled Circuit Miles; and Circuit Ranking by SAIDI and SAIFI (Tree Related only).
 - ii. SMT (Scheduled Maintenance Trimming, Mid-Cycle Trimming, Side Trimming and Customer Request Work, Hot Spot / Trouble Work, and Maintenance ETT): Town; Circuit Number; Total Circuit Miles; and Scheduled Circuit Miles.
 - iii. SMT (ROW Maintenance Mowing and Side Trimming): ROW Number; ROW Name; Voltage; and Total Acreage; and the percentage of the clearing attributable to distribution if transmission ROW.
 - iv. ROW Clearing: ROW Number; ROW Name; Voltage; and Total Miles; ROW Width; and the percentage of the clearing attributable to distribution if transmission ROW.

DE 19-057 PSNH Rate Case – APPENDIX 4

Reliability and Vegetation Management Reports

As required by Section 9.3 of the Settlement, by March 1 of each year PSNH is to file reports of its reliability statistics and vegetation management activities for the prior calendar. Each report may be filed separately, but both shall be filed no later than March 1. Those reports shall include the following information:

For the Reliability Statistics Report:

1. Executive Summary
2. Reliability graphs (IEEE Criteria)
 - a. SAIFI, SAIDI, CAIDI, CIII – Distribution System Only
 - b. CAIFI, CTAIDI – Distribution System Only¹
 - c. SAIFI, SAIDI, CAIDI, CIII – Distribution System – Tree Related
 - d. SAIFI, SAIDI, CAIDI, CIII – Distribution (excluding Substation) Equipment Failure
 - e. SAIFI, SAIDI, CAIDI, CIII – Substation Equipment Failure
 - f. SAIDI (MED) - Storm MED; Equipment Failure MED; Other MED (Specify)
 - g. SAIDI and SAIFI by cause (Pie Charts)
3. O&M Activities related to reliability for prior year (\$ allocated and \$ spent if available)
 - a. Overhead circuit patrols (circuits to be patrolled planned and circuits patrolled actual)²
 - i. Indicate circuits and type of planned patrol
 - b. Underground circuit patrols including fault indicator replacements
 - c. Pole inspections (Number of poles targeted, and number of poles completed)
 - i. Include % of poles determined to be condemned
 - d. NESC Maintenance Repairs (locations targeted, and locations completed)
4. Capital activities related to reliability for prior year (\$ allocated and \$ spent if available)

¹ Due to Eversource's high penetration of SCADA enabled switches, CAIFI and CTAIDI presents additional representation of interrupted duration and frequency.

² Circuits that are patrolled more than once are considered only one entry and circuits patrolled during emergency outage are not included. Circuit miles patrolled for this report are for planned patrols.

- a. Reject pole replacement (number of poles targeted for replacement and poles replaced)
 - b. Underground Cable Repl. (# of locations and footage targeted and footage completed)
 - c. Other capital reliability projects (over \$100k. Will not include Annual projects)
Typical projects include circuit ties, obsolete equipment replacement, reconductoring to covered conductor, 4 kV conversions, pole top distribution automation, etc. (Description including reliability impact eg. $\$/\Delta CI$ or $\$/\Delta CMI$)
5. Worst Performing Circuit List (Worst 50)
- a. SAIDI and SAIFI. Circuit SAIDI and SAIFI can be provided as part of the table, but the ranking should be based on system indices.

For the Vegetation Management report:

1. Company Testimony
2. Executive Summary (if not covered in Testimony)
3. Scheduled Maintenance Trimming (Incl. SMT, Midcycle, Hot Spot, Cust Work, METT, ROW Maint. Mowing/Side Trim)
 - a. Proposed budget (each category if applicable)
 - b. Actual spent
 - c. Town/Circuit Designation
 - d. Proposed circuit miles per circuit
 - e. Actual circuit miles per circuit
 - f. ROW Designation (ROW Maint. Mowing/Side Trim)
 - g. Voltage
 - h. Proposed acreage per ROW designation
 - i. Actual acreage per ROW designation
 - j. Percent of the clearing costs attributable to distribution if the ROW is shared with transmission
4. Enhanced Tree Trimming
 - a. Proposed budget
 - b. Actual spent
 - c. Town/Circuit Designation
 - d. Proposed circuit miles per circuit
 - e. Actual circuit miles per circuit
 - f. Circuit Ranking (Tree SAIDI and SAIFI - could be two different rankings)

5. Hazard Tree (Enhanced Tree Removal (“ETR”))
 - a. Proposed budget
 - b. Actual spent
 - c. Town/Circuit Designation
 - d. Actual number of trees removed per circuit

6. Right-of-Way (“ROW”) Clearing
 - a. Proposed Budget
 - b. Actual spent
 - c. ROW Designation
 - d. Voltage
 - e. Proposed circuit feet per ROW designation
 - f. Actual circuit feet per ROW designation
 - g. ROW width per ROW designation
 - h. Percent of the clearing costs attributable to distribution if the ROW is shared with transmission

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 1 - Projects Anticipated to be Placed in Service in 2019
Excludes New Business Projects

Line	Project Category	Project Description
1	Annual Blanket Project	DA9R: Non-Roadway Lighting PSNH
2	Annual Blanket Project	DG9R:Distributed Generation Field Design and Construction Reimbursable
3	Annual Blanket Project	DH9R: Line Relocations PSNH
4	Annual Blanket Project	DK9R: Maintain Voltage PSNH
5	Annual Blanket Project	DQ9R: System Repairs/Obsolescence PSNH
6	Annual Blanket Project	DR9R:Reliability Improvements PSNH
7	Annual Blanket Project	DT7P:Purchase Transformers and Regulators
8	Annual Blanket Project	HPS9R/D79R:Roadway Lighting PSNH
9	Annual Blanket Project	INS9R:Insurance Claims PSNH
10	Annual Program Project	6DCIP:NH Avigilon Intrusion Detection
11	Annual Program Project	A04S34:Direct Buried Cable Replacement
12	Annual Program Project	A07X45:Reject Pole Replacement
13	Annual Program Project	A07X98:NESC Capital Repairs
14	Annual Program Project	A08X45:Replace Steel Towers
15	Annual Program Project	A09S12:Replace Failed Cable - Post Tested
16	Annual Program Project	A10X04:Direct Buried Cable Injection
17	Annual Program Project	A12X01:Substation Battery Replacement
18	Annual Program Project	A12X02:Substation Ground Grid Upgrades
19	Annual Program Project	C01SPA01:Joint Poles Purchase & Sale
20	Annual Program Project	C03CTV:Cable TV Project Annual Program
21	Annual Program Project	C03DOT:NHDOT Project Annual Program
22	Annual Program Project	C03TEL:Telephone Projects Annual Program
23	Annual Program Project	CO1PCB:PCB Transformer Changeout Annual Program
24	Annual Program Project	CO1:New Business Specifics Unknown
25	Annual Program Project	DL9R:Distribution Line ROW Annual Program
26	Annual Program Project	DS9RD:Distribution Substation Maintenance Annual Program
27	Annual Program Project	DS9RE:ROW Replace Failed Equipment
28	Annual Program Project	DS9RS:Substation Annual-Substation Engineering group
29	Annual Program Project	DSPP8001:Distributed Generation Engineering Design and Construction
30	Annual Program Project	GF9R:Misc office equipment
31	Annual Program Project	GM9R:Tools/equipment - S/S Operations group
32	Annual Program Project	GT9R:Tools/equipment - Troubleshooter group
33	Annual Program Project	GX9R:Tools/equipment - Field Operations group
34	Annual Program Project	IT6DWANA:Telecom WAN Annual - PSNH
35	Annual Program Project	MINOR9R: Minor Storms Capital PSNH
36	Annual Program Project	NESCRC:NESC Patrol/Repair O&M Expense
37	Annual Program Project	NHLC03:NH Line Contractors
38	Annual Program Project	NT006:General Expense
39	Annual Program Project	PW9R:Private Work
40	Annual Program Project	ROWLR:ROW Relocations - Reimbursable

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 1 - Projects Anticipated to be Placed in Service in 2019
Excludes New Business Projects

Line	Project Category	Project Description
41	Annual Program Project	STORMCAP:NH Storm Capitalization
42	Annual Program Project	UB3CAD:Porcelain Changeout
43	Annual Program Project	VEHICLES:NH Vehicle Purchases Distribution
44	Specific Project	18707:2018 Facilities LOB Building & General Plant
45	Specific Project	18726:ML 2018 PSNH LOB - General Plant
46	Specific Project	18734:Garage Addition
47	Specific Project	18740:Cafe Renovations
48	Specific Project	19707:2019 PSNHD Facilities LOB projects under \$500k
49	Specific Project	19726:ML PSNH-D 2019 LOB - General Plant
50	Specific Project	19757:Bow Mobile Substation Garage Bay
51	Specific Project	A08W49:Keene Downtown UG Replacement Project
52	Specific Project	A09N05:Kingston S/S - Add Breakser Position
53	Specific Project	A12N01A:Berlin 4KV System Reconfiguration
54	Specific Project	A12W05:Replace Laconia Underground Switchgear 70W
55	Specific Project	A13S01:Rimmon S/S Add 2nd 115-34.5KV 44.8M
56	Specific Project	A13X04:Hazard Tree Removal
57	Specific Project	A14N10:Somersworth 34.5 KV OCB Replacement
58	Specific Project	A14N21:Berlin Eastside 34.5KV Line Breaker
59	Specific Project	A14S08:Garvins S/S Rebuild
60	Specific Project	A14W02:Daniel S/S (Webster)-34.5KV S/S Upgrade
61	Specific Project	A15C02A:388 Line Overload Solution Remote E
62	Specific Project	A15CDA:Central Region 2015 Distribution Automation Program
63	Specific Project	A15EDA:Eastern Region 2015 Distribution Automation Program
64	Specific Project	A15NDA:Northern Region 2015 Distribution Automation Program
65	Specific Project	A15SDA:Southern Region 2015 Distribution Automation Program
66	Specific Project	A15X01:Circuit Switcher TB31 Mobile
67	Specific Project	A16C02:12H4 West Side Conversion
68	Specific Project	A16C05:Valley St Area Solution
69	Specific Project	A16C09:Blaine St SS add 34.5-12kv 10MVA tr
70	Specific Project	A16C10:Jackman S/S - Replace Obsolete Equipment
71	Specific Project	A16E06:West Rye S/S Re-build
72	Specific Project	A16N02:Second transformer at Lost Nation S/S
73	Specific Project	A16X01:ESCC Control of Generation
74	Specific Project	A16X02:Circuit Tie 3271x2/311x1
75	Specific Project	A16X04:CAIDI Improvement
76	Specific Project	A16X05:NH Energy Park: audio visual equipment
77	Specific Project	A16X06:NH SOC/ESCC Backup
78	Specific Project	A16X08:1250 Hooksett Rd - AV Project
79	Specific Project	A17C04:Greggs S/S Removal
80	Specific Project	A17C13:Blaine St S/S Line Work
81	Specific Project	A17C17:Circuit Tie 3115X12 to 3615X1

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 1 - Projects Anticipated to be Placed in Service in 2019
Excludes New Business Projects

Line	Project Category	Project Description
82	Specific Project	A17C21:Pine Hill S/S PLC Auto Scheme Replacement
83	Specific Project	A17C26:328 Line Reconductor
84	Specific Project	A17E01:Rye Area 4KV Study
85	Specific Project	A17E09:Rochester 4KV Conversion
86	Specific Project	A17E20:Ocean Rd S/S 34.5KV OCB Replacement
87	Specific Project	A17N02:Messer St - Replace TB70
88	Specific Project	A17N22:Beebe River S/S Cap Switcher Replacement
89	Specific Project	A17N24:Laconia S/S 24 VDC Control System & Relay
90	Specific Project	A17VRP:G&W Viper Warranty Replacement
91	Specific Project	A17W19:North Rd S/S Equipment Replacement
92	Specific Project	A17W23:Monadnock S/S Cap Switcher Replacement
93	Specific Project	A17X01:Mobile 115-34.5KV Substation
94	Specific Project	A18C21:Manchester Airport Duct Relocation
95	Specific Project	A18DA:Distribution Automation - Pole Top
96	Specific Project	A18E12:Circuit Ties 3172X1 - 3112X3
97	Specific Project	A18E16:West Rd Overloaded Steps
98	Specific Project	A18E23:Rochester Comcast Make Ready
99	Specific Project	A18N27:Laconia S/S Replace LTC Controls
100	Specific Project	A18VRP:Viper Replacement Project-Betterment
101	Specific Project	A18W10:55H1 Peterborough URD
102	Specific Project	A18W11:316X1 Circuit Tie Eastman Development
103	Specific Project	A18W13:Route 9 Roxbury-Sullivan 10439
104	Specific Project	A18W15:316 Line Rebuild
105	Specific Project	A18W22:Peterborough Roadway and Bridge Project
106	Specific Project	A18X01:Direct Buried Cable Replacement
107	Specific Project	A18X08:S Milford Relay Replacement
108	Specific Project	A18X20:CAIDI Improvement
109	Specific Project	A18XDA:Distribution Automation - Substation
110	Specific Project	A19C05:Reconductor Copper St Anselm Drive
111	Specific Project	A19C25:Reconductor Bedford Road, 360X7
112	Specific Project	A19DA:Distribution Automation - Pole Top
113	Specific Project	A19E11:Circuit Ties-Wakefield 362 to 3157
114	Specific Project	A19E26:Convert Four Rod Road in Rochester
115	Specific Project	A19E39:Replace Failed Cabbie Spring Rd Rye
116	Specific Project	A19LS:Distribution Automation - Line Sensors
117	Specific Project	A19N09:Relocate 1W1 Main Line onto Route 3
118	Specific Project	A19N50:346X1 Defective SPCA Replacement
119	Specific Project	A19S08:Relocate 3168X Bridge St S/S
120	Specific Project	A19S27:Relocate 314 Line around Heron Pond
121	Specific Project	A19S46:South Ave Derry Step Overload
122	Specific Project	A19W03:Replace Open Wire with Spacer Cable Route 63

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 1 - Projects Anticipated to be Placed in Service in 2019
Excludes New Business Projects

Line	Project Category	Project Description
123	Specific Project	A19W10: Relocate Feed to Hinsdale Wastewater
124	Specific Project	A19X20:Replace Lattice Steel Towers
125	Specific Project	A19X221:Animal Protection at Thornton S/S
126	Specific Project	A19X32:NH Lateral Initiative
127	Specific Project	A19X64:S/S Security Upgrades CIP5 NH
128	Specific Project	C18ETT:NH ETT 2018
129	Specific Project	C18HAZ:Hazard Tree Removal
130	Specific Project	C18ROW:NH Full Width ROW Clearing
131	Specific Project	D1249A:Webster S/S Expansion/Cap Bank Sared Assets-CE
132	Specific Project	D1276A:Distribution Design for F107 Project
133	Specific Project	D1338A:Distribution Design L176 Line Replacement
134	Specific Project	DPMNHAMP:UCONN Damage Prediction Model Expansion
135	Specific Project	IASC1904:1580 CIP PSP Expansion
136	Specific Project	IT18450:2018 Win10 PC Lifecycle - PSNH
137	Specific Project	MS17N006:NH 2017 Storm Event N: Oct 29
138	Specific Project	NHMTR17:NH Capital Meter Annual Project
139	Specific Project	NHMTR18:NH Annual Meter Project for 2018
140	Specific Project	NHMTR19:NH Annual Meter Project for 2019
141	Specific Project	R15CDA:REP3 - 2015-2016 Central Region Distribution Automation
142	Specific Project	R15CTC:Circuit Tie Construction
143	Specific Project	R15DBI:Direct Buried Cable Injection
144	Specific Project	R15DBR:REP3 Direct Buried Cable Replacement
145	Specific Project	R15EDA:REP 3 2015-2016 Eastern Region Distribution Automation
146	Specific Project	R15HLDR:Hit List Reliability Enhancements
147	Specific Project	R15HLR:Heather-Lite Replacement
148	Specific Project	R15NDA:REP3 - 2015-2016 Northern Region Distribution Automation
149	Specific Project	R15NESC:NESC Capital Repairs
150	Specific Project	R15POR:Porcelain Change-out
151	Specific Project	R15RPR:Reject Pole Replacement
152	Specific Project	R15RWM:ROW System Hardening
153	Specific Project	R15SDA:REP3 - 2015-2017 Southern Region Distribution Automation
154	Specific Project	R15SSAI:4 & 12 kV Substations
155	Specific Project	R15TDA:Telecom Expansion to Support Distribution Automation
156	Specific Project	R15WDA:REP3 - 2015-2016 Western Region Distribution Automation
157	Specific Project	R16LS:2016 Line Sensor Project
158	Specific Project	R17CTC:REP 4 Circuit Ties
159	Specific Project	R17DA:REP 4 Pole Top Distribution Automation
160	Specific Project	R17HLDR:REP 4 Circuit Reliability Improvements
161	Specific Project	R17RWH:REP 4 ROW System Hardening
162	Specific Project	R18CTC01:W185 - 4W1 Circuit Tie
163	Specific Project	R18CTC02:3178X Circuit Tie Hinsdale

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 1 - Projects Anticipated to be Placed in Service in 2019
Excludes New Business Projects

Line	Project Category	Project Description
164	Specific Project	R18ETT:NH REP ETT
165	Specific Project	R18HAZ:NH Hazard Tree Removal
166	Specific Project	STRM0617N:NH STORM CAP: Oct 29, 2017 event
167	Specific Project	STRM0618C:NH STORM CAP: Mar 7-8, 2018 event
168	Specific Project	STRM0618D:NH STORM CAP: Apr 4-5, 2018 event
169	Specific Project	UB1412:2014 Distribution Automation Deployment
170	Specific Project	UB1501:Replace Defective Viper Reclosers
171	Specific Project	UB1502:399 Line Relocation Pointe Place

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 2 - Projects Anticipated to be Placed in Service in 2020
Excludes New Business Projects

Line	Project Category	Project Description
1	Annual Blanket Project	DA9R: Non-Roadway Lighting PSNH
2	Annual Blanket Project	DG9R:Distributed Generation Field Design and Construction Reimbursable
3	Annual Blanket Project	DH9R: Line Relocations PSNH
4	Annual Blanket Project	DK9R: Maintain Voltage PSNH
5	Annual Blanket Project	DQ9R: System Repairs/Obsolescence PSNH
6	Annual Blanket Project	DR9R:Reliability Improvements PSNH
7	Annual Blanket Project	DT7P:Purchase Transformers and Regulators
8	Annual Blanket Project	HPS9R/D79R:Roadway Lighting PSNH
9	Annual Blanket Project	INS9R:Insurance Claims PSNH
10	Annual Program Project	6DCIP:NH Avigilon Intrusion Detection
11	Annual Program Project	A04S34:Direct Buried Cable Replacement
12	Annual Program Project	A07X45:Reject Pole Replacement
13	Annual Program Project	A07X98:NESC Capital Repairs
14	Annual Program Project	A08X45:Replace Steel Towers
15	Annual Program Project	A09S12:Replace Failed Cable - Post Tested
16	Annual Program Project	A10X04:Direct Buried Cable Injection
17	Annual Program Project	A12X01:Substation Battery Replacement
18	Annual Program Project	A12X02:Substation Ground Grid Upgrades
19	Annual Program Project	C01SPA01:Joint Poles Purchase & Sale
20	Annual Program Project	C03CTV:Cable TV Project Annual Program
21	Annual Program Project	C03DOT:NHDOT Project Annual Program
22	Annual Program Project	C03TEL:Telephone Projects Annual Program
23	Annual Program Project	CO1PCB:PCB Transformer Changeout Annual Program
24	Annual Program Project	DL9R:Distribution Line ROW Annual Program
25	Annual Program Project	DS9RD:Distribution Substation Maintenance Annual Program
26	Annual Program Project	DS9RE:ROW Replace Failed Equipment
27	Annual Program Project	DS9RS:Substation Annual-Substation Engineering group
28	Annual Program Project	DSPP8001:Distributed Generation Engineering Design and Construction
29	Annual Program Project	E03CTV:Expense Portion of CATV Projects
30	Annual Program Project	GE9R:Tools and Equipment - Engineering
31	Annual Program Project	GF9R:Misc office equipment
32	Annual Program Project	GM9R:Tools/equipment - S/S Operations group
33	Annual Program Project	GT9R:Tools/equipment - Troubleshooter group
34	Annual Program Project	GX9R:Tools/equipment - Field Operations group
35	Annual Program Project	IT6DWANA:Telecom WAN Annual - PSNH
36	Annual Program Project	MINOR9R: Minor Storms Capital PSNH
37	Annual Program Project	NHLC03:NH Line Contractors
38	Annual Program Project	NHTOOLS:NH-Tools/equipment-Transportation group
39	Annual Program Project	ROWLR:ROW Relocations - Reimbursable
40	Annual Program Project	STORMCAP:NH Storm Capitalization
41	Annual Program Project	UB3CAD:Porcelain Changeout
42	Annual Program Project	VEHICLES:NH Vehicle Purchases Distribution
43	Specific Project	18707:2018 Facilities LOB Building & General Plant

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 2 - Projects Anticipated to be Placed in Service in 2020
Excludes New Business Projects

Line	Project Category	Project Description
44	Specific Project	18726:ML 2018 PSNH LOB - General Plant
45	Specific Project	19707:2019 PSNHD Facilities LOB projects under \$500k
46	Specific Project	19720:Nashua Renovation
47	Specific Project	19726:ML PSNH-D 2019 LOB - General Plant
48	Specific Project	19781:Front Office Renovation
49	Specific Project	20707:PSNH-D Fac 2020 LOB
50	Specific Project	20715:PNSH-D ML 2020 LOB
51	Specific Project	20739:Berlin NH Yard Paving
52	Specific Project	20749:1250 Hooksett Rd. Parking Lot
53	Specific Project	20755:Bow Mobile Substation Expansion
54	Specific Project	20CGVE06:2020 Customer Group Vehicles for NH
55	Specific Project	A08N10:Portsmouth S/S - Add Transformer
56	Specific Project	A08W49:Keene Downtown UG Replacement Project
57	Specific Project	A14N08:Gorham S/S-Generation Divestiture
58	Specific Project	A14N21:Berlin Eastside 34.5KV Line Breaker
59	Specific Project	A14W01:Emerald Street S/S
60	Specific Project	A14W02:Daniel S/S (Webster)-34.5KV S/S Upgrade
61	Specific Project	A14W18:North Keene S/S New Distribution Circuit
62	Specific Project	A15CDA:Central Region 2015 Distribution Automation Program
63	Specific Project	A15EDA:Eastern Region 2015 Distribution Automation Program
64	Specific Project	A15NDA:Northern Region 2015 Distribution Automation Program
65	Specific Project	A15SDA:Southern Region 2015 Distribution Automation Program
66	Specific Project	A16C06:324 Line Rebuild at Industrial Ave
67	Specific Project	A16C08:Brook St S/S - 13TR1 Replacement
68	Specific Project	A16C09:Blaine St S/S add 34.5-12kV 10MVA transformer
69	Specific Project	A16C10:Jackman S/S - Replace Obsolete Equipment
70	Specific Project	A16N01:11W1 - Replace Submarine Cable
71	Specific Project	A16N02:Second transformer at Lost Nation S/S
72	Specific Project	A16S02:Reconductor Lines 3110, 353, 3445X
73	Specific Project	A16W01:Claremont Area Substation Upgrades
74	Specific Project	A16X01:ESCC Control of Generation
75	Specific Project	A16X04:CAIDI Improvement
76	Specific Project	A17C04:Greggs S/S Removal
77	Specific Project	A17C10:Brook St Replace G&W Switchgear
78	Specific Project	A17C12:3.74 Primary Voltage Conversion Navigator Rd
79	Specific Project	A17C13:Blaine St S/S Line Work
80	Specific Project	A17C17:Circuit Tie 3115X12 to 3615X1
81	Specific Project	A17C21:Pine Hill S/S PLC Auto Scheme Replacement
82	Specific Project	A17C26:328 Line Reconductor
83	Specific Project	A17C30:Pack Monadnock Rebuild Single-Phase Line
84	Specific Project	A17E01:Rye Area 4KV Study
85	Specific Project	A17E05:Twombly S/S Rebuild
86	Specific Project	A17E09:Rochester 4KV Conversion
87	Specific Project	A17E20:Ocean Rd S/S 34.5KV OCB Replacement

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 2 - Projects Anticipated to be Placed in Service in 2020
Excludes New Business Projects

Line	Project Category	Project Description
88	Specific Project	A17N02:Messer St - Replace TB70
89	Specific Project	A17N18:Laconia S/S Equipment Replacement
90	Specific Project	A17N22:Beebe River S/S Cap Switcher Replacement
91	Specific Project	A17S03:Millyard S/S Replacement
92	Specific Project	A17VRP:G&W Viper Warranty Replacement
93	Specific Project	A17W19:North Rd S/S Equipment Replacement
94	Specific Project	A17W23:Monadnock S/S Cap Switcher Replacement
95	Specific Project	A18C02:Bedford S/S PLC Automation Scheme
96	Specific Project	A18C07:Eddy S/S Control House
97	Specific Project	A18DA:Distribution Automation - Pole Top
98	Specific Project	A18E04:Cocheco St Rebuild
99	Specific Project	A18E09:Replace 386 Relay at Rochester S/S
100	Specific Project	A18E12:Circuit Ties 3172X1 - 3112X3
101	Specific Project	A18E23:Rochester Comcast Make Ready
102	Specific Project	A18N03:White Lake S/S Rebuild
103	Specific Project	A18N05:Pemi S/S Upgrade
104	Specific Project	A18N27:Laconia S/S Replace LTC Controls
105	Specific Project	A18VRP:Viper Replacement Project-Betterment
106	Specific Project	A18W06:Monadnock S/S Replace Transformer TB40
107	Specific Project	A18W13:Route 9 Roxbury-Sullivan 10439
108	Specific Project	A18W17:Emerald St Line Work
109	Specific Project	A18W22:Peterborough Roadway and Bridge Project
110	Specific Project	A18X08:S Milford Relay Replacement
111	Specific Project	A18X18:ROW Hardening/Reconductoring
112	Specific Project	A18X26:Mobile Substation 46x34.5kV-12.47/7.2
113	Specific Project	A18X28:44 & 60 West Penn Telecom
114	Specific Project	A18XDA:Distribution Automation - Substation
115	Specific Project	A19C25:Reconductor Bedford Road, 360X7
116	Specific Project	A19C33:Animal Protection at Rimmon S/S
117	Specific Project	A19C54:Pettingill Switchgear Reconfiguration
118	Specific Project	A19DA:Distribution Automation - Pole Top
119	Specific Project	A19E07:Downtown Portsmouth UG System Improvements
120	Specific Project	A19E11:Circuit Ties-Wakefield 362 to 3157
121	Specific Project	A19E26:Convert Four Rod Road in Rochester
122	Specific Project	A19E41:Replace LTC Controls at Madbury S/S
123	Specific Project	A19E52:Dover Underground Backfeed Relocation
124	Specific Project	A19E63:Jackson Hill S/S Fence & Grounding Replacement
125	Specific Project	A19LS:Distribution Automation - Line Sensors
126	Specific Project	A19N09:Relocate 1W1 Main Line onto Route 3
127	Specific Project	A19N12:Circuit Ties - Laconia 310 to 345
128	Specific Project	A19N50:346X1 Defective SPCA Replacement
129	Specific Project	A19S06:Replace Conductor Route 13 Amherst
130	Specific Project	A19S08:Relocate 3168X Bridge St S/S
131	Specific Project	A19S27:Relocate 314 Line around Heron Pond

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 2 - Projects Anticipated to be Placed in Service in 2020
Excludes New Business Projects

Line	Project Category	Project Description
132	Specific Project	A19S40:Amherst S/S - PLC Automation Replacement
133	Specific Project	A19S46:South Ave Derry Step Overload
134	Specific Project	A19W03:Replace Open Wire with Spacer Cable Route 63
135	Specific Project	A19W10: Relocate Feed to Hinsdale Wastewater
136	Specific Project	A19W55:Jackman S/S LTC Control Replacement
137	Specific Project	A19W56:317 Line Reconstruction
138	Specific Project	A19X01:Replace Degraded Manholes
139	Specific Project	A19X20:Replace Lattice Steel Towers
140	Specific Project	A19X22:Install Animal Protection
141	Specific Project	A19X220:Animal Protection at Tasker Farm S/S
142	Specific Project	A19X222:Animal Protection at Amherst S/S
143	Specific Project	A19X223:Animal Protection at Valley St S/S
144	Specific Project	A19X24:NESC Capital Repairs
145	Specific Project	A19X32:NH Lateral Initiative
146	Specific Project	A19X351:Long Hill S/S 34.5kV Cap Bank Switch
147	Specific Project	A19X3601:Reeds Ferry S/S OCB Replacement
148	Specific Project	A19X58:Replace Lattice Steel Towers
149	Specific Project	A19X61:High Impedance Ground Fault Detection NH
150	Specific Project	A19X64:S/S Security Upgrades CIP5 NH
151	Specific Project	A19XDA:Distribution Automation - Substation
152	Specific Project	A20C16:Bouchard St Replace Cable and Switchgear
153	Specific Project	A20C23:335X1 Extend 19.9kV 1Phase to S. Bow Rd
154	Specific Project	A20C24:Install PM Step Transfer Route 13 Goffstown
155	Specific Project	A20C40:Manchester Network Cable Replacement
156	Specific Project	A20DA:Distribution Automation Pole Top
157	Specific Project	A20E04:North Dover Conversion
158	Specific Project	A20E25:Offload 63W1 at E. Northwood
159	Specific Project	A20LS:Distribution Automation Line Sensor
160	Specific Project	A20N01:Rebuild Berlin Underground System
161	Specific Project	A20N11:Voltage Conversion Lost Nation Rd
162	Specific Project	A20N15:43W1 (13W1) Construct Circuit Tie
163	Specific Project	A20N29:Laconia Comcast Non-Billable 2020
164	Specific Project	A20N30:Laconia Comcast Billable 2020
165	Specific Project	A20N31:Gilford Comcast Non-Billable 2020
166	Specific Project	A20N32:Gilford Comcast Billable 2020
167	Specific Project	A20S06:3159X Extend 3 Phase Boston Post Rd
168	Specific Project	A20S17:DB Cable Replacement Maple Hill Acres
169	Specific Project	A20S19:South Milford S/S
170	Specific Project	A20S22:Range Rd Windham Conversion
171	Specific Project	A20W07:Mason Rd Relocate 1500' Main Line to Roadside
172	Specific Project	A20W08:3155X6 Feed from the 3155X9
173	Specific Project	A20W09:Rte 9 Relocate 2800' Main Line to Roadside
174	Specific Project	A20W13:3410 and 315 Circuit Tie
175	Specific Project	A20W14:24X1 and 313X1 Circuit Tie

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Step Adjustment 2 - Projects Anticipated to be Placed in Service in 2020
Excludes New Business Projects

Line	Project Category	Project Description
176	Specific Project	A20W33:Pack Monadnock Summit Solution
177	Specific Project	A20W34:Byrd Ave S/S Upgrades
178	Specific Project	A20W35:Spring Street S/S Upgrades
179	Specific Project	A20X21:NH Distribution Management System
180	Specific Project	A20X220:Animal Protection at Bedford S/S
181	Specific Project	A20X221:Animal Protection at Mammoth S/S
182	Specific Project	A20X222:Animal Protection at Weare S/S
183	Specific Project	A20X223:Animal Protection at Timber Swamp S/S
184	Specific Project	A20X26:Spare 345-34.5kV Transformer
185	Specific Project	A20X38:2020 Circuit Patrol Repairs
186	Specific Project	C18ETT:NH ETT 2018
187	Specific Project	D1276A:Distribution Design for F107 Project
188	Specific Project	D1328AH:Distribution Design P134 Line
189	Specific Project	D1328I:Distribution Design Y138 Line
190	Specific Project	D1382A:Rochester S/S Relays
191	Specific Project	IASC2006:PSNH Security Capital Project 2020
192	Specific Project	IT19433:Lifecycle PC Replacements-237
193	Specific Project	IT20437:2020 Modern Desktop - PSNH-Distribution
194	Specific Project	NHEDVH20:NH Distribution Vehicle Purchase
195	Specific Project	NHMTR18:NH Annual Meter Project for 2018
196	Specific Project	NHMTR19:NH Annual Meter Project for 2019
197	Specific Project	NHMTR20:NH Annual Meter Project for 2020
198	Specific Project	NHRMTR17:NH Remote Disconnect 2017-2018
199	Specific Project	NHTRN20:NH Training Annual Capital Project
200	Specific Project	R15CDA:REP3 - 2015-2016 Central Region Distribution Automation
201	Specific Project	R15DBR:REP3 Direct Buried Cable Replacement
202	Specific Project	R15NDA:REP3 - 2015-2016 Northern Region Distribution Automation
203	Specific Project	R15POR:Porcelain Change-out
204	Specific Project	R15RPR:Reject Pole Replacement
205	Specific Project	R15RWM:ROW System Hardening
206	Specific Project	R15SDA:REP3 - 2015-2017 Southern Region Distribution Automation
207	Specific Project	R15TDA:Telecom Expansion to Support Distribution Automation
208	Specific Project	R15WDA:REP3 - 2015-2016 Western Region Distribution Automation
209	Specific Project	R18CTC01:W185 - 4W1 Circuit Tie
210	Specific Project	R18CTC02:3178X Circuit Tie Hinsdale
211	Specific Project	STRM0617N:NH STORM CAP: Oct 29, 2017 event
212	Specific Project	TCORP1NH:Transport NW Refresh Phase 1 NH

DE 19-057 – APPENDIX 6

Fee Free Credit/Debit Card Payment

As noted in Section 12 of the Settlement, PSNH shall implement a fee free credit or debit card option for residential customers to use to make non-recurring credit or debit card payments without incurring a transaction fee. Information on the program, its costs, and presumed adoption rates is included in this appendix.

As described in the Company's Testimony of Penelope McLean Conner May 28, 2019 at Bates Pages 759-772 the Company sought to offer fee free credit/debit cards to residential customers. For purposes of settlement, the Settling Parties agreed that a fee free program will be implemented with the following criteria. The program will be implemented consistent with Ms. Conner's testimony, and limited to residential customers for one-time payments. Automatic recurring payments will not be supported, meaning that customers will be required to enter their credit or debit card payment information for each payment transaction. The Company will report information on the migration of customers to this option to inform potential future decisions on whether to continue, alter, or eliminate the fee free program.

As part of this submission, the Company herein provides updated fee free credit card utilization rates as a percentage of total customer payments based on actual participation rates in the Company's affiliate's Connecticut residential fee free program and with input from peer utilities:

- Using information from Eversource's affiliate in Connecticut, the percent of payments made via credit card increased by 1.3% the year following removal of the fees. This review

excluded the COVID pandemic period because it is not representative of normal customer behavior.

- Based on information provided by Unitil, which has offered a fee free option for over 10 years, Unitil reports a steady state percentage of total customer payments made via credit card compared to all payments of approximately 18%.

Based upon this information, the Company has updated the adoption assumptions for the program in New Hampshire, resulting in lower adoption assumptions and, therefore, lower cost estimates for the first four years of the program than those provided in the initial rate case filing. The updated yearly adoption rates as a percent of total payments are 5%, 6.3%, 7.6% and 8.9% for years 1 through 4, respectively. The updated net cost for the first four years is \$2,081,987 or \$520,497 per year on average as shown in the chart below. The Company’s revenue requirement is revised from \$706,764 per year as proposed in the initial filing to \$375,000 to reflect the costs presumed for the first year of the program. Should the actual costs resulting from customers’ adoption of the fee free option exceed the \$375,000 allowed in rates in the first year, the Company shall increase the amount in rates to an amount reflecting the estimated cost, but not more than \$520,500, effective February 1, 2022.

NH Net Cost Savings Calculation (Residential Only)				
Year	Fee Free Penetration Rate %	Price	Total Offsetting Savings	Net Cost
1	5.00%	\$ 389,901	\$ 15,443	\$ 374,458
2	6.30%	\$ 491,276	\$ 19,458	\$ 471,817
3	7.60%	\$ 592,650	\$ 23,474	\$ 569,176
4	8.90%	\$ 694,024	\$ 27,489	\$ 666,535
Total		\$ 2,167,851	\$ 85,864	\$ 2,081,987

DE 19-057 – APPENDIX 7

New Start - Arrears Management Program

As stated in Section 13 of the Settlement, PSNH shall implement an arrears management program known as “New Start.” New Start is an arrearage management program offered by PSNH that provides payment assistance for qualifying residential customers struggling with past due utility bills. A general description of the program’s rules and requirements, and a list of the agreed upon reporting metrics, is set out in this Appendix as follows.

Program Rules

To be eligible for New Start in New Hampshire, each customer:

- Must be a residential customer with active service;
- Have an account balance that is greater than or equal to \$150 and the \$150 is at least 60 days overdue; and
- Has provided the utility with evidence of “financial hardship” through their current enrollment or their household’s current enrollment in the Low Income Home Energy Assistance Program, the Electric Assistance Program, the Gas Residential Low Income Assistance Program, the Neighbor Helping Neighbor Program, their successor programs, or any other federal, state or local government program or government funded program of any social service agency which provides financial assistance or subsidy assistance for low income households based upon a written determination of household financial eligibility as outlined in Puc 1202.09.

Residential customers with a certified medical emergency must also qualify as financial hardship and meet the eligibility criteria as described above in order to participate in the New Start program. A medical emergency alone does not qualify.

New Start Reporting

Once established, PSNH will provide regular reporting on the activities of the New Start program. PSNH will base its reports on the below described metrics:

- i. Number of customer accounts verified financial hardship.
 - The total number of customers who are verified financial hardship as of the end of a month.
- ii. Number of customers enrolled in the program.
 - The total number of customers enrolled in the New Start program as of the end of a month.
- iii. Number of customers who successfully completed the program.
 - The number of customers who have completed the program during the month.
- iv. Number of customers dropped from the program.
 - The number of customers removed from the program for missed payments and all other reasons during the month.
- v. Number of customers who re-enroll in the program after being dropped and length of time before re-enrollment.
 - The number of customers who have re-enrolled on New Start and the average number of months since being dropped from the program.
- vi. Number of customers who newly enroll in the program after successful completion and length of time before new enrollment.
 - The number of customers who have enrolled in New Start after successfully completing the program within the last 3 years, and the average length of time between completion and new enrollment.
- vii. Number of customers who remain on a budget plan after automatic enrollment upon completion and for how long.
 - The number of customers who remain on the budget for each of the following periods of time: 1-3 Months, 3-6 Months, 6-9 Months, 9-12 Months, 12-18 Months, 18-36 Months.
- viii. Total dollar amount of arrearages forgiven.
 - The total amount of dollars forgiven by month.

- ix. Average dollar amount per participating customer of arrearages forgiven.
 - The average dollar amount of arrears forgiven for customers who received forgiveness during a month.
- x. Comparison of disconnections for financial hardship customers before and after program start.
 - The number of 2019 financial hardship residential customers disconnected and eligible for disconnection by month, and the number of financial hardship residential customers disconnected and eligible for disconnection after the program starts.
- xi. Comparison of lead-lag before and after program start.
 - The comparison of the number of days revenue outstanding for hardship customers not on New Start compared to those that are on New Start.
- xii. Comparison of bills behind for hardship customers before and after program start.
 - The average amount of delinquency in dollars and days aged in 2019 compared to months after the program starts.
- xiii. Quantification of impact of program on field visits and customer service.
 - The number of field visits per month, and customer satisfaction metrics.
- xiv. Quantification of impact of program on reconnections.
 - The number of credit reconnects and subsequent enrollment or re-enrollment on the New Start program.
- xv. Quantification of impact of program on uncollectible.
 - The 12-month rolling Net Write-Off as a Percent of Revenue lagged 6 months. This indicates the percentage of revenue is written off less any recoveries.
- xvi. The dollars of bills for current service by month.
 - The total budget amount billed to New Start customers during a month.
- xvii. The dollars of actual receipts from customers by month.
 - The total amount of payments made by New Start customers during a month.
- xviii. The number of accounts receiving a bill by month.
 - The number of accounts on the New Start program that were sent a bill during a month.
- xix. The number of accounts making a payment by month.
 - The number of accounts on the New Start program that made any amount of payment during a month.

- xx. The number of accounts that are either one or two payments behind on the New Start Program.
- xxi. The dollars of New Start budget arrears of customers that are either one or two payments behind on the program.
- xxii. The average arrears of accounts with arrears (other than their New Start arrears) by month.
 - The average New Start budget arrears for customers that are one or two payments behind on the program (xxi divided by xx).
- xxiii. The number of accounts with a \$0 balance by month.
 - The number of accounts that are current on the New Start program, where the owed balance is less than or equal to the current bill.

DE 19-057 – APPENDIX 8

Outdoor Lighting

As noted in Section 14 of the Settlement, PSNH shall be creating a new rate (“EOL-2”) to allow additional flexibility and options for municipalities to install advanced lights and lighting controls, and to allow municipalities to own and maintain the streetlights in their communities. Additionally, PSNH shall work with interested parties on final tariff language to implement this provision. Included below is a framework for the structure of that new rate offering which will form the basis for the final tariff language to be presented to the Commission.

	Current EOL Tariff	New Tariff (EOL-2)
Purchase of Lights	Customer purchases LED lights, pays for undepreciated value of existing lights at NBV.	Customer purchases lights from Company at undepreciated value of existing lights at NBV.
New Asset Treatment	Turned over to Company at \$0 NBV.	Customer maintains ownership.
New installation?		
Installation of LED Lights	Company or Customer can install. Customer responsible for all installation costs.	Customer installs. Customer responsible for ¹ all installation costs.
Contractor Approval Required	Yes	Yes
Maintenance Responsibility	Company	Customer – Fixture (OH) or Base/pole/head only (UG) (see Ownership Line of Demarcation)
Ownership Line of Demarcation	N/A – Company maintains ownership of all assets	Customer owns fixture ² while Company owns bracket, service wire, etc. up to but excluding fixture (OH). ³
Responsibility of Replacement of Asset due to Accident or Property Damage	Customer responsibility at \$95 per fixture per visit plus cost of materials. Company would update with the rates in the new Tariff.	Propose to update to \$189 for cost of removal and installation of each light (fixture). If customer only wants us to remove, then \$90 per light.
Clear, ongoing Company responsibilities?	Customer pays cost of removal if replaced	Customer pays cost of removal if replaced

- 1 Potential fees for remove and/or replacement services
- 2 Clarify details; contrast with CT customer-owned lighting, where Eversource owns & maintains the secondaries & customer is responsible for the bracket (and fixture) & the secondary wire inside the bracket. Eversource connects our secondary to this wire which is the demarcation point.
- 3 Similarly, for UG service, Company facility ownership demarcation required (e.g., up to but excluding base)

PUBLIC SERVICE OF NEW HAMPSHIRE, DBA EVERSOURCE ENERGY
DOCKET NO. DE 19-057

SETTLEMENT APPENDIX 9
PROPOSED TARIFF CHANGES

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

NHPUC NO. 10 – ELECTRICITY DELIVERY

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

TARIFF FOR ELECTRIC DELIVERY SERVICE

in

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

(For detailed description, see Service Area)

Issued: October 9, 2020

Issued by: /s/ Joseph A. Purington
Joseph A. Purington

Effective: January 1, 2021

Title: President and Chief Operating Officer

NHPUC NO. 10 - ELECTRICITY DELIVERY
 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
 DBA EVERSOURCE ENERGY

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TERMS AND CONDITIONS FOR DELIVERY SERVICE

1. Service Area

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

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

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

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

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

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

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

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

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2. Definitions

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

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

Commission: The State of New Hampshire Public Utilities Commission.

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

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

Customer Choice Date: May 1, 2001.

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

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

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

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

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

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

FERC: The Federal Energy Regulatory Commission.

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

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

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

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

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

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

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

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

NEPOOL: The New England Power Pool.

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

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

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

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

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

Issued: October 9, 2020

Issued by: /s/ Joseph A. Purington
Joseph A. Purington

Effective: January 1, 2021

Title: President and Chief Operating Officer 077

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

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

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

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

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

3. General

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

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

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

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

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

4. Availability

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

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

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

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

5. Application, Contract and Commencement of Service

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

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

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

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

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

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

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

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

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7. Termination of Supplier Service or Self-Supply Service

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

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

8. Unauthorized Switching of Suppliers

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

9. Conditions of Delivery Service

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

10. Deposits, Payments, Refusal or Discontinuance of Service

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

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

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

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

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

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

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11. Returned Payment Charge for Insufficient Funds

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

12. Failure of Payment Agent to Remit Payment

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

13. Refusal to Serve

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

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

14. Maximum Demand

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

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

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

15. Meters

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

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

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

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

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

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

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

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16. Customer Use of Electricity

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

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

17. Compliance

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

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

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18. Resale of Delivery Service

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

19. Company Property

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

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

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

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

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20. 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.

21. Conjunctional Service

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

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

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22. Conditions Under Which This Tariff is Made Effective

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23. Customer Choice of Rate

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

24. Statement by Agent

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

25. 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.

26. Charges for Temporary Services

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

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27. Underground Service

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

28. Diversion and Metering Tampering

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

29. Stranded Cost Recovery Charge

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

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

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

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

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

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

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

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

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

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

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

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

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

The SCRC also includes the costs of implementing 2018 N.H. Laws, Chapter 340, “AN ACT requiring the public utilities commission to revise its order affecting the Burgess BioPower plant in Berlin, ... ” per Order No. 26,332 (“Ch. 340” costs). The revenue requirement necessary to recover Ch. 340 stranded costs will be allocated on an equal cents/kWh basis for all customer classes. Any difference between the amount of Ch. 340 costs to be recovered during any six month period and the actual revenue received during that period shall be refunded or recovered by

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PSNH with a return during the subsequent six-month period by reducing or increasing Ch. 340 costs for the subsequent six-month period. The return will be calculated using the Stipulated Rate of Return set forth in the Settlement Agreement. Ch. 340 costs will continue for as long as there are such costs to be recovered from or refunded to customers by the Company.

The overall average SCRC by rate class and by component effective August 1, 2020 through January 31, 2021 are as follows:

Rate Class	Part 1 ¢/kWh	Part 2 ¢/kWh	Ch. 340 ¢/kWh	RGGI ¢/kWh	Total ¢/kWh
Residential Service	1.005	-0.507	0.607	-0.130	0.975
General Service	0.941	-0.534	0.607	-0.130	0.884
Primary General Service	0.777	-0.443	0.607	-0.130	0.811
Large General Service	0.293	-0.202	0.607	-0.130	0.568
Outdoor Lighting Service	1.196	-0.726	0.607	-0.130	0.947

30. Transmission Cost Adjustment Mechanism

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

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services such as charges relating to the stability of the transmission system which the Company is authorized to recover by order of the regulatory agency having jurisdiction over such charges; and transmission-based assessments or fees billed by or through regulatory agencies, including those associated with the ISO-NE, regional transmission organization (“RTO”) and the FERC. For purposes of this mechanism, “Other Transmission Providers” shall be defined as any transmission provider and any regional transmission group, an independent system operator, an RTO and their successors, or other such body with the oversight of regional transmission, in the event that any of these entities are authorized to bill the Company directly for their services.

The TCAM rates shall be established annually based on a forecast of includable costs, and shall also include a full reconciliation with interest for any overrecovery or underrecovery occurring in the prior year. The Company may file to change the TCAM rates at any time if a significant overrecovery or underrecovery occurs. Interest on overrecoveries or underrecoveries shall be calculated at the prime rate.

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

31. System Benefits Charge

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

System Benefits Charge..... 0.743 cents per kilowatt-hour

32. Regulatory Reconciliation Adjustment

The Regulatory Reconciliation Adjustment (“RRA”) mechanism, shall recover or refund the reconciled costs associated with the following elements:

- (a) Regulatory Commission annual assessments and consultants hired or retained by the Commission and OCA.
- (b) Vegetation management program variances.
- (c) Property tax expenses, as compared to the amount in base rates.
- (d) Lost-base distribution revenues associated with net metering, as calculated consistent with RSA 362-A:9, VII and the Commission’s approved method in Order No. 26,029 (June 23, 2017) in Docket No. DE 16-576.
- (e) Storm cost amortization final reconciliation and annual reconciliation updated for actual cost of long-term debt.

The RRA shall be established annually based a full reconciliation with interest for any over- or under-recoveries occurring in prior year(s). Interest shall be calculated at the prime rate, to be fixed on a quarterly basis and to be established as reported in The Wall Street Journal on the first business day of the month preceding the calendar quarter. If more than one interest rate is reported, the average of the reported rates shall be used. There will be no adjustment for Accumulated Deferred Income Tax (“ADIT”) in the interest calculation. For purposes of billing under the alternative net metering tariff that became effective September 1, 2017, the RRA will be considered part of the credit to net metering customers.

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33. Late Payment Charge

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

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

34. Loss of Service Investigation Charge

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

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

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35. Rates for Purchases from Qualifying Facilities

Availability:

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

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

Selling Options:

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

Metering:

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

Net Metering:

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

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

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

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

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1. Eligibility

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

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

2. Metering

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

3. Billing

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

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

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

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

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

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

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

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

4. Grandfathering Provisions

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

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

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

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

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

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

5. Renewable Energy Certificates

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

Rates:

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

Wheeling Charges:

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

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36. Line Extensions

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

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

1. Location of Distribution Facilities

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

2. Calculation of Line Extension Construction Costs

Definitions

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

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

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

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

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Additional Distribution Facilities

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

Adding Additional Phases to Existing Overhead Single-phase Facilities

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

Overhead Single-Phase Facilities

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

<u>Effective Dates</u>	<u>Overhead, Single-Phase Average Cost per Foot</u>
April 1, 2020 – March 31, 2021	\$29.51
April 1, 2021– Forward	See section “Average Cost per Foot Effective From April 1, 2021– Forward”

Overhead Three-Phase Facilities

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

Underground Single-Phase Facilities

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

<u>Effective Dates</u>	<u>Underground, Single-Phase Average Cost per Foot</u>
April 1, 2020 – March 31, 2021	\$16.22
April 1, 2021 – Forward	See section “Average Cost per Foot Effective From April 1, 2021 – Forward”

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Underground Three-Phase Facilities

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

Average Cost per Foot Effective From April 1, 2021 - Forward

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

3. Customer Responsibilities

- i) **Payments:** The Customer is responsible to pay to the Company their proportional share of any line extension construction costs in accordance with any line extension agreements in effect when service is requested by the Customer (for line extensions constructed after September 1, 2016) prior to the start of the Company's construction. In addition, the Customer is responsible to pay to the Company any line extension construction costs as defined in section 2 above and any special costs as defined in section ix below prior to the start of the Company's construction if the total cost is \$3,000 or less. If the total cost is greater than \$3,000, the Customer has the option to either pay the total amount prior to the start of construction, or to sign an agreement to pay the amount in excess of \$3,000 in 60 equal monthly payments, plus interest at the rate of interest applicable to the Company's Customer deposit accounts at the time of execution of the agreement ("Line Extension Monthly Surcharge"). The Company reserves the right to place a lien on the property until such time that the payment obligation is fulfilled. The Customer must agree, as a condition of the line extension monthly payment option, that if the Customer sells, leases or otherwise transfers control and use of the home to another individual ("New Occupant"), and such "New Occupant" opens a new account with the Company, the Customer will obtain an agreement from the "New Occupant" to pay the remaining balance as prescribed in the agreement that would have been owed by the Customer at that location. Unless the "New Occupant" signs a new superseding payment agreement with the Company, the original Customer will remain personally liable for the balance owed to the Company. Any retail Customer that fails to pay the Line Extension Monthly Surcharge shall be subject to disconnection of service to the same extent that such Customer would, under applicable law and regulations, be subject to disconnection of service for failure to pay any other charge payable to the Company..

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- ii) Easements: The Customer is responsible to provide, without expense or cost to the Company, the necessary permits, consents or easements for a right-of-way satisfactory to the Company on the Customer's property for the construction, maintenance and operation of the Company's distribution facilities, including the right to cut and trim trees and bushes.
- iii) Environmental Permits: The Customer is responsible to provide, without expense or cost to the Company, the necessary environmental permits for the construction, maintenance and operation of the Company's distribution facilities on the Customer's property.
- iv) Plans: The Customer is responsible to provide the Company with details of the intended installation, including property lines, building locations, service entrance specifications and major electrical load information.
- v) Other Documents: If the Customer intends to use an existing easement area to cross the property of others with the Company's distribution facilities, the Customer is responsible to provide evidence that the easement permits the installation of such facilities by the Company.
- vi) Code Compliance: The Customer is responsible to obtain the necessary approvals from the local inspection authorities before the Customer's service entrance equipment is connected to the Company's distribution system.
- vii) Site Plans: Developers must provide to the Company a site plan or other documentation identifying the maximum number of lots or self-contained living units. The developer shall also provide the Company additional notice should the number of lots or living units increase or decrease from the initial documentation. The developer is responsible to pay any additional costs, including design costs, resulting from changes to the number of lots or units developed subsequent to the original documentation. Upon request, all other Customers requesting service shall provide a site plan for the Company to design the distribution facilities.
- viii) Underground Distribution Facilities: The Customer shall furnish to the Company's specifications all trench excavation, back-fill, conduit, duct bank, manholes, vaults, pedestals and transformer foundations necessary for the installation of underground electric distribution facilities. Underground distribution facilities shall be provided in accordance with the Company's "Information and Requirements for Electric Supply".
- ix) Special Costs: The Customer shall pay for all costs incurred by the Company for extensions that require construction which would result in special costs, such as railroad or National Forest crossings, crossing rivers and ponds, crossing wetlands, extending to an island, use of submarine cable or any additional costs incurred to protect the environment and comply with the Company's environmental policy and procedures.
- x) The Customer shall be responsible for any other requirements as specified in the Company's "Information and Requirements for Electric Supply".

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4. Company Responsibilities

The Company shall be responsible for:

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

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

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37. Interconnection Standards For Generating Facilities

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

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TERMS AND CONDITIONS FOR ENERGY SERVICE PROVIDERS

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

1. Obligations of Suppliers

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

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DBA EVERSOURCE ENERGY

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

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

2. Services and Schedule of Charges

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

(a) Customer Usage Data

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

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(b) Interval Data Services

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

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

1. Interval Data Access Service

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

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

Single Delivery Service Account.....\$25.00 per Month*

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

(ii) One-Time Request for Interval Data

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

Single Delivery Service Account.....\$50.00 per Request

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2. Load Pulse Outputs Service

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

Load Pulse Output
Up to Two Metered Quantities\$800 per Isolation Relay Device

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(c) Supplier Customer Service

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

Supplier Customer Service Charge\$1.10 per minute

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

(d) Billing and Payment Service

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

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

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

Programming Setup Charge.....\$95.00 per hour

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

Rate Maintenance and Error Correction Charge.....\$53.00 per hour

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

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

(e) Off-Cycle Meter Reading

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

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

3. Initiation and Termination of Supplier Service

(a) Initiation

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

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

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

(b) Termination

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

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

(c) Customer Moves

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

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

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

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(d) Other

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

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

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

Customer Transfer Charge: \$64 per service account

5. Interruption, Disconnection and Refusal of Delivery Service

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

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

6. Metering

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

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

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Should a Supplier install metering equipment or any other equipment on Customer-owned facilities which interferes with the operation of the Company's metering equipment or any other Company-owned equipment, the Supplier shall undertake best efforts to remedy the interference in a timely manner and shall compensate the Company for any damages resulting from the interference. Failure to remedy the interference may result in the termination of Delivery Service after 30 days' notice to the Supplier and Customer.

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

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

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

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

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

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

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

(b) Determination of Customer Load

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

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

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The Company will increase the hourly loads by a distribution loss factor, to account for losses between the Customer meter and the ISO-NE reporting point, the PTF boundary. The distribution loss factors used are for approximation purposes only and are to be used exclusively for the calculation of the Customers loads. Any potential difference between these loss factors and actual hourly losses will be captured in the allocation of residual, as described below.

(c) Determination of Supplier Loads

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

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

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

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

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

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

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

(e) Data Review

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

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

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8. Liability

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

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

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Rate R

RESIDENTIAL DELIVERY SERVICE RATE R

AVAILABILITY

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

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

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

CHARACTER OF SERVICE

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

RATE PER MONTH

Customer Charge \$13.81 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charge..... 4.811¢

Regulatory Reconciliation Adjustment.....X.XX¢

Transmission Charge 3.011¢

Stranded Cost Recovery.....0.982¢

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Rate R

WATER HEATING - UNCONTROLLED

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

Meter Charge \$4.87 per month

Energy Charges:

Distribution Charge.....	2.161¢ per kilowatt-hour
Regulatory Reconciliation Adjustment.....	X.XX¢ per kilowatt-hour
Transmission Charge.....	2.331¢ per kilowatt-hour
Stranded Cost Recovery.....	0.982¢ per kilowatt-hour

WATER HEATING - CONTROLLED

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

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

Meter Charge \$6.38 per month

Energy Charges:

Distribution Charge.....	1.141¢ per kilowatt-hour
Regulatory Reconciliation Adjustment.....	X.XX¢ per kilowatt-hour
Transmission Charge	2.331¢ per kilowatt-hour
Stranded Cost Recovery.....	0.568¢ per kilowatt-hour

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ELDERLY CUSTOMER DISCOUNT

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

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

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

SERVICE CHARGE

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

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Rate R-OTOD

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

AVAILABILITY

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

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

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

LIMITATIONS ON AVAILABILITY

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

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

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Rate R-OTOD

SERVICE AGREEMENT

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

CHARACTER OF SERVICE

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

RATE PER MONTH

Customer Charge\$32.08 per month

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
 weekdays excluding Holidays)14.710¢

Off-Peak Hours (all other hours)0.513¢

Regulatory Reconciliation Adjustment.....X.XX¢ per kilowatt-hour

Transmission Charges:

On-Peak Hours (7:00 a.m. to 8:00 p.m.
 weekdays excluding Holidays) 3.011¢

Off-Peak Hours (all other hours)1.966¢

Stranded Cost Recovery.....0.844¢

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

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 Rate R-OTOD

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

Meter Charge \$6.38 per month

Energy Charges:

Distribution Charge..... 1.141¢ per kilowatt-hour

Regulatory Reconciliation Adjustment X.XX¢ per kilowatt-hour

Transmission Charge 2.331¢ per kilowatt-hour

Stranded Cost Recovery.....0.568¢ per kilowatt-hour

SERVICE CHARGE

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

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Rate EAP

RESIDENTIAL ELECTRIC ASSISTANCE PROGRAM RATE EAP

AVAILABILITY

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

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

PERCENT DISCOUNT

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

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

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The following percent discounts apply:

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

DEPOSITS

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

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

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 Rate G

GENERAL DELIVERY SERVICE RATE G

AVAILABILITY

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

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

CHARACTER OF SERVICE

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

RATE PER MONTH

	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$16.21 per month	\$32.39 per month

Customer's Load Charges:

	<u>Per Kilowatt of Customer Load in Excess of 5.0 Kilowatts</u>
Distribution Charge.....	\$10.49
Regulatory Reconciliation Adjustment.....	\$X.XX
Transmission Charge	\$7.77
Stranded Cost Recovery.....	\$0.69

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Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 500 kilowatt-hours	2.805¢
Next 1,000 kilowatt-hours	2.268¢
All additional kilowatt-hours	1.709¢

Transmission Charge

First 500 kilowatt-hours	2.807¢
Next 1,000 kilowatt-hours	1.056¢
All additional kilowatt-hours	0.566¢

Stranded Cost Recovery.....0.732¢

WATER HEATING - UNCONTROLLED

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

Meter Charge \$4.87 per month

Energy Charges:

Distribution Charge.....	2.161¢ per kilowatt-hour
Regulatory Reconciliation Adj.	X.XX¢ per kilowatt-hour
Transmission Charge	2.331¢ per kilowatt-hour
Stranded Cost Recovery.....	0.924¢ per kilowatt-hour

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Rate G

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

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

CUSTOMER'S LOAD

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

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

SERVICE CHARGE

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

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

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Rate G-OTOD

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

AVAILABILITY

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

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

LIMITATIONS ON AVAILABILITY

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

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

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 Rate G - OTOD

SERVICE AGREEMENT

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

CHARACTER OF SERVICE

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

RATE PER MONTH	<u>Single-Phase Service</u>	<u>Three-Phase Service</u>
Customer Charge	\$41.98 per month	\$60.00 per month
Customer's Load Charges:	<u>Per Kilowatt of Customer Load</u>	
Distribution Charge.....	\$13.92	
Regulatory Reconciliation Adjustment.....	\$X.XX	
Transmission Charge	\$ 5.12	
Stranded Cost Recovery.....	\$ 0.35	

Energy Charges:

	<u>Per Kilowatt-Hour</u>
Distribution Charges:	
On-Peak Hours (7:00 a.m. to 8:00 p.m. weekdays excluding Holidays)	5.335¢
Off-Peak Hours (all other hours)	0.836¢
Stranded Cost Recovery.....	0.532¢

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Rate G-OTOD

CUSTOMER'S LOAD

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

SERVICE CHARGE

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

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Rate LCS

LOAD CONTROLLED DELIVERY SERVICE RATE LCS

AVAILABILITY

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

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

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

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

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Rate LCS

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

LIMITATIONS ON AVAILABILITY

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

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

TERM

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

RATE PER MONTH

Customer Charges:

Radio-Controlled Option\$6.99 per month
8-Hour, 10-Hour or 11-Hour Option\$6.38 per month

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 Rate LCS

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

Radio-Controlled Option or 8-Hour Option 1.141¢
 10-Hour or 11-Hour Option 2.161¢

Regulatory Recovery Adjustments:

Radio-Controlled Option..... X.XXX¢
 8-Hour Option X.XXX¢
 10-Hour or 11-Hour Option X.XXX¢

Transmission Charge 2.331¢

Stranded Cost Recovery (When service is taken
 in conjunction with Rate R).....0.568¢

Stranded Cost Recovery (When service is taken
 in conjunction with Rate G).....0.532¢

METERS

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

ELECTRIC THERMAL STORAGE EQUIPMENT APPROVED FOR LOAD CONTROL

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

I. Electric Thermal Storage Space Heating Equipment

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

The storage capability of the electric thermal storage device must be adequate to heat the Customer's whole premises under design conditions and must be properly sized to ensure

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A constant rate of charging during the period which service under this rate is available as determined by the Company in accordance with its customary procedures. A smaller sized electric thermal storage device may be approved by the Company for use in the Customer's premises under the Radio Controlled Option.

II. Electric Thermal Storage Water Heating

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

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

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

INCREASED WATER HEATING CAPABILITY

Electric thermal storage water heating with switching capabilities for increasing the capability of the Customer's water heating equipment is available under this rate at those locations which had switching capability installed on or before January 1, 1994 and which have continuously received such service since that date. The element or elements must be connected and wired such that increased water heating capability is provided under Rate R or Rate G. Customers with installed switching capability will be billed an additional \$1.35 per month as a Customer charge. Switching capability is not available under the Radio-Controlled Option.

FEE FOR EMERGENCY CHARGING

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

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Rate GV

PRIMARY GENERAL DELIVERY SERVICE RATE GV

AVAILABILITY

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

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

CHARACTER OF SERVICE

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

RATE PER MONTH

Customer Charge\$211.21 per month

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Demand Charges:

Per Kilowatt of Maximum Demand

Distribution Charges:

First 100 kilowatts.....	\$6.48
Excess Over 100 kilowatts.....	\$6.22
Regulatory Reconciliation Adjustment.....	\$X.XX
Transmission Charge	\$10.40
Stranded Cost Recovery.....	\$0.65

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

First 200,000 kilowatt-hours.....	0.657¢
All additional kilowatt-hours	0.583¢
Stranded Cost Recovery.....	0.643¢

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Rate GV

PRIMARY METERING LOSS ADJUSTMENT

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

MAXIMUM DEMAND

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

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

OFF-PEAK PERIODS

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

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DBA EVERSOURCE ENERGY

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Rate GV

CONTRACT TERM

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

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum charge shall be \$1,015 per month.

APPARATUS

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

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Rate GV

METERING

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

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 Rate LG

LARGE GENERAL DELIVERY SERVICE RATE LG

AVAILABILITY

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

CHARACTER OF SERVICE

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

RATE PER MONTH

Customer Charge \$660.15 per month

Demand Charges:

Per Kilovolt-Ampere of Maximum Demand

Distribution Charge..... \$5.51
 Regulatory Reconciliation Adjustment..... \$X.XX
 Transmission Charge \$10.24
 Stranded Cost Recovery..... \$0.49

Energy Charges:

Per Kilowatt-Hour

Distribution Charges:

On-Peak Hours.....0.554¢
 Off-Peak Hours0.468¢

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 Rate LG

Energy Charges (Continued...)

Stranded Cost Recovery:	<u>Per Kilowatt-Hour</u>
On-Peak Hours	0.519¢
Off-Peak Hours	0.378¢

MAXIMUM DEMAND

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

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

OFF-PEAK PERIOD

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

CONTRACT TERM

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

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Rate LG

DISCOUNT FOR SERVICE AT 115,000 VOLTS

A monthly discount of forty-nine cents (\$0.49) per kilovolt-ampere (KVA) of maximum demand shall be given to Customers who contract to take service under this rate at a delivery voltage of 115,000 volts and to pay charges based on a monthly maximum demand of at least 10,000 kilovolt-amperes. Except as provided in the last sentence of this paragraph, this discount is available only at specified delivery points on the 115,000 volt transmission system of the Company as it exists from time to time where, in the opinion of the Company, there is sufficient capacity in facilities to supply the Customer's requirement and where system integrity and operating flexibility will not be impaired by the addition of the Customer's load. The discount is available also at other delivery points, provided the Customer satisfies the Company's requirements determined under Paragraph (a) of the section of this rate entitled "Guarantees".

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

GUARANTEES

- (a) When the estimated expenditure necessary to deliver electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the delivery of such energy at the rate herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging, or rebuilding its facilities to deliver electrical energy properly to the Customer's point of delivery or other reasonable payments in addition to the payments otherwise provided herein.
- (b) Except as provided by the Terms and Conditions and as modified by the provisions of Paragraph (a) of this section, and exclusive of any charges made under the provisions of the section in this rate entitled "Apparatus" and if applicable, for Default Energy Service, the minimum monthly charge shall be \$1,076 per month.

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Rate LG

APPARATUS

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

METERING

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

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Rate B

BACKUP DELIVERY SERVICE RATE B

AVAILABILITY

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

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

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

DEFINITIONS

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

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 Rate B

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

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

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

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

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

RATE PER MONTH

Administrative Charge	\$372.10 per month
Translation Charge	\$62.42 per recorder per month

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Rate B

Demand Charges:

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

Transmission Charge.....	\$1.59 per KW or KVA, whichever is whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate GV)...	\$0.32 per KW or KVA, whichever is applicable, of Backup Contract Demand
Stranded Cost Recovery (For Customers whose Standard Rate is Rate LG)....	\$0.24 per KW or KVA, whichever is applicable, of Backup Contract Demand

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

Distribution Charge.....	\$5.12 per KW or KVA, whichever is applicable, of Backup Contract Demand
Regulatory Reconciliation Adj.	\$X.XX per KW or KVA, whichever is applicable, of Backup Contract Demand

Energy Charges:

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

METERING

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

REFUSAL TO PROVIDE ACCESS

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

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Rate B

CONTRACT TERM

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

SPECIAL PROVISIONS

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

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 Rate OL

OUTDOOR LIGHTING DELIVERY SERVICE RATE OL

AVAILABILITY

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

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

All-night outdoor lighting service on an annual basis totaling approximately 3,937 hours of operation per year and midnight outdoor lighting service on an annual basis totaling approximately 1,815 hours of operation per year shall be provided for under this rate.

RATE PER MONTH

Energy Charge:

Per Kilowatt-Hour

Transmission Charge	2.058¢
Stranded Cost Recovery.....	0.954¢
Regulatory Reconciliation Adjustment.....	X.XX¢

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

All-Night Service Option:

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

For New and Existing Installations:

Lamp Nominal

Light Output <u>Lumens</u>	Power Rating <u>Watts</u>	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
High Pressure Sodium:														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	\$14.77
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	14.77
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	19.64
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	27.78
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	28.47
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	28.79
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	46.20

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 Rate OL

Metal Halide:

5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$15.41
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	21.09
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	28.94
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	29.55
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	29.55
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	29.82
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	44.71

Light Emitting Diode (LED):

2,500	28	13	11	10	9	8	8	8	9	10	11	12	13	\$10.00
4,100	36	17	14	13	12	10	10	10	11	13	15	15	17	9.97
4,800	51	24	20	19	17	14	14	14	16	18	21	21	24	10.13
8,500	92	43	36	34	30	26	25	26	29	33	37	39	43	11.17
13,300	142	66	56	53	47	40	38	40	44	51	57	60	66	12.35
24,500	220	102	86	82	73	61	59	61	68	79	89	92	102	15.54

For Existing Installations Only:

Lamp Nominal

Light Output Lumens	Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Incandescent:														
600	105	49	41	39	35	29	28	29	33	38	42	44	49	\$8.51
1,000	105	49	41	39	35	29	28	29	33	38	42	44	49	9.50
2,500	205	95	80	76	68	57	55	57	64	74	83	86	95	12.19
6,000	448	208	176	167	148	125	121	125	139	161	181	188	208	20.94

Mercury:

3,500	100	54	46	44	39	33	32	33	36	42	47	49	54	\$13.03
7,000	175	95	80	76	68	57	55	57	64	74	83	86	95	15.68
11,000	250	136	114	109	96	81	79	81	91	105	118	123	136	19.38
15,000	400	211	178	169	149	126	122	126	140	163	183	190	211	22.17
20,000	400	211	178	169	149	126	122	126	140	163	183	190	211	23.94
56,000	1,000	503	424	403	357	302	292	302	335	390	436	454	503	38.05

Fluorescent:

20,000	330	153	129	123	109	92	89	92	102	119	133	139	153	\$32.47
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High Pressure Sodium in Existing Mercury Luminaires:

12,000	150	84	71	67	59	50	49	50	56	65	73	76	84	20.32
34,200	360	192	162	154	136	115	112	115	128	149	166	173	192	26.01

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

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Rate OL

Midnight Service Option:

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

Lamp Nominal

Light Output Lumens	Power Rating Watts	Monthly KWH per Luminaire												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<u>High Pressure Sodium:</u>														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$14.77
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	14.77
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	19.64
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	27.78
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	28.47
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	28.79
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	46.20
<u>Metal Halide:</u>														
5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$15.41
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	21.09
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	28.94
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	29.55
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	29.55
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	29.82
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	44.71
<u>Light Emitting Diode (LED):</u>														
2,500	28	13	11	10	9	8	8	8	9	10	11	12	13	\$10.00
4,100	36	17	14	13	12	10	10	10	11	13	15	15	17	9.97
4,800	51	24	20	19	17	14	14	14	16	18	21	21	24	10.13
8,500	92	43	36	34	30	26	25	26	29	33	37	39	43	11.17
13,300	142	66	56	53	47	40	38	40	44	51	57	60	66	12.35
24,500	220	102	86	82	73	61	59	61	68	79	89	92	102	15.54

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Joseph A. Purington
Title: President and Chief Operating Officer

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MODIFICATION OF SERVICE OPTION

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

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

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

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LEAP YEAR ADJUSTMENT TO ENERGY

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

CONTRACT TERM

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

MAINTENANCE

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

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

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

Except for the excess costs of underground facilities to be apportioned as set forth in the provisions for underground electric distribution facilities specified in the Company's "Information and Requirements for Electric Supply", any costs incurred in connection with new installations, extensions and replacements which exceed the costs of a standard outdoor lighting fixture equipped with an all-night service option photocell located on existing poles with overhead wiring shall be borne by the Customer. Such excess costs shall be paid as a lump sum prior to the installation of the equipment.

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

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

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

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

For outdoor area lighting installations, the Customer shall provide without expense or cost to the Company, all permits, consents, or easements necessary for the erection, maintenance, and operation of the Company's facilities, including the right to cut and trim trees and bushes wherever necessary; and the Company shall not be required to move its facilities to another location on the Customer's premises unless the Customer shall bear the cost thereof. The Company reserves the right to restrict such installations under this rate to those which will yield a reasonable return to the Company and to areas which are easily accessible by service truck. Installations of 4,000 lumen (50 watt) high pressure sodium luminaires will not be allowed as replacements of existing 3,500 lumen (100 watt) mercury luminaires unless the Customer agrees to pay for the remaining unexpired life of the retired equipment, including the unexpired portion of the cost of installation and the cost of removal less any salvage value of the equipment removed.

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

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

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

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ENERGY EFFICIENT OUTDOOR LIGHTING DELIVERY SERVICE RATE EOL

AVAILABILITY

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

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

(a) contribute to the Company the remaining unexpired life of currently installed high pressure sodium and metal halide fixtures and brackets which the Customer wishes to remain in service on the date that service under this rate is initiated;

(b) contribute to the Company the cost of removal and remaining unexpired life of any street and area lighting fixtures and brackets as of the date that such fixtures are removed and replaced with energy efficient lighting technology in accordance with this Rate Schedule;

(c) pay the Company the installed cost for all new high pressure sodium and metal halide fixtures and brackets placed into service under this rate, and;

(d) furnish any fixtures utilizing other lighting technologies accepted by the Company, and pay either the Company or a private line contractor, as described under the “Additional Requirements” section below, for the installation of these fixtures.

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

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

LIMITATIONS ON AVAILABILITY

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

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

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

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

SERVICE AGREEMENT

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

SERVICE DURING THE CONVERSION PERIOD FROM RATE OL TO RATE EOL

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

MONTHLY RATES

Energy Charge:

Per Kilowatt-Hour

Transmission Charge	2.058¢
Stranded Cost Recovery.....	0.954¢
Regulatory Reconciliation Adjustment.....	X.XX¢

In addition to the energy charges above, Customers shall be assessed the monthly Distribution Rates shown below. The energy charge shall be applied to the monthly kilowatt-hours specified below for the applicable fixture and service option. For outdoor lighting charges

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

All-Night Service Option:

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

Lamp Nominal Light Output Lumens	Power Rating Watts	Monthly KWH per Fixture												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
High Pressure Sodium:														
4,000	50	27	23	22	19	16	16	16	18	21	23	24	27	\$6.12
5,800	70	40	34	32	29	24	23	24	27	31	35	37	40	6.43
9,500	100	59	50	47	42	35	34	35	39	46	51	53	59	6.85
16,000	150	88	74	70	62	53	51	53	59	68	76	79	88	7.51
30,000	250	142	120	113	101	85	82	85	95	110	123	128	142	8.73
50,000	400	217	183	173	154	130	126	130	144	168	188	196	217	10.44
130,000	1,000	510	430	408	362	306	296	306	340	395	442	460	510	17.11
Metal Halide:														
5,000	70	41	35	33	29	25	24	25	28	32	36	37	41	\$6.45
8,000	100	56	47	45	40	34	33	34	38	44	49	51	56	6.79
13,000	150	88	74	71	63	53	51	53	59	68	77	80	88	7.52
13,500	175	96	81	77	68	57	56	57	64	74	83	87	96	7.69
20,000	250	134	113	107	95	80	78	80	89	104	116	121	134	8.55
36,000	400	209	176	167	149	126	122	126	140	162	181	189	209	10.27
100,000	1,000	502	423	402	356	301	292	301	335	389	435	454	502	16.93

LED's and other technologies accepted by the Company:

	<u>Per</u>	<u>Per</u>
	<u>Fixture</u>	<u>Watt</u>
Monthly Distribution Rates	\$3.01	\$0.01058

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

Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

Monthly Hours of Operation											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
421	350	342	342	257	230	248	283	316	372	399	433

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Midnight Service Option:

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

Lamp Nominal Light Output Lumens	Power Rating Watts	Monthly KWH per Fixture												Monthly Distribution Rate
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
High Pressure Sodium:														
4,000	50	14	11	9	10	7	6	6	7	9	11	13	14	\$6.12
5,800	70	20	16	13	15	11	9	9	11	13	16	20	21	6.43
9,500	100	30	23	20	21	16	13	14	16	19	24	28	31	6.85
16,000	150	44	34	29	31	24	20	21	24	28	35	42	47	7.51
30,000	250	71	56	47	51	38	32	33	38	46	57	69	76	8.73
50,000	400	109	85	72	77	58	49	51	58	70	87	105	116	10.44
130,000	1,000	255	200	170	181	136	115	119	136	165	204	246	272	17.11
Metal Halide:														
5,000	70	20	16	14	15	11	9	10	11	13	17	20	22	\$6.45
8,000	100	28	22	19	20	15	13	13	15	18	23	27	30	6.79
13,000	150	44	34	30	31	24	20	21	24	28	36	43	47	7.52
13,500	175	48	38	32	34	25	22	22	26	31	38	47	51	7.69
20,000	250	67	52	45	48	36	30	31	36	43	54	65	71	8.55
36,000	400	104	82	70	74	56	47	49	56	68	84	101	111	10.27
100,000	1,000	251	196	167	178	134	114	117	134	162	201	243	268	16.93

LED's and other technologies accepted by the Company:

	Per Fixture	Per Watt
Monthly Distribution Rates	\$3.01	\$0.01058

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

Total Fixture Wattage divided by 1,000 times the monthly hours of operation below

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

LEAP YEAR ADJUSTMENT TO ENERGY

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

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MAINTENANCE

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

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

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

Per-Fixture Per-Visit

Maintenance Charge.....\$189.00 plus cost of materials

USE OF ADVANCED CONTROLS

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

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

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

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MODIFICATION OF SERVICE OPTION

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

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

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

NEW INSTALLATIONS, EXTENSIONS AND REPLACEMENTS

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

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

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In such cases, the Company shall credit the Customer with the portion, if any, of the estimated cost of such facilities which would normally be allocated to lighting purposes.

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

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

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

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

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

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

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

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 Rate DE

DEFAULT ENERGY SERVICE RATE DE

AVAILABILITY

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

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

RATE PER MONTH

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

	<u>Per Kilowatt-Hour</u>					
	February	March	April	May	June	July
	<u>2020</u>	<u>2020</u>	<u>2020</u>	<u>2020</u>	<u>2020</u>	<u>2020</u>
Base Rate	10.228¢	7.674¢	7.127¢	6.143¢	5.384¢	5.830¢
Reconciliation Adjustment	0.195¢	0.195¢	0.195¢	0.195¢	0.195¢	0.195¢
Renewable Portfolio Standard	0.779¢	0.779¢	0.779¢	0.779¢	0.779¢	0.779¢
Administrative & General	<u>0.095¢</u>	<u>0.095¢</u>	<u>0.095¢</u>	<u>0.095¢</u>	<u>0.095¢</u>	<u>0.095¢</u>
Total Rate Per Month	11.297¢	8.743¢	8.196¢	7.212¢	6.453¢	6.899¢

Applicable to all other customers:

February 2020 – July 2020
Per Kilowatt-Hour

Base Rate	7.404¢
Reconciliation Adjustment	0.028¢
Renewable Portfolio Standard	0.779¢
<u>Administrative & General</u>	<u>0.095¢</u>
Total Rate Per Month	8.306¢

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Rate SSP

SMART START ENERGY EFFICIENCY PROGRAM

AVAILABILITY

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

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

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

COMPANY RESPONSIBILITIES

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

Issued: October 9, 2020

Issued by: Joseph A. Purington

Effective: January 1, 2021

Title: President and Chief Operating Officer

NHPUC NO. 10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
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After receiving notice from the Customer, the Company will evaluate any report of a failed measure(s), and at its option, the Company will cause the measure(s) to be repaired or replaced when necessary or will terminate charges under this rate.

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

CUSTOMER RESPONSIBILITIES

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

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

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

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LANDLORD'S AND LESSOR'S RESPONSIBILITIES

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

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

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

PRICING AND CONTRACT TERM

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

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Issued by: Joseph A. Purington

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Title: President and Chief Operating Officer

NHPUC NO. 10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
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4. The Customer Loan Amount must be greater than or equal to \$1,500 and less than or equal to \$20,000 and must not exceed the Customer's share of the installed cost of the energy-efficiency measures installed under the Company's approved energy-efficiency programs.

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

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

CUSTOMER LOAN AGREEMENT

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

The Customer Loan Amount shall be paid to the Company by the Participating Customer through a fixed monthly charge applied over a term of months as established in the Customer Loan Agreement. Residential Participating Customers may specify the repayment term of the Customer Loan Amount subject to a maximum repayment term limit of 24 months. When requested by the customer, the term of a Residential Customer Loan Agreement may be extended or payments temporarily deferred for financial reasons to a maximum term length of 36 months. Non-Residential Participating Customers can choose to accelerate the payment period term specified in the Customer Loan Agreement by paying a higher monthly charge and can revert at any time to the minimum monthly charge available to the Customer as specified in the Customer Loan Agreement. When requested by the customer, the term of a Non-Residential Customer Loan Agreement may be extended by the Company to recover its costs for missed payments or payments temporarily deferred for financial reasons at the discretion of the Company.

Issued: October 9, 2020

Issued by: /s/ Joseph A. Purington
Joseph A. Purington

Effective: January 1, 2021

Title: President, NH Electric Operations

Public Service Company of New Hampshire
d/b/a Eversource Energy
Docket No. DE 19-057
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October 9, 2020
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STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes - Settlement Rates

Tariff NHPUC No. 9

Date Filed: October 9, 2020
Date Effective: January 1, 2021

(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
Class of Service	Effect of Proposed Change	Average Number of Customers	Estimated Annual Revenue (a)		Proposed Annual Change	
			Current Rates (b)	Proposed Rates (c)	Revenue	Percent
Residential Service Rate R and R-OTOD	Increase	439,078	\$ 587,513,346	\$ 615,117,807	\$27,604,461	4.7%
General Service Rate G and Rate G-OTOD	Increase	75,983	\$ 284,151,913	\$ 295,712,356	\$11,560,443	4.1%
Primary General Service Rate GV	Increase	1,393	\$ 206,952,027	\$ 211,938,457	\$ 4,986,430	2.4%
Large General Service Rate LG	Increase	121	\$ 141,139,745	\$ 143,902,776	\$ 2,763,031	2.0%
Outdoor Lighting Service Rate OL and Rate EOL	Decrease	773	\$ 10,675,492	\$ 9,328,554	\$ (1,346,938)	-12.6%
Total (a)	Increase	517,349	\$ 1,230,432,523	\$ 1,275,999,950	\$45,567,427	3.7%

Notes:

- (a) Based on actual sales to customers for the twelve-month period ending December 31, 2018, normalized for lighting inventory as of December 2018.
 (b) Current rate revenue is based on distribution rates effective January 1, 2018, and transmission, stranded cost recovery, system benefits, and energy service rates in effect as of the filing date. Support for amounts are shown in Appendix 10, pages 11 through 21
 (c) Proposed rate revenue is based on proposed distribution rates and includes base increase, recoupment and surcredit.
 No changes in other rate components have been reflected. Support for amounts are shown in Appendix 10, pages 11 through 21.

Signed By: /s/ Edward A. Davis
Edward A. Davis

Title: Director, Rates

Public Service Company of New Hampshire
d/b/a Eversource Energy
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STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Current Rates

Tariff NHPUC No. 9

Date Filed: October 9, 2020
Date Effective: January 1, 2021

(A) Class	(B) Current Distribution	(C) Current Transmission	(D) Current SCRC	(E) Current System Benefits	(F) Current Energy Service (b)	(G) = Sum of (B) to (F) Total Revenue
Residential Service Rate R (a)	\$ 202,012,310	\$ 97,714,996	\$ 32,002,049	\$ 24,330,751	\$ 231,453,240	\$ 587,513,346
General Service Rate G	84,312,407	49,219,118	15,488,590	12,854,042	122,277,756	284,151,913
Primary General Service Rate GV	36,426,129	44,111,953	13,492,968	12,396,614	100,524,363	206,952,027
Large General Service Rate LG	20,150,790	29,120,817	7,079,752	9,308,181	75,480,205	141,139,745
Outdoor Lighting Rates OL, EOL	<u>7,590,790</u>	<u>586,558</u>	<u>271,903</u>	<u>211,765</u>	<u>2,014,476</u>	<u>10,675,492</u>
Total Retail	<u>\$ 350,492,426</u>	<u>\$ 220,753,442</u>	<u>\$ 68,335,262</u>	<u>\$ 59,101,353</u>	<u>\$ 531,750,040</u>	<u>\$ 1,230,432,523</u>

Notes:

- (a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.
 (b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.
 (c) Support for amounts shown above is contained in Appendix 10, pages 11 through 21.

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STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Permanent Rates

Tariff NHPUC No. 9

Date Filed: October 9, 2020
Date Effective: January 1, 2021

(A) Class	(B) Proposed Permanent Distribution	(C) Current Transmission	(D) Current SCRC	(E) Current System Benefits	(F) Current Energy Service (b)	(G) = Sum of (B) to (F) Total Revenue
Residential Service Rate R (a)	\$ 229,616,771	\$ 97,714,996	\$ 32,002,049	\$ 24,330,751	\$ 231,453,240	\$ 615,117,807
General Service Rate G	95,872,850	49,219,118	15,488,590	12,854,042	122,277,756	295,712,356
Primary General Service Rate GV	41,412,559	44,111,953	13,492,968	12,396,614	100,524,363	211,938,457
Large General Service Rate LG	22,913,821	29,120,817	7,079,752	9,308,181	75,480,205	143,902,776
Outdoor Lighting Rates OL, EOL	<u>6,243,852</u>	<u>586,558</u>	<u>271,903</u>	<u>211,765</u>	<u>2,014,476</u>	<u>9,328,554</u>
Total Retail	<u>\$ 396,059,853</u>	<u>\$ 220,753,442</u>	<u>\$ 68,335,262</u>	<u>\$ 59,101,353</u>	<u>\$ 531,750,040</u>	<u>\$ 1,275,999,950</u>

Notes:

- (a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.
- (b) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.
- (c) Support for amounts shown above is contained in Appendix 10, pages 11 through 21.

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STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Incremental Increase/(Decrease)

Tariff NHPUC No. 9

Date Filed: October 9, 2020
Date Effective: January 1, 2021

(A) Class	(B) Proposed Permanent Distribution (b)	(C) Current Transmission	(D) Current SCRC	(E) Current System Benefits	(F) Current Energy Service (c)	(G) = Sum of (B) to (F) Total Revenue
Residential Service Rate R (a)	\$ 27,604,461	\$ -	\$ -	\$ -	\$ -	\$ 27,604,461
General Service Rate G	11,560,443	-	-	-	-	11,560,443
Primary General Service Rate GV	4,986,430	-	-	-	-	4,986,430
Large General Service Rate LG	2,763,031	-	-	-	-	2,763,031
Outdoor Lighting Rates OL, EOL	(1,346,938)	-	-	-	-	(1,346,938)
Total Retail	\$ 45,567,427	\$ -	\$ -	\$ -	\$ -	\$ 45,567,427

Notes:

(a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

(b) Appendix 10, page 3 - Appendix 10, page 2

(c) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

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STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

Report of Proposed Rate Changes
Percent Increase/(Decrease)

Tariff NHPUC No. 9

Date Filed: October 9, 2020
Date Effective: January 1, 2021

(A) Class	(B) Proposed Permanent Distribution (b)	(C) Current Transmission	(D) Current SCRC	(E) Current System Benefits	(F) Current Energy Service (c)	(G) Total Revenue
Residential Service Rate R (a)	13.7%	0.0%	0.0%	0.0%	0.0%	4.7%
General Service Rate G	13.7%	0.0%	0.0%	0.0%	0.0%	4.1%
Primary General Service Rate GV	13.7%	0.0%	0.0%	0.0%	0.0%	2.4%
Large General Service Rate LG	13.7%	0.0%	0.0%	0.0%	0.0%	2.0%
Outdoor Lighting Rates OL, EOL	-17.7%	0.0%	0.0%	0.0%	0.0%	-12.6%
Total Retail	13.0%	0.0%	0.0%	0.0%	0.0%	3.7%

Notes:

(a) Revenues for Residential Rate R do not include credits issued to qualifying customers under the Residential Electric Assistance Program.

(b) Percent change is Appendix 10, page 4, Column (B) / Appendix 10, page 2, Column (B)

(c) For purposes of this calculation, all customers are assumed to receive service under the Energy Service rate.

**Distribution Revenue Allocation
 Settlement Rate Year 1**

	Source
Current Rate Distribution Revenue	Col B Line 67
Current Streetlighting Revenue	Col B Line 65
Current Distribution minus Streetlighting	Line 11 - Line 12
Permanent Rate Revenue Adjustment	See Settlement
Streetlighting Adjustment	Appendix 10, pages 25 & 26
Permanent Distribution Increase	Line 15 - Line 16
Permanent Distribution Revenue	Line 11 + Line 15
Adjusted Street Lighting Revenue	Line 12 + Line 16
Permanent Distribution minus Streetlighting	Line 19 - Line 20
Permanent Average Rate Change %	(Line 21 / Line 13)
Temporary Rate Recoupment	See Settlement
Customer Surcredit	See Settlement
Total Recoupment	Line 25 + Line 26
Proposed Distribution Revenue	Line 19 + Line 27
Recoupment Average D Rate Change %	(Line 29 / Line 19)

\$ 350,482.4	
\$ 7,590.8	
\$ 342,901.6	
\$ 44,986.7	
\$ (1,356.0)	
\$ 46,342.7	
\$ 395,479.1	
\$ 6,234.8	
\$ 389,244.3	
13.51%	
\$ 5,595.6	
\$ (5,020.0)	
\$ 575.6	
\$ 396,054.7	
0.15%	

	A	B	C = B * Line 23	D = (B+C) * Line 31	E = B + C + D	F	G = F - B	H = G / A	I = F / B
	Test Year 2018 Billed Sales (MWh)	Current Rate Distribution Revenue (Rev. \$000)	Permanent D.Changes (Rev. \$000)	Recoup D.Changes (Rev. \$000)	Distribution Target (Rev. \$000)	Proposed Rate Distribution (Rev. \$000)	Proposed vs Current (Rev. \$000)	% Chgd.	% Chgd.
R	3,144,509	\$ 197,334.9	\$ 26,669,548	\$ 326.0	\$ 224,330.4	\$ 224,327.1			
R-TOD	482	34.6	4.7	0.1	39.4	39.1			
	3,144,971	197,369.5	26,674.2	326.1	224,369.8	224,366.2	\$ 26,996.7	0.858	13.68%
R-WH	92,916	4,195.3	567.0	6.9	4,769.2	4,522.9			
G-WH	3,379	136.8	18.5	0.2	155.5	147.3			
LCS-R	36,777	447.5	60.5	0.7	508.7	727.7			
LCS-G	4,510	28.9	3.9	0.0	32.8	68.9			
	137,582	4,808.4	649.8	7.9	5,466.2	5,466.8	658.4	0.479	13.69%
G	1,715,822	83,771.9	11,321.7	138.4	95,231.9	95,231.3			
G-TOD	856	173.2	23.4	0.3	196.9	196.0			
	1,716,678	83,945.1	11,345.1	138.7	95,428.8	95,427.4	11,482.3	0.669	13.68%
G-SH	5,452	201.7	27.3	0.3	229.3	229.3	27.6	0.506	13.67%
GV	1,665,676	36,211.5	4,893.9	59.8	41,165.3	41,170.4	4,958.9	0.298	13.69%
LG	1,172,439	18,846.4	2,547.1	31.1	21,424.6	21,430.4	2,584.0	0.220	13.71%
B-GV	2,778	214.6	29.0	0.4	243.9	242.1			
B-LG	80,345	1,304.4	176.3	2.2	1,482.8	1,483.4			
	83,123	1,519.0	205.3	2.5	1,726.7	1,725.5	206.6	0.249	13.60%
EOL	11,371	3,081.8	(1,048.6)	3.0	2,036.2	2,036.2			
OL	17,130	4,509.0	(307.4)	6.1	4,207.7	4,207.7			
	28,501	7,590.8	(1,356.0)	9.1	6,243.9	6,243.9	(1,346.9)	(4.726)	-17.74%
Total Retail	7,954,422	\$ 350,492.4	\$ 44,986.7	\$ 575.6	\$ 396,054.7	\$ 396,059.9	\$ 46,567.4	0.573	13.00%
					Distribution Target	\$ 396,054.7			
					Difference	\$ 5.2			

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SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Rate	Blocks	Current Rates (01/01/18)	Current Rates (08/01/20)	Proposed Rates (01/01/21) (a)	Percent Change
R	Customer charge	\$ 12.69	\$ 13.81	\$ 13.81	0.00%
	All KWH	0.04141	0.04508	0.04811	6.72%
Uncontrolled					
Water	Meter charge	\$ 4.47	\$ 4.87	\$ 4.87	0.00%
Heating	All KWH	0.02030	0.02210	0.02161	-2.22%
Controlled					
Water	Meter charge	\$ 7.88	\$ 8.58	\$ 6.38	-25.64%
Heating	All KWH	0.00120	0.00131	0.01141	770.99%
R-OTOD	Customer charge	\$ 29.47	\$ 32.08	\$ 32.08	0.00%
	On-peak KWH	\$ 0.13235	\$ 0.14407	\$ 0.14710	2.10%
	Off-peak KWH	0.00193	0.00210	0.00513	144.29%
G	Single phase customer charge	\$ 14.89	\$ 16.21	\$ 16.21	0.00%
	Three phase customer charge	29.76	32.39	32.39	0.00%
	Load charge (over 5 KW)	\$ 8.72	\$ 9.49	\$ 10.49	10.54%
	First 500 KWH	\$ 0.06986	\$ 0.07604	\$ 0.02805	-63.11%
	Next 1,000 KWH	0.01731	0.01884	0.02268	20.38%
	All additional KWH	0.00612	0.00666	0.01709	156.61%
Space Heating	Meter charge	\$ 2.98	\$ 3.24	\$ 3.24	0.00%
	All KWH	0.03426	0.03729	0.03908	4.80%
G-OTOD	Single phase customer charge	\$ 38.57	\$ 41.98	\$ 41.98	0.00%
	Three phase customer charge	55.12	60.00	60.00	0.00%
	Load charge	\$ 12.15	\$ 13.23	\$ 13.92	5.22%
	On-peak KWH	0.04901	0.05335	0.05335	0.00%
	Off-peak KWH	0.00768	0.00836	0.00836	0.00%
LCS	Radio-controlled option	\$ 9.11	\$ 9.92	\$ 6.99	-29.54%
	8, 10 or 11-hour option	7.88	8.58	6.38	-25.64%
	Switch option	9.11	9.92	6.99	-29.54%
	Radio-controlled option	\$ 0.00120	\$ 0.00131	\$ 0.01141	770.99%
	8-hour option	0.00120	0.00131	0.01141	770.99%
	10 or 11-hour option	0.02448	0.02665	0.02161	-18.91%

(a) Proposed rates include base change, recoupment and surcredit adjustment.

Public Service Company of New Hampshire
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SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Rate	Blocks	Current Rates (01/01/18)	Current Rates (08/01/20)	Proposed Rates (01/01/21) (a)	Percent Change
GV	Customer charge	\$ 194.03	\$ 211.21	\$ 211.21	0.00%
	First 100 KW	\$ 5.58	\$ 6.07	\$ 6.48	6.75%
	All additional KW	5.34	5.81	6.22	7.06%
	First 200,000 KWH	\$ 0.00606	\$ 0.00660	\$ 0.00657	-0.45%
	All additional KWH	0.00509	0.00554	0.00583	5.23%
	Minimum Charge	\$ 893.00	\$ 972.00	\$ 1,015.00	4.42%
LG	Customer charge	\$ 606.47	\$ 660.15	\$ 660.15	0.00%
	Demand charge	\$ 4.75	\$ 5.17	\$ 5.51	6.58%
	On-peak KWH	\$ 0.00508	\$ 0.00553	\$ 0.00554	0.18%
	Off-peak KWH	0.00429	0.00467	0.00468	0.21%
	Minimum Charge	\$ 947.00	\$ 1,031.00	\$ 1,076.00	4.36%
	Discount for Service at 115kV	\$ (0.43)	\$ (0.47)	\$ (0.49)	4.26%
B Service at less than 115 KV	Administrative charge	\$ 341.84	\$ 372.10	\$ 372.10	0.00%
	Translation charge	57.34	62.42	62.42	0.00%
	Demand charge	\$ 4.48	\$ 4.88	\$ 5.12	4.92%
	All KWH	Energy charges in the standard rate			
B Service at 115 KV or higher	Administrative charge	\$ 341.84	\$ 372.10	\$ 372.10	0.00%
	Translation charge	57.34	62.42	62.42	0.00%
	Demand charge		Not applicable		
	All KWH		Not applicable		

(a) Proposed rates include base change, recoupment and surcredit adjustment.

SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Outdoor Lighting Service Rate OL

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	<u>Lumens</u>	<u>Watts</u>	<u>Current Rates (01/01/18)</u>	<u>Current Rates (08/01/20)</u>	<u>Proposed Rates (01/01/21) (a)</u>	<u>Percent Change</u>
For new and existing installations						
High Pressure Sodium	4,000	50	\$ 15.83	\$ 17.23	\$ 14.77	-14.26%
	5,800	70	15.83	17.23	14.77	-14.26%
	9,500	100	21.05	22.91	19.64	-14.26%
	16,000	150	29.77	32.41	27.78	-14.28%
	30,000	250	30.51	33.21	28.47	-14.27%
	50,000	400	30.85	33.58	28.79	-14.27%
	130,000	1,000	49.51	53.89	46.20	-14.27%
Metal Halide	5,000	70	16.51	17.97	15.41	-14.26%
	8,000	100	22.60	24.60	21.09	-14.27%
	13,000	150	31.01	33.76	28.94	-14.28%
	13,500	175	31.67	34.37	29.55	-14.01%
	20,000	250	31.67	34.47	29.55	-14.26%
	36,000	400	31.96	34.79	29.82	-14.27%
	100,000	1,000	47.91	52.15	44.71	-14.27%
Light Emitting Diode (LED)	2,500	28			10.00	
	4,100	36			9.97	
	4,800	51			10.13	
	8,500	92			11.17	
	13,300	142			12.35	
	24,500	220			15.54	
For existing installations only						
Incandescent	600	105	9.12	9.93	8.51	-14.29%
	1,000	105	10.18	11.08	9.50	-14.26%
	2,500	205	13.06	14.22	12.19	-14.29%
	6,000	448	22.44	24.43	20.94	-14.28%
Mercury	3,500	100	13.96	15.20	13.03	-14.29%
	7,000	175	16.80	18.29	15.68	-14.28%
	11,000	250	20.77	22.61	19.38	-14.28%
	15,000	400	23.76	25.86	22.17	-14.26%
	20,000	400	25.65	27.92	23.94	-14.27%
	56,000	1,000	40.77	44.38	38.05	-14.27%
Fluorescent	20,000	330	34.79	37.87	32.47	-14.27%
High Pressure Sodium in existing mercury luminaires						
	12,000	150	21.77	23.70	20.32	-14.28%
	34,200	360	27.87	30.34	26.01	-14.28%

(a) Proposed rates include base change, recoupment and surcredit adjustment.

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SUMMARY OF CURRENT AND PROPOSED DISTRIBUTION RATES

Energy Efficient Outdoor Lighting Service Rate EOL

	<u>Lumens</u>	<u>Watts</u>	<u>Current Rates (01/01/18)</u>	<u>Current Rates (08/01/20)</u>	<u>Proposed Rates (01/01/21) (a)</u>	<u>Percent Change</u>
High Pressure Sodium	4,000	50	\$ 8.42	\$ 9.17	\$ 6.12	-33.25%
	5,800	70	8.42	9.17	6.43	-29.90%
	9,500	100	10.36	11.28	6.85	-39.26%
	16,000	150	11.39	12.40	7.51	-39.46%
	30,000	250	11.39	12.40	8.73	-29.57%
	50,000	400	11.76	12.80	10.44	-18.46%
	130,000	1,000	22.32	24.30	17.11	-29.59%
Metal Halide	5,000	70	8.75	9.52	6.45	-32.26%
	8,000	100	11.57	12.59	6.79	-46.09%
	13,000	150	12.35	13.44	7.52	-44.07%
	13,500	175	13.00	14.15	7.69	-45.68%
	20,000	250	13.22	14.39	8.55	-40.56%
	36,000	400	13.59	14.79	10.27	-30.58%
	100,000	1,000	24.21	26.35	16.93	-35.75%
LED's and other technologies accepted by the Company						
Per fixture charge			3.37	3.67	3.01	-17.90%
Per watt charge			\$ 0.05130	\$ 0.05580	\$ 0.01058	-81.04%

(a) Proposed rates include base change, recoupment and surcredit adjustment.

Summary of Revenues by Type and Class

Current Revenues						
	Distribution	Transmission	SCRC	SBC	Energy	Total
Rate R	197,334,891	94,681,175	30,879,081	23,363,704	222,253,918	568,512,769
Rate R CWH	24,218	12,698	3,094	4,047	38,501	82,558
Rate R UWH	4,171,103	2,153,177	907,087	686,319	6,528,810	14,446,496
Rate R LCS	447,452	857,268	208,892	273,252	2,599,391	4,386,255
Rate R OTOD	34,646	10,678	3,895	3,429	32,620	85,268
Rate R	202,012,310	97,714,996	32,002,049	24,330,751	231,453,240	587,513,346
Rate G	83,771,868	48,826,887	15,361,851	12,748,559	121,274,312	281,983,477
Rate G CWH	-	-	-	-	-	-
Rate G UWH	136,750	78,771	31,225	25,108	238,849	510,703
Rate G LCS	28,868	105,125	23,993	33,508	318,758	510,252
Rate G Space	201,725	153,034	63,187	40,507	385,338	843,791
Rate G OTOD	173,196	55,301	8,334	6,360	60,499	303,690
Rate G	84,312,407	49,219,118	15,488,590	12,854,042	122,277,756	284,151,913
Rate GV	36,426,129	44,111,953	13,492,968	12,396,614	100,524,363	206,952,027
Rate LG	20,150,790	29,120,817	7,079,752	9,308,181	75,480,205	141,139,745
Rate OL/EOL	7,590,790	586,558	271,903	211,765	2,014,476	10,675,492
TOTAL	350,492,426	220,753,442	68,335,262	59,101,353	531,750,040	1,230,432,523

Proposed Revenues						
	Distribution	Transmission	SCRC	SBC	Energy	Total
Rate R	224,327,079	94,681,175	30,879,081	23,363,704	222,253,918	595,504,957
Rate R CWH	25,294	12,698	3,094	4,047	38,501	83,634
Rate R UWH	4,497,565	2,153,177	907,087	686,319	6,528,810	14,772,958
Rate R LCS	727,721	857,268	208,892	273,252	2,599,391	4,666,524
Rate R OTOD	39,112	10,678	3,895	3,429	32,620	89,734
Rate R	229,616,771	97,714,996	32,002,049	24,330,751	231,453,240	615,117,807
Rate G	95,231,333	48,826,887	15,361,851	12,748,559	121,274,312	293,442,942
Rate G CWH	-	-	-	-	-	-
Rate G UWH	147,275	78,771	31,225	25,108	238,849	521,228
Rate G LCS	68,906	105,125	23,993	33,508	318,758	550,290
Rate G Space	229,307	153,034	63,187	40,507	385,338	871,373
Rate G OTOD	196,029	55,301	8,334	6,360	60,499	326,523
Rate G	95,872,850	49,219,118	15,488,590	12,854,042	122,277,756	295,712,356
Rate GV	41,412,559	44,111,953	13,492,968	12,396,614	100,524,363	211,938,457
Rate LG	22,913,821	29,120,817	7,079,752	9,308,181	75,480,205	143,902,776
Rate OL/EOL	6,243,852	586,558	271,903	211,765	2,014,476	9,328,554
TOTAL	396,059,853	220,753,442	68,335,262	59,101,353	531,750,040	1,275,999,950

Source of data is Appendix 10, pages 12 through 21

Comparison of Current vs Proposed
Permanent Rates

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Rate R - Residential Electric Service							
Customer Charge	5,289,264	\$ 12.69	\$ 67,120,760	\$ 13.81	\$ 73,044,736	\$ 5,923,976	8.83%
Energy Charge All kWh	3,144,509,315						
Distribution		\$ 0.04141	\$ 130,214,131	\$ 0.04811	\$ 151,282,343	\$ 21,068,212	16.18%
Transmission		0.03011	94,681,175	0.03011	94,681,175	-	0.00%
Stranded Cost Recovery Charge		0.00982	30,879,081	0.00982	30,879,081	-	0.00%
System Benefits Charge		0.00743	23,363,704	0.00743	23,363,704	-	0.00%
Energy Service Charge		0.07068	222,253,918	0.07068	222,253,918	-	0.00%
Distribution Impact Only		\$ 0.06276	\$ 197,334,891	\$ 0.07134	\$ 224,327,079	\$ 26,992,188	13.68%
Total Change		\$ 0.18080	\$ 568,512,769	\$ 0.18938	\$ 595,504,957	\$ 26,992,188	4.75%
Rate R - Residential Uncontrolled Water Heating							
Customer Charge	513,638	\$ 4.47	\$ 2,295,964	\$ 4.87	\$ 2,501,419	\$ 205,455	8.95%
Energy Charge All kWh	92,371,389						
Distribution		\$ 0.02030	\$ 1,875,139	\$ 0.02161	\$ 1,996,146	\$ 121,007	6.45%
Transmission		0.02331	2,153,177	0.02331	2,153,177	-	0.00%
Stranded Cost Recovery Charge		0.00982	907,087	0.00982	907,087	-	0.00%
System Benefits Charge		0.00743	686,319	0.00743	686,319	-	0.00%
Energy Service Charge		0.07068	6,528,810	0.07068	6,528,810	-	0.00%
Distribution Impact Only		\$ 0.04516	\$ 4,171,103	\$ 0.04869	\$ 4,497,565	\$ 326,462	7.83%
Total Change		\$ 0.15640	\$ 14,446,496	\$ 0.15993	\$ 14,772,958	\$ 326,462	2.26%
Rate R - Residential Controlled Water Heating							
Customer Charge	2,990	\$ 7.88	\$ 23,564	\$ 6.38	\$ 19,079	\$ (4,485)	-19.04%
Energy Charge All kWh	544,730						
Distribution		\$ 0.00120	\$ 654	\$ 0.01141	\$ 6,215	\$ 5,561	850.83%
Transmission		0.02331	12,698	0.02331	12,698	-	0.00%
Stranded Cost Recovery Charge		0.00568	3,094	0.00568	3,094	-	0.00%
System Benefits Charge		0.00743	4,047	0.00743	4,047	-	0.00%
Energy Service Charge		0.07068	38,501	0.07068	38,501	-	0.00%
Distribution Impact Only		\$ 0.04446	\$ 24,218	\$ 0.04643	\$ 25,294	\$ 1,076	4.44%
Total Change		\$ 0.15156	\$ 82,558	\$ 0.15353	\$ 83,634	\$ 1,076	1.30%

Comparison of Current vs Proposed
Permanent Rates

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Rate R - Load Control Service, Radio Controlled							
Customer Charge							
Customer Charge	41,348	\$ 9.11	\$ 376,678	\$ 6.99	\$ 289,020	\$ (87,658)	-23.27%
Energy Charge All kWh	36,095,933						
Distribution		\$ 0.00120	\$ 43,315	\$ 0.01141	\$ 411,855	\$ 368,540	850.83%
Transmission		0.02331	841,396	0.02331	841,396	-	0.00%
Stranded Cost Recovery Charge		0.00568	205,025	0.00568	205,025	-	0.00%
System Benefits Charge		0.00743	268,193	0.00743	268,193	-	0.00%
Energy Service Charge		0.07068	2,551,261	0.07068	2,551,261	-	0.00%
Distribution Impact Only		\$ 0.01164	\$ 419,993	\$ 0.01942	\$ 700,875	\$ 280,882	66.88%
Total Change		\$ 0.11874	\$ 4,285,868	\$ 0.12652	\$ 4,566,750	\$ 280,882	6.55%
Rate R - Load Control Service, 8 Hour Switch							
Customer Charge							
Customer Charge	145	\$ 9.11	\$ 1,316	\$ 6.99	\$ 1,010	\$ (306)	-23.27%
Energy Charge All kWh	44,152						
Distribution		\$ 0.00120	\$ 53	\$ 0.01141	\$ 504	\$ 451	850.83%
Transmission		0.02331	1,029	0.02331	1,029	-	0.00%
Stranded Cost Recovery Charge		0.00568	251	0.00568	251	-	0.00%
System Benefits Charge		0.00743	328	0.00743	328	-	0.00%
Energy Service Charge		0.07068	3,121	0.07068	3,121	-	0.00%
Distribution Impact Only		\$ 0.03101	\$ 1,369	\$ 0.03429	\$ 1,514	\$ 145	10.59%
Total Change		\$ 0.13811	\$ 6,098	\$ 0.14140	\$ 6,243	\$ 145	2.38%
Rate R - Load Control Service, 8 Hour No Switch							
Customer Charge							
Customer Charge	1,249	\$ 7.88	\$ 9,844	\$ 6.38	\$ 7,970	\$ (1,874)	-19.04%
Energy Charge All kWh	357,451						
Distribution		\$ 0.00120	\$ 429	\$ 0.01141	\$ 4,079	\$ 3,650	850.83%
Transmission		0.02331	8,332	0.02331	8,332	-	0.00%
Stranded Cost Recovery Charge		0.00568	2,030	0.00568	2,030	-	0.00%
System Benefits Charge		0.00743	2,656	0.00743	2,656	-	0.00%
Energy Service Charge		0.07068	25,265	0.07068	25,265	-	0.00%
Distribution Impact Only		\$ 0.02874	\$ 10,273	\$ 0.03371	\$ 12,049	\$ 1,776	17.29%
Total Change		\$ 0.13584	\$ 48,556	\$ 0.14081	\$ 50,332	\$ 1,776	3.66%
Rate R - Load Control Service, 10/11 Hour Switch							
Customer Charge							
Customer Charge	60	\$ 9.11	\$ 547	\$ 6.99	\$ 419	\$ (128)	-23.27%
Energy Charge All kWh	13,784						
Distribution		\$ 0.02448	\$ 337	\$ 0.02161	\$ 298	\$ (39)	-11.72%
Transmission		0.02331	321	0.02331	321	-	0.00%
Stranded Cost Recovery Charge		0.00568	78	0.00568	78	-	0.00%
System Benefits Charge		0.00743	102	0.00743	102	-	0.00%
Energy Service Charge		0.07068	974	0.07068	974	-	0.00%
Distribution Impact Only		\$ 0.06413	\$ 884	\$ 0.05202	\$ 717	\$ (167)	-18.89%
Total Change		\$ 0.17114	\$ 2,359	\$ 0.15902	\$ 2,192	\$ (167)	-7.08%
Rate R - Load Control Service, 10/11 Hour No Switch							
Customer Charge							
Customer Charge	1,070	\$ 7.88	\$ 8,432	\$ 6.38	\$ 6,827	\$ (1,605)	-19.04%
Energy Charge All kWh	265,564						
Distribution		\$ 0.02448	\$ 6,501	\$ 0.02161	\$ 5,739	\$ (762)	-11.72%
Transmission		0.02331	6,190	0.02331	6,190	-	0.00%
Stranded Cost Recovery Charge		0.00568	1,508	0.00568	1,508	-	0.00%
System Benefits Charge		0.00743	1,973	0.00743	1,973	-	0.00%
Energy Service Charge		0.07068	18,770	0.07068	18,770	-	0.00%
Distribution Impact Only		\$ 0.05623	\$ 14,933	\$ 0.04732	\$ 12,566	\$ (2,367)	-15.85%
Total Change		\$ 0.16333	\$ 43,374	\$ 0.15441	\$ 41,007	\$ (2,367)	-5.46%

Comparison of Current vs Proposed
Permanent Rates

Rate R - Optional Time of Day

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge	466	\$ 29.47	\$ 13,721	\$ 32.08	\$ 14,936	\$ 1,215	8.86%
Energy Charge On Peak kWh	153,613						
Distribution		\$ 0.13235	\$ 20,331	\$ 0.14710	\$ 22,596	\$ 2,265	11.14%
Transmission		0.03011	4,625	0.03011	4,625	-	0.00%
Stranded Cost Recovery Charge		0.00844	1,296	0.00844	1,296	-	0.00%
System Benefits Charge		0.00743	1,141	0.00743	1,141	-	0.00%
Energy Service Charge		0.07068	10,857	0.07068	10,857	-	0.00%
Energy Charge Off Peak kWh	307,907						
Distribution		\$ 0.00193	\$ 594	\$ 0.00513	\$ 1,580	\$ 986	165.99%
Transmission		0.01966	6,053	0.01966	6,053	-	0.00%
Stranded Cost Recovery Charge		0.00844	2,599	0.00844	2,599	-	0.00%
System Benefits Charge		0.00743	2,288	0.00743	2,288	-	0.00%
Energy Service Charge		0.07068	21,763	0.07068	21,763	-	0.00%
Distribution Impact Only		\$ 0.07507	\$ 34,646	\$ 0.08475	\$ 39,112	\$ 4,466	12.89%
Total Change		\$ 0.18475	\$ 85,268	\$ 0.19443	\$ 89,734	\$ 4,466	5.24%

Comparison of Current vs Proposed
Permanent Rates

Rate G - General Service

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge 1 Phase	682,271	\$ 14.89	\$ 10,159,015	\$ 16.21	\$ 11,059,613	900,598	8.87%
Customer Charge 3 Phase	235,118	29.76	6,997,118	32.39	7,615,478	618,360	8.84%
Demand Charge >5 kW	4,060,918						
Distribution		\$ 8.72	\$ 35,411,205	\$ 10.49	\$ 42,599,030	7,187,825	20.30%
Transmission		7.77	31,553,333	7.77	31,553,333	-	0.00%
Stranded Cost Recovery Charge		0.69	2,802,033	0.69	2,802,033	-	0.00%
Energy Charge < 500 kWh	273,389,497						
Distribution		\$ 0.06986	\$ 19,098,990	\$ 0.02805	\$ 7,668,575	(11,430,415)	-59.85%
Transmission		0.02807	7,674,043	0.02807	7,674,043	-	0.00%
Stranded Cost Recovery Charge		0.00732	2,001,211	0.00732	2,001,211	-	0.00%
System Benefits Charge		0.00743	2,031,284	0.00743	2,031,284	-	0.00%
Energy Service Charge		0.07068	19,323,170	0.07068	19,323,170	-	0.00%
Energy Charge 501 - 1500 kWh	292,926,918						
Distribution		\$ 0.01731	\$ 5,070,565	\$ 0.02268	\$ 6,643,583	1,573,018	31.02%
Transmission		0.01056	3,093,308	0.01056	3,093,308	-	0.00%
Stranded Cost Recovery Charge		0.00732	2,144,225	0.00732	2,144,225	-	0.00%
System Benefits Charge		0.00743	2,176,447	0.00743	2,176,447	-	0.00%
Energy Service Charge		0.07068	20,704,075	0.07068	20,704,075	-	0.00%
Energy Charge >1500 kWh	1,149,505,765						
Distribution		\$ 0.00612	7,034,975	\$ 0.01709	19,645,054	12,610,079	179.25%
Transmission		0.00566	6,506,203	0.00566	6,506,203	-	0.00%
Stranded Cost Recovery Charge		0.00732	8,414,382	0.00732	8,414,382	-	0.00%
System Benefits Charge		0.00743	8,540,828	0.00743	8,540,828	-	0.00%
Energy Service Charge		0.07068	81,247,067	0.07068	81,247,067	-	0.00%
Distribution Impact Only		\$ 0.04882	83,771,868	\$ 0.05550	\$ 95,231,333	\$ 11,459,465	13.68%
Total Change		\$ 0.16434	281,983,477	\$ 0.17102	\$293,442,942	\$ 11,459,465	4.06%

Comparison of Current vs Proposed
Permanent Rates

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
11	Rate G - General Service Uncontrolled Water Heating						
16	Customer Charge						
17	15,246	\$ 4.47	\$ 68,150	\$ 4.87	\$ 74,248	\$ 6,098	8.95%
19	Energy Charge All kWh						
20	3,379,300	\$ 0.02030	\$ 68,600	\$ 0.02161	\$ 73,027	\$ 4,427	6.45%
21		0.02331	78,771	0.02331	78,771	-	0.00%
22		0.00924	31,225	0.00924	31,225	-	0.00%
23		0.00743	25,108	0.00743	25,108	-	0.00%
24		0.07068	238,849	0.07068	238,849	-	0
26		\$ 0.04047	\$ 136,750	\$ 0.04358	\$ 147,275	\$ 10,525	7.70%
27		\$ 0.15113	\$ 510,703	\$ 0.15424	\$ 521,228	\$ 10,525	2.06%
28							
29	Rate G - General Service Controlled Water Heating						
32	Customer Charge						
33	-	\$ 7.88	\$ -	\$ 6.38	\$ -	\$ -	-19.04%
35	Energy Charge All kWh						
36		\$ 0.00120	\$ -	\$ 0.01141	\$ -	\$ -	850.83%
37		0.02331	-	0.02331	-	-	0.00%
38		0.00532	-	0.00532	-	-	0.00%
39		0.00743	-	0.00743	-	-	0.00%
40		0.07068	-	0.07068	-	-	0.00%
42			\$ -		\$ -	\$ -	
43			\$ -		\$ -	\$ -	

Comparison of Current vs Proposed
Permanent Rates

Rate G - Space Heating

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	5,015	\$ 2.98	\$ 14,944	\$ 3.24	\$ 16,248	\$ 1,304	8.72%
Energy Charge All kWh							
Distribution	5,451,861	\$ 0.03426	\$ 186,781	\$ 0.03908	\$ 213,059	\$ 26,278	14.07%
Transmission		0.02807	153,034	0.02807	153,034	-	0.00%
Stranded Cost Recovery Charge		0.01159	63,187	0.01159	63,187	-	0.00%
System Benefits Charge		0.00743	40,507	0.00743	40,507	-	0.00%
Energy Service Charge		0.07068	385,338	0.07068	385,338	-	0.00%
Distribution Impact Only		\$ 0.03700	\$ 201,725	\$ 0.04206	\$ 229,307	\$ 27,582	13.67%
Total		\$ 0.15477	\$ 843,791	\$ 0.15983	\$ 871,373	\$ 27,582	3.27%
Rate G - Optional Time of Day							
Customer Charge							
Customer Charge 1 Phase	199	\$ 38.57	\$ 7,675	\$ 41.98	\$ 8,354	\$ 679	8.84%
Customer Charge 3 Phase	261	55.12	14,364	60.00	15,636	1,272	8.85%
Demand Charge							
Distribution	10,801	\$ 12.15	\$ 131,232	\$ 13.92	\$ 150,350	\$ 19,118	14.57%
Transmission		5.12	55,301	5.12	55,301	-	0.00%
Stranded Cost Recovery Charge		0.35	3,780	0.35	3,780	-	0.00%
Energy Charge On Peak kWh							
Distribution	323,044	\$ 0.04901	\$ 15,832	\$ 0.05335	\$ 17,234	\$ 1,402	8.86%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00532	1,719	0.00532	1,719	-	0.00%
System Benefits Charge		0.00743	2,400	0.00743	2,400	-	0.00%
Energy Service Charge		0.07068	22,833	0.07068	22,833	-	0.00%
Energy Charge Off Peak kWh							
Distribution	532,915	\$ 0.00768	\$ 4,093	\$ 0.00836	\$ 4,455	\$ 362	8.85%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00532	2,835	0.00532	2,835	-	0.00%
System Benefits Charge		0.00743	3,960	0.00743	3,960	-	0.00%
Energy Service Charge		0.07068	37,666	0.07068	37,666	-	0.00%
Distribution Impact Only		\$ 0.20234	\$ 173,196	\$ 0.22902	\$ 196,029	\$ 22,833	13.18%
Total Change		\$ 0.35480	\$ 303,690	\$ 0.38147	\$ 326,523	\$ 22,833	7.52%

Comparison of Current vs Proposed
Permanent Rates

	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Rate G - Load Control Service, Radio Controlled							
Customer Charge							
Customer Charge	2,298	\$ 9.11	\$ 20,935	\$ 6.99	\$ 16,063	\$ (4,872)	-23.27%
Energy Charge All kWh	4,365,538						
Distribution		\$ 0.00120	\$ 5,239	\$ 0.01141	\$ 49,811	\$ 44,572	850.83%
Transmission		0.02331	101,761	0.02331	101,761	-	0.00%
Stranded Cost Recovery Charge		0.00532	23,225	0.00532	23,225	-	0.00%
System Benefits Charge		0.00743	32,436	0.00743	32,436	-	0.00%
Energy Service Charge		0.07068	308,556	0.07068	308,556	-	0.00%
Distribution Impact Only		\$ 0.00600	\$ 26,174	\$ 0.01509	\$ 65,874	\$ 39,700	151.68%
Total Change		\$ 0.11274	\$ 492,152	\$ 0.12183	\$ 531,852	\$ 39,700	8.07%
Rate G - Load Control Service, 8 Hour No Switch							
Customer Charge							
Customer Charge	72	\$ 7.88	\$ 567	\$ 6.38	\$ 459	\$ (108)	-19.04%
Energy Charge All kWh	68,521						
Distribution		\$ 0.00120	\$ 82	\$ 0.01141	\$ 782	\$ 700	850.83%
Transmission		0.02331	1,597	0.02331	1,597	-	0.00%
Stranded Cost Recovery Charge		0.00532	365	0.00532	365	-	0.00%
System Benefits Charge		0.00743	509	0.00743	509	-	0.00%
Energy Service Charge		0.07068	4,843	0.07068	4,843	-	0.00%
Distribution Impact Only		\$ 0.00947	\$ 649	\$ 0.01811	\$ 1,241	\$ 592	91.22%
Total Change		\$ 0.11621	\$ 7,963	\$ 0.12485	\$ 8,555	\$ 592	7.43%
Rate G - Load Control Service, 8 Hour Switch							
Customer Charge							
Customer Charge	0	\$ 9.11	\$ -	\$ 6.99	\$ -	\$ -	-23.27%
Energy Charge All kWh	0						
Distribution		\$ 0.00120	\$ -	\$ 0.01141	\$ -	\$ -	850.83%
Transmission		0.02331	-	0.02331	-	-	0.00%
Stranded Cost Recovery Charge		0.00532	-	0.00532	-	-	0.00%
System Benefits Charge		0.00743	-	0.00743	-	-	0.00%
Energy Service Charge		0.07068	-	0.07068	-	-	0.00%
Distribution Impact Only			\$ -		\$ -	\$ -	
Total Change			\$ -		\$ -	\$ -	
Rate G - Load Control Service, 10/11 Hour Switch							
Customer Charge							
Customer Charge	0	\$ 9.11	\$ -	\$ 6.99	\$ -	\$ -	-23.27%
Energy Charge All kWh	0						
Distribution		\$ 0.02448	\$ -	\$ 0.02161	\$ -	\$ -	-11.72%
Transmission		0.02331	-	0.02331	-	-	0.00%
Stranded Cost Recovery Charge		0.00532	-	0.00532	-	-	0.00%
System Benefits Charge		0.00743	-	0.00743	-	-	0.00%
Energy Service Charge		0.07068	-	0.07068	-	-	0.00%
Distribution Impact Only			\$ -		\$ -	\$ -	
Total Change			\$ -		\$ -	\$ -	
Rate G - Load Control Service, 10/11 Hour No Switch							
Customer Charge							
Customer Charge	24	\$ 7.88	\$ 189	\$ 6.38	\$ 153	\$ (36)	-19.04%
Energy Charge All kWh	75,820						
Distribution		\$ 0.02448	\$ 1,856	\$ 0.02161	\$ 1,638	\$ (218)	-11.72%
Transmission		0.02331	1,767	0.02331	1,767	-	0.00%
Stranded Cost Recovery Charge		0.00532	403	0.00532	403	-	0.00%
System Benefits Charge		0.00743	563	0.00743	563	-	0.00%
Energy Service Charge		0.07068	5,359	0.07068	5,359	-	0.00%
Distribution Impact Only		\$ 0.02697	\$ 2,045	\$ 0.02362	\$ 1,791	\$ (254)	-12.42%
Total Change		\$ 0.13370	\$ 10,137	\$ 0.13035	\$ 9,883	\$ (254)	-2.51%

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Comparison of Current vs Proposed Permanent Rates							
Rate GV	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge	16,601	\$ 194.03	\$ 3,221,053	\$ 211.21	\$ 3,506,255	\$ 285,202	8.85%
Demand 1-100 kW	1,568,428						
Distribution		\$ 5.58	\$ 8,751,828	\$ 6.48	\$ 10,163,413	\$ 1,411,585	16.13%
Transmission		10.40	16,311,651	10.40	16,311,651	-	0.00%
Stranded Cost Recovery Charge		0.65	1,019,478	0.65	1,019,478	-	0.00%
Demand > 100 kW	2,667,694						
Distribution		\$ 5.34	\$ 14,245,486	\$ 6.22	\$ 16,593,057	\$ 2,347,571	16.48%
Transmission		10.40	27,744,018	10.40	27,744,018	-	0.00%
Stranded Cost Recovery Charge		0.65	1,734,001	0.65	1,734,001	-	0.00%
Minimum Charge	123	\$ 893.00	\$ 110,064	\$ 1,015.00	\$ 125,101	\$ 15,037	13.66%
Energy Charge 1 - 200,000 kWh	1,448,276,753						
Distribution		\$ 0.00606	\$ 8,776,557	\$ 0.00657	\$ 9,515,178	\$ 738,621	8.42%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00643	9,312,420	0.00643	9,312,420	-	0.00%
System Benefits Charge		0.00743	10,760,696	0.00743	10,760,696	-	0.00%
Energy Service Charge		0.06025	87,258,674	0.06025	87,258,674	-	0.00%
Energy Charge >200,000 kWh	217,399,074						
Distribution		\$ 0.00509	\$ 1,106,561	\$ 0.00583	\$ 1,267,437	\$ 160,876	14.54%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00643	1,397,876	0.00643	1,397,876	-	0.00%
System Benefits Charge		0.00743	1,615,275	0.00743	1,615,275	-	0.00%
Energy Service Charge		0.06025	13,098,294	0.06025	13,098,294	-	0.00%
Distribution Impact Only		\$ 0.02174	\$ 36,211,549	\$ 0.02472	\$ 41,170,441	\$ 4,958,892	13.69%
Total Change		\$ 0.12395	\$206,463,932	\$ 0.12693	\$211,422,824	\$ 4,958,892	2.40%
Rate GV - Backup Service < 115 KV							
Administrative Charge	108	\$ 341.84	\$ 36,919	\$ 372.10	\$ 40,187	\$ 3,268	8.85%
Translation Charge	39	\$ 57.34	\$ 2,236	62.42	\$ 2,434	\$ 198	8.86%
Demand Charge	35,399						
Distribution		\$ 4.48	\$ 158,588	\$ 5.12	\$ 181,243	\$ 22,655	14.29%
Transmission		1.59	56,284	1.59	56,284	-	0.00%
Stranded Cost Recovery Charge		0.32	11,328	0.32	11,328	-	0.00%
Energy Charge 1 - 200,000 kWh	2,778,333						
Distribution		\$ 0.00606	\$ 16,837	\$ 0.00657	\$ 18,254	\$ 1,417	8.42%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00643	17,865	0.00643	17,865	-	0.00%
System Benefits Charge		0.00743	20,643	0.00743	20,643	-	0.00%
Energy Service Charge		0.06025	167,395	0.06025	167,395	-	0.00%
Energy Charge >200,000 kWh	0						
Distribution		\$ 0.00509	\$ -	\$ 0.00583	\$ -	\$ -	14.54%
Transmission		-	-	-	-	-	-
Stranded Cost Recovery Charge		0.00643	-	0.00643	-	-	0.00%
System Benefits Charge		0.00743	-	0.00743	-	-	0.00%
Energy Service Charge		0.06025	-	0.06025	-	-	0.00%
Distribution Impact Only		\$ 0.07723	\$ 214,580	\$ 0.08715	\$ 242,118	\$ 27,538	12.83%
Total Change		\$ 0.17568	\$ 488,095	\$ 0.18559	\$ 515,633	\$ 27,538	5.64%
Rate GV - Backup Service > 115 KV							
Administrative Charge	-	\$ 341.84	\$ -	\$ 372.10	\$ -	\$ -	8.85%
Translation Charge	-	\$ 57.34	\$ -	62.42	\$ -	\$ -	8.86%
Demand Charge	-						
Transmission		1.59	-	1.59	-	-	0.00%
Stranded Cost Recovery Charge		0.32	-	0.32	-	-	0.00%
Energy Charge On Peak	-						
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00256	-	0.00256	-	-	0.00%
System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
Energy Service Charge		0.12222	-	0.12222	-	-	0.00%
Energy Charge Off Peak	-						
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00171	-	0.00171	-	-	0.00%
System Benefits Charge		0.00586	-	0.00586	-	-	0.00%
Energy Service Charge		0.12222	-	0.12222	-	-	0.00%
Distribution Impact Only		\$ -	\$ -	\$ -	\$ -	\$ -	-
Total Change		\$ -	\$ -	\$ -	\$ -	\$ -	-

**Comparison of Current vs Proposed
Permanent Rates**

Rate LG	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
Customer Charge							
Customer Charge	1,272	\$ 606.47	\$ 771,430	\$ 660.15	\$ 839,711	\$ 68,281	8.85%
Demand	2,661,538						
Distribution		\$ 4.75	\$ 12,642,306	\$ 5.51	\$ 14,665,074	\$ 2,022,768	16.00%
Transmission		10.24	27,254,149	10.24	27,254,149	-	0.00%
Stranded Cost Recovery Charge		0.49	1,304,154	0.49	1,304,154	-	0.00%
Minimum Charge	0	\$ 947.00	\$ -	\$ 1,076.00	\$ -	\$ -	13.62%
Discount for above 115kV	0	\$ (0.43)	\$ -	\$ (0.49)	\$ -	\$ -	13.95%
Energy Charge On Peak	510,025,661						
Distribution		\$ 0.00508	\$ 2,590,930	\$ 0.00554	\$ 2,825,542	\$ 234,612	9.06%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00519	2,647,033	0.00519	2,647,033	-	0.00%
System Benefits Charge		0.00743	3,789,491	0.00743	3,789,491	-	0.00%
Energy Service Charge		0.06025	30,729,046	0.06025	30,729,046	-	0.00%
Energy Charge Off Peak	662,413,106						
Distribution		\$ 0.00429	\$ 2,841,752	\$ 0.00468	\$ 3,100,093	\$ 258,341	9.09%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00378	2,503,922	0.00378	2,503,922	-	0.00%
System Benefits Charge		0.00743	4,921,729	0.00743	4,921,729	-	0.00%
Energy Service Charge		0.06025	39,910,390	0.06025	39,910,390	-	0.00%
Distribution Impact Only		\$ 0.01607	\$ 18,846,418	\$ 0.01828	\$ 21,430,420	\$ 2,584,002	13.71%
Total Charge		\$ 0.11251	\$131,906,332	\$ 0.11471	\$134,490,334	\$ 2,584,002	1.96%
Rate LG - Backup Service < 115 KV							
Administrative Charge	109	\$ 341.84	\$ 37,329	\$ 372.10	\$ 40,633	\$ 3,304	8.85%
Translation Charge	26	\$ 57.34	\$ 1,491	62.42	\$ 1,623	\$ 132	8.86%
Demand Charge	260,477						
Distribution		\$ 4.48	\$ 1,166,937	\$ 5.12	\$ 1,333,642	\$ 166,705	14.29%
Transmission		1.59	414,158	1.59	414,158	-	0.00%
Stranded Cost Recovery Charge		0.24	62,514	0.24	62,514	-	0.00%
Energy Charge On Peak	6,651,595						
Distribution		\$ 0.00508	\$ 33,790	\$ 0.00554	\$ 36,850	\$ 3,060	9.06%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00519	34,522	0.00519	34,522	-	0.00%
System Benefits Charge		0.00743	49,421	0.00743	49,421	-	0.00%
Energy Service Charge		0.06025	400,759	0.06025	400,759	-	0.00%
Energy Charge Off Peak	8,704,697						
Distribution		\$ 0.00429	\$ 37,343	\$ 0.00468	\$ 40,738	\$ 3,395	9.09%
Transmission		-	-	-	-	-	0.00%
Stranded Cost Recovery Charge		0.00378	32,904	0.00378	32,904	-	0.00%
System Benefits Charge		0.00743	64,676	0.00743	64,676	-	0.00%
Energy Service Charge		0.06025	524,458	0.06025	524,458	-	0.00%
Distribution Impact Only		\$ 0.08315	\$ 1,276,890	\$ 0.09465	\$ 1,453,486	\$ 176,596	13.83%
Total Charge		\$ 0.18626	\$ 2,860,302	\$ 0.19776	\$ 3,036,898	\$ 176,596	6.17%
Rate LG - Backup Service > 115 KV							
Administrative Charge	80	\$ 341.84	\$ 27,482	\$ 372.10	\$ 29,915	\$ 2,433	8.85%
Translation Charge	-	\$ 57.34	\$ -	62.42	\$ -	\$ -	8.86%
Demand Charge	913,528						
Transmission		1.59	\$ 1,452,510	1.59	\$ 1,452,510	-	0.00%
Stranded Cost Recovery Charge		0.24	219,247	0.24	219,247	-	0.00%
Energy Charge On Peak	21,134,611						
Transmission		-	\$ -	-	\$ -	-	0.00%
Stranded Cost Recovery Charge		0.00519	109,689	0.00519	109,689	-	0.00%
System Benefits Charge		0.00743	157,030	0.00743	157,030	-	0.00%
Energy Service Charge		0.06025	1,273,360	0.06025	1,273,360	-	0.00%
Energy Charge Off Peak	43,853,801						
Transmission		-	\$ -	-	\$ -	-	0.00%
Stranded Cost Recovery Charge		0.00378	165,767	0.00378	165,767	-	0.00%
System Benefits Charge		0.00743	325,834	0.00743	325,834	-	0.00%
Energy Service Charge		0.06025	2,642,192	0.06025	2,642,192	-	0.00%
Distribution Impact Only		\$ 0.00042	\$ 27,482	\$ 0.00046	\$ 29,915	\$ 2,433	8.85%
Total Charge		\$ 0.09807	\$ 6,373,111	\$ 0.09810	\$ 6,375,544	\$ 2,433	0.04%

Comparison of Current vs Proposed Permanent Rates							
	(A) Billing Determinants	(B) Current Rate	(C) = (A) x (B) Current Revenues	(D) Proposed Rate	(E) = (A) x (D) Proposed Revenues	(F) = (E) - (C) Proposed vs. Current Difference	(G) = (F) / (C) % Chg
11	Rate OL - Outdoor Lighting						
16	Energy Charge All kWh	17,130,466					
17	Transmission	\$ 0.02058	\$ 352,545	\$ 0.02058	\$ 352,545	\$ -	0.00%
18	Stranded Cost Recovery Charge	0.00954	163,425	0.00954	163,425	-	0.00%
19	System Benefits Charge	0.00743	127,279	0.00743	127,279	-	0.00%
20	Energy Service Charge	0.07068	1,210,781	0.07068	1,210,781	-	0.00%
21	Total	\$ 0.10823	\$ 1,854,030	\$ 0.10823	\$ 1,854,030	\$ -	0.00%
23	Distribution Charge (per fixture)						
24	4000 LUMEN HP SODIUM	42,792	\$ 15.83	\$ 677,397	\$ 14.77	\$ 632,137	\$ (45,260) -6.68%
25	5800 LUMEN HP SODIUM	7,260	15.83	114,926	14.77	107,247	(7,679) -6.68%
26	9500 LUMEN HP SODIUM	10,692	21.05	225,067	19.64	210,029	(15,038) -6.68%
27	16000 LUMEN HP SODIUM	9,936	29.77	295,795	27.78	276,031	(19,764) -6.68%
28	30000 LUMEN HP SODIUM	15,480	30.51	472,295	28.47	440,738	(31,557) -6.68%
29	50000 LUMEN HP SODIUM	22,860	30.85	705,231	28.79	658,111	(47,120) -6.68%
30	130000 LUMEN HP SODIUM	3,684	49.51	182,395	46.20	170,208	(12,187) -6.68%
31	5000 LUMEN METAL HALIDE	2,700	16.51	44,577	15.41	41,599	(2,978) -6.68%
32	8000 LUMEN METAL HALIDE	1,608	22.60	36,341	21.09	33,913	(2,428) -6.68%
33	13000 LUMEN METAL HALIDE	-	31.01	-	28.94	-	-6.68%
34	13500 LUMEN METAL HALIDE	1,464	31.67	46,365	29.55	43,267	(3,098) -6.68%
35	20000 LUMEN METAL HALIDE	3,696	31.67	117,052	29.55	109,231	(7,821) -6.68%
36	36000 LUMEN METAL HALIDE	5,136	31.96	164,147	29.82	153,179	(10,968) -6.68%
37	100000 LUMEN METAL HALIDE	3,216	47.91	154,079	44.71	143,784	(10,295) -6.68%
38	600 LUMEN INCANDESCENT	1,068	9.12	9,740	8.51	9,089	(651) -6.68%
39	1000 LUMEN INCANDESCENT	2,844	10.18	28,952	9.50	27,017	(1,935) -6.68%
40	2500 LUMEN INCANDESCENT	48	13.06	627	12.19	585	(42) -6.70%
41	6000 LUMEN INCANDESCENT	-	22.44	-	20.94	-	-6.68%
42	3500 LUMEN MERCURY	59,064	13.96	824,533	13.03	769,442	(55,091) -6.68%
43	7000 LUMEN MERCURY	11,472	16.80	192,730	15.68	179,852	(12,878) -6.68%
44	11000 LUMEN MERCURY	684	20.77	14,207	19.38	13,257	(950) -6.69%
45	15000 LUMEN MERCURY	36	23.76	855	22.17	798	(57) -6.67%
46	20000 LUMEN MERCURY	5,088	25.65	130,507	23.94	121,787	(8,720) -6.68%
47	56000 LUMEN MERCURY	1,632	40.77	66,537	38.05	62,091	(4,446) -6.68%
48	20000 LUMEN FLUORESCENT	24	34.79	835	32.47	779	(56) -6.71%
49	12000 LUMEN HP SODIUM	96	21.77	2,090	20.32	1,950	(140) -6.70%
50	34200 LUMEN HP SODIUM	60	27.87	1,672	26.01	1,560	(112) -6.70%
51	Average Number of Fixtures/Month	17,720					
53	Distribution Impact Only	\$ 0.26321	\$ 4,508,952	\$ 0.24563	\$ 4,207,681	\$ (301,271)	-6.68%
54	Total Charge	\$ 0.37144	\$ 6,362,982	\$ 0.35386	\$ 6,061,711	\$ (301,271)	-4.73%
57	Rate EOL - Efficient Outdoor Lighting						
59	Energy Charge All kWh	11,370,898					
60	Transmission	\$ 0.02058	\$ 234,013	\$ 0.02058	\$ 234,013	\$ -	0.00%
61	Stranded Cost Recovery Charge	0.00954	108,478	0.00954	108,478	-	0.00%
62	System Benefits Charge	0.00743	84,486	0.00743	84,486	-	0.00%
63	Energy Service Charge	0.07068	803,695	0.07068	803,695	-	0.00%
64	Total		\$ 1,230,672		\$ 1,230,672	\$ -	0.00%
66	Distribution Charge (per fixture)						
67	4000 LUMEN HP SODIUM	45,216	\$ 8.42	\$ 380,719	\$ 6.12	\$ 276,779	\$ (103,940) -27.30%
68	5800 LUMEN HP SODIUM	2,616	8.42	22,027	6.43	16,816	(5,211) -23.66%
69	9500 LUMEN HP SODIUM	4,272	10.36	44,258	6.85	29,268	(14,990) -33.87%
70	16000 LUMEN HP SODIUM	6,648	11.39	75,721	7.51	49,905	(25,816) -34.09%
71	30000 LUMEN HP SODIUM	20,784	11.39	236,730	8.73	181,523	(55,207) -23.32%
72	50000 LUMEN HP SODIUM	1,584	11.76	18,628	10.44	16,532	(2,096) -11.25%
73	130000 LUMEN HP SODIUM	684	22.32	15,267	17.11	11,704	(3,563) -23.34%
74	5000 LUMEN METAL HALIDE	9,984	8.75	87,360	6.45	64,388	(22,972) -26.30%
75	8000 LUMEN METAL HALIDE	1,152	11.57	13,329	6.79	7,819	(5,510) -41.34%
76	13000 LUMEN METAL HALIDE	-	12.35	-	7.52	-	-39.13%
77	13500 LUMEN METAL HALIDE	1,056	13.00	13,728	7.69	8,117	(5,611) -40.87%
78	20000 LUMEN METAL HALIDE	840	13.22	11,105	8.55	7,185	(3,920) -35.30%
79	36000 LUMEN METAL HALIDE	528	13.59	7,176	10.27	5,421	(1,755) -24.46%
80	100000 LUMEN METAL HALIDE	1,236	24.21	29,924	16.93	20,927	(8,997) -30.07%
81	LEDs	388,872	3.37	1,310,499	3.01	1,171,676	(138,823) -10.59%
82	Average Number of Fixtures/Month	40,456					
84	Distribution Charge (per Watt)						
85	LEDs	15,894,084	\$ 0.05130	\$ 815,367	\$ 0.01058	\$ 168,111	\$ (647,256) -79.38%
87	Distribution Impact Only	\$ 0.27103	\$ 3,081,838	\$ 0.17907	\$ 2,036,171	\$ (1,045,667)	-33.93%
88	Total Charge	\$ 0.37926	\$ 4,312,510	\$ 0.28730	\$ 3,266,843	\$ (1,045,667)	-24.25%

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STREET LIGHTING DISTRIBUTION RATE DESIGN

Distribution Breakout by Component

	Rate EOL		Rate OL	
Total Fixtures	A	40,456	E	17,720
	Aa - Non-LED	8,050	Ea - Non-LED	17,720
	Ab - LED	32,406	Eb - LED	-
Connected Demand KW	B	2,619	F	3,947
Annual kWh	C	11,370,898	G	17,130,466
Proposed Distribution Revenue	D	\$ 2,036,170	H	\$ 4,207,682
Distribution by Category				
1) D - System Demand				
Revenue \$	I	\$ 332,442	K = J * F * 12 * 1000	\$501,029
Charge Per Watt	J = I / B / 1000 / 12	0.01058	L = K / F	0.01058
2) D - System Customer				
Revenue \$	M = D - Q - I	\$1,328,161	O = N * E * 12 * 1000	\$581,743
Charge Per Fixture	N = M / A	\$2.74	P = O / E	\$2.74
3) D - Operations & Maintenance				
Revenue \$	Q = R * Aa * 12 + S * Ab * 12	\$375,567	T = U * Ea * 12 + V * Eb * 12	\$589,433
Charge Per Fixture Non-LED	R	\$2.77	U = R	\$2.77
LED = 10% of Non-LED	S	\$0.28	V = S	\$0.28
4) D - Equipment				
Revenue \$			W = H - K - O - T	\$ 2,535,477
Total D		\$2,036,170		\$4,207,682

Note: A, B, C, D - See Appendix 10, page 25.
E, F, G, H - See Appendix 10, page 26.
I - See Application Attachment AN-1, page 3, lines 41 and 42.
R - See Appendix 10, page 23, line 28.
S - See Appendix 10, page 23, line 30.

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Street Lighting Operations & Maintenance

Charge Per Fixture

Source

Test Year Street Lighting O & M	\$965,000	A = Appendix 10, page 24, line 26
<u>Non-LED Fixtures</u>		
Rate EOL	8,050	B = Appendix 10, page 25, lines 38 & 41
Rate OL	<u>17,720</u>	C = Appendix 10, page 26, line 66
Total Non-LED	25,770	D = B + C
<u>LED Fixtures</u>		
Rate EOL	32,406	E = Appendix 10, page 25, line 38
Rate OL	<u>-</u>	F = Appendix 10, page 26, lines 36-41
Total LED	32,406	G = E + F
Average Cost Per Fixture	\$2.77	$H = A / (D+G*10\%) / 12$
Non-LED Monthly Charge Per Fixture	\$2.77	I = H
LED Monthly Charge Per Fixture	\$0.28	J = H * 10%

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Street Lighting Operations & Maintenance Expense

	Distribution Expense *		
	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Supervision and Engineering	444	2	446
Street Lighting	519	52	571
Other	<u>67</u>	<u>277</u>	<u>345</u>
Total Distribution Expense	1,031	331	1,362

	Street Lighting Expense		
	<u>Operation</u>	<u>Maintenance</u>	<u>Total</u>
Derived Supervision and Engineering	393	0	393
Street Lighting	<u>519</u>	<u>52</u>	<u>571</u>
Total Distribution Expense	912	53	965

Note * See Application Attachment AN-1, page 10

Street Lighting EOL- Efficient Outdoor Lighting

Unbundled Rate Calculation

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High Pressure Sodium

	TY Fixtures			Connected Demand	kWh per Fixture			Annual kWh			Current Distribution		Distribution Increase		Distribution Bundled			Proposed Distribution Unbundled (A)				
	All	Mid-	Total		All	Mid-	Total	All	Mid-	Total	Rate	Revenue	Perm	Step+Recoup	Rate	Revenue	% Chg	Customer	Demand	O&M	Monthly	Annual
Watts	Lumens	Night	night	KW	Night	night	Night	night	Total	Rate	Revenue	-34.0%	0.1%	Rate	Revenue	% Chg	2.74	0.01058	\$2.77	\$6.12	\$276,779	-27%
58	4,000	3,753	15	219	252	117	945,756	1,755	947,511	\$8.42	\$ 380,719	-\$2.86	\$0.01	\$5.56	\$ 251,541	-33.9%	2.74	\$ 0.61	\$2.77	\$6.12	\$ 276,779	-27%
87	5,800	218		19	376		81,968		81,968	8.42	22,027	-\$2.86	\$0.01	5.56	14,553	-33.9%	2.74	0.92	2.77	\$6.43	\$ 16,816	-24%
127	9,500	356		45	550		195,800		195,800	10.36	44,258	-\$3.53	\$0.01	6.84	29,241	-33.9%	2.74	1.34	2.77	\$6.85	\$ 29,268	-34%
189	16,000	554	-	105	821	379	454,834	-	454,834	11.39	75,721	-\$3.88	\$0.01	7.53	50,029	-33.9%	2.74	2.00	2.77	\$7.51	\$ 49,905	-34%
305	30,000	1,731	1	528	1326	614	2,295,306	614	2,295,920	11.39	236,730	-\$3.88	\$0.01	7.53	156,408	-33.9%	2.74	3.23	2.77	\$8.73	\$ 181,523	-23%
466	50,000	132		62	2026		267,432		267,432	11.76	18,628	-\$4.00	\$0.01	7.77	12,307	-33.9%	2.74	4.93	2.77	\$10.44	\$ 16,532	-11%
1097	130,000	57		63	4765		271,605		271,605	22.32	15,267	-\$7.59	\$0.02	14.75	10,087	-33.9%	2.74	11.60	2.77	\$17.11	\$ 11,704	-23%
Metal Halide																						
89	5,000	832		74	386		321,152		321,152	\$8.75	\$ 87,360	-\$2.98	\$0.01	5.78	\$ 57,719	-33.9%	2.74	0.94	2.77	\$6.45	\$ 64,388	-26%
121	8,000	96		12	527		50,592		50,592	11.57	13,329	-\$3.94	\$0.01	7.64	8,806	-33.9%	2.74	1.28	2.77	\$6.79	\$ 7,819	-41%
190	13,000	-		-	825		-		-	12.35	-	-\$4.20	\$0.01	8.16	-		2.74	2.01	2.77	\$7.52	\$ -	-39%
206	13,500	88		18	896		78,848		78,848	13.00	13,728	-\$4.42	\$0.01	8.59	9,070	-33.9%	2.74	2.18	2.77	\$7.69	\$ 8,117	-41%
288	20,000	70		20	1251		87,570		87,570	13.22	11,105	-\$4.50	\$0.01	8.73	7,337	-33.9%	2.74	3.05	2.77	\$8.55	\$ 7,185	-35%
450	36,000	44		20	1956		86,064		86,064	13.59	7,176	-\$4.62	\$0.01	8.98	4,741	-33.9%	2.74	4.76	2.77	\$10.27	\$ 5,421	-24%
1080	100,000	103		111	4692		483,276		483,276	24.21	29,924	-\$8.24	\$0.02	16.00	19,771	-33.9%	2.74	11.42	2.77	\$16.93	\$ 20,927	-30%
Light Emitting Diodes (LED)																						
Various		32,367	39	32,406						\$3.37	\$ 1,310,499	-\$1.15	\$0.00	2.23	\$ 865,847	-33.9%	2.74		0.28	\$3.01	\$ 1,171,676	-11%
Demand		1,321,662	2,845	1,324,507	1,325	4345	2005	<u>5,742,621</u>	<u>5,704</u>	<u>5,748,326</u>	\$0.0513	<u>815,367</u>	-\$0.01746	\$0.00005	0.0339	<u>538,713</u>	-33.9%				<u>\$ 168,111</u>	<u>-79%</u>
Total EOL		40,401	55	40,456	2,619			<u>11,362,824</u>	<u>8,073</u>	<u>11,370,898</u>		<u>\$ 3,081,834</u>			<u>\$ 2,036,170</u>						<u>\$ 2,036,170</u>	<u>-34%</u>

Note: A - Distribution Component Source:
Customer - See Appendix 10, page 22, line 39
Demand - See Appendix 10, page 22, line 34
O&M - See Appendix 10, page 22, line 44 & 45

Street Lighting Rate OL - Outdoor Lighting

Unbundled Rate Calculation

Connected	TY Average Fixtures					Annual kWh per Fixture			Connected Demand	Current Dist Only			Distribution Increase		Proposed Distribution Unbundled (A)											
	All		Mid		Total	All		Mid		Annual kWh			Monthly	Annual	Perm	Step+Recoup	Distribution Bundled			Cust	Demand	O&M	Equip	Monthly	Annual	% Chg
	Watts	Lumens	Night	Night	Total	Night	Night	KW		All Night	Midnight	Total	Rate	Revenue	-6.82%	0.1%	Rate	Revenue	% Chg	2.74	0.01058	2.77	ment	Rate	Revenue	% Chg
15	58	4,000	3,566	-	3,566	252	117	207	898,632	-	898,632	\$15.83	\$ 677,397	-1.08	\$0.02	\$14.77	\$ 632,137	-6.7%	\$2.74	\$0.61	\$2.77	\$8.65	\$14.77	\$ 632,137	-6.7%	
16	87	5,800	605	-	605	376	174	53	227,480	-	227,480	15.83	114,926	-1.08	0.02	14.77	107,247	-6.7%	2.74	0.92	2.77	8.34	14.77	107,247	-6.7%	
17	127	9,500	889	2	891	550	255	113	488,950	510	489,460	21.05	225,067	-1.44	0.03	19.64	210,029	-6.7%	2.74	1.34	2.77	12.79	19.64	210,029	-6.7%	
18	189	16,000	825	3	828	821	379	156	677,325	1,137	678,462	29.77	295,795	-2.03	0.04	27.78	276,031	-6.7%	2.74	2.00	2.77	20.27	27.78	276,031	-6.7%	
19	305	30,000	1,289	1	1,290	1,326	614	393	1,709,214	614	1,709,828	30.51	472,295	-2.08	0.04	28.47	440,738	-6.7%	2.74	3.23	2.77	19.74	28.47	440,738	-6.7%	
20	466	50,000	1,902	3	1,905	2,026	937	888	3,853,452	2,811	3,856,263	30.85	705,231	-2.10	0.04	28.79	658,111	-6.7%	2.74	4.93	2.77	18.35	28.79	658,111	-6.7%	
21	1,097	130,000	306	1	307	4,765	2,199	337	1,458,090	2,199	1,460,289	49.51	182,395	-3.38	0.07	46.20	170,208	-6.7%	2.74	11.60	2.77	29.09	46.20	170,208	-6.7%	
22	Metal Halide																									
23	89	5,000	225	-	225	386	178	20	86,850	-	86,850	\$16.51	\$ 44,577	-\$1.13	0.02	\$15.41	\$ 41,599	-6.7%	\$2.74	\$0.94	\$2.77	\$8.96	\$15.41	\$ 41,599	-6.7%	
24	121	8,000	133	1	134	527	243	16	70,091	243	70,334	22.60	36,341	-1.54	0.03	21.09	33,913	-6.7%	2.74	1.28	2.77	14.30	21.09	33,913	-6.7%	
25	190	13,000	-	-	-	825	382	-	-	-	-	31.01	-	-2.11	0.04	28.94	-	-6.7%	2.74	2.01	2.77	21.42	28.94	-	-6.7%	
26	206	13,500	119	3	122	896	414	25	106,624	1,242	107,866	31.67	46,365	-2.16	0.04	29.55	43,267	-6.7%	2.74	2.18	2.77	21.87	29.55	43,267	-6.7%	
27	288	20,000	305	3	308	1,251	578	89	381,555	1,734	383,289	31.67	117,052	-2.16	0.04	29.55	109,231	-6.7%	2.74	3.05	2.77	21.00	29.55	109,231	-6.7%	
28	450	36,000	422	6	428	1,956	902	193	825,432	5,412	830,844	31.96	164,147	-2.18	0.04	29.82	153,179	-6.7%	2.74	4.76	2.77	19.56	29.82	153,179	-6.7%	
29	1,080	100,000	266	2	268	4,692	2,165	289	1,248,072	4,330	1,252,402	47.91	154,079	-3.27	0.06	44.71	143,784	-6.7%	2.74	11.42	2.77	27.78	44.71	143,784	-6.7%	
30	Light-Emitting Diode (LED)																									
31	28	2,500	-	-	-	122	-	-	-	-	-	-	-	-	-	-	-	-	\$2.74	\$0.30	\$0.28	\$6.69	\$10.00	-	-	
32	36	4,100	-	-	-	156	-	-	-	-	-	-	-	-	-	-	-	-	2.74	0.38	0.28	6.58	9.97	-	-	
33	51	4,800	-	-	-	222	-	-	-	-	-	-	-	-	-	-	-	-	2.74	0.54	0.28	6.58	10.13	-	-	
34	92	8,500	-	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	2.74	0.97	0.28	7.18	11.17	-	-	
35	142	13,300	-	-	-	617	-	-	-	-	-	-	-	-	-	-	-	-	2.74	1.50	0.28	7.84	12.35	-	-	
36	220	24,500	-	-	-	956	-	-	-	-	-	-	-	-	-	-	-	-	2.74	2.33	0.28	10.20	15.54	-	-	
37	Incandescent																									
38	105	600	89	-	89	456	-	9	40,584	-	40,584	\$9.12	\$ 9,740	-\$0.62	0.01	\$8.51	\$ 9,089	-6.7%	\$2.74	\$1.11	\$2.77	\$1.89	\$8.51	\$ 9,089	-6.7%	
39	105	1,000	237	-	237	456	-	25	108,072	-	108,072	10.18	28,952	-0.69	0.01	9.50	27,017	-6.7%	2.74	1.11	2.77	2.88	9.50	27,017	-6.7%	
40	205	2,500	4	-	4	890	-	1	3,560	-	3,560	13.06	627	-0.89	0.02	12.19	585	-6.7%	2.74	2.17	2.77	4.51	12.19	585	-6.7%	
41	448	6,000	-	-	-	1,947	-	-	-	-	-	22.44	-	-1.53	0.03	20.94	-	-6.7%	2.74	4.74	2.77	10.69	20.94	-	-6.7%	
42	Mercury																									
43	117	3,500	4,922	-	4,922	509	-	576	2,505,298	-	2,505,298	\$13.96	\$ 824,533	-\$0.95	0.02	\$13.03	\$ 769,442	-6.7%	\$2.74	\$1.24	\$2.77	\$6.28	\$13.03	\$ 769,442	-6.7%	
44	205	7,000	956	-	956	890	-	196	850,840	-	850,840	16.80	192,730	-1.15	0.02	15.68	179,852	-6.7%	2.74	2.17	2.77	8.00	15.68	179,852	-6.7%	
45	292	11,000	57	-	57	1,269	-	17	72,333	-	72,333	20.77	14,207	-1.42	0.03	19.38	13,257	-6.7%	2.74	3.09	2.77	10.79	19.38	13,257	-6.7%	
46	453	15,000	3	-	3	1,968	-	1	5,904	-	5,904	23.76	855	-1.62	0.03	22.17	798	-6.7%	2.74	4.79	2.77	11.87	22.17	798	-6.7%	
47	453	20,000	424	-	424	1,968	-	192	834,432	-	834,432	25.65	130,507	-1.75	0.03	23.94	121,787	-6.7%	2.74	4.79	2.77	13.64	23.94	121,787	-6.7%	
48	1,082	56,000	136	-	136	4,701	-	147	639,336	-	639,336	40.77	66,537	-2.78	0.06	38.05	62,091	-6.7%	2.74	11.44	2.77	21.09	38.05	62,091	-6.7%	
49	Fluorescent																									
50	330	20,000	2	-	2	1,433	-	1	2,866	-	2,866	\$34.79	\$ 835	-2.37	0.05	\$32.47	\$ 779	-6.7%	\$2.74	\$3.49	\$2.77	\$23.47	\$32.47	\$ 779	-6.7%	
51	HPS in Mercury Luminaires																									
52	180	12,000	8	-	8	784	-	1	6,272	-	6,272	\$21.77	\$ 2,090	-1.48	0.03	\$20.32	\$ 1,950	-6.7%	\$2.74	\$1.90	\$2.77	\$12.90	\$20.32	\$ 1,950	-6.7%	
53	413	34,200	5	-	5	1,794	-	2	8,970	-	8,970	27.87	1,672	-1.90	0.04	26.01	1,560	-6.7%	2.74	4.37	2.77	16.13	26.01	1,560	-6.7%	
54	Total OL																									
55			17,695	25	17,720			3,947	17,110,234	20,232	17,130,466	\$ 4,508,950				\$ 4,207,682	-6.7%					\$ 4,207,682	-6.7%			

Note A - Distribution Components Source:
Customer - See Appendix 10, page 22, line 39
Demand - See Appendix 10, page 22, line 34
O&M - See Appendix 10, page 22, line 44 & 45
Equipment - Non LED equals Distribution Bundled Rate minus Customer, Demand, and O&M Components
Equipment LED - See Appendix 10, page 27, line 59.

Calculation of Current Installed Cost of LED Street Lighting Equipment

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LED Equipment Calculation						
	28 Watts	36 Watts	51 Watts	92 Watts	142 Watts	220 Watts
LABOR COST						
Hours						
Work Tasks	1.41	1.41	1.41	1.41	1.41	1.41
Setup/Span	0.53	0.53	0.53	0.53	0.53	0.53
Travel	0.36	0.36	0.36	0.36	0.36	0.36
Total	2.30	2.30	2.30	2.30	2.30	2.30
Labor Cost (Unloaded)	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30	\$ 105.30
Labor Loaders						
Non-Productive	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03	\$ 16.03
Labor	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14	\$ 46.14
Direct Engineering	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44	\$ 13.44
Total	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61	\$ 75.61
Total Labor Cost	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91	\$ 180.91
EQUIPMENT COST						
Hours	1.15	1.15	1.15	1.15	1.15	1.15
Rate	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40	\$ 32.40
Total Equipment Cost	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31	\$ 37.31
MATERIAL COST						
(From Materials Tab)	\$ 288.86	\$ 279.65	\$ 279.65	\$ 328.99	\$ 383.69	\$ 579.55
Material Loader	13.25%	13.25%	13.25%	13.25%	13.25%	13.25%
Total Material Cost	\$ 327.13	\$ 316.70	\$ 316.70	\$ 372.58	\$ 434.53	\$ 656.33
OTHER LOADERS						
Eng. & Sup.	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19	\$ 77.19
Small Tool	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43	\$ 5.43
AS&E	\$ 2.73	\$ 2.67	\$ 2.67	\$ 2.95	\$ 3.26	\$ 4.37
Total Other Cost	\$ 85.34	\$ 85.29	\$ 85.29	\$ 85.57	\$ 85.88	\$ 86.99
Total Installed Cost	\$ 630.70	\$ 620.22	\$ 620.22	\$ 676.38	\$ 738.64	\$ 961.55
Annual Carrying Charge	12.73%	12.73%	12.73%	12.73%	12.73%	12.73%
Per Month Charge	\$ 6.69	\$ 6.58	\$ 6.58	\$ 7.18	\$ 7.84	\$ 10.20

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Typical Bills by Rate Schedule

Residential Service - Rate R

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 30.12	\$ 30.43	\$ 0.30	1.01%
200	46.43	47.04	0.61	1.31%
250	54.59	55.35	0.76	1.39%
300	62.75	63.66	0.91	1.45%
400	79.06	80.27	1.21	1.53%
500	95.37	96.89	1.52	1.59%
600	111.68	113.50	1.82	1.63%
650	119.84	121.81	1.97	1.64%
700	127.99	130.12	2.12	1.66%
750	136.15	138.42	2.27	1.67%
1,000	176.93	179.96	3.03	1.71%
1,500	258.49	263.04	4.55	1.76%
2,000	340.05	346.11	6.06	1.78%
2,500	421.61	429.19	7.58	1.80%
3,000	503.17	512.26	9.09	1.81%
5,000	829.41	844.56	15.15	1.83%
7,500	1237.21	1259.94	22.73	1.84%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 13.81	\$ 13.81	\$ -
Distribution Charge per kWh	0.04508	0.04811	0.00303
Transmission Charge per kWh	0.03011	0.03011	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00982	0.00982	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

Residential Service - Uncontrolled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 18.20	\$ 18.16	\$ (0.05)	-0.27%
200	31.54	31.44	(0.10)	-0.31%
300	44.87	44.73	(0.15)	-0.33%
400	58.21	58.01	(0.20)	-0.34%
500	71.54	71.30	(0.25)	-0.34%
600	84.87	84.58	(0.29)	-0.35%
700	98.21	97.87	(0.34)	-0.35%
800	111.54	111.15	(0.39)	-0.35%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 4.87	\$ 4.87	\$ -
Distribution Charge per kWh	0.02210	0.02161	(0.00049)
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00982	0.00982	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

Residential Service - Controlled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		TOTAL BILL DIFFERENCE	
ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 19.42	\$ 18.23	\$ (1.19)	-6.13%
200	30.26	30.08	(0.18)	-0.59%
300	41.10	41.93	0.83	2.02%
400	51.94	53.78	1.84	3.54%
500	62.79	65.64	2.85	4.54%
600	73.63	77.49	3.86	5.24%
700	84.47	89.34	4.87	5.77%
800	95.31	101.19	5.88	6.17%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 8.58	\$ 6.38	\$ (2.20)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00568	0.00568	-
System Benefits Charge	0.00743	0.00743	-

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Typical Bills by Rate Schedule

Residential Service - Optional Time of Day

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>BILL DIFFERENCE</u>	
<u>TOTAL ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 48.46	\$ 48.76	\$ 0.30	0.63%
200	64.84	65.45	0.61	0.93%
250	73.03	73.79	0.76	1.04%
300	81.22	82.13	0.91	1.12%
400	97.61	98.82	1.21	1.24%
500	113.99	115.50	1.51	1.33%
750	154.94	157.21	2.27	1.47%
1,000	195.90	198.93	3.03	1.55%
1,500	277.80	282.35	4.54	1.64%
2,000	359.71	365.77	6.06	1.68%
2,500	441.62	449.20	7.57	1.72%
3,000	523.53	532.62	9.09	1.74%
5,000	851.16	866.31	15.15	1.78%
7,500	1,260.70	1,283.43	22.72	1.80%

	<u>Current Rate</u>	<u>Proposed Rate</u>	<u>Difference</u>
Customer Charge	\$ 32.08	\$ 32.08	\$ -
<u>Energy Charge On Peak kWh</u>			
Distribution	\$ 0.14407	\$ 0.14710	\$ 0.00303
Transmission	0.03011	0.03011	-
Stranded Cost Recovery Charge	0.00844	0.00844	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per On Peak kWh	0.26073	0.26376	0.00303
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$ 0.00210	\$ 0.00513	\$ 0.00303
Transmission	0.01966	0.01966	-
Stranded Cost Recovery Charge	0.00844	0.00844	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per Off Peak kWh	0.10831	0.11134	0.00303
% Sales On Peak	36%	36%	
% Sales Off Peak	64%	64%	

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

Residential Load Control Service - Radio Controlled

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 20.73	\$ 18.81	\$ (1.92)	-9.26%
200	31.53	30.62	-0.91	-2.89%
300	42.34	42.44	0.10	0.24%
400	53.14	54.25	1.11	2.09%
500	63.95	66.07	2.12	3.32%
600	74.75	77.88	3.13	4.19%
700	85.56	89.70	4.14	4.84%
800	96.36	101.51	5.15	5.34%
900	107.17	113.33	6.16	5.75%
1,000	117.97	125.14	7.17	6.08%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 9.92	\$ 6.99	\$ (2.93)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

Residential Load Control Service - 8 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 20.73	\$ 18.81	\$ (1.92)	-9.26%
200	31.53	30.62	(0.91)	-2.89%
300	42.34	42.44	0.10	0.24%
400	53.14	54.25	1.11	2.09%
500	63.95	66.07	2.12	3.32%
600	74.75	77.88	3.13	4.19%
700	85.56	89.70	4.14	4.84%
800	96.36	101.51	5.15	5.34%
900	107.17	113.33	6.16	5.75%
1,000	117.97	125.14	7.17	6.08%
1,200	139.58	148.77	9.19	6.58%
1,500	172.00	184.22	12.22	7.10%
1,800	204.41	219.66	15.25	7.46%
2,000	226.02	243.29	17.27	7.64%
2,500	280.05	302.37	22.32	7.97%
3,000	334.07	361.44	27.37	8.19%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 9.92	\$ 6.99	\$ (2.93)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Residential Load Control Service - 8 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 19.39	\$ 18.20	\$ (1.19)	-6.14%
200	30.19	30.01	(0.18)	-0.60%
300	41.00	41.83	0.83	2.02%
400	51.80	53.64	1.84	3.55%
500	62.61	65.46	2.85	4.55%
600	73.41	77.27	3.86	5.26%
700	84.22	89.09	4.87	5.78%
800	95.02	100.90	5.88	6.19%
900	105.83	112.72	6.89	6.51%
1,000	116.63	124.53	7.90	6.77%
1,200	138.24	148.16	9.92	7.18%
1,500	170.66	183.61	12.95	7.59%
1,800	203.07	219.05	15.98	7.87%
2,000	224.68	242.68	18.00	8.01%
2,500	278.71	301.76	23.05	8.27%
3,000	332.73	360.83	28.10	8.45%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$8.58	\$6.38	(2.20)
Distribution Charge per kWh	\$0.00131	\$0.01141	0.01010
Transmission Charge per kWh	\$0.02331	\$0.02331	-
Energy Service Charge	\$0.07068	\$0.07068	-
Stranded Cost Recovery Charge	\$0.00532	\$0.00532	-
System Benefits Charge	\$0.00743	\$0.00743	-

Note: Immaterial differences due to rounding.

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Residential Load Control Service - 10/11 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
USAGE	TOTAL MONTHLY BILL		BILL DIFFERENCE	
TOTAL ENERGY (kWh)	CURRENT	PROPOSED	AMOUNT	PERCENT
100	\$ 23.26	\$ 19.83	\$ (3.43)	-14.76%
200	36.60	32.66	(3.94)	-10.76%
300	49.94	45.50	(4.44)	-8.90%
400	63.28	58.33	(4.95)	-7.82%
500	76.62	71.17	(5.45)	-7.11%
600	89.95	84.00	(5.95)	-6.62%
700	103.29	96.84	(6.46)	-6.25%
800	116.63	109.67	(6.96)	-5.97%
900	129.97	122.51	(7.47)	-5.74%
1,000	143.31	135.34	(7.97)	-5.56%
1,200	169.99	161.01	(8.98)	-5.28%
1,500	210.01	199.52	(10.49)	-5.00%
1,800	250.02	238.02	(12.00)	-4.80%
2,000	276.70	263.69	(13.01)	-4.70%
2,500	343.40	327.87	(15.53)	-4.52%
3,000	410.09	392.04	(18.05)	-4.40%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$9.92	\$6.99	(2.93)
Distribution Charge per kWh	\$0.02665	\$0.02161	(0.00504)
Transmission Charge per kWh	\$0.02331	\$0.02331	-
Energy Service Charge	\$0.07068	\$0.07068	-
Stranded Cost Recovery Charge	\$0.00532	\$0.00532	-
System Benefits Charge	\$0.00743	\$0.00743	-

Note: Immaterial differences due to rounding.

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Residential Load Control Service - 10/11 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>BILL DIFFERENCE</u>	
<u>TOTAL ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 21.92	\$ 19.22	\$ (2.70)	-12.34%
200	35.26	32.05	(3.21)	-9.10%
300	48.60	44.89	(3.71)	-7.64%
400	61.94	57.72	(4.22)	-6.81%
500	75.28	70.56	(4.72)	-6.27%
600	88.61	83.39	(5.22)	-5.90%
700	101.95	96.23	(5.73)	-5.62%
800	115.29	109.06	(6.23)	-5.41%
900	128.63	121.90	(6.74)	-5.24%
1,000	141.97	134.73	(7.24)	-5.10%
1,200	168.65	160.40	(8.25)	-4.89%
1,500	208.67	198.91	(9.76)	-4.68%
1,800	248.68	237.41	(11.27)	-4.53%
2,000	275.36	263.08	(12.28)	-4.46%
2,500	342.06	327.26	(14.80)	-4.33%
3,000	408.75	391.43	(17.32)	-4.24%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$8.58	\$6.38	(2.20)
Distribution Charge per kWh	\$0.02665	\$0.02161	(0.00504)
Transmission Charge per kWh	\$0.02331	\$0.02331	-
Energy Service Charge	\$0.07068	\$0.07068	-
Stranded Cost Recovery Charge	\$0.00532	\$0.00532	-
System Benefits Charge	\$0.00743	\$0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service 1 Phase

(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)	CURRENT	PROPOSED	AMOUNT	PERCENT
3	375	\$ 87.29	\$ 69.29	\$ (18.00)	-20.62%
3	1,000	168.40	146.32	(22.08)	-13.11%
6	750	157.64	135.60	(22.04)	-13.98%
6	1,500	243.76	224.61	(19.16)	-7.86%
12	1,500	351.46	338.31	(13.16)	-3.74%
30	6,000	1,114.44	1,166.22	51.78	4.65%
40	10,000	1,684.94	1,788.44	103.50	6.14%
<hr/>					
		Current Rate	Proposed Rate	Difference	
Customer Charge		\$ 16.21	\$ 16.21	\$ -	
<hr/>					
Demand Charge >5kWh					
Distribution		\$ 9.49	\$ 10.49	\$ 1.00	
Transmission		7.77	7.77	-	
Stranded Cost Recovery Charge		0.69	0.69	-	
Total		\$ 17.95	\$ 18.95	\$ 1.00	
<hr/>					
Energy Charge < 500kWh					
Distribution		\$ 0.07604	\$ 0.02805	\$ (0.04799)	
Transmission		0.02807	0.02807	-	
Stranded Cost Recovery Charge		0.00732	0.00732	-	
System Benefits Charge		0.00743	0.00743	-	
Energy Service Charge		0.07068	0.07068	-	
Total		\$ 0.18954	\$ 0.14155	\$ (0.04799)	
<hr/>					
Energy Charge 501 - 1500 kWh					
Distribution		\$ 0.01884	\$ 0.02268	\$ 0.00384	
Transmission		0.01056	0.01056	-	
Stranded Cost Recovery Charge		0.00732	0.00732	-	
System Benefits Charge		0.00743	0.00743	-	
Energy Service Charge		0.07068	0.07068	-	
Total		\$ 0.11483	\$ 0.11867	\$ 0.00384	
<hr/>					
Energy Charge >1500 kWh					
Distribution		\$ 0.00666	\$ 0.01709	\$ 0.01043	
Transmission		0.00566	0.00566	-	
Stranded Cost Recovery Charge		0.00732	0.00732	-	
System Benefits Charge		0.00743	0.00743	-	
Energy Service Charge		0.07068	0.07068	-	
Total		\$ 0.09775	\$ 0.10818	\$ 0.01043	

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service 3 Phase

(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)	CURRENT	PROPOSED	AMOUNT	PERCENT
3	375	\$ 103.47	\$ 85.47	\$ (18.00)	-17.39%
3	1,000	184.58	162.50	(22.08)	-11.96%
6	750	173.82	151.78	(22.04)	-12.68%
6	1,500	259.94	240.79	(19.16)	-7.37%
12	1,500	367.64	354.49	(13.16)	-3.58%
30	6,000	1,130.62	1,182.40	51.78	4.58%
40	10,000	1,701.12	1,804.62	103.50	6.08%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 32.39	\$ 32.39	\$ -
Demand Charge >5kWh			
Distribution	\$ 9.49	\$ 10.49	1.00
Transmission	7.77	7.77	-
Stranded Cost Recovery Charge	0.69	0.69	-
Total	\$ 17.95	\$ 18.95	\$ 1.00
Energy Charge < 500kWh			
Distribution	\$ 0.07604	\$ 0.02805	\$ (0.04799)
Transmission	0.02807	0.02807	-
Stranded Cost Recovery Charge	0.00732	0.00732	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total	\$ 0.18954	\$ 0.14155	\$ (0.04799)
Energy Charge 501 - 1500 kWh			
Distribution	\$ 0.01884	\$ 0.02268	\$ 0.00384
Transmission	0.01056	0.01056	-
Stranded Cost Recovery Charge	0.00732	0.00732	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total	\$ 0.11483	\$ 0.11867	\$ 0.00384
Energy Charge >1500 kWh			
Distribution	\$ 0.00666	\$ 0.01709	\$ 0.01043
Transmission	0.00566	0.00566	-
Stranded Cost Recovery Charge	0.00732	0.00732	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total	\$ 0.09775	\$ 0.10818	\$ 0.01043

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service - Uncontrolled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 18.15	\$ 18.10	\$ (0.05)	-0.27%
200	31.42	31.32	(0.10)	-0.31%
300	44.70	44.55	(0.15)	-0.33%
400	57.97	57.78	(0.20)	-0.34%
500	71.25	71.01	(0.25)	-0.34%
600	84.53	84.23	(0.29)	-0.35%
700	97.80	97.46	(0.34)	-0.35%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 4.87	\$ 4.87	\$ -
Distribution Charge per kWh	0.02210	0.02161	(0.00049)
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00924	0.00924	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service - Controlled Water Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 19.39	\$ 18.20	\$ (1.19)	-6.14%
200	30.19	30.01	(0.18)	-0.60%
300	41.00	41.83	0.83	2.02%
400	51.80	53.64	1.84	3.55%
500	62.61	65.46	2.85	4.55%
600	73.41	77.27	3.86	5.26%
700	84.22	89.09	4.87	5.78%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 8.58	\$ 6.38	\$ (2.20)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service Load Control Service - Radio Controlled

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 20.73	\$ 18.81	\$ (1.92)	-9.26%
200	31.53	30.62	(0.91)	-2.89%
300	42.34	42.44	0.10	0.24%
400	53.14	54.25	1.11	2.09%
500	63.95	66.07	2.12	3.32%
600	74.75	77.88	3.13	4.19%
700	85.56	89.70	4.14	4.84%
800	96.36	101.51	5.15	5.34%
900	107.17	113.33	6.16	5.75%
1,000	117.97	125.14	7.17	6.08%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 9.92	\$ 6.99	\$ (2.93)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service Load Control Service - 8 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 20.73	\$ 18.81	\$ (1.92)	-9.26%
200	31.53	30.62	(0.91)	-2.89%
300	42.34	42.44	0.10	0.24%
400	53.14	54.25	1.11	2.09%
500	63.95	66.07	2.12	3.32%
600	74.75	77.88	3.13	4.19%
700	85.56	89.70	4.14	4.84%
800	96.36	101.51	5.15	5.34%
900	107.17	113.33	6.16	5.75%
1,000	117.97	125.14	7.17	6.08%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 9.92	\$ 6.99	\$ (2.93)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service Load Control Service - 8 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 19.39	\$ 18.20	\$ (1.19)	-6.14%
200	30.19	30.01	(0.18)	-0.60%
300	41.00	41.83	0.83	2.02%
400	51.80	53.64	1.84	3.55%
500	62.61	65.46	2.85	4.55%
600	73.41	77.27	3.86	5.26%
700	84.22	89.09	4.87	5.78%
800	95.02	100.90	5.88	6.19%
900	105.83	112.72	6.89	6.51%
1,000	116.63	124.53	7.90	6.77%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 8.58	\$ 6.38	\$ (2.20)
Distribution Charge per kWh	0.00131	0.01141	0.01010
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service Load Control Service - 10/11 Hour Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 23.26	\$ 19.83	\$ (3.43)	-14.76%
200	36.60	32.66	(3.94)	-10.76%
300	49.94	45.50	(4.44)	-8.90%
400	63.28	58.33	(4.95)	-7.82%
500	76.62	71.17	(5.45)	-7.11%
600	89.95	84.00	(5.95)	-6.62%
700	103.29	96.84	(6.46)	-6.25%
800	116.63	109.67	(6.96)	-5.97%
900	129.97	122.51	(7.47)	-5.74%
1,000	143.31	135.34	(7.97)	-5.56%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 9.92	\$ 6.99	\$ (2.93)
Distribution Charge per kWh	0.02665	0.02161	(0.00504)
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service Load Control Service - 10/11 Hour No Switch

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 21.92	\$ 19.22	\$ (2.70)	-12.34%
200	35.26	32.05	(3.21)	-9.10%
300	48.60	44.89	(3.71)	-7.64%
400	61.94	57.72	(4.22)	-6.81%
500	75.28	70.56	(4.72)	-6.27%
600	88.61	83.39	(5.22)	-5.90%
700	101.95	96.23	(5.73)	-5.62%
800	115.29	109.06	(6.23)	-5.41%
900	128.63	121.90	(6.74)	-5.24%
1,000	141.97	134.73	(7.24)	-5.10%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 8.58	\$ 6.38	\$ (2.20)
Distribution Charge per kWh	0.02665	0.02161	(0.00504)
Transmission Charge per kWh	0.02331	0.02331	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Optional Time of Day
Single Phase

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(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KW)	MONTHLY USE (kWh)	ON-PEAK USE (kWh)	OFF-PEAK USE (kWh)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				CURRENT	PROPOSED	AMOUNT	PERCENT
12	1,500	600	900	\$ 413.66	\$ 439.34	\$ 25.68	6.21%
12	1,500	900	600	427.16	452.84	25.68	6.01%
12	3,000	1,200	1,800	578.34	604.02	25.68	4.44%
12	3,000	1,800	1,200	605.33	631.01	25.68	4.24%
30	4,500	1,800	2,700	1,053.52	1,117.72	64.20	6.09%
30	4,500	2,700	1,800	1,094.01	1,158.21	64.20	5.87%
30	9,000	3,600	5,400	1,547.55	1,611.75	64.20	4.15%
30	9,000	5,400	3,600	1,628.54	1,692.74	64.20	3.94%
50	7,500	3,000	4,500	1,727.88	1,834.88	107.00	6.19%
50	7,500	4,500	3,000	1,795.36	1,902.36	107.00	5.96%
50	15,000	6,000	9,000	2,551.27	2,658.27	107.00	4.19%
50	15,000	9,000	6,000	2,686.24	2,793.24	107.00	3.98%
75	11,250	4,500	6,750	2,570.82	2,731.32	160.50	6.24%
75	11,250	6,750	4,500	2,672.05	2,832.55	160.50	6.01%
75	22,500	9,000	13,500	3,805.92	3,966.42	160.50	4.22%
75	22,500	13,500	9,000	4,008.37	4,168.87	160.50	4.00%

	Current Rate	Proposed Rate	Difference
Customer Charge - Single Phase	\$ 41.98	\$ 41.98	\$ -
<u>Demand Charges</u>			
Distribution	\$ 13.23	\$ 13.92	\$ 0.69
Transmission	5.12	5.12	-
Stranded Cost Recovery	0.35	0.35	-
Total Demand Charge	17.25	19.39	0.69
<u>Energy Charge On Peak kWh</u>			
Distribution	\$0.05335	\$ 0.05335	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per On Peak kWh	0.13678	0.13678	-
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$0.00836	\$ 0.00836	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per Off Peak kWh	0.09179	0.09179	-

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

General Service - Optional Time of Day
Three Phase

(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KW)	MONTHLY USE (kWh)	ON-PEAK USE (kWh)	OFF-PEAK USE (kWh)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				CURRENT	PROPOSED	AMOUNT	PERCENT
12	1,500	600	900	\$ 449.08	\$ 457.36	\$ 8.28	1.84%
12	1,500	900	600	462.58	470.86	8.28	1.79%
12	3,000	1,200	1,800	613.76	622.04	8.28	1.35%
12	3,000	1,800	1,200	640.75	649.03	8.28	1.29%
30	4,500	1,800	2,700	1,115.04	1,135.74	20.70	1.86%
30	4,500	2,700	1,800	1,155.53	1,176.23	20.70	1.79%
30	9,000	3,600	5,400	1,609.07	1,629.77	20.70	1.29%
30	9,000	5,400	3,600	1,690.06	1,710.76	20.70	1.22%
50	7,500	3,000	4,500	1,818.40	1,852.90	34.50	1.90%
50	7,500	4,500	3,000	1,885.88	1,920.38	34.50	1.83%
50	15,000	6,000	9,000	2,641.79	2,676.29	34.50	1.31%
50	15,000	9,000	6,000	2,776.76	2,811.26	34.50	1.24%
75	11,250	4,500	6,750	2,697.59	2,749.34	51.75	1.92%
75	11,250	6,750	4,500	2,798.82	2,850.57	51.75	1.85%
75	22,500	9,000	13,500	3,932.69	3,984.44	51.75	1.32%
75	22,500	13,500	9,000	4,135.14	4,186.89	51.75	1.25%

	Current Rate	Proposed Rate	Difference
Customer Charge - Three Phase	\$ 60.00	\$ 60.00	\$ -
<u>Demand Charges</u>			
Distribution	\$ 13.23	\$ 13.92	\$ 0.69
Transmission	5.12	5.12	-
Stranded Cost Recovery	0.35	0.35	-
Total Demand Charge	18.70	19.39	0.69
<u>Energy Charge On Peak kWh</u>			
Distribution	\$0.05335	\$ 0.05335	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per On Peak kWh	0.13678	0.13678	-
<u>Energy Charge Off Peak kWh</u>			
Distribution	\$0.00836	\$ 0.00836	\$ -
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00532	0.00532	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.07068	0.07068	-
Total per Off Peak kWh	0.09179	0.09179	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

General Service - Space Heating

(A)	(B)	(C)	(D) = (C) - (B)	(E) = (D) / (B)
<u>USAGE</u>	<u>TOTAL MONTHLY BILL</u>		<u>TOTAL BILL DIFFERENCE</u>	
<u>ENERGY</u> (kWh)	<u>CURRENT</u>	<u>PROPOSED</u>	<u>AMOUNT</u>	<u>PERCENT</u>
100	\$ 18.75	\$ 18.93	\$ 0.18	0.95%
200	34.25	34.61	0.36	1.05%
300	49.76	50.30	0.54	1.08%
400	65.26	65.98	0.72	1.10%
500	80.77	81.67	0.90	1.11%
600	96.28	97.35	1.07	1.12%
700	111.78	113.04	1.25	1.12%

	<u>Current</u> <u>Rate</u>	<u>Proposed</u> <u>Rate</u>	<u>Difference</u>
Customer Charge	\$ 3.24	\$ 3.24	\$ -
Distribution Charge per kWh	0.03729	0.03908	0.00179
Transmission Charge per kWh	0.02807	0.02807	-
Energy Service Charge	0.07068	0.07068	-
Stranded Cost Recovery Charge	0.01159	0.01159	-
System Benefits Charge	0.00743	0.00743	-

Note: Immaterial differences due to rounding.

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Typical Bills by Rate Schedule

Rate GV

(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F) = (E) / (C)
USAGE		TOTAL MONTHLY BILL		BILL DIFFERENCE	
MONTHLY DEMAND (KW)	MONTHLY USE (KWH)	CURRENT	PROPOSED	AMOUNT	PERCENT
75	15,000	\$ 2,705.86	\$ 2,736.16	\$ 30.30	1.12%
75	30,000	3,916.51	3,946.36	29.85	0.76%
150	30,000	5,187.51	5,248.11	60.60	1.17%
150	60,000	7,608.81	7,668.51	59.70	0.78%
300	60,000	10,137.81	10,259.01	121.20	1.20%
300	120,000	14,980.41	15,099.81	119.40	0.80%
500	100,000	16,738.21	16,940.21	202.00	1.21%
500	200,000	24,809.21	25,008.21	199.00	0.80%
1,000	200,000	33,239.21	33,643.21	404.00	1.22%
1,000	400,000	49,169.21	49,631.21	462.00	0.94%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 211.21	\$ 211.21	\$ -
<u>Demand 1-100 kW</u>			
Distribution	\$ 6.07	\$ 6.48	\$ 0.41
Transmission	10.40	10.40	-
Stranded Cost Recovery Charge	0.65	0.65	-
Total	\$ 17.12	\$ 17.53	\$ 0.41
<u>Demand > 100 kW</u>			
Distribution	\$ 5.81	\$ 6.22	\$ 0.41
Transmission	10.40	10.40	-
Stranded Cost Recovery Charge	0.65	0.65	-
Total	\$ 16.86	\$ 17.27	\$ 0.41
<u>Energy Charge 1 - 200,000 kWh</u>			
Distribution	\$ 0.00660	\$ 0.00657	\$ (0.00003)
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00643	0.00643	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.06025	0.06025	-
Total	\$ 0.08071	\$ 0.08068	\$ (0.00003)
<u>Energy Charge >200,000 kWh</u>			
Distribution	\$ 0.00554	\$ 0.00583	\$ 0.00029
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00643	0.00643	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.06025	0.06025	-
Total	\$ 0.07965	\$ 0.07994	\$ 0.00029

Note: Immaterial differences due to rounding.

Typical Bills by Rate Schedule

Rate LG

(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E)	(H) = (G) / (E)
MONTHLY DEMAND (KVA)	MONTHLY USE (KWH)	ON-PEAK USE (KWH)	OFF-PEAK USE (KWH)	TOTAL MONTHLY BILL		BILL DIFFERENCE	
				CURRENT	PROPOSED	AMOUNT	PERCENT
3,000	300,000	120,000	180,000	\$71,471.55	\$72,494.55	\$1,023.00	1.43%
3,000	600,000	240,000	360,000	94,582.95	95,608.95	1,026.00	1.08%
3,000	900,000	360,000	540,000	117,694.35	118,723.35	1,029.00	0.87%
3,000	1,200,000	480,000	720,000	140,805.75	141,837.75	1,032.00	0.73%
3,000	1,500,000	600,000	900,000	163,917.15	164,952.15	1,035.00	0.63%
3,000	1,800,000	720,000	1,080,000	187,028.55	188,066.55	1,038.00	0.55%
3,000	2,100,000	840,000	1,260,000	210,139.95	211,180.95	1,041.00	0.50%

	Current Rate	Proposed Rate	Difference
Customer Charge	\$ 660.15	\$ 660.15	\$ -
<u>Demand</u>			
Distribution	\$ 5.17	\$ 5.51	\$ 0.34
Transmission	10.24	10.24	-
Stranded Cost Recovery Charge	0.49	0.49	-
Total	\$ 15.90	\$ 16.24	\$ 0.34
<u>Energy Charge - On-Peak</u>			
Distribution	\$ 0.00553	\$ 0.00554	\$ 0.00001
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00519	0.00519	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.06025	0.06025	-
Total	\$ 0.07840	\$ 0.07841	\$ 0.00001
<u>Energy Charge - Off-Peak</u>			
Distribution	\$ 0.00467	\$ 0.00468	\$ 0.00001
Transmission	-	-	-
Stranded Cost Recovery Charge	0.00378	0.00378	-
System Benefits Charge	0.00743	0.00743	-
Energy Service Charge	0.06025	0.06025	-
Total	\$ 0.07613	\$ 0.07614	\$ 0.00001

Note: Immaterial differences due to rounding.

DE 19-057 – APPENDIX 11

Timeline of Events and Filings Relating to Settlement

- At time Agreement Filed:
 - Step Adjustment 1 Filing Made
 - Work begins on:
 - Advanced Metering Functionality assessment
 - Distribution Condition/Engineering assessment
 - Review of meter retirements
 - Customer survey
 - Outdoor lighting tariff
 - EV rate proposal
 - TOU rate proposal
 - Staff begins work on Business Process Audit
- November 2020, and annually in November:
 - Vegetation Management Plan for following calendar year filed
- March 1 annually:
 - Reliability Report and Vegetation Management Report Filed into new docket for RRA Docket
 - May 1 – Complete RRA filed including all components and supporting testimony and other information
- March 31, 2021:
 - Results of Distribution Condition/Engineering Assessment and Customer Survey filed as supplemental testimony in LCIRP docket
- May 1, 2021 and May 1, 2022:
 - Step Adjustments 2 and 3 filed
- New Start
 - Within 60 days of approval – convene New Start stakeholder group
 - Within 120 days of approval – file stakeholder group report
 - Quarterly – or on schedule set by stakeholder group:
 - New Start Metrics Reported
- Annually:
 - Fee Free Adoption Rate Information Reported

- First Quarter 2021:
 - New outdoor lighting tariff language proposed

- Four Months After Approval of Agreement:
 - EV rate proposal filed

- Six months After Approval of Agreement:
 - TOU rate proposal filed