The Narragansett Electric Company

d/b/a National Grid

# INVESTIGATION AS TO THE PROPRIETY OF PROPOSED TARIFF CHANGES

Testimony and Schedules of:

Ann E. Leary
Scott M. McCabe

Book 15 of 17

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Testimony of
the Pricing Panel

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
Witnesses: Leary and McCabe

# Testimony of Pricing Panel

Joint Pre-Filed Testimony of Ann E. Leary

and Scott M. McCabe

# JOINT PRE-FILED DIRECT TESTIMONY

# OF

# ANN E. LEARY

# AND

# SCOTT M. MCCABE

# SUMMARY

Ann E. Leary is Manager of Gas Pricing for National Grid USA Service Company, Inc. and is responsible for design, implementation, and administration of gas rates and tariffs for the Company and its affiliates, Boston Gas Company and Colonial Gas Company. Scott M. McCabe is Manager of New England Electric Pricing for National Grid USA Service Company, Inc. and is responsible for the design, implementation, and administration of electric rates and tariffs for the Company and its affiliates, Massachusetts Electric Company and Nantucket Electric Company. In this joint testimony, Ms. Leary and Mr. McCabe: (1) explain the development of Rate Year[1] revenue used in the electric and gas cost of service studies supported by Company Witness Melissa A. Little and in the electric and gas allocated cost of service studies supported by Company Witness Howard S. Gorman (for Narragansett Electric) and Company Witness Paul M. Normand (for Narragansett Gas); (2) present the Company's low income discount rate proposal for customers on the electric retail delivery service tariff Low Income Rate A-60; and Low Income Residential Non-Heating Rate 11 (R-11) and Low Income Residential Heating Rate 13 (R-13) in the gas tariff, including recovery of the discount and tariff provisions proposed to allow for this recovery; (3) present the revised fees for both Narragansett Electric and Narragansett Gas; and (4) present the Company's proposed Retail Delivery Service tariffs and proposed changes to existing tariff provisions.

[1] The Rate Year is the first year that new rates resulting from the Company's rate case will be in effect, which is the period September 1, 2018 through August 31, 2019.

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## I. Introduction and Qualifications of Ann E. Leary

**Q. Please state your name and business address.**

A. My name is Ann E. Leary. My business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

**Q. By whom are you employed and in what capacity?**

A. I am the Manager of Gas Pricing for National Grid USA Service Company, Inc. (Service Company). In this role, I am responsible for the design, implementation, and administration of gas rates and tariffs for the Company and its affiliates, Boston Gas Company (Boston Gas) and Colonial Gas Company, each d/b/a National Grid.

**Q. Please describe your educational background and professional experience.**

A. In 1983, I earned a Bachelor of Science in Mechanical Engineering from Cornell University. In 1985, I joined the Essex County Gas Company as Staff Engineer. In 1987, I became a planning analyst and eventually accepted the position of Manager of Rates. Following Essex County Gas Company's merger with Eastern Enterprises in 1998, I became Manager of Pricing for Boston Gas. When KeySpan Corporation acquired Boston Gas in 2000, I became the Manager of Pricing, New England, for KeySpan Corporation and held this position following National Grid plc's (National Grid USA's parent Company) acquisition of KeySpan. In 2011, I began my current position as Manager of Gas Pricing for the Service Company.

**Q. Have you previously testified before the Rhode Island Public Utilities Commission (PUC) or any other regulatory commission?**

A. Yes. I have testified before the PUC on numerous occasions. Specifically, I testified before the PUC regarding the following dockets on behalf of the Company: Gas Cost Recovery (GCR) filings in 2012 through 2017 in Docket Nos. 4346, 4436, 4520, 4576, 4647, and 4719 respectively; Distribution Adjustment Charge (DAC) filings in 2016 and 2017 in Docket Nos. 4634 and 4708; and the Arrearage Management Program filing in 2016 in Docket No. 4651. I also submitted pre-filed direct testimony in Docket No. 4323, The Narragansett Electric Company d/b/a National Grid Application for Approval of Change in Electric Base Distribution Rates and Gas Delivery Service Rates (the 2012 Rate Case). In addition, I have testified extensively in several ratemaking and regulatory proceedings before the Massachusetts Department of Public Utilities (DPU) and the New Hampshire Public Utilities Commission (NHPUC).

## II. <u>Introduction and Qualifications of Scott M. McCabe</u>

**Q. Please state your name and business address.**

A. My name is Scott M. McCabe. My business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

**Q. By whom are you employed and in what capacity?**

A. I am the Manager of New England Electric Pricing in the Regulation and Pricing department of Service Company. In this role, my responsibilities include the design,

implementation, and administration of electric rates and tariffs for the Company and its affiliates, Massachusetts Electric Company and Nantucket Electric Company, each d/b/a National Grid.

**Q. Please describe your educational background and business experience.**

A. In 1991, I graduated from Bowdoin College in Brunswick, Maine with a Bachelor of Arts degree in Economics and Government and Legal Studies. From 1991 to 1999, I was employed by Bay State Gas Company (Bay State Gas), where I held several positions. In 1991, began my employment at Bay State Gas as an intern for the Marketing and Sales Group and was promoted to Associate Planning Analyst for the same group in January 1993. In August 1993, I joined the Demand Side Management (DSM) department as a program manager responsible for the implementation of Bay State Gas's commercial and multifamily DSM programs. In August 1996, I joined EnergyUSA, an unregulated affiliate of Bay State Gas, as a Senior Financial Analyst. In December 1997, I was promoted to Manager of Product Support. In January 1999, I rejoined Bay State Gas as Revenue Control and Analysis Supervisor. From May 1999 through April 2001, I worked for the Massachusetts Technology Collaborative as Project Manager for the Massachusetts Renewable Energy Trust. In April 2001, I joined National Grid as Senior Analyst in the Energy Efficiency Services Group. In 2002, I transferred to the Regulation and Pricing Department in October 2002. In July 2008, I was promoted to Principal Analyst and in July 2013 became a Principal Program Manager. In May of 2014, I was promoted to my current position.

**Q. Have you previously testified before the PUC or any other regulatory commission?**

A. Yes. I previously testified before the PUC on numerous occasions in support of various rate-related issues. In addition, I have testified extensively in several ratemaking and regulatory proceedings before the DPU and the NHPUC.

**Q. Would you please explain the naming conventions that you will be using in your testimony and associated schedules to identify the various entities involved in this proceeding?**

A. Yes. This proceeding is a ratemaking proceeding for the electric and gas distribution operations of The Narragansett Electric Company, which constitute the regulated operations that National Grid conducts in Rhode Island. In this testimony, we will refer to the regulated entity as the "Company," when the reference is to both electric and gas distribution operations on a collective basis. When there is a need to refer to the "stand-alone" or individual electric or gas operations of The Narragansett Electric Company, we will use the terms "Narragansett Electric" or "Narragansett Gas," respectively, as appropriate. When we refer to "National Grid USA," we will use the term "National Grid;" when we refer to "National Grid plc," we will use that specific term. In this testimony we will refer to Company Witness Leary and Company Witness McCabe as "Pricing Panel". Pricing Panel schedules will has a designation of PP.

## III. Purpose of Pricing Panel Testimony

**Q. What is the purpose of your testimony?**

A. The purpose of our testimony is to: (1) explain the development of Rate Year revenue used in the electric and gas cost of service studies supported by Company Witness Melissa A. Little and in the electric and gas allocated cost of service studies supported by Company Witness Howard S. Gorman (for Narragansett Electric) and Company Witness Paul M. Normand (for Narragansett Gas); (2) present the Company's low income discount rate proposal for customers on the electric retail delivery service tariff Low Income Rate A-60 (Rate A-60), and Low Income Residential Non-Heating Rate 11 (Rate 11) and Low Income Residential Heating Rate 13 (Rate 13) in the gas tariff, including recovery of the discount and tariff provisions proposed to allow for this recovery; (3) present revised fees for both Narragansett Electric and Narragansett Gas; and (4) present the Company's proposed electric and gas tariffs and proposed changes to existing tariff provisions.

**Q. Are you sponsoring any schedules as part of your testimony in this proceeding?**

A. Yes, we are sponsoring the following schedules:

- Schedule PP-1-ELEC: Development of Narragansett Electric Rate Year Distribution Revenue
- Schedule PP-1-GAS: Development of Narragansett Gas Rate Year Distribution Revenue
- Schedule PP-2: Calculation of the Proposed Electric and Gas Low Income Discount Recovery Factor
- Schedule PP-3: Proposed Miscellaneous Fees

- Schedule PP-4-ELEC: Clean versions of proposed Narragansett Electric Retail Delivery Service tariffs and proposed tariff provisions
- Schedule PP-5-ELEC: Proposed Narragansett Electric Retail Delivery Service tariffs and proposed tariff provisions, marked to show changes from currently effective tariffs and tariff provisions
- Schedule PP-4-GAS: Clean versions of proposed Narragansett Gas Retail Delivery Service tariff and proposed tariff provisions
- Schedule PP-5-GAS: Proposed Narragansett Gas Retail Delivery Service tariff and proposed tariff provisions, marked to show changes from currently effective tariff and tariff provisions

## IV. Rate Year Distribution Revenue

### A. Narragansett Electric

**Q. Please describe how the Narragansett Electric distribution revenue shown on line (3) of Schedule HSG-4 of the testimony of Company Witness Gorman was developed.**

A. The purpose of the Rate Year distribution revenue is to represent the revenue that the Company would realize during the Rate Year before considering the revenue increase approved in this filing. Since the Company has an approved revenue decoupling mechanism (RDM) in place, the total Company distribution revenue allowed in any year, including the Rate Year, is limited to the annual target revenue of $251,173,000, as approved in the 2012 Rate Case. This annual target revenue has been adjusted by the estimated Rate Year revenue requirement of $19,489,298 associated with the estimated cumulative capital investment in the Electric Infrastructure, Safety and Reliability (ISR) Plan. The Company has included this capital investment in the Rate Year rate base for

recovery in base distribution rates. Therefore, the Company must reflect the estimated Rate Year revenue associated with the recovery of this capital investment that would have taken place through the ISR capital recovery factors (ISR CapEx factors) with the annual target revenue to align total Rate Year distribution revenue with the Rate Year costs reflected in the cost of service study prepared by Company Witness Little. The adjusted annual target revenue of $270,662,298 is shown in total and by rate class on Schedule HSG-4, page 1, line (3), labeled Distribution Revenue at Present Rates, and on Schedule HSG-1A, page 1, line (1). The total adjusted annual target revenue of $270,662,298 is used in both the electric allocated cost of service study and the electric cost of service study to represent Rate Year base distribution revenue prior to any revenue increase approved in this proceeding.

**Q. What does Narragansett Electric's Rate Year distribution revenue represent?**

A. The Rate Year distribution revenue is the forecasted Rate Year normalized distribution revenue plus a normalizing revenue adjustment, as described below. Rate Year normalized distribution revenue excludes all revenue from Narragansett Electric's other reconciling mechanisms and only reflects that revenue which it would realize from the billing of base distribution rates and the ISR CapEx factors. The Company is filing a distribution rate case to determine new base distribution rates to recover Narragansett Electric's Rate Year costs as presented by Company Witness Little. Therefore, any revenue not applicable to the recovery of distribution service costs are excluded from Rate Year normalized distribution revenue. Accordingly, the Company has also excluded

any incentives earned through its Energy Efficiency Program, Long Term Contracting for Renewable Energy Recovery mechanism, and its Renewable Energy Growth Program.

**Q. How did the Company calculate the Rate Year normalized distribution revenue?**

A. The Company calculated the Rate Year normalized distribution revenue by multiplying the currently-effective base distribution rates and ISR CapEx factors by the forecasted billing units to produce the Rate Year normalized rate class distribution revenue. The forecasted billing units are developed by Company Witness Joseph F. Gredder and supported in his pre-filed direct testimony and schedules.

**Q. Is the Rate Year distribution revenue normalized for weather?**

A. Yes, it is. Company Witness Gredder's forecast of billing units is weather-normalized, meaning that is reflects normal weather.

**Q. Did the Company have to weather normalize Test Year distribution revenue?**

A. No, the Company did not need to normalize Test Year distribution revenue for weather due to the operation of its electric RDM. Since the electric RDM sets the level of revenue the Company is allowed to realize in a year, there is no need to normalize Test Year distribution revenue for weather because it is already normalized for weather as a result of the 2012 Rate Case.

**Q. What is the normalizing revenue adjustment you mentioned above and how is it calculated?**

A. The normalizing revenue adjustment results in Rate Year base distribution revenue that equals the adjusted target revenue discussed above *(i.e.*, the RDM annual target revenue plus the ISR Rate Year revenue). Specifically, the normalizing revenue adjustment in Schedule PP-1-ELEC is the difference between the adjusted annual target revenue of $270.7 million on line (7) less the total Company forecasted Rate Year normalized revenue of $253.9 million ($237.9 million base distribution revenue on line (1) plus $16 million of ISR CapEx revenue on line (4)), resulting in an upward adjustment to Rate Year distribution revenue of $16.8 million on line (8).

**Q. How is the normalizing revenue adjustment allocated to each rate class?**

A. The Company has allocated this normalizing revenue adjustment by forecasted kWh during the Rate Year. The adjustment of $16.8 million, when divided by the forecasted kWh deliveries during the Rate Year, results in a factor of $0.00230 per kWh, as calculated on line (10) of Schedule PP-1-ELEC. This factor is multiplied by each class's forecasted kWh deliveries to determine the each rate class's share of the adjustment presented on line (11).

**Q. What is the final Rate Year rate class revenue for Narragansett Electric?**

A. The final step in developing the Rate Year rate class revenue is to add the Rate Year normalizing revenue adjustment to each rate class's forecasted Rate Year normalized revenue. This calculation is presented on line (12).

**Q. Did Narragansett Electric make any other proforma adjustments for the Rate Year?**

A. Yes. Narragansett Electric is proposing to revise existing fees that are included in its Terms and Conditions for Distribution Service and optional tariff provisions. As such, the Company has made proforma revenue adjustments based on the proposed fees.

A detailed analysis of Narragansett Electric's Test Year Revenue is provided in Workpaper PP-1-ELEC.

**Q. Please briefly describe Workpaper PP-1-ELEC?**

A. Lines (1) through (8) of Workpaper PP-1-ELEC present the derivation of Rate Year base distribution revenue of $270,662,298, consistent with the results of the calculation described above for Schedule PP-1-ELEC. Lines (9) through (17) present other non-base distribution revenue. The Company has adjusted Test Year revenue presented in column (a) to normalize out revenue that is not associated with costs included in the cost of service. Normalizations include the removal of revenue associated with contributions in aid of construction, energy efficiency program payments, and the non-distribution

components of Integrated Facilities Agreement payments. The proforma adjustment on line (10) of column (c) is associated with the proposed changes to existing fees. Lines (19) through (24) present other delivery revenue associated with reconciling mechanisms for which Narragansett Electric recovers uncollectible costs through base distribution rates. Lines (25) through (31) present other delivery revenue associated with reconciling mechanisms and commodity revenue for which the Company recovers uncollectible costs outside of base distribution rates. Finally, line (32) presents gross earnings tax revenue. Since expenses associated with the reconciling mechanisms presented on lines (19) through (31) of Workpaper PP-1-ELEC are recovered outside of base distribution rates, Narragansett Electric has normalized out of Test Year revenue the revenue from these reconciling mechanisms as presented in on lines (24) through (37) of Schedule MAL-2-ELEC to the testimony of Company Witness Little.

**B. Narragansett Gas**

**Q. Please describe the nature of the revenue adjustments for Narragansett Gas.**

A. The Narragansett Gas revenue adjustments fall into two general categories, which are similar to the electric revenue adjustments for Narragansett Electric that are described above: (1) revenue adjustments resulting from volumetric changes to actual Test Year billing units; and (2) revenue adjustments associated with the Company's gas RDM and a similar adjustment to reflect Rate Year ISR Plan revenue.

**Q. Please describe the nature of the adjustments reflected in the Narragansett Gas Test Year and Rate Year billing units.**

A. The revenue adjustments related to the Test Year and Rate Year billing units and are a result of weather and, for the Rate Year, growth. The weatherization adjustment restates the Test Year, which is based on actual billing units that include the effects of weather, to a weather-normal Test Year level. The second weatherization adjustment calculates the Rate Year revenue based on weather-normal billing units, as adjusted for net growth in the number of customers.

**Q. How was the actual quantity of gas used by customers normalized for weather and who performed the adjustment?**

A. A description of how the actual Test Year quantity of gas was normalized for weather is discussed in detail in the testimony of Company Witness Theodore E. Poe. The Company used these weather-normal billing units in Schedule PP-1(a)-GAS for the normalized revenue adjustments for the Test Year.

**Q. How was the delivery quantity of gas adjusted to account for net growth and who performed the adjustment?**

A. The development of the delivery quantity of gas and associated adjustments for net growth are also described in the testimony of Company Witness Poe and detailed in Schedule PP-1(a)-GAS.

**Q. Please explain the derivation of the normalization revenue adjustments shown on Schedule PP-1(a)-GAS.**

A. The normalization revenue adjustments shown on Page 2 of Schedule PP-1(a)-GAS were derived by calculating Test Year normalized distribution revenue by multiplying the currently-effective base distribution rates by the normalized Test Year billing units developed by Company Witness Poe. Similar to Narragansett Electric, this revenue for Narragansett Gas excludes revenue from its reconciling mechanisms. A summary of revenue by the various rate elements is provided in Schedule PP-1(b)-GAS.

**Q. Are there any other revenue adjustments made to Test Year revenue used by Company Witness Little?**

A. Yes. The Company made additional normalization adjustments to Test Year actual revenue to: remove revenue recovered through reconciling mechanisms; reflect revenue that had been recorded such that it was not being included in the other revenue credited to Narragansett Gas's cost of service; and eliminate various accounting entries for the accrual of various revenue items that do not impact normalized distribution revenue for ratemaking purposes.

**Q. Can you please explain why Narragansett Gas made these adjustments?**

A. Yes. As noted above, since this is a base distribution rate case, Narragansett Gas removed all items that were not related to distribution revenue. In addition, since the Company earns incentives associated with its Energy Efficiency Program and Natural

Gas Portfolio Management Plan, Narragansett Gas also removed these items from Test Year revenue to ensure that they do not impact the distribution revenue requirement to be recovered through base distribution rates.

**Q. Is the Rate Year firm distribution revenue calculated in a similar manner to the normalized Test Year revenue?**

A. Yes. The Rate Year firm distribution revenue reflected in Schedules PP-1(a)-GAS and PP-1(b)-GAS is calculated in a similar manner to the normalized revenue described above and used in the revenue requirement calculations of Company Witness Little.

**Q. Are any other adjustments made to the Rate Year revenue used by Company Witness Little?**

A. Yes. As described above, Narragansett Gas also made proforma revenue adjustments associated with the Rate Year Gas ISR Plan revenue requirement, operation of Narragansett Gas' RDM, and proposed changes to the Account Restoration Charge and Returned Check Charge. The ISR Plan revenue adjustment represents the change in the recovery of ISR capital investment from the Test Year to the Rate Year. As noted above, Company Witness Little has included the capital investment that is currently being recovered through the ISR Plans plus estimated capital investment through the Rate Year in the Company's electric and gas Rate Year revenue requirement. Therefore, the Company must reflect a normalizing adjustment to reflect the revenue that it would bill through the ISR factors associated with that capital investment.

The RDM adjustment is needed to accurately reflect the revenue Narragansett Gas would be allowed to earn during the Rate Year as a result of the estimated number of customers during the Rate Year. The need for this adjustment is the same as that for Narragansett Electric in that the Rate Year revenue is based forecasted billing units multiplied by the currently-effective base distribution rates similar to the forecasted electric billing units. Therefore, Narragansett Gas included a proforma adjustment reflecting the difference between the forecasted Rate Year revenue-per-customer for residential, and small and medium commercial and industrial customers and the revenue-per-customer benchmarks last approved by the PUC in Docket No. 4708. This calculation is included in Schedule PP-1(c)-GAS.

**Q. Is Narragansett Gas proposing any changes to its Advanced Gas Technology program?**

A. No. Narragansett Gas is not proposing any changes to the administration of its Advanced Gas Technology program at this time. However, Narragansett Gas is proposing to eliminate the $300,000 that is currently embedded in its base distribution rates. Under this proposal, all Advanced Gas Technology program costs would be recovered solely through the Company's Distribution Adjustment Charge (DAC). This change would allow all parties (Narragansett Gas, Division of Public Utilities and Carriers (Division), and the PUC) the flexibility to establish the appropriate funding for the Company's Advanced Gas Technology program each year as part of the Company's annual DAC filing.

## V. Low Income Discount and Low Income Discount Recovery

### A. Low Income Discount Proposal

**Q. Please explain why the Company is proposing changes to the way it delivers the discount to eligible customers on its low income rate classes.**

A. In Docket 4600, the PUC instructed the Company to re-examine the design of its electric and gas low income rates in its next electric distribution rate case in accordance with the rate design principle and goals adopted by the PUC considering the low income customer protections listed in Section 3.4 of the Docket 4600 Stakeholder Working Group Process Report dated April 5, 2017 (Stakeholder Report). The Company has reviewed the recommendations in the Stakeholder Report and, as described below, is proposing a change in the way the assistance discount is provided to Narragansett Electric customers on Rate A-60 and to Narragansett Gas customers on Rate 11, and Rate 13.

**Q. What recommendations has the Company considered in crafting its proposal below?**

A. The Company's proposal addresses the following recommendations identified in Section 3.4 of the Stakeholder Report:

- Redesign of the low-income A-60 rate to take a fixed percent reduction from residential rates.
- Temporary additional discounts or other mechanisms as needed for low-income consumers related to rate increases driven by programs, infrastructure changes, or uneven access to new programs or resources (i.e., where the benefit of the new programs or resources will not accrue to low-income consumers), or as required by principles of equity or burden.

- Possibility of accommodations in certain rate design elements as appropriate.[2]

**Q. Please discuss how the Company's proposal addresses these recommendations.**

A. Redesign of the low-income A-60 rate to take a fixed percent reduction from residential rates: The Company's proposal is directly aligned with this recommendation for Rate A-60, Rate 11, and Rate 13 because the Company is proposing to provide customers on these rate classes a fixed total bill discount of 15 percent, with the distribution rates for these rate classes being the same as those for all other residential customers, as explained in more detail below.

Temporary additional discounts or other mechanisms as needed for low-income consumers: Although the Company's low income discount proposal does not specifically address this recommendation, the Company is including in its Power Sector Transformation Plan proposals two initiatives applicable to income eligible customers, as described in the testimony and schedule of the Company's Power Sector Transformation Panel.

Possibility of accommodations in certain rate design elements as appropriate: The Company's proposal includes two elements that are intended to address additional considerations with regard to this customer group. First, the Company is proposing to exempt customers on these rate classes from being assessed the factors that the Company

[2] Stakeholder Report at 15.

is proposing to implement for the recovery of the discounts applied to these customers' bills. Second, the Company is proposing a transition to full residential distribution rates for customers on Rate A-60. The Company is sensitive to the bill impact on Rate A-60 customers resulting from the transition to the full residential customer charge at the beginning of the Rate Year, since Rate A-60 customers today are not assessed a customer charge. The Company's proposal to phase-in the electric customer charge over three years is an accommodation intended to lessen the impact of this change.

**Q. How does the Company provide the discount to low income customers today?**

A. Currently, the Company's low income customers are billed base distribution rates that are discounted as compared to the base distribution rates billed to other residential customers. For Narragansett Electric, the Rate A-60 distribution rates are designed so that a customer on Rate A-60 using an average number of kWh is billed approximately 50 percent of the amount that a customer on the Basic Residential Rate (Rate A-16) with the same usage is billed. This discount is accomplished through a Rate A-60 customer charge of $0 and a discounted distribution kWh rate. The discount provided to Rate A-60 customers is recovered through the residential rate design in the 2012 Rate Case, which resulted in a higher base distribution kWh rate. Consequently, all Rate A-16 residential customers are paying for the discount provided to Rate A-60 customers.

For Narragansett Gas, the distribution rates for Rate 11 and Rate 13 are discounted 10 percent from the non-discounted Residential Non- Heating Rate 10 and Residential

Heating Rate 12, respectively. In addition, Rate 13 customers receive a bill credit from the Company for a Low Income Home Energy Assistance Program (LIHEAP) matching grant,[3] which is funded by all customers through Narragansett Gas's distribution rates. In the 2012 Rate Case, the PUC approved a revenue requirement that included the total annual LIHEAP matching grant amount of $1.585 million and the low income weatherization grant of $200,000.

**Q. Please describe the Company's proposal to change the way in which the discount is reflected in the bills of eligible low income customers.**

A. The Company is proposing to offer a 15 percent total bill discount to all of its low income customers and to eliminate the current discount reflected by lower base distribution rates for these customers. Specifically, the Company is proposing to set the low income rate class's distribution rates equal to the corresponding non-discounted residential rates. For Narragansett Electric, the distribution rates for Rate A-60 will equal those of Rate A-16; for Narragansett Gas, the distribution rates for Rate 11 will equal those of Rate 10, and the distribution rates of Rate 13 will equal those of Rate 12. The Company will provide discount based on the total bill by multiplying the total monthly bill by 15 percent. The Company proposes to show the amount of the discount as a line item on customers' bills.

[3] The Company awards grants to Rate 13 customers, which is based on a fixed percentage of the grant the customer receives from LIHEAP, which is federally-funded LIHEAP.

**Q. Is the Company proposing any other changes with regard to low income customers' rates?**

A. Yes. For Narragansett Gas, the Company proposes to eliminate the LIHEAP matching grant program and the Low Income Weatherization program offered to Rate 13 customers that are recovered through base distribution rates. Therefore, the gas revenue requirement described in the testimony of Company Witness Little does not reflect cost of service allowances for these two programs. Ceasing the recovery of the discount through base distribution rates and eliminating the LIHEAP matching grant and Low Income Weatherization programs will partially offset the estimated annual discount during the Rate Year based on the proposed 15 percent discount associated with eligible gas customers.

**Q. Please describe the benefits of the Company's proposal.**

A. Since the current low income discount is delivered through discounted base distribution rates and the base distribution rates are only one component of the customer's bill, the effective discount percentage based on a total bill will vary for each customer based on the customer's usage and the level of the other, non-discounted rates on the bill. As customer usage increases, the effective discount percentage decreases. Similarly, as other components of the customer's bills increase (*e.g.,* commodity rates, energy efficiency program factors, ISR factors), the effective discount percentage is diluted. In addition, for Narragansett Gas, the LIHEAP matching grant is a fixed percentage of the actual LIHEAP grant the customer receives. Since the actual LIHEAP grant is based on a

customer's income and not on the customer's actual gas bill, the effective benefit when measured as a percentage of the total amount billed will vary among Rate 13 customers.[4] Under the Company's proposal, all low income customers will receive the same 15 percentage discount, regardless of customer usage and rate levels, resulting in a more equitable treatment for all eligible customers. Furthermore, since the discount will be shown as a separate line item on the bill, the amount of the discount will be transparent and easily understood by customers. Additionally, Narragansett Gas Rate 13 customers will receive the 15 percent discount each month. Today, Rate 13 customers do not receive a LIHEAP matching grant until the Company receives the federally-funded LIHEAP grant, which sometimes does not occur until well into the winter season. The Company's proposal to eliminate the LIHEAP matching grant program and provide the value to customers through the proposed 15 percent discount will essentially spread this value over the course of the year, contributing to making gas bills more affordable more frequently than once a year when the grants are applied to the customers' accounts.

**Q. How did the Company determine the proposed discount percentage?**

A. The Company arrived at a 15 percent total bill discount because, at this level, estimated Rate Year discount is equivalent to the value provided to customers in these three rate classes in the 2012 Rate Case. In addition, the Company believes that the discount level should be the same for both electric and gas low income customers. The table below

[4] Rate A-60 customers who heat with electricity are also eligible to receive LIHEAP grants. The impact of all benefits received will have a similar result on the effective percentage of benefit received across Rate A-

compares the total annual discount for both electric and gas at varying discount levels along with the value provided to low income customers in distribution rates from the 2012 Rate Case. The Company also selected a 15 percent discount as recovery of the estimated amount of the discount based on 15 percent would have a modest impact on all other customers during the Rate Year.

Narragansett Electric

| Percent Discount | Estimated Annual Discount | Low Income Value Provided in 2012 Rate Case | Difference |
|---|---|---|---|
| 5% | $2,071,424 | $6,446,453 | ($4,375,029) |
| 10% | $4,142,848 | $6,446,453 | ($2,303,605) |
| 15% | $6,214,273 | $6,446,453 | ($232,180) |
| 20% | $8,825,697 | $6,446,453 | $1,839,244 |
| 25% | $10,357,121 | $6,446,453 | $3,910,668 |

Narragansett Gas

| Percent Discount | Estimated Annual Discount | Low Income Value Provided in 2012 Rate Case[5] | Difference |
|---|---|---|---|
| 5% | $1,063,098 | $2,544,194 | ($1,481,096) |
| 10% | $2,126,195 | $2,544,194 | ($417,999) |
| 15% | $3,189,293 | $2,544,194 | $645,099 |
| 20% | $4,252,390 | $2,544,194 | $1,708,196 |
| 25% | $5,315,488 | $2,544,194 | $2,771,294 |

60 customers receiving LIHEAP grants. There is no LIHEAP matching grant program for Narragansett Electric.

[5] The $2,544,194 is comprised of the 10 percent distribution rate discount of $959,194 plus the $1,585,000 Company LIHEAP matching grant.

**Q. Has National Grid implemented a low income discount on a total bill basis in any other jurisdiction?**

A. Yes. The Company's Massachusetts affiliates have implemented a similar total bill discount for their electric and gas low income customers. In D.P.U. 09-39 (2009), the DPU approved a proposal by Massachusetts Electric Company and Nantucket Electric Company to remove the low income discount provided through discounted base distribution rates and provide the discount as a percentage off of the total amount billed at full residential rates, and to show the amount of the discount as a credit on the bill. As a result of National Grid's proposal in Massachusetts, the DPU established a generic proceeding to investigate the appropriate method for delivering low income bill discounts to eligible customers. As a result of its review, the DPU directed the other utilities in Massachusetts to implement the same delivery of a low income discount as the DPU approved in D.P.U. 09-39.

**B. Low Income Discount Recovery Proposal**

**Q. How does the Company propose to recover the discount it will be providing to its low income customers under this proposal?**

A. The Company proposes to recover the discount through a Low Income Discount Recovery Factor assessed to all retail delivery service customers except low income customers (customers on Rate A-60, Rate 11, and Rate 13).

**Q. How will the Low Income Discount Recovery Factor be calculated?**

A. The Low Income Discount Recovery Factor will be calculated in accordance with the provisions of the proposed Residential Assistance Provision, RIPUC No. 2195 for Narragansett Electric and RIPUC No. 101, Section 7, Schedule C, Item 9.0, for Narragansett Gas. As provided in these tariffs, the discount provided to low income customers will be recovered concurrently based on the estimated annual low income discount. On an annual basis, the actual amount of the discount applied to customer bills will be compared to the amount billed to all other customers through the Low Income Discount Recovery Factor, and any over/under recovery of the discount will credited to or recovered from all other customers through the subsequent year's Low Income Discount Recovery Factor. For Narragansett Electric, the Low Income Discount Recovery Factor will be a uniform per kWh factor included with the distribution kWh rate for billing purposes. For Narragansett Gas, the Low Income Discount Recovery Factor will be a uniform per-therm factor included in the Company's DAC factor for billing purposes. Discounts provided to Rate A-60 customers would be recovered from Narragansett Electric's other customers, and discounts provided to Rate 11 and Rate 13 customers would be recovered from Narragansett Gas's other customers.

**Q. Is the Company proposing to implement a Low Income Discount Recovery Factor at this time?**

A. Yes. The Company has provided the calculation of the proposed Low Income Discount Recovery Factor in Schedule PP-2 for Narragansett Electric and Narragansett Gas. The

Company proposes to implement a Low Income Discount Recovery Factor at the same time that it begins providing the low income discount as described above, on the first day of the Rate Year in this proceeding. The Company will file a revised Schedule PP-2 in compliance with the PUC's rulings in this rate case. In addition, not all of the Company's rates and charges will be impacted by this general rate case, while others will change during the course of this proceeding. Therefore, the compliance Schedule PP-2 will reflect currently-effective rates, as adjusted by the PUC's rulings in this proceeding where applicable, at the time of the compliance filing.

**Q. How does the proposed Low Income Discount Recovery Factors compare to the estimate of the recovery through base distribution rates of the value provided to low income customers in the 2012 Rate Case?**

A. Pages 3 and 4 of Schedule PP-2 illustrate the impact on a residential customer as a result of the change in the delivery of the low income discount as proposed by the Company. On Page 3, based on the proposed 15 percent discount and the estimated annual discount amount shown in column (b), the Low Income Discount Recovery Factor is $0.00087 per kWh, and a Narragansett Electric 500 kWh residential customer would see a small decrease in their monthly bill of $0.08 based upon what is included in today's base distribution rates shown in columns (e) and (f). Customers in the other Narragansett Electric rate classes would see small increases as a result of the Company's proposal; however, customers in the other Narragansett Electric rate classes have not been subject

to the recovery of the amount of the discount determined in the 2012 Rate Case because it was recovered through the residential rate design.

On page 4 for Narragansett Gas, the proposed Low Income Discount Recovery Factor of $0.0083 per therm is approximately the same as the estimated $0.0082 per therm embedded in the base distribution rates of a residential heating customer. For a typical residential heating customer using 845 therms per year, this small increase would result in a total annual bill increase of only $0.08 per year.

### C. Proposed Phase-In of Rate A-60 Customer Charge

**Q. Please describe the Company's proposal to phase-in the Rate A-60 customer charge?**

A. As discussed in the testimony of Company Witness Gorman, Narragansett Electric is proposing a customer charge of $8.50 for both Rate A-60 and Rate A-60. However, as discussed above, Rate A-60 customers today are not billed a customer charge. To mitigate the bill impact on Rate A-60 customers that would result from such a change, the Company is proposing to phase in the $8.50 customer charge with customer charges of $2.75, $5.50, and $8.50 effective on the first day of the Rate Year and annually thereafter until the Rate A-60 customer charge is the same as that for Rate A-16 customers.

**Q. How does the Company propose to recover the lost revenue associated with the phase in of the Rate A-60 customer charge?**

A. The Company is proposing that the difference between what would have been billed to Rate A-60 customers at the full customer charge and what was billed to Rate A-60 customers during the phase-in period be reflected in Narragansett Electric's RDM reconciliation.

## VI. Proposed Retail Delivery Service Tariffs and Tariff Provisions

**Q. Has the Company updated the fees contained in its tariffs?**

A. Yes. In Schedule PP-3, the Company has calculated the following fees for both Narragansett Electric and Narragansett Gas based on current cost information: (1) Account Restoration Charge; and (2) Returned Check fee. For Narragansett Electric only, the Company has also provided updated fees for: (1) Lighting Service Charge; (2) Off-Cycle Meter Reading fee; (3) Enhanced Metering fee; and (4) Line Extension fees. Both Narragansett Electric and Narragansett Gas are proposing a new IP Wireless Fee and associated Data Plan fee.

### A. Narragansett Electric Tariffs

**Q. Has the Company included proposed electric tariffs and tariff provisions associated with its filing?**

A. Yes. Schedules PP-4-ELEC and PP-5-ELEC contain the proposed tariffs and tariff provisions necessary to implement Narragansett Electric's proposals in this filing.

Schedule PP-4-ELEC contains clean versions of the proposed tariffs reflecting all of the proposed changes. Schedule PP-5-ELEC contains the tariffs marked to show changes from those currently in effect.

R.I.P.U.C. No. 2095, Summary of Retail Delivery Rates, is included in Schedule PP-4-ELEC and includes the distribution rate changes proposed in this filing, including the proposed Low Income Discount Recovery Factor, adjustments to various rates to reflect the uncollectible percentage proposed in this proceeding, and the proposed the elimination of Optional Large Demand Rate (G-62) and Optional Large Demand Back-Up Service Rate (B-62) (Rates B-62 and G-62), as presented by Company Witness Gorman in his testimony. R.I.P.U.C. No. 2096, Summary of Rates – Standard Offer Service is also included in Schedule PP-4-ELEC and includes a revision to the Standard Offer Service Administrative Cost Factors to reflect the uncollectible percentage proposed in this proceeding.

**Q. Are there any new tariff provisions that you are presenting?**

A. The Company is proposing to revise one existing tariff to implement the proposals included in this filing. The Company is proposing revisions to the currently-effective Arrearage Management Program Provision, R.I.P.U.C. No. 2171, to change the name of the tariff to the Residential Assistance Provision and incorporate language to implement recovery of the Company's proposed low income discount through the Low Income Discount Recovery Factor described above. The Company is also proposing a tariff

associated with the proposals presented by the Power Sector Transformation Panel, and that proposed tariff is included in that panel's schedules.

**Q. Please describe the changes proposed to the Retail Delivery Service tariffs.**

A. The retail delivery service tariffs for each rate class (Rates A-16, A-60, B-32, G-02, G-32, M-1, S-05, S-06, S-10, S-14, and X-01) have been revised to streamline the presentation of the Rate Adjustment Provisions section. They have also been revised to indicate that these tariffs are subject to adjustment for the following provisions: proposed Residential Assistance Provision, Power Sector Transformation Provision, Long Term Contracting for Renewable Energy Recovery Provision, Long Term Contracting for Renewable Energy Recovery Reconciliation Provision, Renewable Energy Growth Program Cost Recovery Provision, and the Storm Fund Replenishment Provision. The retail delivery service tariff for Rate A-60 has also been revised to include a provision to reflect the Company's proposal to offer a 15 percent discount on the total amount billed.

**Q. Are you proposing any other revisions to tariff provisions?**

A. Yes. The Company is proposing revisions to the following currently-effective tariffs:

- R.I.P.U.C. No. 2115, Transmission Service Cost Adjustment Provision (TSCAP)
- R.I.P.U.C. No. 2172, Energy Efficiency Program Provision (EEPP)
- R.I.P.U.C. No. 2130, Terms and Conditions for Distribution Service
- R.I.P.U.C. No. 2019-A, Off Cycle Meter Read for Switch of Supplier
- R.I.P.U.C. No. 2021-A, Optional Enhanced Metering Service

- R.I.P.U.C. No. 2073, Revenue Decoupling Mechanism Provision
- R.I.P.U.C. No. 2118, Infrastructure, Safety, and Reliability Provision
- R.I.P.U.C. No. 2119, Pension Adjustment Mechanism Provision
- R.I.P.U.C. No. 2155, Tariff for Standard Offer Service

**Q. Please describe the changes proposed to the TSCAP and the EEPP.**

A. The Company has revised these provisions to remove the reference to the uncollectible percentage of 1.25 percent, which was approved in Docket No. 4323 and to make a more generic reference to the uncollectible percentage approved in the Company's most recent general rate case.

**Q. Please describe the changes proposed to the Terms and Conditions for Distribution Service.**

A. Narragansett Electric has revised Sections 18, 21, and 33 to reflect proposed revisions to the Lighting Service Charge, the Account Restoration Fee, and the Paperless Bill Credit, respectively. Narragansett Electric has revised Section 32, Billing Termination (Soft Off) to remove the outdated reference to the Pilot Program and to clarify Company policies and procedures. Narragansett Electric has revised Policy 1 and Policy 2 to reflect proposed revisions to the cost per centerline foot. Finally, Narragansett Electric has revised Policies 1, 2, and 3 to clarify certain Company policies and procedures.

**Q. Please describe the changes to the Off Cycle Meter Read for Switch of Supplier and Optional Enhanced Metering Service provisions.**

A. Narragansett Electric has revised these provisions to reflect proposed updates to the fees for these services provided for in these provisions. Narragansett Electric has revised the Optional Enhanced Metering Service Provision to include a new option for Wireless Service. This option is designated as Option 1 in the tariff and will be the type of service installed on new requests for Enhanced Metering Service. Previous Option 1, Complete Service, is now Option 2, Service via Phone Line, and is only available to existing customers and new customers at the Company's discretion when wireless service is not technically feasible. The fees for Option 2 and Option 3, Modem Service, have been updated.

**Q. Please describe the changes to the ISR Provision and Tariff for Standard Offer Service.**

A. As described in the testimony of Company Witness Gorman, the Company is proposing to eliminate Rate G-62 and Rate B-62. Narragansett Electric has revised the ISR Provision and the Tariff for Standard Offer Service to remove references to these two rate classes. The Company has also revised the ISR Provision for the definitions of Cumulative CapEx and Incremental Rate Base to describe the revenue requirement subject to reconciliation in words and not rely on specific dates that would require revision in the future.

**Q. Please describe the changes to the Revenue Decoupling Mechanism Provision.**

A. The Company is removing the reference to the tariff number for the Infrastructure, Safety, and Reliability Provision, which is referenced in the RDM Provision, as well as added in the proposed Power Sector Transformation Provision regarding revenue sources to be excluded from the operation of the RDM provision.

**Q. Please describe the changes to the Pension Adjustment Provision.**

A. The reasons for the changes to the Pension Adjustment Mechanism Provision are described in the testimony of Company Witness Little.

**Q. Is the Company proposing any other tariff changes?**

A. The Company is proposing to cancel retail delivery service tariffs R.I.P.U.C. 2141, Optional Large Demand Rate (G-62), and R.I.P.U.C. 2138, Optional Large Demand Back-Up Service Rate (B-62). In addition, the Company is proposing to cancel R.I.P.U.C. No. 1157, Optional Billing and Rate Data Service Provision, because these are services that the Company no longer offers.

**B. Narragansett Gas Tariffs**

**Q. Has the Company included proposed gas tariff associated with its filing?**

A. Yes. Schedules PP-4-GAS and PP-5-GAS contain the proposed gas tariff necessary to implement Narragansett Gas' proposals in this filing. Schedule PP-4 contains a clean

version of the proposed tariff reflecting all of the proposed changes. Schedule PP-5 contains the tariff marked to show changes from the tariff currently in effect.

**Q. Are there any new provisions that you are including in the proposed tariff?**

A. Yes. The Company is making four changes to its tariff beyond the proposed base distribution rates for residential, commercial, and industrial customers. These changes are: (1) updating existing fees and proposing the IP Wireless Device Fee as indicated above for Narragansett Electric; (2) adding provisions for the operation and recovery of the low income discount and revising the availability clauses for low income residential rate schedules; (3) including the Company's Contribution In Aid of Construction policies in the gas tariff; and (4) various housekeeping revisions and other administrative changes to eliminate outdated references. The proposed changes are discussed below

**Q. Please describe the changes proposed to the rate schedules.**

A. The retail delivery service tariffs for each rate class (Rates 10, 11, 12, 13, 21, 22, 23, 24, 33, 34, 60, and 61) have been updated along with minor housekeeping revisions. In addition, Rate 11 and Rate 13 now include a provision to reflect the Company's proposal to provide a 15 percent discount on the total amount billed. Finally, Narragansett Gas is proposing revisions intended to standardize the availability clause of Rate 11 and Rate 13 to align with the availability clause for Narragansett Electric's Rate A-60.

**Q. Are there other tariff provisions that you are proposing to revise in the gas tariff?**

A. Yes. The Company is proposing revisions to the following existing tariff provisions:

- Section 1, Schedule A, General Terms and Conditions
- Section 2, Gas Cost Recovery Clause
- Section 3, Distribution Adjustment Clause
- Section 6, Transportation Terms and Conditions
- Section 7, Other Miscellaneous Charges

**Q. Please describe the changes proposed to the General Terms and Conditions.**

A. In Section 1, Schedule A, Item Nos. 7 and 8, the Company has revised the Return Check Charge and Account Restoration Charge, respectively. The Company has also added Item No. 12 which summarizes all the various charges, fees, and credits reflected in the tariff.

**Q. Please describe the changes to the proposed Gas Cost Recovery Clause.**

A. The Company is proposing to include System Pressure in the definition credits to be included with fixed supply costs in Item 3.1 along with minor housekeeping revisions in the Gas Cost Recovery Clause.

**Q. Please describe the changes to the Distribution Adjustment Clause.**

A. In addition to minor housekeeping revisions, the Company has added a new factor, the Low Income Discount Recovery Factor, to the DAC as well as a new section, Item No. 3.9, which describes the calculation of this new factor. The Company also has adjusted Item 3.5, Pension Adjustment Factor, based upon the proposal described in more detail in

Company Witness Little's testimony. Finally, in accordance with the PUC's directives in Docket No. 4708, the Company has eliminated the Low Income Assistance Program factor, Item No. 3.3, and On-System Margin Credit Factor, Item No. 3.7, and revised the calculation of the System Pressure factor in Item No. 3.1. The Company has also revised the ISR Provision in the DAC for the definitions of Cumulative CapEx and Incremental Rate Base to describe the revenue requirement subject to reconciliation in words and not rely on specific dates that would require revision in the future.

**Q. Please describe the changes to the Transportation Terms and Conditions.**

A. In addition to minor housekeeping revisions, the Company has revised Item No. 2.02 to include new fees for the installation of an IP wireless device and associated data plan for FT-1 transportation customers.

**Q. Please describe why Narragansett Gas is including the Contribution in Aid of Construction policies in its tariff.**

A. Narragansett Gas currently has three policies describing the terms and conditions for the installation of natural gas service and main extensions for: (1) for new residential customers; (2) residential developments; and (3) commercial, industrial, and existing residential customers. Pursuant to Item 5.0 of the General Terms and Conditions, when Narragansett Gas's estimated revenue from a new service and/or main is insufficient to warrant the expenditure, the customer is required to pay all or a portion of the expenditure, known as a Contribution in Aid of Construction. The policies identify the

provision by which Narragansett Gas will implement the policies and determine the customer's responsibility for Contribution in Aid of Construction given the scope of the new service or main. Because these policies apply to all customers, they are appropriate to include in the tariff so that the policies are readily available to all customers. The policies are included in Section 8, Services and Main Extension Policies.

**Q. Please describe the changes to the Other Miscellaneous Charges.**

A. In addition to minor housekeeping revisions, the Company has revised the currently-effective Arrearage Management Program Provision, Section 7, Schedule C, to change the name of the provision to the Residential Assistance Provision and incorporate language to implement recovery of the Company's proposed low income discount through the Low Income Discount Recovery Factor described above.

## VII. Conclusion

Q. Does this conclude your testimony?

A. Yes.

Schedules of
the Pricing Panel

Schedules of the Pricing Panel

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| Schedule PP-2 | Calculation of the Proposed Electric and Gas Low Income Discount Recovery Factor |
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| Schedule PP-5-ELEC | Proposed Narragansett Electric Retail Delivery Service tariffs and proposed tariff provisions, marked to show changes from currently effective tariffs and tariff provisions |
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## LIST OF WORKPAPERS

| | |
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| Workpaper PP-1-ELEC | Test and Rate Year Billings |
| Workpaper PP-1-GAS | Test Year Revenue, Normalized Test Year Revenue, Rate Year Revenue |

Schedule
PP-1-ELEC

Schedule PP-1-ELEC

Development of Narragansett Electric

Rate Year Distribution Revenue

**The Narragansett Electric Company d/b/a National Grid**
**Calculation of Revenue Decoupling and Infrastructure, Safety and Reliability Capital Adjustment and Distribution Revenue**
**Rate Year**

| | | Residential A-16 / A-60 (a) | Small C&I C-06 (b) | General C&I G-02 (c) | 200 kW Demand B-32 / G-32 (d) | 5000 kW Demand B-62 / G-62 (e) | Lighting S-05/S-06 S-10/S-14 (f) | Propulsion X-01 (g) | Total (h) |
|---|---|---|---|---|---|---|---|---|---|
| (1) | Forecasted Base Distribution Rate Year Revenue | $129,194,990 | $25,741,729 | $37,591,530 | $32,417,661 | $5,058,111 | $7,265,840 | $585,296 | $237,855,156 |
| (2) | Annual Target Revenue - Docket No. 4323 | $133,808,673 | $25,523,701 | $37,328,115 | $36,231,646 | $5,740,035 | $11,977,057 | $563,773 | $251,173,000 |
| (3) | Revenue Decoupling Mechanism Adjustment | $4,613,683 | ($218,028) | ($263,415) | $3,813,985 | $681,924 | $4,711,217 | ($21,523) | $13,317,844 |
| (4) | Forecasted Infrastructure, Safety and Reliability Capital Revenue | $8,486,569 | $1,611,260 | $2,408,031 | $2,045,922 | $560,265 | $882,350 | $51,999 | $16,046,396 |
| (5) | Rate Year Infrastructure, Safety and Reliability Capital Target Revenue | $10,286,614 | $1,892,315 | $2,860,920 | $2,694,074 | $678,107 | $1,016,067 | $61,201 | $19,489,298 |
| (6) | Infrastructure, Safety and Reliability Capital Adjustment | $1,800,045 | $281,055 | $452,889 | $648,152 | $117,842 | $133,717 | $9,202 | $3,442,903 |
| (7) | Total Annual Target Revenue | $144,095,287 | $27,416,016 | $40,189,035 | $38,925,720 | $6,418,142 | $12,993,124 | $624,974 | $270,662,298 |
| (8) | Revenue Decoupling / ISR Capital Adjustment - Total Company | | | | | | | | $16,760,747 |
| (9) | Forecasted kWh - Rate Year | 2,946,725,332 | 598,981,304 | 1,290,927,306 | 1,952,809,776 | 420,270,233 | 62,049,950 | 23,962,704 | 7,295,726,605 |
| (10) | Revenue Decoupling / ISR Capital Adjustment - per kWh | | | | | | | | $0.00230 |
| (11) | Rate Class Revenue Decoupling/ISR Capital Adjustment | $6,769,623 | $1,376,062 | $2,965,696 | $4,486,263 | $965,503 | $142,550 | $55,050 | $16,760,747 |
| (12) | Rate Year Rate Class Revenue | $144,451,182 | $28,729,051 | $42,965,257 | $38,949,846 | $6,583,878 | $8,290,740 | $692,345 | $270,662,298 |

(1) Page 2 Column (c) + Page 3 Column (q)
(2) RIPUC Docket No. 4323, Compliance (Book 2) Attachment 3B (Schedule JAL-1), page 1, Line (45)
(3) Line (2) - Line (1)
(4) Page 3 Column (t)
(5) Per Workpaper MAL-12-ELEC
(6) Line (5) - Line (4)
(7) Line (2) + Line (5)
(8) Line (3) + Line (6)
(9) per Company forecast
(10) Line (8) ÷ Line (9)
(11) Line (9) x Line (10)
(12) Line (1) + Line (4) + Line (11)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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**The Narragansett Electric Company d/b/a National Grid**
**Rate Year Billing Determinants at Current Rates**

| Line No. | Rate Class | Description | Includes | Annual Bills/Fixtures (a) | Monthly Customer / Fixture Charge (b) | Customer Charge Revenue (c) | Fixture Revenue (d) | Billing Demand (e) | Demand Charge (f) | Demand Charge Revenue (g) | kWh Deliveries (h) | kWh Charge (i) | kWh Charge Revenue (j) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | A-16 | Residential | A-16,A-60 | 5,284,666 | | $24,237,476 | | | | | 2,946,725,332 | | $104,957,514 |
| (2) | C-06 | Small C&I | C-06,C-08 | 626,592 | | $6,226,298 | | | | | 598,981,304 | | $19,515,431 |
| (3) | G-02 | General C&I | G-02 | 104,935 | | $14,166,287 | | 3,594,077 | | 17,431,271 | 1,290,927,306 | | $6,041,540 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 13,307 | | $10,977,890 | | 2,996,026 | | 10,798,356 | 1,952,809,776 | | $10,759,982 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 156 | | $2,658,482 | | 1,018,663 | | 3,045,803 | 420,270,233 | | $0 |
| (6) | S | Lighting | S-05/06/10/14 | 60,254 | | | $6,461,580 | | | | 62,049,950 | | $804,259 |
| (7) | X-01 | Propulsion | X-01 | 12 | | $201,893 | | | | | 23,962,704 | | $383,403 |
| (8) | | | | | | $58,468,325 | $6,461,580 | 7,608,765 | | 31,275,430 | 7,295,726,605 | | $142,462,130 |
| (9) | A-16 | Residential Basic | | 4,847,495 | $5.00 | $24,237,476 | | | | | 2,723,228,532 | $0.03664 | $99,779,093 |
| (10) | A-60 | Resid. Low Income | | 437,171 | - | $0 | | | | | 223,496,800 | $0.02317 | $5,178,421 |
| (11) | B-32 | C&I Back-up | | 60 | $825.00 | $49,629 | | 126,964 | See below | 182,826 | 13,230,918 | $0.00551 | $72,902 |
| (12) | B-62 | 3000 kW Back-up | | - | $17,000.00 | $0 | | - | See below | - | - | - | $0 |
| (13) | C-06 | Small C&I | | 616,686 | $10.00 | $6,166,861 | | | | | 595,486,038 | See below | $19,385,591 |
| (14) | C-08 | Small C&I Unmetrd | | 9,906 | $6.00 | $59,437 | | | | | 3,495,266 | See below | $129,840 |
| (15) | G-02 | General C&I | | 104,935 | $135.00 | $14,166,287 | | 3,594,077 | $4.85 | 17,431,271 | 1,290,927,306 | $0.00468 | $6,041,540 |
| (16) | G-32 | 200 kW Demand | | 13,246 | $825.00 | $10,928,261 | | 2,869,062 | $3.70 | 10,615,530 | 1,939,578,858 | $0.00551 | $10,687,080 |
| (17) | G-62 | 5000 kW Demand | | 156 | $17,000.00 | $2,658,482 | | 1,018,663 | $2.99 | 3,045,803 | 420,270,233 | - | $0 |
| (18) | S-05 | Customer Owned SL | | | | | | | | | 30,303,659 | $0.02654 | $804,259 |
| (19) | S-06 | Decorative Lighting | | 14 | $450.54 | | $6,308 | | | | 3,451 | | $0 |
| (20) | S-10 | Private Lighting | | 5,124 | $157.93 | | $809,211 | | | | 7,793,834 | - | $0 |
| (21) | S-14 | Streetlighting | | 55,116 | $102.44 | | $5,646,062 | | | | 23,949,006 | - | $0 |
| (22) | X-01 | X-01 | | 12 | $16,500.00 | $201,893 | | | | | 23,962,704 | $0.01600 | $383,403 |
| (23) | | | | | | $58,468,325 | $6,461,580 | 7,608,765 | | 31,275,430 | 7,295,726,605 | | $142,462,130 |
| | | B-32 C&I Back-up | | | | | | | | | | | |
| (24) | | Back-up | | | | | | 95,646.4 | $0.70 | $66,952 | | | |
| (25) | | Supplemental | | | | | | 31,317.2 | $3.70 | $115,874 | | | |
| (26) | | | | | | | | 126,963.6 | | $182,826 | | | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | |
| (27) | | Back-up | | | | | | - | $0.30 | $0 | | | |
| (28) | | Supplemental | | | | | | - | $2.99 | $0 | | | |
| (29) | | | | | | | | - | | $0 | | | |
| | | C-06 Small C&I | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | 595,486,038 | $0.03253 | $19,371,161 |
| (31) | | Over 25 kVA | | | | | | | | | 7,800 | $1.85 | $14,430 |
| (32) | | | | | | | | | | | | | $19,385,591 |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | 3,495,266 | $0.03253 | $113,701 |
| (34) | | Over 25 kVA | | | | | | | | | 8,724 | $1.85 | $16,139 |
| (35) | | | | | | | | | | | | | $129,840 |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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**The Narragansett Electric Company d/b/a National Grid**
**Rate Year Billing Determinants at Current Rates (continued)**

| Line No. | Rate Class | Description | Includes | HVD Billing Units | HVD Credit Revenue | HVM Billing Units | HVM Credit Revenue | Feeder Service Billing Units | Feeder Service Revenue | Distribution kW and kWh Revenue | FY 18 CapEx Charge (kW) | FY 18 CapEx Charge (kWh) | FY 2018 Cap Ex Revenue | Total Distribution Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (k) | (l) | (m) | (n) | (o) | (p) | (q) | (r) | (s) | (t) | (u) |
| (1) | A-16 | Residential | A-16,A-60 | | | | | | | $104,957,514 | | | $8,486,569 | $137,681,559 |
| (2) | C-06 | Small C&I | C-06,C-08 | | | | | | | $19,515,431 | | | $1,611,260 | $27,352,989 |
| (3) | G-02 | General C&I | G-02 | 64,848 | ($28,766) | $37,639,098 | ($18,802) | | | $23,425,242 | | | $2,408,031 | $39,999,561 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 1,392,345 | ($617,634) | $33,349,315 | ($314,020) | 295,668 | $813,087 | $21,439,771 | | | $2,045,922 | $34,463,582 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 893,698 | ($396,438) | $5,704,285 | ($249,736) | | | $2,399,629 | | | $560,265 | $5,618,376 |
| (6) | S | Lighting | S-05/06/10/14 | | | | | | | $7,265,840 | | | $882,350 | $8,148,190 |
| (7) | X-01 | Propulsion | X-01 | | | | | | | $383,403 | | | $51,999 | $637,295 |
| (8) | | | | 2,350,891 | ($1,042,838) | $76,692,698 | ($582,559) | 295,668 | $813,087 | $179,386,831 | | | $16,046,396 | $253,901,551 |
| (9) | A-16 | Residential Basic | | | | | | | | $99,779,093 | | $0.00288 | $7,842,898 | $131,859,467 |
| (10) | A-60 | Resid. Low Income | | | | | | | | $5,178,421 | | $0.00288 | $643,671 | $5,822,092 |
| (11) | B-32 | C&I Back-up | | | $0 | $305,357 | ($5,549) | | | $250,179 | | | $8,887 | $308,696 |
| (12) | B-62 | 3000 kW Back-up | | | $0 | $0 | $0 | | | $0 | | | $0 | $0 |
| (13) | C-06 | Small C&I | | | | | | | | $19,385,591 | | $0.00269 | $1,601,857 | $27,154,310 |
| (14) | C-08 | Small C&I Unmetrd | | | | | | | | $129,840 | | $0.00269 | $9,402 | $198,679 |
| (15) | G-02 | General C&I | | 64,848 | ($28,766) | $37,639,098 | ($18,802) | | | $23,425,242 | $0.67 | | $2,408,031 | $39,999,561 |
| (16) | G-32 | 200 kW Demand | | 1,392,345 | ($617,634) | $33,043,958 | ($308,471) | 295,668 | $813,087 | $21,189,592 | $0.71 | | $2,037,034 | $34,154,887 |
| (17) | G-62 | 5000 kW Demand | | 893,698 | ($396,438) | $5,704,285 | ($249,736) | | | $2,399,629 | $0.55 | | $560,265 | $5,618,376 |
| (18) | S-05 | Customer Owned SL | | | | | | | | $804,259 | | $0.01422 | $430,918 | $1,235,177 |
| (19) | S-06 | Decorative Lighting | | | | | | | | $6,308 | | $0.01422 | $49 | $6,357 |
| (20) | S-10 | Private Lighting | | | | | | | | $809,211 | | $0.01422 | $110,828 | $920,039 |
| (21) | S-14 | Streetlighting | | | | | | | | $5,646,062 | | $0.01422 | $340,555 | $5,986,617 |
| (22) | X-01 | X-01 | | | | | | | | $383,403 | | $0.00217 | $51,999 | $637,295 |
| (23) | | | | 2,350,891 | ($1,042,838) | $76,692,698 | ($582,559) | 295,668 | $813,087 | $179,386,831 | | | $16,046,396 | $253,901,551 |
| | | | | Rate | ($0.44) | | | Rate | $2.75 | | | | | |
| | | B-32 C&I Back-up | | | | | | | | | | | | |
| (24) | | Back-up | | | | | | | | | $0.07 | | $6,695.25 | |
| (25) | | Supplemental | | | | | | | | | $0.07 | | $2,192.20 | |
| (26) | | | | | | | | | | | | | $8,887.45 | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | | |
| (27) | | Back-up | | | | | | | | | $0.06 | | $0.00 | |
| (28) | | Supplemental | | | | | | | | | $0.06 | | $0.00 | |
| (29) | | | | | | | | | | | | | $0.00 | |
| | | C-06 Small C&I | | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | | | | |
| (31) | | Over 25 kVA | | | | | | | | | | | | |
| (32) | | | | | | | | | | | | | | |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | | | | |
| (34) | | Over 25 kVA | | | | | | | | | | | | |
| (35) | | | | | | | | | | | | | | |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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Schedule
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Schedule PP-1-GAS

Development of Narraganset Gas

Rate Year Distribution Revenue

**Narragansett Gas**
**Summary of Billing Determinants and Base Revenue**

| Line No. | Description | Reference | Actual (Jul 16 - Jun 17) | Adjustment | Normal | Proforma Adjustment | Rate Year - Sep 18- Aug 19 | Percent Change Normal | Percent Change Rate Year - Sep 18- Aug 19 |
|---|---|---|---|---|---|---|---|---|---|
| | (a) | | (b) | (c) = (d) - (b) | (d) | (e) = (f) - (d) | (f) | (g) = (c) / (b) | (h) = (e) / (d) |
| | **Firm Throughput (Dt)** | | | | | | | | |
| | Sales Service | | | | | | | | |
| (1) | Residential Non-Heating | | 382,339 | 5,812 | 388,151 | (20,793) | 367,357 | 1.5% | -5.4% |
| (2) | Low Income Residential Non-Heating | | 11,034 | 210 | 11,244 | (1,067) | 10,177 | 1.9% | -9.5% |
| (3) | Residential Heating | | 17,058,837 | 511,788 | 17,570,626 | 179,055 | 17,749,681 | 3.0% | 1.0% |
| (4) | Low Income Residential Heating | | 1,499,283 | 39,498 | 1,538,781 | (112,633) | 1,426,148 | 2.6% | -7.3% |
| (5) | Subtotal Residential Firm Sales | sum[(1):(5)] | 18,951,494 | 557,307 | 19,508,801 | 44,563 | 19,553,364 | 2.9% | 0.2% |
| (6) | Small C&I | | 2,221,913 | 76,100 | 2,298,013 | (9,297) | 2,288,717 | 3.4% | -0.4% |
| (7) | Medium C&I | | 3,129,566 | 77,861 | 3,207,426 | (49,484) | 3,157,942 | 2.5% | -1.5% |
| (8) | Large LLF | | 618,599 | 19,256 | 637,855 | (40,799) | 597,057 | 3.1% | -6.4% |
| (9) | Large HLF | | 236,842 | 1,287 | 238,129 | 33,110 | 271,239 | 0.5% | 13.9% |
| (10) | Extra Large LLF | | 61,928 | 1,857 | 63,786 | (20,905) | 42,881 | 3.0% | -32.8% |
| (11) | Extra Large HLF | | 76,522 | (1,152) | 75,371 | 749 | 76,120 | -1.5% | 1.0% |
| (12) | Subtotal C&I Firm Sales | sum[(6):(11)] | 6,345,371 | 175,210 | 6,520,580 | (86,625) | 6,433,955 | 2.8% | -1.3% |
| (13) | Subtotal Firm Sales | (5) + (12) | 25,296,865 | 732,517 | 26,029,382 | (42,062) | 25,987,320 | 2.9% | -0.2% |
| | Transportation Service | | | | | | | | |
| (14) | Small C&I | | 108,974 | 3,407 | 112,380 | 62,079 | 174,459 | 3.1% | 55.2% |
| (15) | Medium C&I | | 2,350,205 | 55,949 | 2,406,154 | (39,411) | 2,366,743 | 2.4% | -1.6% |
| (16) | Large LLF | | 2,019,583 | 60,204 | 2,079,787 | (40,128) | 2,039,659 | 3.0% | -1.9% |
| (17) | Large HLF | | 869,072 | 8,335 | 877,407 | 161,631 | 1,039,038 | 1.0% | 18.4% |
| (18) | Extra Large LLF | | 1,179,615 | 27,588 | 1,207,203 | (26,950) | 1,180,253 | 2.3% | -2.2% |
| (19) | Extra Large HLF | | 6,293,629 | 19,387 | 6,313,016 | 571,973 | 6,884,989 | 0.3% | 9.1% |
| (20) | Subtotal Firm Transportation | sum[(14):(19)] | 12,821,077 | 174,870 | 12,995,947 | 689,194 | 13,685,141 | 1.4% | 5.3% |
| (19) | **Total Firm Base Quantities (Dt)** | (13) + (20) | 38,117,942 | 907,387 | 39,025,329 | 647,131 | 39,672,460 | 2.4% | 1.7% |

Footnotes:

(1) TEP-2, Pg. 1, Ln 1
(2) TEP-2, Pg. 1, Ln 2
(3) TEP-2, Pg. 1, Ln 3
(4) TEP-2, Pg. 1, Ln 4
(6) TEP-2, Pg. 1, Ln 5
(7) TEP-2, Pg. 1, Ln 7
(8) TEP-2, Pg. 1, Ln 10
(9) TEP-2, Pg. 1, Ln 13
(10) TEP-2, Pg. 1, Ln 16
(11) TEP-2, Pg. 1, Ln 19
(14) TEP-2, Pg. 1, Ln 6
(15) TEP-2, Pg. 1, Ln 8 + TEP-2, Pg. 1, Ln 9
(16) TEP-2, Pg. 1, Ln 11 + TEP-2, Pg. 1, Ln 12
(17) TEP-2, Pg. 1, Ln 14 + TEP-2, Pg. 1, Ln 15
(18) TEP-2, Pg. 1, Ln 17 + TEP-2, Pg. 1, Ln 18
(19) TEP-2, Pg. 1, Ln 20 + TEP-2, Pg. 1, Ln 21

**Narragansett Gas**
**Summary of Billing Determinants and Base Revenue**

| Line No. | Description | Reference | Actual (Jul 16 -Jun 17) | Booking Adj | Actual General Ledger (Jul 16 -Jun 17) | Adjustment | Normal | Proforma Adjustment | Rate Year - Sep 18- Aug 19 | Percent Change Normal | Percent Change Rate Year - Sep 18- Aug 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (a) | | (b) | (c) | (d) | (e) = (f) - (d) | (f) | (g) = (h) - (f) | (h) | (i) = (e) / (b) | (j) = (g) / (f) |
| | **Firm Base Distribution Revenue (net of GET)** | | | | | | | | | | |
| | Sales Service | | | | | | | | | | |
| (1) | Residential Non-Heating | | $4,668,318 | ($26,299) | $4,642,019 | $51,788 | $4,693,807 | ($462,543) | $4,231,264 | 1.1% | -9.9% |
| (2) | Low Income Residential Non-Heating | | $77,964 | $988 | $78,952 | ($162) | $78,790 | ($9,462) | $69,328 | -0.2% | -12.0% |
| (3) | Residential Heating | | $104,614,202 | ($247,807) | $104,366,395 | $1,718,749 | $106,085,144 | $2,394,326 | $108,479,470 | 1.6% | 2.3% |
| (4) | Low Income Residential Heating | | $8,435,594 | $17,042 | $8,452,636 | $44,071 | $8,496,707 | ($530,980) | $7,965,727 | 0.5% | -6.2% |
| (5) | Subtotal Residential Firm Sales | sum[(1):(4)] | $117,796,078 | ($256,076) | $117,540,002 | $1,814,446 | $119,354,448 | $1,391,341 | $120,745,789 | 1.5% | 1.2% |
| (6) | Small C&I | | $13,138,834 | ($13,830) | $13,125,004 | $146,598 | $13,271,602 | ($2,128) | $13,269,474 | 1.1% | 0.0% |
| (7) | Medium C&I | | $11,590,548 | $96,812 | $11,687,360 | $48,398 | $11,735,758 | $102,521 | $11,838,279 | 0.4% | 0.9% |
| (8) | Large LLF | | $2,048,389 | $25,494 | $2,073,883 | $7,761 | $2,081,644 | ($105,512) | $1,976,132 | 0.4% | -5.1% |
| (9) | Large HLF | | $556,356 | ($632) | $555,724 | $1,926 | $557,650 | ($57,123) | $500,527 | 0.3% | -10.2% |
| (10) | Extra Large LLF | | $116,057 | $802 | $116,859 | ($195) | $116,664 | ($25,568) | $91,096 | -0.2% | -21.9% |
| (11) | Extra Large HLF | | $166,251 | $25,137 | $191,388 | ($25,432) | $165,956 | ($9,923) | $156,033 | -15.3% | -6.0% |
| (12) | Subtotal C&I Firm Sales | sum[(6):(11)] | $27,616,435 | $133,783 | $27,750,218 | $179,056 | $27,929,274 | ($97,733) | $27,831,541 | 0.6% | -0.3% |
| (13) | Subtotal Firm Sales | (5) + (12) | $145,412,513 | ($122,292) | $145,290,221 | $1,993,501 | $147,283,722 | $1,293,608 | $148,577,330 | 1.4% | 0.9% |
| | Transportation Service | | | | | | | | | | |
| (14) | Small C&I | | $531,564 | ($52,026) | $479,538 | $57,503 | $537,041 | $284,672 | $821,713 | 10.8% | 53.0% |
| (15) | Medium C&I | | $8,086,768 | ($25,467) | $8,061,301 | $129,810 | $8,191,111 | $74,257 | $8,265,368 | 1.6% | 0.9% |
| (16) | Large LLF | | $6,335,339 | ($4,348) | $6,330,991 | $108,321 | $6,439,312 | ($64,653) | $6,374,659 | 1.7% | -1.0% |
| (17) | Large HLF | | $1,992,603 | ($2,918) | $1,989,685 | $11,311 | $2,000,996 | $254,785 | $2,255,781 | 0.6% | 12.7% |
| (18) | Extra Large LLF | | $1,654,176 | ($21,181) | $1,632,995 | $30,230 | $1,663,225 | ($59,300) | $1,603,925 | 1.8% | -3.6% |
| (19) | Extra Large HLF | | $6,735,356 | ($55,784) | $6,679,572 | $60,745 | $6,740,317 | $172,596 | $6,912,913 | 0.9% | 2.6% |
| (20) | Subtotal Firm Transportation | sum[(14):(19)] | $25,335,806 | ($161,724) | $25,174,082 | $397,920 | $25,572,002 | $662,357 | $26,234,359 | 1.6% | 2.6% |
| | Miscellaneous Services | | | | | | | | | | |
| (21) | Gas Lights | | $22,148 | | $22,148 | $0 | $22,148 | $0 | $22,148 | 0.0% | 0.0% |
| (22) | Dominion Power | | $224,996 | | $224,996 | $0 | $224,996 | $0 | $224,996 | 0.0% | 0.0% |
| (23) | Subtotal Miscellaneous | sum[(21):(22)] | $247,144 | $0 | $247,144 | $0 | $247,144 | $0 | $247,144 | 0.0% | 0.0% |
| (24) | Subtotal Firm Base Revenue (net of GET) | (13) + (20) + (23) | $170,995,463 | ($284,017) | $170,711,446 | $2,391,422 | $173,102,868 | $1,955,965 | $175,058,833 | 1.4% | 1.1% |
| (25) | Non-Firm Margin | | $2,466,036 | | $2,466,036 | ($1,077,919) | $1,388,117 | | $1,388,117 | -43.7% | 0.0% |
| (26) | NET Base Revenue | (24) + (25) | $173,461,499 | ($284,017) | $173,177,483 | $1,313,502 | $174,490,985 | $1,955,965 | $176,446,950 | 0.8% | 1.1% |
| (27) | Miscellaneous Fees | | ($1,143) | | ($1,143) | $556,663 | $555,520 | $198,470 | $753,990 | | |
| (28) | Rent Expense | | $248,262 | | $248,262 | $0 | $248,262 | $0 | $248,262 | | |
| (29) | Other Miscellaneous Adj | | ($51,583) | | ($51,583) | ($92,848) | ($144,431) | $0 | ($144,431) | | |
| (30) | Non Utility Billing | | $0 | | $0 | $937,241 | $937,241 | $0 | $937,241 | | |
| (31) | AFUDC/Equity | | $0 | | | ($23,725) | ($23,725) | | ($23,725) | | |
| (32) | Rate Year RDM Adjustment | | $1,332,052 | | $1,332,052 | $0 | $1,332,052 | ($3,916,702) | ($2,584,650) | | |
| (33) | ISR FY16 Recon FY 17 | | $24,428,803 | | $24,428,803 | ($24,428,803) | $0 | $38,889,954 | $38,889,954 | | |
| | **Other Billed Revenues** | | | | | | | | | | |
| (34) | GCR, DAC, & EE Revenue | | $182,457,527 | | $182,457,527 | ($182,457,527) | $0 | $0 | $0 | | |
| (35) | GET Revenue | | $10,722,138 | | $10,722,138 | ($10,722,138) | $0 | $0 | $0 | | |
| (36) | Settlement Agreement DK 4323 Article III. B.4. | | ($322,761) | | ($322,761) | $322,761 | $0 | $0 | $0 | | |
| (37) | On System Margin Adj | | ($63,674) | | ($63,674) | $63,674 | $0 | $0 | $0 | | |
| (38) | Off System Sales | | $10,540,373 | | $10,540,373 | ($10,540,373) | $0 | $0 | $0 | | |
| (39) | EE Shareholder Incentive | | $1,541,775 | | $1,541,775 | ($1,541,775) | $0 | $0 | $0 | | |
| (40) | NGPMP Shareholder Incentive | | $904,843 | | $904,843 | ($904,843) | $0 | $0 | $0 | | |
| (41) | Other Accounting Adjustments | | ($27,755,868) | | ($27,755,868) | $27,755,868 | $0 | $0 | $0 | | |
| (42) | Sub-Total | sum[(27):(41)] | $203,980,743 | $0 | $203,980,743 | ($201,075,825) | $2,904,918 | $35,171,722 | $38,076,640 | | |
| (43) | **Total** | (26) + (42) | $377,442,242 | ($284,017) | $377,158,225 | ($199,762,323) | $177,395,903 | $37,127,687 | $214,523,590 | | |

Footnotes:

Ln (1)-(20) Col (b) Workpaper PP-1(a)-GAS, Pg. 1, Col (m)
Ln (1)-(20) Col (f) Workpaper PP-1(a)-GAS, Pg. 12, Col (m)
Ln (1)-(20) Col (h) Workpaper PP-1(a)-GAS, Pg. 23, Col (m)
Ln (25) Col (e) Commodity cost for Non-Firm Customers

Ln (27) Col (e) Reallocation of fees from FERC Acct 908 and 419 and Narragansett Electric
Ln (27) Col (g) Schedule PP-3(a) Pg 1 Ln 12 +Schedule PP-3(c) Pg.1 Ln 28
Ln (30) Col (e) Non Utility Billing reallocated from Narragansett Electric
Ln (31) Col (e) Reallocation of AFUDC from FERC Acct 419

**Narragansett Gas**
**Summary of Firm Base Revenue By Rate Element**
**(Net of Gross Earnings Tax)**

| Line No. | Description | Reference | Test Year | Weather Adjustment | Weather Normalized | Proforma Adjustment | Rate Year - Sep 18- Aug 19 |
|---|---|---|---|---|---|---|---|
| | (a) | | (b) | (c) = (d) - (b) | (d) | (e) = (f) - (d) | (f) |
| | Residential Non-Heat | | | | | | |
| (1) | Customer Charge | | $2,991,378 | $0 | $2,991,378 | ($371,345) | $2,620,033 |
| (2) | Variable Distribution | | $1,676,940 | $25,489 | $1,702,429 | ($91,198) | $1,611,231 |
| (3) | sub-total | (1) + (2) | $4,668,318 | $25,489 | $4,693,807 | ($462,543) | $4,231,264 |
| | Low Income Residential Non-Heat | | | | | | |
| (4) | Customer Charge | | $34,410 | $0 | $34,410 | ($5,253) | $29,157 |
| (5) | Variable Distribution | | $43,554 | $826 | $44,380 | ($4,209) | $40,171 |
| (6) | sub-total | (4) + (5) | $77,964 | $826 | $78,790 | ($9,462) | $69,328 |
| | Residential Heating | | | | | | |
| (7) | Customer Charge | | $31,612,165 | $0 | $31,612,165 | $1,151,514 | $32,763,679 |
| (8) | Variable Distribution | | $73,002,037 | $1,470,942 | $74,472,979 | $1,242,812 | $75,715,791 |
| (9) | sub-total | (7) + (8) | $104,614,202 | $1,470,942 | $106,085,144 | $2,394,326 | $108,479,470 |
| | Low Income Residential Heating | | | | | | |
| (10) | Customer Charge | | $2,551,912 | $0 | $2,551,912 | ($154,569) | $2,397,343 |
| (11) | Variable Distribution | | $5,883,682 | $61,113 | $5,944,795 | ($376,411) | $5,568,384 |
| (12) | sub-total | (10) + (11) | $8,435,594 | $61,113 | $8,496,707 | ($530,980) | $7,965,727 |
| | Small C&I | | | | | | |
| (13) | Customer Charge | | $5,033,732 | $0 | $5,033,732 | $55,242 | $5,088,974 |
| (14) | Variable Distribution | | $8,636,667 | $138,243 | $8,774,910 | $227,306 | $9,002,216 |
| (15) | sub-total | (13) + (14) | $13,670,399 | $138,243 | $13,808,642 | $282,548 | $14,091,190 |
| | Medium C&I | | | | | | |
| (16) | Customer Charge | | $4,210,290 | $0 | $4,210,290 | $158,690 | $4,368,980 |
| (17) | Variable Distribution | | $10,219,771 | $249,556 | $10,469,327 | ($165,789) | $10,303,538 |
| (18) | Demand Charge | | $5,247,256 | $0 | $5,247,256 | $183,873 | $5,431,129 |
| (19) | sub-total | sum[(16):(18)] | $19,677,317 | $249,556 | $19,926,873 | $176,774 | $20,103,647 |
| | Large Low Load C&I | | | | | | |
| (20) | Customer Charge | | $963,900 | $0 | $963,900 | ($6,125) | $957,775 |
| (21) | Variable Distribution | | $4,556,140 | $137,228 | $4,693,368 | ($139,761) | $4,553,607 |
| (22) | Demand Charge | | $2,863,688 | $0 | $2,863,688 | ($24,276) | $2,839,412 |
| (23) | sub-total | sum[(20):(22)] | $8,383,728 | $137,228 | $8,520,956 | ($170,162) | $8,350,794 |
| | | | $8,383,728 | | $8,520,956 | | $8,350,791 |
| | Large High Load C&I | | | | | | |
| (24) | Customer Charge | | $390,775 | $0 | $390,775 | $35,525 | $426,300 |
| (25) | Variable Distribution | | $1,113,656 | $9,688 | $1,123,344 | $196,106 | $1,319,450 |
| (26) | Demand Charge | | $1,044,530 | $0 | $1,044,530 | ($33,973) | $1,010,557 |
| (27) | sub-total | sum[(24):(26)] | $2,548,961 | $9,688 | $2 | $197,658 | $2,756,307 |
| | Extra Large Low Load C&I | | | | | | |
| (28) | Customer Charge | | $184,875 | $0 | $184,875 | ($11,475) | $173,400 |
| (29) | Variable Distribution | | $407,226 | $9,661 | $416,887 | ($15,700) | $401,187 |
| (30) | Demand Charge | | $1,178,136 | $0 | $1,178,136 | ($57,705) | $1,120,431 |
| (31) | sub-total | sum[(28):(30)] | $1,770,237 | $9,661 | $1,779,898 | ($84,880) | $1,695,018 |
| | Extra Large High Load C&I | | | | | | |
| (32) | Customer Charge | | $472,175 | $0 | $472,175 | $2,125 | $474,300 |
| (33) | Variable Distribution | | $1,630,758 | $4,668 | $1,635,426 | $146,615 | $1,782,041 |
| (34) | Demand Charge | | $4,798,671 | $0 | $4,798,671 | $13,928 | $4,812,599 |
| (35) | sub-total | sum[(32):(34)] | $6,901,604 | $4,668 | $6,906,272 | $162,668 | $7,068,940 |
| | **TOTAL FIRM SALES AND TRANSPORTATION** | | | | | | |
| (36) | Customer Charge | sum[(1),(4),(7),(10),(13),(16),(20),(24),(28),(32)] | $48,445,612 | $0 | $48,445,612 | $854,329 | $49,299,941 |
| (37) | Variable Distribution | sum[(2),(5),(8),(11),(14),(17),(21),(25),(29),(33)] | $107,170,431 | $2,107,414 | $109,277,845 | $1,019,771 | $110,297,616 |
| (38) | Demand Charge | (18)+(22)+(26)+(30)+(34) | $15,132,281 | $0 | $15,132,281 | $81,847 | $15,214,128 |
| (39) | TOTAL | sum[(36):(38)] | $170,748,324 | $2,107,414 | $172,855,738 | $1,955,947 | $174,811,685 |

Footnotes:

| | |
|---|---|
| Col (b), Lines (1),(4),(7),(10),(13),(16),(20),(24),(28),(32): | Workpaper PP-1(a)-GAS, Pg. 4, Col (m) |
| Col (b), Lines (2),(5),(8),(11),(14),(17),(21),(25),(29),(33): | Workpaper PP-1(a)-GAS, Pg. 8, Col (m) |
| Col (b), Lines (18),(22),(26),(30),(34): | Workpaper PP-1(a)-GAS, Pg. 11, Col (m) |
| Col (d), Lines (1),(4),(7),(10),(13),(16),(20),(24),(28),(32): | Workpaper PP-1(a)-GAS, Pg. 15, Col (m) |
| Col (d), Lines (2),(5),(8),(11),(14),(17),(21),(25),(29),(33): | Workpaper PP-1(a)-GAS, Pg. 19, Col (m) |
| Col (d), Lines (18),(22),(26),(30),(34): | Workpaper PP-1(a)-GAS, Pg. 22, Col (m) |
| Col (f), Lines (1),(4),(7),(10),(13),(16),(20),(24),(28),(32): | Workpaper PP-1(a)-GAS, Pg. 26, Col (m) |
| Col (f), Lines (2),(5),(8),(11),(14),(17),(21),(25),(29),(33): | Workpaper PP-1(a)-GAS, Pg. 30, Col (m) |
| Col (f), Lines (18),(22),(26),(30),(34): | Workpaper PP-1(a)-GAS, Pg. 33, Col (m) |

**Narragansett Gas**
**Calculation of Revenue Decoupling Adjustment**

| Line No. | Description | |
|---|---|---|
| (1) | Residential Non-Heat (incl Low Income) | $345,064 |
| (2) | Residential Heat (incl Low Income) | ($4,273,819) |
| (3) | Small C&I | $40,682 |
| (4) | Medium C&I | $1,303,423 |
| (5) | Net Over Recovery of Target Recovery | ($2,584,650) |
| (6) | Test Year RDM Adjustment | $1,332,052 |
| (7) | Rate Year RDM Adjustment | ($3,916,702) |

Footnotes:
(1) Page 2, Column (l), Line (36)
(2) Page 3, Column (l), Line (72)
(3) Page 4, Column (l), Line (84)
(4) Page 4, Column (l), Line (96)
(5) Sum [Line (1) : Line (4)]
(6) Schedule MAL-2-GAS, Page 1, Col (a), Line 35
(7) Line (5) - Line (6)

**Narragansett Gas**
**Calculation of Revenue Decoupling Adjustment**

| Line No. | Description | Reference | Sep-18 30 (a) | Oct-18 31 (b) | Nov-18 30 (c) | Dec-18 31 (d) | Jan-19 31 (e) | Feb-19 28 (f) | Mar-19 31 (g) | Apr-19 30 (h) | May-19 31 (i) | Jun-19 30 (j) | Jul-19 31 (k) | Aug-19 31 (l) | TOTAL 365 (m)= Sum[(a) : (l)] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Residential Non-Heat** | | | | | | | | | | | | | | |
| (1) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (8) | $18.94 | $19.59 | $21.47 | $24.88 | $27.83 | $28.16 | $27.46 | $25.12 | $21.96 | $20.18 | $19.39 | $18.63 | |
| (2) | Beginning Balance Under/(Over) Recovery | Prior Month Line (12) | $0 | $36,603 | $72,732 | $111,264 | $154,174 | $207,922 | $273,068 | $251,568 | $250,694 | $266,961 | $294,980 | $333,339 | |
| (3) | Adjusted Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (1) | 17,100 | 17,083 | 17,042 | 16,994 | 16,921 | 16,825 | 16,750 | 16,654 | 16,604 | 16,556 | 16,519 | 16,493 | |
| (4) | Adjusted Actual Base Revenue | Workpaper PP-1(a)-GAS, Pg.23, Line (1) | $287,259 | $298,510 | $327,360 | $379,926 | $417,192 | $408,681 | $481,387 | $419,176 | $348,282 | $306,139 | $281,954 | $275,398 | |
| (5) | Actual Base Revenue Per Customer | Line (4) ÷ Line (3) | $16.80 | $17.47 | $19.21 | $22.36 | $24.66 | $24.29 | $28.74 | $25.17 | $20.98 | $18.49 | $17.07 | $16.70 | |
| (6) | RPC Variance (Benchmark- Actual) | Line (1) - Line (5) | $2.14 | $2.11 | $2.26 | $2.53 | $3.18 | $3.87 | ($1.28) | ($0.05) | $0.98 | $1.69 | $2.32 | $1.93 | |
| (7) | Monthly Under/(Over) Recovery of RPC | Line (3) x Line (6) | $36,603 | $36,128 | $38,532 | $42,910 | $53,748 | $65,146 | ($21,500) | ($874) | $16,267 | $28,019 | $38,359 | $31,839 | $365,178 |
| (8) | Preliminary Ending Balance | Line (2) + Line (7) | $36,603 | $72,732 | $111,264 | $154,174 | $207,922 | $273,068 | $251,568 | $250,694 | $266,961 | $294,980 | $333,339 | $365,178 | |
| (9) | Average Balance | [Line (2) + Line (8)] ÷ 2 | $18,302 | $54,667 | $91,998 | $132,719 | $181,048 | $240,495 | $262,318 | $251,131 | $258,828 | $280,971 | $314,160 | $349,259 | |
| (10) | Bk America Rate less 200 Basis Points | | | | | | | | | | | | | | |
| (11) | Interest Applied | [Line (9) x Line (10)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (12) | Ending Balance Under/(Over) Recovery | Line (8) + Line (11) | $36,603 | $72,732 | $111,264 | $154,174 | $207,922 | $273,068 | $251,568 | $250,694 | $266,961 | $294,980 | $333,339 | $365,178 | $2,618,485 |
| | **Residential Non-Heat Low Income** | | | | | | | | | | | | | | |
| (13) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (8) | $18.94 | $19.59 | $21.47 | $24.88 | $27.83 | $28.16 | $27.46 | $25.12 | $21.96 | $20.18 | $19.39 | $18.63 | |
| (14) | Beginning Balance Under/(Over) Recovery | Prior Month Line (24) | $0 | $177 | $224 | ($841) | ($3,792) | ($7,641) | ($10,591) | ($14,867) | ($18,508) | ($20,336) | ($20,560) | ($20,309) | |
| (15) | Adjusted Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (2) | 223 | 231 | 231 | 231 | 223 | 209 | 202 | 188 | 187 | 186 | 188 | 193 | |
| (16) | Adjusted Actual Base Revenue | Workpaper PP-1(a)-GAS, pg.23, Line (2) ÷ 0.9 | $4,047 | $4,478 | $6,024 | $8,699 | $10,056 | $8,836 | $9,822 | $8,363 | $5,933 | $3,978 | $3,394 | $3,401 | |
| (17) | Actual Base Revenue Per Customer | Line (16) ÷ Line (15) | $18.15 | $19.38 | $26.08 | $37.66 | $45.09 | $42.28 | $48.62 | $44.49 | $31.73 | $21.39 | $18.06 | $17.62 | |
| (18) | RPC Variance (Benchmark- Actual) | Line (13) - Line (17) | $0.79 | $0.20 | ($4.61) | ($12.78) | ($17.26) | ($14.11) | ($21.17) | ($19.37) | ($9.77) | ($1.20) | $1.34 | $1.01 | |
| (19) | Monthly Under/(Over) Recovery of RPC | Line (15) x Line (18) | $177 | $47 | ($1,065) | ($2,951) | ($3,849) | ($2,950) | ($4,276) | ($3,641) | ($1,828) | ($224) | $251 | $194 | ($20,114) |
| (20) | Preliminary Ending Balance | Line (14) + Line (19) | $177 | $224 | ($841) | ($3,792) | ($7,641) | ($10,591) | ($14,867) | ($18,508) | ($20,336) | ($20,560) | ($20,309) | ($20,114) | |
| (21) | Average Balance | [Line (14) + Line (20)] ÷ 2 | $88 | $200 | ($308) | ($2,316) | ($5,717) | ($9,116) | ($12,729) | ($16,688) | ($19,422) | ($20,448) | ($20,434) | ($20,211) | |
| (22) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (23) | Interest Applied | [Line (21) x Line (22)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (24) | Ending Balance Under/(Over) Recovery | Line (20) + Line (23) | $177 | $224 | ($841) | ($3,792) | ($7,641) | ($10,591) | ($14,867) | ($18,508) | ($20,336) | ($20,560) | ($20,309) | ($20,114) | ($137,158) |
| | **Residential Non-Heat (incl Low Income)** | | | | | | | | | | | | | | |
| (25) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (8) | $18.94 | $19.59 | $21.47 | $24.88 | $27.83 | $28.16 | $27.46 | $25.12 | $21.96 | $20.18 | $19.39 | $18.63 | |
| (26) | Beginning Balance Under/(Over) Recovery | Prior Month Line (36) | $0 | $36,780 | $72,956 | $110,423 | $150,382 | $200,281 | $262,477 | $236,701 | $232,186 | $246,625 | $274,421 | $313,031 | |
| (27) | Adjusted Number of Customers | Line (3) + Line (15) | 17,323 | 17,314 | 17,273 | 17,225 | 17,144 | 17,034 | 16,952 | 16,842 | 16,791 | 16,742 | 16,707 | 16,686 | |
| (28) | Adjusted Actual Base Revenue | Line (4) + Line (16) | $291,306 | $302,988 | $333,384 | $388,625 | $427,248 | $417,517 | $491,209 | $427,539 | $354,215 | $310,117 | $285,348 | $278,799 | |
| (29) | Actual Base Revenue Per Customer | Line (28) / Line (27) | $16.82 | $17.50 | $19.30 | $22.56 | $24.92 | $24.51 | $28.98 | $25.39 | $21.10 | $18.52 | $17.08 | $16.71 | |
| (30) | RPC Variance (Benchmark- Actual) | Line (25) - Line (29) | $2.12 | $2.09 | $2.17 | $2.32 | $2.91 | $3.65 | ($1.52) | ($0.27) | $0.86 | $1.66 | $2.31 | $1.92 | |
| (31) | Monthly Under/(Over) Recovery of RPC | Line (27) x Line (30) | $36,780 | $36,175 | $37,467 | $39,959 | $49,899 | $62,196 | ($25,776) | ($4,515) | $14,439 | $27,795 | $38,610 | $32,033 | $345,064 |
| (32) | Preliminary Ending Balance | Line (26) + Line (31) | $36,780 | $72,956 | $110,423 | $150,382 | $200,281 | $262,477 | $236,701 | $232,186 | $246,625 | $274,421 | $313,031 | $345,064 | |
| (33) | Average Balance | [Line (26) + Line (32)] ÷ 2 | $18,390 | $54,868 | $91,689 | $130,402 | $175,332 | $231,379 | $249,589 | $234,444 | $239,406 | $260,523 | $293,726 | $329,047 | |
| (34) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (35) | Interest Applied | [Line (33) x Line (34)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (36) | Ending Balance Under/(Over) Recovery | Line (32) + Line (35) | $36,780 | $72,956 | $110,423 | $150,382 | $200,281 | $262,477 | $236,701 | $232,186 | $246,625 | $274,421 | $313,031 | $345,064 | $2,481,328 |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
Schedule PP-1(c)-GAS
Page 2 of 5

**Narragansett Gas**
**Calculation of Revenue Decoupling Adjustment**

| Line No. | Description | Reference | Sep-18 30 (a) | Oct-18 31 (b) | Nov-18 30 (c) | Dec-18 31 (d) | Jan-19 31 (e) | Feb-19 28 (f) | Mar-19 31 (g) | Apr-19 30 (h) | May-19 31 (i) | Jun-19 30 (j) | Jul-19 31 (k) | Aug-19 31 (l) | TOTAL 365 (m)= Sum[(a) : (l)] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Residential Heating** | | | | | | | | | | | | | | |
| (37) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (16) | $20.69 | $22.43 | $33.41 | $54.46 | $69.95 | $73.79 | $68.59 | $52.93 | $34.33 | $24.38 | $21.60 | $20.37 | |
| (38) | Beginning Balance Under/(Over) Recovery | Prior Month Line (48) | $0 | ($195,629) | ($430,034) | ($984,413) | ($1,722,447) | ($2,386,943) | ($3,147,313) | ($3,504,440) | ($3,753,398) | ($3,728,846) | ($3,801,518) | ($3,772,055) | |
| (39) | Adjusted Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (3) | 206,486 | 206,552 | 207,083 | 208,202 | 209,861 | 211,383 | 212,349 | 212,695 | 212,417 | 211,859 | 211,065 | 210,331 | |
| (40) | Adjusted Actual Base Revenue | Workpaper PP-1(a)-GAS, Pg.23, Line (3) | $4,467,395 | $4,867,849 | $7,473,986 | $12,076,039 | $15,344,847 | $16,357,486 | $14,921,173 | $11,507,918 | $7,267,412 | $5,236,805 | $4,529,124 | $4,429,436 | |
| (41) | Actual Base Revenue Per Customer | Line (40) ÷ Line (39) | $21.64 | $23.57 | $36.09 | $58.00 | $73.12 | $77.38 | $70.27 | $54.11 | $34.21 | $24.72 | $21.46 | $21.06 | |
| (42) | RPC Variance (Benchmark- Actual) | Line (37) - Line (41) | ($0.95) | ($1.13) | ($2.68) | ($3.54) | ($3.17) | ($3.60) | ($1.68) | ($1.17) | $0.12 | ($0.34) | $0.14 | ($0.68) | |
| (43) | Monthly Under/(Over) Recovery of RPC | Line (39) x Line (42) | ($195,629) | ($234,404) | ($554,379) | ($738,034) | ($664,496) | ($760,370) | ($357,127) | ($248,958) | $24,553 | ($72,672) | $29,463 | ($144,049) | ($3,916,104) |
| (44) | Preliminary Ending Balance | Line (38) + Line (43) | ($195,629) | ($430,034) | ($984,413) | ($1,722,447) | ($2,386,943) | ($3,147,313) | ($3,504,440) | ($3,753,398) | ($3,728,846) | ($3,801,518) | ($3,772,055) | ($3,916,104) | |
| (45) | Average Balance | [Line (38) + Line (44)] ÷ 2 | ($97,815) | ($312,832) | ($707,223) | ($1,353,430) | ($2,054,695) | ($2,767,128) | ($3,325,876) | ($3,628,919) | ($3,741,122) | ($3,765,182) | ($3,786,786) | ($3,844,079) | |
| (46) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (47) | Interest Applied | [Line (45) x Line (46)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (48) | Ending Balance Under/(Over) Recovery | Line (44) + Line (47) | ($195,629) | ($430,034) | ($984,413) | ($1,722,447) | ($2,386,943) | ($3,147,313) | ($3,504,440) | ($3,753,398) | ($3,728,846) | ($3,801,518) | ($3,772,055) | ($3,916,104) | ($31,343,139) |
| | **Residential Heating - Low Income** | | | | | | | | | | | | | | |
| (49) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (16) | $20.69 | $22.43 | $33.41 | $54.46 | $69.95 | $73.79 | $68.59 | $52.93 | $34.33 | $24.38 | $21.60 | $20.37 | |
| (50) | Beginning Balance Under/(Over) Recovery | Prior Month Line (60) | $0 | ($32,706) | ($58,299) | ($104,185) | ($183,579) | ($223,988) | ($268,661) | ($302,172) | ($331,466) | ($325,943) | ($334,104) | ($339,692) | |
| (51) | Adjusted Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (4) | 17,355 | 17,477 | 17,484 | 17,458 | 17,320 | 17,086 | 16,954 | 16,728 | 16,715 | 16,712 | 16,760 | 16,852 | |
| (52) | Adjusted Actual Base Revenue | Workpaper PP-1(a)-GAS, pg.23, Line (4) ÷ 0.9 | $391,744 | $417,643 | $630,108 | $1,030,100 | $1,251,990 | $1,305,382 | $1,196,308 | $914,787 | $568,279 | $415,521 | $367,571 | $361,374 | |
| (53) | Actual Base Revenue Per Customer | Line (52) ÷ Line (51) | $22.57 | $23.90 | $36.04 | $59.00 | $72.29 | $76.40 | $70.56 | $54.69 | $34.00 | $24.86 | $21.93 | $21.44 | |
| (54) | RPC Variance (Benchmark- Actual) | Line (49) - Line (53) | ($1.88) | ($1.46) | ($2.62) | ($4.55) | ($2.33) | ($2.61) | ($1.98) | ($1.75) | $0.33 | ($0.49) | ($0.33) | ($1.07) | |
| (55) | Monthly Under/(Over) Recovery of RPC | Line (51) x Line (54) | ($32,706) | ($25,593) | ($45,886) | ($79,394) | ($40,409) | ($44,674) | ($33,511) | ($29,294) | $5,523 | ($8,161) | ($5,588) | ($18,024) | ($357,716) |
| (56) | Preliminary Ending Balance | Line (50) + Line (55) | ($32,706) | ($58,299) | ($104,185) | ($183,579) | ($223,988) | ($268,661) | ($302,172) | ($331,466) | ($325,943) | ($334,104) | ($339,692) | ($357,716) | |
| (57) | Average Balance | [Line (50) + Line (56)] ÷ 2 | ($16,353) | ($45,502) | ($81,242) | ($143,882) | ($203,783) | ($246,324) | ($285,417) | ($316,819) | ($328,704) | ($330,024) | ($336,898) | ($348,704) | |
| (58) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (59) | Interest Applied | [Line (57) x Line (58)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (60) | Ending Balance Under/(Over) Recovery | Line (56) + Line (59) | ($32,706) | ($58,299) | ($104,185) | ($183,579) | ($223,988) | ($268,661) | ($302,172) | ($331,466) | ($325,943) | ($334,104) | ($339,692) | ($357,716) | ($2,862,510) |
| | **Residential Heat (incl Low Income)** | | | | | | | | | | | | | | |
| (61) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (16) | $20.69 | $22.43 | $33.41 | $54.46 | $69.95 | $73.79 | $68.59 | $52.93 | $34.33 | $24.38 | $21.60 | $20.37 | |
| (62) | Beginning Balance Under/(Over) Recovery | Prior Month Line (72) | $0 | ($228,335) | ($488,333) | ($1,088,598) | ($1,906,026) | ($2,610,930) | ($3,415,974) | ($3,806,612) | ($4,084,864) | ($4,054,789) | ($4,135,622) | ($4,111,747) | |
| (63) | Adjusted Number of Customers | Line (39) + Line (51) | 223,841 | 224,029 | 224,567 | 225,660 | 227,181 | 228,469 | 229,303 | 229,423 | 229,132 | 228,571 | 227,825 | 227,183 | |
| (64) | Adjusted Actual Base Revenue | Line (40) + Line (52) | $4,859,139 | $5,285,492 | $8,104,094 | $13,106,139 | $16,596,837 | $17,662,868 | $16,117,481 | $12,422,705 | $7,835,691 | $5,652,326 | $4,896,695 | $4,790,810 | |
| (65) | Actual Base Revenue Per Customer | Line (64) ÷ Line (63) | $21.71 | $23.59 | $36.09 | $58.08 | $73.06 | $77.31 | $70.29 | $54.15 | $34.20 | $24.73 | $21.49 | $21.09 | |
| (66) | RPC Variance (Benchmark- Actual) | Line (61) - Line (65) | ($1.02) | ($1.16) | ($2.67) | ($3.62) | ($3.10) | ($3.52) | ($1.70) | ($1.21) | $0.13 | ($0.35) | $0.10 | ($0.71) | |
| (67) | Monthly Under/(Over) Recovery of RPC | Line (63) x Line (66) | ($228,335) | ($259,998) | ($600,265) | ($817,428) | ($704,904) | ($805,044) | ($390,638) | ($278,252) | $30,075 | ($80,833) | $23,875 | ($162,073) | ($4,273,819) |
| (68) | Preliminary Ending Balance | Line (62) + Line (67) | ($228,335) | ($488,333) | ($1,088,598) | ($1,906,026) | ($2,610,930) | ($3,415,974) | ($3,806,612) | ($4,084,864) | ($4,054,789) | ($4,135,622) | ($4,111,747) | ($4,273,819) | |
| (69) | Average Balance | [Line (62) + Line (68)] ÷ 2 | ($114,168) | ($358,334) | ($788,465) | ($1,497,312) | ($2,258,478) | ($3,013,452) | ($3,611,293) | ($3,945,738) | ($4,069,826) | ($4,095,205) | ($4,123,684) | ($4,192,783) | |
| (70) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (71) | Interest Applied | (Line (69) x Line (70) ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (72) | Ending Balance Under/(Over) Recovery | Line (68) + Line (71) | ($228,335) | ($488,333) | ($1,088,598) | ($1,906,026) | ($2,610,930) | ($3,415,974) | ($3,806,612) | ($4,084,864) | ($4,054,789) | ($4,135,622) | ($4,111,747) | ($4,273,819) | ($34,205,649) |

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**Narragansett Gas**
**Calculation of Revenue Decoupling Adjustment**

| Line No. | Description | Reference | Sep-18 30 (a) | Oct-18 31 (b) | Nov-18 30 (c) | Dec-18 31 (d) | Jan-19 31 (e) | Feb-19 28 (f) | Mar-19 31 (g) | Apr-19 30 (h) | May-19 31 (i) | Jun-19 30 (j) | Jul-19 31 (k) | Aug-19 31 (l) | TOTAL 365 (m)= Sum[(a) : (l)] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Small C&I** | | | | | | | | | | | | | | |
| (73) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (20) | $29.40 | $32.02 | $46.85 | $78.12 | $116.16 | $101.17 | $104.13 | $77.93 | $50.14 | $33.47 | $31.72 | $29.56 | |
| (74) | Beginning Balance Under/(Over) Recovery | Prior Month Line (84) | $0 | ($16,577) | ($21,405) | ($55,179) | ($204,125) | $53,943 | ($56,122) | $11,101 | ($35,655) | $41,358 | $11,441 | $52,118 | |
| (75) | Actual Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (5) | 19,003 | 18,915 | 18,966 | 19,086 | 19,289 | 19,487 | 19,601 | 19,608 | 19,544 | 19,429 | 19,272 | 19,117 | |
| (76) | Actual Base Revenue | Workpaper PP-1(a)-GAS, Pg.23, Line (5) | $575,354 | $610,490 | $922,375 | $1,639,912 | $1,982,448 | $2,081,477 | $1,973,796 | $1,574,871 | $902,984 | $680,284 | $570,727 | $576,472 | |
| (77) | Actual Base Revenue Per Customer | Line (76) ÷ Line (75) | $30.28 | $32.28 | $48.63 | $85.92 | $102.78 | $106.81 | $100.70 | $80.32 | $46.20 | $35.01 | $29.61 | $30.15 | |
| (78) | RPC Variance (Benchmark- Actual) | Line (73) - Line (77) | ($0.87) | ($0.26) | ($1.78) | ($7.80) | $13.38 | ($5.65) | $3.43 | ($2.38) | $3.94 | ($1.54) | $2.11 | ($0.60) | |
| (79) | Monthly Under/(Over) Recovery of RPC | Line (75) x Line (78) | ($16,577) | ($4,828) | ($33,774) | ($148,945) | $258,067 | ($110,064) | $67,223 | ($46,757) | $77,014 | ($29,917) | $40,677 | ($11,436) | $40,682 |
| (80) | Preliminary Ending Balance | Line (74) + Line (79) | ($16,577) | ($21,405) | ($55,179) | ($204,125) | $53,943 | ($56,122) | $11,101 | ($35,655) | $41,358 | $11,441 | $52,118 | $40,682 | |
| (81) | Average Balance | [Line (74) + Line (80)] ÷ 2 | ($8,289) | ($18,991) | ($38,292) | ($129,652) | ($75,091) | ($1,090) | ($22,510) | ($12,277) | $2,851 | $26,399 | $31,779 | $46,400 | |
| (82) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (83) | Interest Applied | [Line (81) x Line (82)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (84) | Ending Balance Under/(Over) Recovery | Line (80) + Line (83) | ($16,577) | ($21,405) | ($55,179) | ($204,125) | $53,943 | ($56,122) | $11,101 | ($35,655) | $41,358 | $11,441 | $52,118 | $40,682 | ($178,420) |
| | **Medium C&I** | | | | | | | | | | | | | | |
| (85) | Benchmark Revenue Per Customer (RPC) | Page 5, Line (20) | $227.59 | $250.75 | $319.05 | $401.46 | $503.80 | $518.03 | $496.12 | $390.91 | $306.74 | $258.99 | $228.10 | $215.25 | |
| (86) | Beginning Balance Under/(Over) Recovery | Prior Month Line (96) | $0 | ($24,011) | ($44,852) | $84,101 | $136,352 | $351,853 | $720,170 | $1,037,164 | $1,190,696 | $1,302,761 | $1,458,647 | $1,412,392 | |
| (87) | Actual Number of Customers | Workpaper PP-1(a)-GAS, Pg.24, Line (6) | 5,146 | 5,153 | 5,162 | 5,173 | 5,188 | 5,201 | 5,211 | 5,220 | 5,227 | 5,236 | 5,244 | 5,253 | |
| (88) | Actual Base Revenue | Workpaper PP-1(a)-GAS, Pg.23, Line (6) | $1,195,177 | $1,312,968 | $1,517,988 | $2,024,503 | $2,398,189 | $2,325,978 | $2,268,280 | $1,887,016 | $1,491,246 | $1,200,170 | $1,242,429 | $1,239,703 | |
| (89) | Actual Base Revenue Per Customer | Line (88) ÷ Line (87) | $232.25 | $254.80 | $294.07 | $391.36 | $462.26 | $447.22 | $435.29 | $361.50 | $285.30 | $229.22 | $236.92 | $236.00 | |
| (90) | RPC Variance (Benchmark- Actual) | Line (85) - Line (89) | ($4.67) | ($4.04) | $24.98 | $10.10 | $41.54 | $70.82 | $60.83 | $29.41 | $21.44 | $29.77 | ($8.82) | ($20.74) | |
| (91) | Monthly Under/(Over) Recovery of RPC | Line (87) x Line (90) | ($24,011) | ($20,840) | $128,953 | $52,251 | $215,502 | $368,317 | $316,994 | $153,533 | $112,065 | $155,886 | ($46,255) | ($108,969) | $1,303,423 |
| (92) | Preliminary Ending Balance | Line (86) + Line (91) | ($24,011) | ($44,852) | $84,101 | $136,352 | $351,853 | $720,170 | $1,037,164 | $1,190,696 | $1,302,761 | $1,458,647 | $1,412,392 | $1,303,423 | |
| (93) | Average Balance | [Line (86) + Line (92)] ÷ 2 | ($12,006) | ($34,432) | $19,625 | $110,226 | $244,103 | $536,012 | $878,667 | $1,113,930 | $1,246,729 | $1,380,704 | $1,435,519 | $1,357,907 | |
| (94) | Bk America Rate less 200 Basis Points | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| (95) | Interest Applied | [Line (93) x Line (94)] ÷ 365 x # days | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (96) | Ending Balance Under/(Over) Recovery | Line (92) + Line (95) | ($24,011) | ($44,852) | $84,101 | $136,352 | $351,853 | $720,170 | $1,037,164 | $1,190,696 | $1,302,761 | $1,458,647 | $1,412,392 | $1,303,423 | $8,928,696 |

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**Narragansett Gas**
**Adjusted Revenue-Per-Customer Targets**

| Line No. | | Reference | Apr (a) | May (b) | Jun (c) | Jul (d) | Aug (e) | Sep (f) | Oct (g) | Nov (h) | Dec (i) | Jan (j) | Feb (k) | Mar (l) | Total (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential Non-Heat (incl Low-Income) | | | | | | | | | | | | | | |
| (2) | Number of Customers | | 26,197 | 26,140 | 26,085 | 26,015 | 25,964 | 25,969 | 25,980 | 26,058 | 26,107 | 26,125 | 26,234 | 26,255 | |
| (3) | Number of Accounts Transferred Nov 2014 | | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | (2,600) | |
| (4) | Number of Accounts Transferred Jun 2015 | | (970) | (970) | (970) | (970) | (970) | (970) | (970) | (970) | (970) | (970) | (970) | (970) | |
| (5) | Number of Accounts Transferred Jul 2016 | | (684) | (684) | (684) | (684) | (684) | (684) | (684) | (684) | (684) | (684) | (684) | (684) | |
| (6) | Adjusted Number of Customers | Sum [Line (2) : Line (5)] | 21,943 | 21,886 | 21,831 | 21,761 | 21,710 | 21,715 | 21,726 | 21,804 | 21,853 | 21,871 | 21,980 | 22,001 | |
| (7) | Final Revenue Requirement | | $551,147 | $480,518 | $440,626 | $421,958 | $404,421 | $411,267 | $425,590 | $468,132 | $543,736 | $608,707 | $619,002 | $604,058 | $5,979,163 |
| (8) | **Adjusted RPC** | Line (7) ÷ Line (6) | $25.12 | $21.96 | $20.18 | $19.39 | $18.63 | $18.94 | $19.59 | $21.47 | $24.88 | $27.83 | $28.16 | $27.46 | |
| (9) | Residential Heating (incl Low-Income) | | | | | | | | | | | | | | |
| (10) | Number of Customers | | 206,526 | 205,560 | 204,853 | 204,218 | 203,713 | 203,918 | 204,929 | 206,779 | 208,036 | 208,864 | 206,524 | 206,734 | |
| (11) | Number of Accounts Transferred Nov 2014 | | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | |
| (12) | Number of Accounts Transferred Jun 2015 | | 970 | 970 | 970 | 970 | 970 | 970 | 970 | 970 | 970 | 970 | 970 | 970 | |
| (13) | Number of Accounts Transferred Jul 2016 | | 684 | 684 | 684 | 684 | 684 | 684 | 684 | 684 | 684 | 684 | 684 | 684 | |
| (14) | Adjusted Number of Customers | Sum [Line (10) : Line (13)] | 210,780 | 209,814 | 209,107 | 208,472 | 207,967 | 208,172 | 209,183 | 211,033 | 212,290 | 213,118 | 210,778 | 210,988 | |
| (15) | Final Revenue Requirement | | $11,157,590 | $7,202,607 | $5,097,052 | $4,502,584 | $4,237,221 | $4,306,645 | $4,692,464 | $7,051,595 | $11,560,624 | $14,908,187 | $15,552,475 | $14,470,701 | $104,739,746 |
| (16) | **Adjusted RPC** | Line (15) ÷ Line (14) | $52.93 | $34.33 | $24.38 | $21.60 | $20.37 | $20.69 | $22.43 | $33.41 | $54.46 | $69.95 | $73.79 | $68.59 | |
| (17) | Small C&I | | | | | | | | | | | | | | |
| (18) | Number of Customers | | 18,697 | 18,524 | 18,381 | 18,270 | 18,221 | 18,243 | 18,367 | 18,680 | 18,856 | 18,995 | 18,800 | 18,800 | |
| (19) | Final Revenue Requirement | | $1,457,117 | $928,852 | $615,286 | $579,616 | $538,554 | $536,429 | $588,115 | $875,201 | $1,472,999 | $2,206,366 | $1,901,912 | $1,957,612 | $13,658,058 |
| (20) | **RPC** | Line (19) ÷ Line (18) | $77.93 | $50.14 | $33.47 | $31.72 | $29.56 | $29.40 | $32.02 | $46.85 | $78.12 | $116.16 | $101.17 | $104.13 | |
| (21) | Medium C&I | | | | | | | | | | | | | | |
| (22) | Number of Customers | | 4,702 | 4,691 | 4,694 | 4,684 | 4,665 | 4,678 | 4,700 | 4,734 | 4,758 | 4,773 | 4,696 | 4,705 | |
| (23) | Final Revenue Requirement | | $1,838,057 | $1,438,900 | $1,215,685 | $1,068,436 | $1,004,164 | $1,064,655 | $1,178,537 | $1,510,387 | $1,910,148 | $2,404,616 | $2,432,687 | $2,334,238 | $19,400,509 |
| (24) | **RPC** | Line (23) ÷ Line (22) | $390.91 | $306.74 | $258.99 | $228.10 | $215.25 | $227.59 | $250.75 | $319.05 | $401.46 | $503.80 | $518.03 | $496.12 | |

Footnotes

Lines (2), (10), (18), (22): Number of customers per Docket No.4514, RDM Filing, Schedule SNL-4, Page 1, Lines 2, 6, 10, 14.

Lines (3), (11): Number of customers transferred from Residential Non-Heating to Residential Heating in Docket No. 4573, RDM Filing, Schedule SNL-3.

Lines (4), (12): Number of customers transferred from Residential Non-Heating to Residential Heating in Docket No. 4634, RDM Filing, Schedule SNL-3.

Line (5), (13): Number of customers transferred from Residential Non-Heating to Residential Heating in Docket No. 4708, RDM Filing, Schedule AEL-3

Lines (7), (15), (19), (23): Final revenue requirement allocations from Docket No. 4514, RDM Filing, Schedules SNL-4, Page 1, Lines 3, 7, 11, 15.

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Schedule PP-2

Calculation of the Proposed Electric and Gas Low Income Discount Recovery Factor

Narragansett Electric
Calculation of Estimated Rate Year Electric Low Income Discount and Low Income Discount Recovery Factor (LIDRF)

Section 1 - Calculation of Low Income Discount

| | | Rate Year Rate A-60 Units (a) | Rate A-60 Rate (b) | Charges (c) | Proposed Discount (d) | Low Income Discount (e) |
|---|---|---|---|---|---|---|
| (1) | Customer Charge | 437,171 | $2.75 | $1,202,221 | | |
| (2) | RE Growth Factor | 437,171 | $0.78 | $340,993 | | |
| (3) | LIHEAP Enhancement Surcharge | 437,171 | $0.81 | $354,109 | | |
| (4) | Distribution kWh Charge | 223,496,800 | $0.04438 | $9,918,788 | | |
| (5) | ISR CapEx Factor | 223,496,800 | $0.00000 | $0 | | |
| (6) | ISR CapEx Reconciliation Factor | 223,496,800 | ($0.00135) | ($301,721) | | |
| (7) | ISR O&M Factor | 223,496,800 | $0.00163 | $364,300 | | |
| (8) | ISR O&M Reconciliation Factor | 223,496,800 | ($0.00001) | ($2,235) | | |
| (9) | Pension/PBOP Factor | 223,496,800 | ($0.00085) | ($189,972) | | |
| (10) | Revenue Decoupling Mechanism Adjustment Factor | 223,496,800 | $0.00118 | $263,726 | | |
| (11) | Storm Fund Replenishment Factor | 223,496,800 | $0.00288 | $643,671 | | |
| (12) | Low Income Discount Recovery Factor | 223,496,800 | $0.00000 | $0 | | |
| (13) | Subtotal Distribution Energy Charge | | | $10,696,557 | | |
| (14) | Transmission Charge | 223,496,800 | $0.03180 | $7,107,198 | | |
| (15) | Transition Charge | 223,496,800 | $0.00057 | $127,393 | | |
| (16) | Energy Efficiency Program Charge | 223,496,800 | $0.01154 | $2,579,153 | | |
| (17) | Renewable Energy Distribution Charge | 223,496,800 | $0.00688 | $1,537,658 | | |
| (18) | Total Delivery Service Charges | | | $23,945,282 | | |
| (19) | Winter Commodity Charge | 108,217,729 | $0.09518 | $10,300,163 | | |
| (20) | Summer Commodity Charge | 115,279,071 | $0.06231 | $7,183,039 | | |
| (21) | Total Commodity Charges | 223,496,800 | | $17,483,202 | | |
| (22) | Total | | | $41,428,485 | | |
| (23) | Low Income Discount | | | | 15.0% | $6,214,273 |
| (24) | Value of Exemption from Low Income Discount Recovery Factor | | | | | $189,972 |
| (25) | Total Low Income Benefit | | | | 15.4% | $6,404,245 |

Column Descriptions:
(a) Schedule HSG-4-A
(b) Workpaper HSG-5, Page 2
(c) Column (a) x Column (b)
(d) Proposed Discount off of total amount billed
(e) Line (22) x Line (23), Column (d)

Line Descriptions:
(12) Proposing that all A-60 customers are exempt from Low Income Discount Recovery Factor
(13) Sum of Lines (4) through (12)
(18) Sum of Lines (1) through (3) + Line (13) + Sum of Lines (14) through (17)
(21) Line (19) + Line (20)
(22) Line (18) + Line (21)
(23) Column (c), Line (22) x Column (d), Line (23)
(24) Column (a) kWh x Section 2, Line (1) ÷ Total Company kWh Delivery Forecast including low income rate classes
(25) Line (23) + Line (24); Column (d) = Column (e) ÷ Line (22) Column (c)

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Section 2 - Calculation of Proposed Low Income Discount Recovery Factor

| | | |
|---|---|---|
| (1) | Estimated Discount Provided, Rate Year | $6,214,273 |
| (2) | Forecasted kWh Deliveries, Rate Year | 7,072,229,805 |
| (3) | Proposed Income Eligible Credit Factor for September 1, 2018 | $0.00087 |

Line Descriptions:
(1) Section 1, Line (23), Column (e)
(2) Rate Year Forecast excluding Rate A-60 kWh
(3) Line (1) ÷ Line (2), truncated to five decimal places

Narragansett Gas
Calculation of Estimated Rate Year Gas Low Income Discount and Low Income Discount Recovery Factor (LIDRF)

Section 1 - Calculation of Low Income Discount

| | | Rate Year Rate 11 Units (a) | Rate 10 Rate (b) | Charges (c) | Rate Year Rate 13 Units (d) | Rate 12 Rate (e) | Charges (f) | Total Charges (g) |
|---|---|---|---|---|---|---|---|---|
| (1) | Customer Charge | 2,492 | $16.00 | $39,872 | 204,901 | $16.00 | $3,278,416 | $3,318,288 |
| (2) | LIHEAP Enhancement Surcharge | 2,492 | $0.81 | $2,019 | 204,901 | $0.81 | $165,970 | $167,989 |
| (3) | Distribution Charge | 101,774 | $0.6027 | $61,339 | 14,261,483 | $0.6034 | $8,605,379 | $8,666,718 |
| (4) | DAC | 101,774 | $0.0475 | $4,834 | 14,261,483 | $0.0207 | $295,213 | $300,047 |
| (5) | Low Income Discount Recovery Factor | 101,774 | $0.0000 | $0 | 14,261,483 | $0.0000 | $0 | $0 |
| (6) | Energy Efficiency Program Charge | 101,774 | $0.0878 | $8,936 | 14,261,483 | $0.0878 | $1,252,158 | $1,261,094 |
| (7) | Total Delivery Service Charges | | | $117,000 | | | $13,597,136 | $13,714,136 |
| (8) | Commodity Charge | 101,774 | $0.4827 | $49,126 | 14,261,483 | $0.5258 | $7,498,688 | $7,547,814 |
| (9) | Total | | | $166,127 | | | $21,095,824 | $21,261,950 |
| (10) | Low Income Discount Percentage | | | 15% | | | 15% | |
| (11) | Low Income Discount | | | $24,919 | | | $3,164,374 | $3,189,293 |
| (12) | Low Income Discount Recovery Factor | | | $817 | | | $114,520 | $115,337 |
| (13) | Total Low Income Benefit | | | $25,736 | | | $3,278,894 | $3,304,630 |
| (14) | Effective Low Income Discount | | | 15.4% | | | 15.5% | 15.5% |

Column Descriptions:
(a), (d) Workpaper NG-PP-1(a)-GAS, Pages 24 and 27
(b), (e) Line (1), (3): Exhibit PMN-8, page 6
(c) Column (a) x Column (b)
(f) Column (d) x Column (e)
(g) Column (c) + Column (f)
Line Descriptions:
(7) Sum of Lines (1) through (6)
(9) Line (7) + Line (8)
(10) Proposed Discount off of total amount billed
(11) Line (9) x Line (10)
(12) Column (c) and (f) = Column (a) and (d) therms x Section 2, Line (1) ÷ Total Company Therm Forecast including low income rate classes
(13) Line (11) + Line (12)
(14) Line (13) ÷ [ Line (9) + Line (12) ]

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Section 2 - Calculation of Proposed Low Income Discount Recovery Factor

| | | |
|---|---|---|
| (1) | Estimated Discount Provided, Rate Year | $3,189,293 |
| (2) | Forecasted Therms, Rate Year | 382,361,343 |
| (3) | Estimated LIDRF for September 1, 2018 | $0.0083 |

Line Descriptions:
(1) Section 1, Line (10), Column (h)
(2) Rate Year Forecast excluding Rates 11 and 13
(3) Line (1) ÷ Line (2), truncated to four decimal places

Narragansett Electric
Bill Impact on Regular Residential Customers
from Recovery of a Low Income Discount Outside of Base Rates

| | Electric | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Docket 4323 | | Increase (Decrease) | Increase (Decrease) | Incremental |
| | Percent Discount | Annual Discount | Illustrative LIDRF | LIDRF Charge on 500 kWh | Annual Low Income Subsidy | Rate Adjustment For Low Income Subsidy | Annual Discount/Subsidy | per kWh Charge | Impact on 500 kWh |
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |
| | | | | | | | | | |
| (1) | 5% | $2,071,424 | $0.00029 | $0.15 | $6,446,453 | $0.00103 | ($4,375,029) | ($0.00074) | ($0.37) |
| (2) | 10% | $4,142,848 | $0.00058 | $0.29 | $6,446,453 | $0.00103 | ($2,303,605) | ($0.00045) | ($0.23) |
| (3) | 15% | $6,214,273 | $0.00087 | $0.44 | $6,446,453 | $0.00103 | ($232,180) | ($0.00016) | ($0.08) |
| (4) | 20% | $8,285,697 | $0.00117 | $0.59 | $6,446,453 | $0.00103 | $1,839,244 | $0.00014 | $0.07 |
| (5) | 25% | $10,357,121 | $0.00146 | $0.73 | $6,446,453 | $0.00103 | $3,910,668 | $0.00043 | $0.22 |

Current effective discount on total bill based on November 1, 2017 rates:

| | | |
|---|---|---|
| (6) | Residential | $105.27 |
| (7) | Residential Low Income | $93.04 |
| (8) | Difference | $12.23 |
| (9) | Effective Discount | 11.6% |

Column Descriptions:

(a) Low Income Discounts in 5% increments
(b) Page 1 line (22) x column (a)
(c) Column (b) ÷ Page 1 Section 2 Line (2)
(d) Column (c) x 500
(e) Current 500 kWh Bill based n November 1, 2017 rates
(f) Column (d) ÷ Column (e)
(g) Per Docket No 4323 Compliance Attachment 3-D Schedule JAL-4, Page 2, Line (39)
(h) Per Docket No 4323 Compliance Attachment 3-D Schedule JAL-4, Page 2, Line (10) Column (d)
(i) Column (b) - Column (g)
(j) Column (c) - Column (h)
(k) Column (j) x 500

Narragansett Gas
Bill Impact on Regular Residential Heating Customers
from Recovery of a Low Income Discount Outside of Base Rates

| | Gas | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Percent Discount | Annual Discount | Illustrative LIDRF | LIDRF Charge on 845 therms | Annual LDIRF Subsidy Residential Heating | Current Annual Low Income Subsidy Residential Heating | Increase (Decrease) Annual Subsidy Residential Heating | Rate Adjustment For Current Low Income Subsidy | Increase (Decrease) per therm Charge | Incremental Impact on 845 therms |
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
| | | | | | | | | | | |
| (1) | 5% | $1,063,098 | $0.0027 | $2.28 | $479,241 | $1,472,203 | ($992,961) | $0.0082 | ($0.0055) | ($4.65) |
| (2) | 10% | $2,126,195 | $0.0055 | $4.65 | $976,232 | $1,472,203 | ($495,970) | $0.0082 | ($0.0027) | ($2.28) |
| (3) | 15% | $3,189,293 | $0.0083 | $7.01 | $1,473,224 | $1,472,203 | $1,021 | $0.0082 | $0.0001 | $0.08 |
| (4) | 20% | $4,252,390 | $0.0111 | $9.38 | $1,970,215 | $1,472,203 | $498,012 | $0.0082 | $0.0029 | $2.45 |
| (5) | 25% | $5,315,488 | $0.0139 | $11.75 | $2,467,206 | $1,472,203 | $995,003 | $0.0082 | $0.0057 | $4.82 |

Column Descriptions:
(a) Low Income Discounts in 5% increments
(b) Page 2, Section 1, line (9), Column (g) x column (a)
(c) Column (b) ÷ Page 1, Section 2, Line (2)
(d) Column (c) x 845
(e) Column (c) x rate year throughput volume for Rate 13
(f) Total Low Income subsidized by residential heating Rate 13 under current rates
(g) Column (e) - Column (f)
(h) Column (f) ÷ rate year throughput volume for Rate 13
(i) Column (c) - Column (h)

Schedule
PP-3

Schedule PP-3

Proposed Miscellaneous Fees

Schedule PP-3(a)

Account Restoration Fee

**Narragansett Gas**
Proposed Fee for Account Restoration

| | | |
|---|---|---|
| (1) | Labor Costs for Meter Off Due to Non Payment | $19.79 |
| (2) | Labor Burdens | $13.74 |
| (3) | Transportation Costs for Meter Off Due to Non Payment | $4.93 |
| (4) | Labor Costs for Meter On Due to Customer Payment | $29.69 |
| (5) | Labor Burdens | $20.62 |
| (6) | Transportation Costs for Meter On Due to Customer Payment | $7.40 |
| (7) | Total Cost of Restoring Service | $96.17 |
| | | |
| (8) | Proposed Account Restoration Fee | $96.00 |
| (9) | Current Account Restoration Fee | $25.00 |
| (10) | Proposed Increase in Account Restoration Fee | $71.00 |
| (11) | Test Year Count of Account Restoration Fees Billed | 3,274 |
| (12) | Proposed Incremental Account Restoration Fee Revenue | $232,454 |

(1) 0.6 hours of labor time x average hourly rate of $32.98
(2) Line (1) x labor OH %, excluding pension and OPEB, of 69.44%
(3) 0.6 hours of labor time x average hourly rate of $8.22
(4) 0.9 hours of labor time x average hourly rate of $32.98
(5) Line (4) x labor OH %, excluding pension and OPEB, of 69.44%
(6) 0.9 hours of labor time x average hourly rate of $8.22
(7) Sum of Lines (1) through (6)
(8) Line (7), truncated to 0 decimal places
(9) Per Company Tariff, RIPUC NG-GAS 101, Section 1, Schedule A, Sheet 9
(10) Line (8) - Line (9)
(11) Per Company Billing Report
(12) Line (10) * Line (11)

**Narragansett Electric**
Proposed Fee for Account Restoration

| | | |
|---|---|---|
| (1) | Labor Costs for Meter Off Due to Non Payment | $8.13 |
| (2) | Labor Burdens | $5.65 |
| (3) | Transportation Costs for Meter Off Due to Non Payment | $2.47 |
| (4) | Labor Costs for Meter On Due to Customer Payment | $8.13 |
| (5) | Labor Burdens | $5.65 |
| (6) | Transportation Costs for Meter On Due to Customer Payment | $2.47 |
| (7) | Total Cost of Restoring Service | $32.50 |
| | | |
| (8) | Proposed Account Restoration Fee | $32.00 |
| (9) | Current Account Restoration Fee | $38.00 |
| (10) | Proposed Increase in Account Restoration Fee | ($6.00) |
| (11) | Test Year Count of Account Restoration Fees Billed | 2,173 |
| (12) | Proposed Incremental Account Restoration Fee Revenue | ($13,038) |

(1) 0.3 hours of labor time x average hourly rate of $27.11
(2) Line (1) x labor OH %, excluding pension and OPEB, of 69.44%
(3) 0.3 hours of labor time x average hourly rate of $8.22
(4) 0.3 hours of labor time x average hourly rate of $27.11
(5) Line (4) x labor OH %, excluding pension and OPEB, of 69.44%
(6) 0.3 hours of labor time x average hourly rate of $8.22
(7) Sum of Lines (1) through (6)
(8) Line (7), truncated to 0 decimal places
(9) Per Company Tariff, RIPUC No. 2130, Section 21
(10) Line (8) - Line (9)
(11) Per Company Billing Report
(12) Line (10) * Line (11)

Schedule PP-3(b)

IP Wireless Fee

**Narragansett Gas**
Proposed Fee for IP Wireless Device

| | | | |
|---|---|---|---|
| | Plant Investment | | |
| (1) | Incremental Cost of Meter Equipped with a Wireless Module | | $1,035 |
| | Labor Cost | | |
| (2) | Average Travel Time | 1.0 | |
| (3) | Average Time to Install | 2.0 | |
| (4) | Total Time | 3.0 | |
| (5) | Hourly Rate | $42.60 | |
| (6) | Base Labor | $127.80 | |
| (7) | Labor Overheads | 95.88% | |
| (8) | Labor Costs | | $250 |
| (9) | Lump Sum Fee, Equipment Cost | | $1,285 |
| (10) | Annual Fee, Data Plan | | $17 |

| | | | |
|---|---|---|---|
| (11) | Monthly Weighted Cost of Data Plan | | Weighting |
| (12) | Monthly Cost, Low End | $0.83 | 85% |
| (13) | Monthly Cost, High End | $5.00 | 15% |
| (14) | Weighted Average Monthly Cost | $1.46 | |
| (15) | x 12 | 12 | |
| (16) | Annual Cost | $17 | |

(2) Average Estimate
(3) Average Estimate
(4) Line (2) + Line (3)
(6) Line (4) x Line (5)
(7) Test Year Average
(8) Line (6) x [1 + Line (7)]
(9) Line (1) + Line (8)
(10) Line (16)

**Narragansett Electric**
Proposed Fee for IP Wireless Device

| | | | |
|---|---|---|---|
| | Plant Investment | | |
| (1) | Incremental Cost of Meter Equipped with a Wireless Module | | $583 |
| | Labor Cost | | |
| (2) | Average Travel Time | 0.2 | |
| (3) | Average Time to Install | 1.0 | |
| (4) | Total Time | 1.2 | |
| (5) | Hourly Rate | $39.62 | |
| (6) | Base Labor | $48.86 | |
| (7) | Labor Overheads | 95.88% | |
| (8) | Labor Costs | | $96 |
| (9) | Lump Sum Fee, Equipment Cost | | $679 |
| (10) | Annual Fee, Data Plan | | $17 |

| | | | |
|---|---|---|---|
| (11) | Monthly Weighted Cost of Data Plan | | Weighting |
| (12) | Monthly Cost, Low End | $0.83 | 85% |
| (13) | Monthly Cost, High End | $5.00 | 15% |
| (14) | Weighted Average Monthly Cost | $1.46 | |
| (15) | x 12 | 12 | |
| (16) | Annual Cost | $17 | |

(2) Average Estimate
(3) Average Estimate
(4) Line (2) + Line (3)
(6) Line (4) x Line (5)
(7) Test Year Average
(8) Line (6) x [1 + Line (7)]
(9) Line (1) + Line (8)
(10) Line (16)

Schedule PP-3(c)

Returned Check Fee

**Narragansett Gas**
Proposed Fee for Returned Checks

**Test Year External Costs**

| | Service Description | Service Charges | Reference |
|---|---|---|---|
| | JPCM Charges | | |
| (1) | Return Item | $17,504 | |
| (2) | Return Multiple Locations | $1,445 | |
| (3) | Return Image | $4,504 | |
| (4) | Return Detail Reporting | $1,351 | |
| (5) | Return Item Redeposit | $9,264 | |
| (6) | ARC Zero Admin Return Process | $6,000 | |
| (7) | Return Item Redeposit | $25,809 | |
| (8) | eLockbox Return - Electronic | $203 | |
| (9) | Return Notification - Online | $218 | |
| (10) | Return Notification - Transmission | $23,793 | |
| (11) | Total | $90,091 | Total JPCM Charges per Invoices |
| | TransCentra Charges | | |
| (12) | Return Corr. Various Types | $1,192 | Per TransCentra Invoices |
| (13) | Data Capture - Return / NSF Item | $832 | Per TransCentra Invoices |
| (14) | Total | $2,024 | Total TransCentra Costs |
| (15) | Total External Costs | $92,115 | Line (11) + Line (14) |

**Test Year Internal Costs**

| | | Wages | |
|---|---|---|---|
| | Internal Labor | | |
| (16) | Base Labor | $6,948 | Per Company Estimate |
| (17) | Labor Overheads | $4,896 | Per Company Estimate |
| (18) | Total | $11,844 | Line (16) + Line (17) |

**Proposed Returned Check Fee**

| | | | |
|---|---|---|---|
| (19) | Total External Costs | $92,115 | Line (15) |
| (20) | Total Internal Costs | $11,844 | Line (18) |
| (21) | Total Costs | $103,958 | Line (19) + Line (20) |
| (22) | Test Year Returned Items | 13,072 | Per General Ledger |
| (23) | Proposed Returned Check Fee | $7.00 | Line (21) ÷ Line (22), truncated to 0 decimal places |

**Incremental Revenue**

| | | | |
|---|---|---|---|
| (24) | Proposed Returned Check Fee | $7.00 | Line (23) |
| (25) | Current Returned Check Fee | $15.00 | R.I.P.U.C. 2130 |
| (26) | Proposed Decrease in Returned Check Fee | ($8.00) | Line (24) - Line(25) |
| (27) | Test Year Returned Items- Gas | 4,248 | Per General Ledger |
| (28) | Decrease in Returned Check Fee Revenue - Gas | ($33,984) | Line (26) x Line (27) |

**Narragansett Electric**
Proposed Fee for Returned Checks

**Test Year External Costs**

| | Service Description | Service Charges | Reference |
|---|---|---|---|
| | JPCM Charges | | |
| (1) | Return Item | $17,504 | |
| (2) | Return Multiple Locations | $1,445 | |
| (3) | Return Image | $4,504 | |
| (4) | Return Detail Reporting | $1,351 | |
| (5) | Return Item Redeposit | $9,264 | |
| (6) | ARC Zero Admin Return Process | $6,000 | |
| (7) | Return Item Redeposit | $25,809 | |
| (8) | eLockbox Return - Electronic | $203 | |
| (9) | Return Notification - Online | $218 | |
| (10) | Return Notification - Transmission | $23,793 | |
| (11) | Total | $90,091 | Total JPCM Charges per Invoices |
| | TransCentra Charges | | |
| (12) | Return Corr. Various Types | $1,192 | Per TransCentra Invoices |
| (13) | Data Capture - Return / NSF Item | $832 | Per TransCentra Invoices |
| (14) | Total | $2,024 | Total TransCentra Costs |
| (15) | Total External Costs | $92,115 | Line (11) + Line (14) |

**Test Year Internal Costs**

| | | Wages | |
|---|---|---|---|
| | Internal Labor | | |
| (16) | Base Labor | $6,948 | Per Company Estimate |
| (17) | Labor Overheads | $0 | Per Company Estimate |
| (18) | Total | $6,948 | Line (16) + Line (17) |

**Proposed Returned Check Fee**

| | | | |
|---|---|---|---|
| (19) | Total External Costs | $92,115 | Line (15) |
| (20) | Total Internal Costs | $6,948 | Line (18) |
| (21) | Total Costs | $99,063 | Line (19) + Line (20) |
| (22) | Test Year Returned Items | 13,072 | Per General Ledger |
| (23) | Proposed Returned Check Fee | $7.00 | Line (21) ÷ Line (22), truncated to 0 decimal places |

**Incremental Revenue**

| | | | |
|---|---|---|---|
| (24) | Proposed Returned Check Fee | $7.00 | Line (23) |
| (25) | Current Returned Check Fee | $15.00 | R.I.P.U.C. 2130 |
| (26) | Proposed Decrease in Returned Check Fee | ($8.00) | Line (24) - Line(25) |
| (27) | Test Year Returned Items- Electric | 8,824 | Per General Ledger |
| (28) | Decrease in Returned Check Fee Revenue - Electric | ($70,592) | Line (26) x Line (28) |

Schedule PP-3(d)

Lighting Service Fee

**Narragansett Electric**
Lighting Service Charge

**Service Charge - Labor and Equipment Costs for Initial Analysis**

***Service Charge Cost Development***

| | Description | | Service Response to Customer Requested Task Other Than General O&M Functions | | |
|---|---|---|---|---|---|
| | **Labor** | | | | |
| (1) | Trouble Shooter - Hourly Rate | | $47.12 | | Labor Rate per Negotiated Union Agreement |
| (2) | Installation & Travel Time (Minutes) | | 45 | | Average Estimate (Travel/Set-up/Work/ Breakdown) |
| (3) | | SubTotal Direct Labor | | $35.34 | Line (1) x [ Line (2) ÷ 60 ] |
| | **Labor Overhead** | | | | |
| (4) | Overhead Labor Cost | | 112.17% | | Test Year Labor Allocation Rates |
| (5) | | SubTotal Labor Overhead | | $39.64 | Line (3) x Line (4) |
| (6) | | Total Labor | | $74.98 | Line (3) + Line (5) |
| | **Equipment** | | | | |
| (7) | Truck-Light Duty | | $46.58 | | NG Fleet Category Cost Assessment |
| (8) | Installation & Travel Time (Minutes) | | 45 | | Average Estimate (Travel/Set-up/Work/ Breakdown) |
| (9) | | Total Equipment | | $34.94 | Line (7) x [ Line (8) ÷ 60 ] |
| | **Material** | | | | |
| (10) | Red Cap PE, Connect/Disconnect, Fuse, Etc. | | $5.00 | | Average of Purchase Agreement Pricing |
| (11) | | SubTotal Material | | $5.00 | Line (10) |
| | **Material Overhead** | | | | |
| (12) | Stores Handling | | 23.25% | $1.16 | Test Year Allocation Rates |
| (13) | Imprest Stock (connectors/tape/etc.) | | 3.00% | $0.15 | Estimate for non-specified required materials |
| (14) | | SubTotal Material Overhead | | $1.31 | Line (12) + Line (13) |
| (15) | | Total Material | | $6.31 | Line (11) + Line (14) |
| (16) | Total Labor, Equipment Material & Misc. Costs | | | $116.00 | Line (6) + Line (9) + Line (15), Truncated to 0 decimal places |

Schedule PP-3(e)

Off-Cycle Metering Fee

**Narragansett Electric**
Off Cycle Meter Read for Switch of Supplier

**Interval Data Meters With Remote Interrogation (Telemetered)**

| | | |
|---|---|---|
| (1) | Cost of Labor for Contact Center NE | $25.93 |
| (2) | Estimated Time Required to Receive Call and Notify Others | 0.25 |
| (3) | Cost of Labor to Process Request | $6.48 |
| (4) | Labor-Related Overheads | $4.50 |
| (5) | Total Contact Center NE Cost of Processing Request | $10.98 |
| | | |
| (6) | Cost of Labor per Hour for Supplier Services to Process Request | $35.22 |
| (7) | Estimated Time Required to Process Drop Request (which produces a CME) and notify the Energy Supply Company | 0.50 |
| (8) | Cost of Labor to Process Request | $17.61 |
| (9) | Labor-Related Overheads | $12.23 |
| (10) | Total Supplier Services Cost of Processing Request | $29.84 |
| | | |
| (11) | Cost of Labor per Hour for Accounts Processing | $25.02 |
| (12) | Estimated Time Required to to Build a Daily List of WFMs and Process the CME | 0.25 |
| (13) | Cost of Labor to Process Switch | $6.26 |
| (14) | Labor-Related Overheads | $4.34 |
| (15) | Total Accounts Processing Cost of Processing Request | $10.60 |
| | | |
| (16) | Total Transaction Costs for Off Cycle Meter Read for Switch to Competitive Supplier | $51.42 |
| | | |
| (17) | Proposed Off Cycle Meter Read Fee - Telemetered | $51.00 |
| (18) | Current Off Cycle Meter Read Fee - Telemetered | $84.19 |
| (19) | Decrease in Off Cycle Meter Read Fee | ($33.19) |
| (20) | Test Year Count of Off Cycle Meter Read Fees Billed | 0 |
| (21) | Decrease in Off Cycle Meter Read Fee Revenue | $0.00 |

(1) Estimated average hourly wage per position based on employee complement.
(2) Estimated time required to complete transaction per department manager.
(4) test year average labor overheads
(6) Estimated average hourly wage per position based on employee complement.
(7) Estimated time required to complete transaction per department manager.
(9) test year average labor overheads
(11) Estimated average hourly wage per position based on employee complement.
(12) Estimated time required to complete transaction per department manager.
(14) test year average labor overheads
(16) Line (5) + Line (10) + Line (15)
(17) Line (16) truncated to zero decimal places
(18) Optional Off Cycle Meter Read for Switch of Supplier provision, RIPUC No. 2019-A
(19) Line (17) - Line (18)
(20) Per Company billing records
(21) Line (19) x Line (20)

**Narragansett Electric**
Off Cycle Meter Read for Switch of Supplier

**Interval Data Meters Without Remote Interrogation (Non-Telemetered)**

| | | |
|---|---|---|
| (1) | Cost of Labor for Contact Center NE | $25.93 |
| (2) | Estimated Time Required to Receive Call and Notify Others | 0.25 |
| (3) | Cost of Labor to Process Request | $6.48 |
| (4) | Labor-Related Overheads | $4.50 |
| (5) | Total Contact Center NE Cost of Processing Request | $10.98 |
| | | |
| (6) | Cost of Labor per Hour for Supplier Services to Process Request | $35.22 |
| (7) | Estimated Time Required to Process Drop Request (which produces a CME) and notify the Energy Supply Company | 0.50 |
| (8) | Cost of Labor to Process Request | $17.61 |
| (9) | Labor-Related Overheads | $12.23 |
| (10) | Total Supplier Services Cost of Processing Request | $29.84 |
| | | |
| (11) | Cost of Labor per Hour for Accounts Processing | $25.02 |
| (12) | Estimated Time Required to to Build a Daily List of WFMs and Process the CME | 0.25 |
| (13) | Cost of Labor to Process Switch | $6.26 |
| (14) | Labor-Related Overheads | $4.34 |
| (15) | Total Accounts Processing Cost of Processing Request | $10.60 |
| | | |
| (16) | Cost of Labor per Hour for Customer Meter Services | $33.75 |
| (17) | Estimated Time Required to Probe Meter | 0.50 |
| (18) | Cost of Labor to Probe Meter | $16.88 |
| (19) | Labor-Related Overheads | $11.72 |
| (20) | Total Customer Meter Services Cost to Read Meter | $28.59 |
| | | |
| (21) | Total Transaction Costs for off cycle read for switch to competitive supplier | $80.01 |
| | | |
| (22) | Proposed Off Cycle Meter Read Fee - Non-Telemetered | $80.00 |
| (23) | Current Off Cycle Meter Read Fee - Non-Telemetered | $114.52 |
| (24) | Decrease in Off Cycle Meter Read Fee | ($34.52) |
| (25) | Test Year Count of Off Cycle Meter Read Fees Billed | 0 |
| (26) | Decrease in Off Cycle Meter Read Fee Revenue | $0 |

(1) Estimated average hourly wage per position based on employee complement.
(2) Estimated time required to complete transaction per department manager
(4) test year average labor overheads
(6) Estimated average hourly wage per position based on employee complement.
(7) Estimated time required to complete transaction per department manager
(9) test year average labor overheads
(11) Estimated average hourly wage per position based on employee complement.
(12) Estimated time required to complete transaction per department manager
(14) test year average labor overheads
(16) Estimated average hourly wage per position based on employee complement.
(17) Estimated time required to complete transaction per department manager
(19) test year average labor overheads
(21) Line (5) + Line (10) + Line (15) + Line (20)
(22) Line (21) truncated to zero decimal places
(23) Optional Off Cycle Meter Read for Switch of Supplier provision, RIPUC No. 2019-A
(24) Line (22) - Line (23)
(25) Per Company billing records
(26) Line (24) x Line (25)

Schedule PP-3(f)

Enhanced Metering

**Narragansett Electric**
Commercial Enhanced Metering Options
One-time and Annual Fee Calculations

| | | |
|---|---|---|
| (1) | **Option One - Commercial:** | |
| (2) | Hourly Reporting Equipment - Wireless Interface - Company Owned Equipment | |
| (3) | Incremental Cost of Commercial Meter with Wireless Modem Installed | |
| (4) | Lump Sum Fee, Equipment Cost | **$679.00** |
| (5) | Annual Fee, Data Plan | **$17.00** |
| (6) | **Option Two - Commercial:** | |
| (7) | Hourly Reporting Equipment - Pulse Interface - Company Owned Equipment | |
| (8) | Incremental Cost of Commercial Meter with Internal Modem Installed | |
| (9) | Meter (Capitalized) | $177.00 |
| (10) | Cost of Labor (based upon time to prepare meter and perform exchange) | $79.24 |
| (11) | Labor - Related Overheads | $55.02 |
| (12) | Transportation | $4.32 |
| (13) | Estimated Materials ( Telephone line surge suppresser, gel connectors, misc. wire, tape, etc.) | $35.00 |
| (14) | **One Time Fee for Commercial Option Two** | **$350.58** |
| (15) | **Option Three - Commercial:** | |
| (16) | Hourly Reporting Equipment - Pulse Interface - Customer Owned Equipment | |
| (17) | Incremental Cost of Pulse Interface Box Installed | |
| (18) | Pulse Interface Box (Capitalized) | $30.00 |
| (19) | Cost of Labor (based upon time to perform meter exchange, install pulse interface box, install pulses in meter and test) | $79.24 |
| (20) | Labor - Related Overheads | $55.02 |
| (21) | Transportation | $4.32 |
| (22) | Material - Pulse Initiator (Estimated) | $5.00 |
| (23) | **One Time Fee for Commercial Option Three** | **$173.58** |

(4) Per Schedule PP-3(b), Page 2, line (9)
(5) Per Schedule PP-3(b), Page 2, line (10)
(10) Labor cost reflects estimate of 2.0 hours of meter worker time required to install meter with internal modem and complete meter exchange. This time estimate is based upon historical business practices. Labor cost is based upon the hourly wage of a meter worker.
(11) Average overhead accural rates for year ended June 30, 2017
(12) Reflects estimated transportation charges
(19) Labor cost reflects estimate of 2.0 hours of meter worker time required to install program and connect pulses in meter, complete meter exchange and test. This ime estimate is based upon historical business practices. Labor cost is based upon the hourly wage of meter worker per union labor agreement.
(20) Average overhead accural rates for year ended June 30, 2017
(21) Reflects estimated transportation charges

**Narragansett Electric**
Calculation of Monthly Charge for Enhanced Metering

| | | |
|---|---|---|
| (1) | **Service Option Two** | |
| (2) | Total Installation Cost of Enhanced Metering | |
| (3) | Equipment for this Option | $350.58 |
| (4) | Proposed Annual Carrying Charge | 22.73% |
| (5) | Annual Enhanced Metering Charge | $79.70 |
| (6) | **Monthly Enhanced Metering Charge** | **$6.64** |
| (7) | **Service Option Three** | |
| (8) | Total Installation Cost of Enhanced Metering | |
| (9) | Equipment for this Option per | $173.58 |
| (10) | Proposed Annual Carrying Charge | 22.73% |
| (11) | Annual Enhanced Metering Charge | $39.46 |
| (12) | **Monthly Enhanced Metering Charge** | **$3.29** |

(2) Page 1 Line (14)
(4) Annual Carrying Charge
(5) Line (3) times Line (4).
(6) Line (5) divided by twelve.
(9) Page 1 Line (23)
(11) Line (9) times Line (10).
(12) Line (11) divided by twelve.

Schedule PP-3(g)

Line Extension Fee

**Narragansett Electric**
Proposed Centerline Footage Rates forLine Extension Policy 1 and Policy 2
Overhead and Underground Costs

| | (a) Year | (b) Number of Jobs | (c) Total Cost | (d) CFL | (e) Proposed Cost/Foot |
|---|---|---|---|---|---|
| (1) | **Overhead** | 5 | $80,637 | 2,140 | $37.68 |
| (2) | **Underground** | 12 | $395,729 | 10,610 | $37.30 |

**Column Notes:**
(e) Column (c) / Column (d)

**Line Notes:**
(1)(b) Page 2, count of overhead jobs
(1)(c) Page 2, sum of 1(h) through 5(h)
(1)(d) Page 2, sum of 1(d) through 5(d)
(2)(b) Page 2, count of underground jobs
(2)(c) Page 2, sum of 7(h) through 18(h)
(2)(d) Page 2, sum of 7(d) through 18(d)

**Narragansett Electric**
Overhead Costs

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Line #** | **SAP Work Order** | **Year** | **Total Costs (Excludes Payments)** | **CLF** | **Payment** | **JO Pole Debits/Credits** | **NGrid Job Cost** | **Inflated (*) Actual Job Cost** | **$/FT** | **Town** |
| (1) | 10021177863 | 2016 | $16,112.76 | 305 | $83.73 | ($2,000.00) | $14,112.76 | $13,953.46 | $45.75 | SOUTH KINGSTOWN |
| (2) | 10022387136 | 2016 | $17,243.69 | 410 | $1,842.11 | ($1,500.00) | $15,743.69 | $15,565.97 | $37.97 | COVENTRY |
| (3) | 10020108779 | 2016 | $14,684.00 | 400 | $1,846.29 | ($1,500.00) | $13,184.00 | $13,035.18 | $32.59 | COVENTRY |
| (4) | 10021358535 | 2016 | $18,402.32 | 425 | $2,093.30 | ($2,000.00) | $16,402.32 | $16,217.17 | $38.16 | SOUTH KINGSTOWN |
| (5) | 10019832990 | 2016 | $21,614.70 | 600 | $5,538.86 | $500.00 | $22,114.70 | $21,865.07 | $36.44 | NORTH KINGSTOWN |
| **(6)** | **Total** | | **$88,057.47** | **2,140** | **$11,404.28** | **($6,500.00)** | **$81,557.47** | **$80,636.85** | **$37.68** | |

Underground Costs

| **Line #** | **SAP Work Order** | **Year** | **Total Costs (Excludes Payments)** | **CLF** | **Payment** | **JO Pole Debits/Credits** | **Actual Job Cost** | **Inflated (*) Actual Job Cost** | **$/FT** | **Town** |
|---|---|---|---|---|---|---|---|---|---|---|
| (7) | 10019656014 | 2016 | $12,687.50 | 300 | $3,992.70 | $0.00 | $12,687.50 | $12,544.28 | $41.81 | RICHMOND |
| (8) | 10016697079 | 2016 | $41,821.05 | 350 | $4,537.99 | $0.00 | $41,821.05 | $41,348.97 | $118.14 | PORTSMOUTH |
| (9) | 10020259518 | 2016 | $39,995.89 | 410 | $4,668.55 | $0.00 | $39,995.89 | $39,544.42 | $96.45 | LINCOLN |
| (10) | 10017552335 | 2016 | $14,963.57 | 560 | $6,072.48 | $0.00 | $14,963.57 | $14,794.66 | $26.42 | EXETER |
| (11) | 10016573223 | 2016 | $13,468.39 | 600 | $6,459.75 | $0.00 | $13,468.39 | $13,316.35 | $22.19 | TIVERTON |
| (12) | 10019968521 | 2016 | $33,107.71 | 675 | $9,755.26 | $0.00 | $33,107.71 | $32,733.99 | $48.49 | SMITHFIELD |
| (13) | 10018411966 | 2016 | $36,021.26 | 775 | $12,322.77 | $0.00 | $36,021.26 | $35,614.65 | $45.95 | NORTH KINGSTOWN |
| (14) | 10020765736 | 2016 | $34,546.50 | 1,100 | $14,068.64 | $0.00 | $34,546.50 | $34,156.54 | $31.05 | GLOCESTER |
| (15) | 10019388775 | 2016 | $35,987.54 | 1,200 | $15,256.92 | $0.00 | $35,987.54 | $35,581.31 | $29.65 | CUMBERLAND |
| (16) | 10017043617 | 2016 | $33,584.07 | 1,310 | $17,658.19 | $0.00 | $33,584.07 | $33,204.97 | $25.35 | CHARLESTOWN |
| (17) | 10017834906 | 2016 | $77,102.28 | 1,370 | $19,843.74 | $0.00 | $77,102.28 | $76,231.95 | $55.64 | CRANSTON |
| (18) | 10018781379 | 2016 | $26,960.82 | 1,960 | $26,818.98 | $0.00 | $26,960.82 | $26,656.49 | $13.60 | COVENTRY |
| **(19)** | **Total** | | **$400,246.58** | **10,610** | **$141,455.97** | **$0.00** | **$400,246.58** | **$395,728.58** | **$37.30** | |

**(*) The Handy Whitman electric utility inflation tables were used to escalate historical actual job costs to 2017 dollars.**

| Handy Whitman Electric Inflation Table | **2016** | **98.9%** |
|---|---|---|

Workpapers of
the Pricing Panel

Workpapers of the Pricing Panel

Workpaper
PP-1-ELEC

Workpaper PP-1-ELEC

Test and Rate Year Billings

**The Narragansett Electric Company d/b/a National Grid**
**Test Year and Rate Year Billings**

| | | Test Year Ended June 30, 3017 (a) | Adjusted Test Year June 30, 3017 (b) | Proforma Adjustment (c) | Rate Year Ending August 31, 2019 (d) |
|---|---|---|---|---|---|
| | **Distribution Revenue** | | | | |
| (1) | Customer | $56,691,544 | $56,203,043 | $2,265,282 | $58,468,325 |
| (2) | Distribution | $181,979,904 | $184,989,411 | ($5,602,581) | $179,386,831 |
| (3) | Revenue Decoupling Mechanism Adjustment | $2,933,071 | $9,980,546 | $3,337,299 | $13,317,844 |
| (4) | Subtotal of Annual Target Revenue | $241,604,519 | $251,173,000 | ($0) | $251,173,000 |
| (5) | Infrastructure, Safety and Reliability Capital | $18,366,740 | $16,584,730 | ($538,335) | $16,046,396 |
| (6) | Infrastructure, Safety and Reliability Capital Adjustment | | $2,904,568 | $538,335 | $3,442,903 |
| (7) | Subtotal of Infrastructure, Safety and Reliability Capital Revenue | $18,366,740 | $19,489,298 | $0 | $19,489,298 |
| (8) | **Base Distribution** | **$259,971,259** | **$270,662,298** | **$0** | **$270,662,298** |
| | **Other Distribution Revenue** | | | | |
| (9) | Forfeited Discounts-Electric | $1,657,293 | $1,657,293 | $0 | $1,657,293 |
| (10) | Misc Service Revenue-Electric | $233,788 | $1,510,311 | ($141,992) | $1,368,319 |
| (11) | Rent From Electric Property | $3,822,134 | $2,884,893 | $0 | $2,884,893 |
| (12) | Other Elec Rev-Misc | $1,882,811 | $1,882,811 | $0 | $1,882,811 |
| (13) | Other Elec Rev-Integrated Facilities Agreement | $9,680,425 | $594,288 | $0 | $594,288 |
| (14) | Other Elec Rev-CIAC | $1,197,705 | $0 | $0 | $0 |
| (15) | Other Elec Rev- EE Billing | $131,920 | $0 | $0 | $0 |
| (16) | M-1 Distribution Revenue | $146,486 | $142,527 | $0 | $142,527 |
| (17) | **Total Other Dist Revenue** | **$18,752,562** | **$8,672,124** | **($141,992)** | **$8,530,132** |
| (18) | **Subtotal Distribution Revenue** | **$278,723,821** | **$279,334,422** | **($141,992)** | **$279,192,430** |
| | **Other Delivery Revenue with Uncollectible Recovered through Base Distribution Rates** | | | | |
| (19) | Infrastructure, Safety and Reliability O&M | $8,360,493 | $10,281,965 | ($235,742) | $10,046,223 |
| (20) | CTC (Transition) | $978,140 | $4,253,693 | ($93,139) | $4,160,554 |
| (21) | Pension Adjustment Factor | $4,724,675 | ($6,340,259) | $138,891 | ($6,201,368) |
| (22) | Storm Fund Replenishment Factor | $0 | $21,482,289 | ($470,596) | $21,011,693 |
| (23) | Net Metering Surcharge | $3,283,480 | $1,715,599 | ($37,582) | $1,678,017 |
| (24) | **Subtotal** | **$17,346,788** | **$31,393,288** | **($698,168)** | **$30,695,120** |
| | **Other Delivery and Commodity Revenue with Uncollectible Recovered Outside Base Distribution Rates** | | | | |
| (25) | Standard Offer Service Admininstrive Cost Factor | $10,331,312 | $10,331,312 | $0 | $10,331,312 |
| (26) | Commodity | $269,132,978 | $269,132,978 | $0 | $269,132,978 |
| (27) | Transmission | $181,281,258 | $209,424,626 | ($4,904,102) | $204,520,523 |
| (28) | Energy Efficiency | $78,518,199 | $83,879,844 | ($1,836,632) | $82,043,212 |
| (29) | Long Term Contracting Renewable Energy Recovery | $34,690,580 | $49,528,610 | ($1,084,986) | $48,443,625 |
| (30) | RE Growth | $2,033,798 | $7,843,670 | $271,489 | $8,115,159 |
| (31) | **Subtotal** | **$575,988,125** | **$630,141,040** | **($7,554,230)** | **$622,586,810** |
| | **Gross Earnings Tax** | | | | |
| (32) | **GET** | **$34,789,546** | n/a | n/a | n/a |
| (33) | **Total Other & GET** | **$628,124,459** | **$661,534,328** | **($8,252,398)** | **$653,281,929** |
| (34) | **Total Revenue** | **$906,848,280** | **$940,868,750** | **($8,394,390)** | **$932,474,359** |
| | **Non-Revenue Billings (1)** | | | | |
| (35) | Renewables Charge | $2,233,376 | $2,238,786 | ($49,020) | $2,189,765 |
| (36) | LIHEAP Enhancement | $4,578,123 | $4,802,538 | $107,919 | $4,910,457 |
| (37) | **Subtotal** | **$6,811,500** | **$7,041,324** | **$58,898** | **$7,100,222** |
| (38) | **Total Billings** | **$913,659,780** | **$947,910,073** | **($8,335,492)** | **$939,574,581** |

Column Descriptions:
(a) Per general ledger and billing system
(b) Pages 3 and 8
(c) Column (d)- Column (b)
Line (10) - Account Restoration and Return Check Fee Revenue Adjustment
(d) Pages 5 and 10

Note
(1) Reclassified from Income Statement to Balance Sheet via manual journal entry. Does not include Uncollectible Recovery.

**The Narragansett Electric Company d/b/a National Grid**
**Calculation of Revenue Decoupling and Infrastructure, Safety and Reliability Capital Adjustment and Distribution Revenue**
**Rate Year**

| Line No. | | Residential A-16 / A-60 (a) | Small C&I C-06 (b) | General C&I G-02 (c) | 200 kW Demand B-32 / G-32 (d) | 5000 kW Demand B-62 / G-62 (e) | Lighting S-05/S-06 S-10/S-14 (f) | Propulsion X-01 (g) | Total (h) |
|---|---|---|---|---|---|---|---|---|---|
| (1) | Forecasted Base Distribution Rate Year Revenue | $129,194,990 | $25,741,729 | $37,591,530 | $32,417,661 | $5,058,111 | $7,265,840 | $585,296 | $237,855,156 |
| (2) | Annual Target Revenue - Docket No. 4323 | $133,808,673 | $25,523,701 | $37,328,115 | $36,231,646 | $5,740,035 | $11,977,057 | $563,773 | $251,173,000 |
| (3) | Revenue Decoupling Mechanism Adjustment | $4,613,683 | ($218,028) | ($263,415) | $3,813,985 | $681,924 | $4,711,217 | ($21,523) | $13,317,844 |
| (4) | Forecasted Infrastructure, Safety and Reliability Capital Revenue | $8,486,569 | $1,611,260 | $2,408,031 | $2,045,922 | $560,265 | $882,350 | $51,999 | $16,046,396 |
| (5) | Rate Year Infrastructure, Safety and Reliability Capital Target Revenue | $10,286,614 | $1,892,315 | $2,860,920 | $2,694,074 | $678,107 | $1,016,067 | $61,201 | $19,489,298 |
| (6) | Infrastructure, Safety and Reliability Capital Adjustment | $1,800,045 | $281,055 | $452,889 | $648,152 | $117,842 | $133,717 | $9,202 | $3,442,903 |
| (7) | Total Annual Target Revenue | $144,095,287 | $27,416,016 | $40,189,035 | $38,925,720 | $6,418,142 | $12,993,124 | $624,974 | $270,662,298 |
| (8) | Revenue Decoupling / ISR Capital Adjustment - Total Company | | | | | | | | $16,760,747 |
| (9) | Forecasted kWh - Rate Year | 2,946,725,332 | 598,981,304 | 1,290,927,306 | 1,952,809,776 | 420,270,233 | 62,049,950 | 23,962,704 | 7,295,726,605 |
| (10) | Revenue Decoupling / ISR Capital Adjustment - per kWh | | | | | | | | $0.00230 |
| (11) | Rate Class Revenue Decoupling/ISR Capital Adjustment | $6,769,623 | $1,376,062 | $2,965,696 | $4,486,263 | $965,503 | $142,550 | $55,050 | $16,760,747 |
| (12) | Rate Year Rate Class Revenue | $144,451,182 | $28,729,051 | $42,965,257 | $38,949,846 | $6,583,878 | $8,290,740 | $692,345 | $270,662,298 |

Line Descriptions:
(1) Page 9 Column (c) + Page 10 Column (q)
(2) RIPUC Docket No. 4323, Compliance (Book 2) Attachment 3B (Schedule JAL-1), page 1, Line (45)
(3) Line (2) - Line (1)
(4) Page 10 Column (t)
(5) Per Workpaper MAL-12-ELEC
(6) Line (5) - Line (4)
(7) Line (2) + Line (5)
(8) Line (3) + Line (6)
(9) per Company forecast
(10) Line (8) ÷ Line (9)
(11) Line (9) x Line (10)
(12) Line (1) + Line (4) + Line (11)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
Workpaper PP-1-ELEC
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**The Narragansett Electric Company d/b/a National Grid**
**Delivery Revenue Other Than Distribution Revenue**
**Test Year Billing Units at Current Rates**

| Line No. | Rate Class | Test Year kWh Deliveries (a) | Base Transmission Revenue (b) | Transmission Uncollectible Revenue (c) | Energy Efficiency Revenue (d) | Renewables Charge (e) | Transition Revenue (f) | O&M Revenue (g) | LTCRER Revenue (h) | Net Metering Revenue (j) | Pension Revenue (j) | ReGrowth Revenue (k) | Storm Revenue (l) | LIHEAP Enhancement Revenue (m) | Total Other Delivery Revenue (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | A-16 | 2,843,128,530 | $89,274,236 | $1,108,820 | $31,956,765 | $852,939 | $1,620,583 | $4,605,868 | $18,878,373 | $653,920 | ($2,416,659) | $3,727,482 | $8,188,210 | $3,870,847 | $162,321,383 |
| (2) | A-60 | 223,296,689 | $7,011,516 | $87,086 | $2,509,855 | $66,989 | $127,279 | $361,741 | $1,482,690 | $51,358 | ($189,802) | $318,803 | $643,094 | $331,065 | $12,801,674 |
| (3) | B-32 | 14,186,868 | $338,117 | $4,256 | $159,460 | $4,256 | $8,087 | $11,066 | $94,201 | $3,263 | ($12,059) | $4,777 | $40,858 | $45 | $656,327 |
| (4) | B-62 | 0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (5) | C-06 | 602,259,567 | $16,881,336 | $210,791 | $6,769,398 | $180,678 | $343,288 | $1,011,796 | $3,999,004 | $138,520 | ($511,921) | $752,923 | $1,734,508 | $484,022 | $31,994,341 |
| (6) | C-08 | | | | | | | | | | | | | | $0 |
| (7) | G-02 | 1,300,006,160 | $34,065,441 | $416,002 | $14,612,069 | $390,002 | $741,004 | $1,573,007 | $8,632,041 | $299,001 | ($1,105,005) | $1,169,287 | $3,744,018 | $79,926 | $64,616,793 |
| (8) | G-32 | 1,958,668,481 | $47,543,975 | $587,601 | $22,015,434 | $587,601 | $1,116,441 | $1,527,761 | $13,005,559 | $450,494 | ($1,664,868) | $1,080,799 | $5,640,965 | $10,079 | $91,901,839 |
| (9) | G-62 | 431,699,388 | $9,998,598 | $138,144 | $4,852,301 | $129,510 | $246,069 | $372,375 | $2,866,484 | $99,291 | ($366,944) | $287,284 | $1,243,294 | $121 | $19,866,525 |
| (10) | M-1 | 3,491,554 | $0 | $0 | $39,245 | $1,047 | $1,990 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $42,283 |
| (11) | S-05 | 30,303,659 | $673,044 | $8,485 | $340,613 | $9,091 | $17,273 | $385,463 | $201,216 | $6,970 | ($25,758) | $210,815 | $87,275 | $112 | $1,914,599 |
| (12) | S-06 | 3,451 | $77 | $1 | $39 | $1 | $2 | $44 | $23 | $1 | ($3) | $33 | $10 | $5 | $232 |
| (13) | S-10 | 7,793,834 | $173,101 | $2,182 | $87,603 | $2,338 | $4,442 | $99,138 | $51,751 | $1,793 | ($6,625) | $22,431 | $22,446 | $22,806 | $483,406 |
| (14) | S-14 | 23,949,006 | $531,907 | $6,706 | $269,187 | $7,185 | $13,651 | $304,631 | $159,021 | $5,508 | ($20,357) | $243,982 | $68,973 | $3,502 | $1,593,898 |
| (15) | X-01 | 23,832,403 | $355,579 | $7,626 | $267,876 | $7,150 | $13,584 | $29,076 | $158,247 | $5,481 | ($20,258) | $25,053 | $68,637 | $10 | $918,062 |
| (16) | | 7,462,619,590 | $206,846,926 | $2,577,699 | $83,879,844 | $2,238,786 | $4,253,693 | $10,281,965 | $49,528,610 | $1,715,599 | ($6,340,259) | $7,843,670 | $21,482,289 | $4,802,538 | $389,111,361 |

Column Descriptions:
(a) Lines (1) through (10) and (15): actual kWh deliveries for the period July 2016 through June 2017, page 14
Line (11): S-05 per page 16 line (35), column (c)
Line (12): S-06 per page 15 line (3), column (c)
Line (13): S-10 per page 13 line (40), column (c)
Line (14): S-14 per page 14 line (53), column (c)
(b) page 4, line (19)
(c) page 4, line (20)
(d) page 4, line (23)
(e) page 4, line (24)
(f) page 4, line (25)
(g) page 4, line (26)
(h) page 4, line (21)
(i) page 4, line (22)
(j) page 4, line (28)
(k) page 4, line (29)
(l) page 4, line (27)
(m) page 4, line (30)
(n) sum of columns (b) through (m)

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Workpaper PP-1-ELEC
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**The Narragansett Electric Company d/b/a National Grid**
**Delivery Revenue Other Than Distribution Revenue**
**Test Year Billing Units at Current Rates**

| | A-16 | A-60 | B-32 | B-62 | C-06 | G-02 | G-32 | G-62 | M-1 | S-05 | S-06 | S-10 | S-14 | X-01 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (l) | (m) | (n) | (o) |
| Units | | | | | | | | | | | | | | | |
| (1) Energy (kWh) | 2,843,128,530 | 223,296,689 | 14,186,868 | 0 | 602,259,567 | 1,300,006,160 | 1,958,668,481 | 431,699,388 | 3,491,554 | 30,303,659 | 3,451 | 7,793,834 | 23,949,006 | 23,832,403 | 7,462,619,590 |
| (2) Demand (kW) | | | 39,030.8 | | | 4,630,063.0 | 5,572,649.9 | 1,046,365.5 | | | | | | | 11,288,109 |
| (3) Bills | 4,778,823 | 408,722 | 55 | | 597,558 | 98,674 | 12,443 | 149 | 36 | 138 | 6 | 28,155 | 4,324 | 12 | 5,929,095 |
| (4) Fixtures | | | | | | | | | | 540,552 | 84 | 57,516 | 625,596 | | |
| Rates | | | | | | | | | | | | | | | |
| (5) Transmission Charge | $0.03140 | $0.03140 | $0.01093 | $0.01492 | $0.02803 | $0.01064 | $0.01093 | $0.01492 | $0.00000 | $0.02221 | $0.02221 | $0.02221 | $0.02221 | $0.01492 | |
| (6) Transmission kW | $0.00 | $0.00 | $4.69 | $3.40 | $0.00 | $4.37 | $4.69 | $3.40 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $3.40 | |
| (7) Transmission Uncollectible | $0.00039 | $0.00039 | $0.00030 | $0.00032 | $0.00035 | $0.00032 | $0.00030 | $0.00032 | $0.00000 | $0.00028 | $0.00028 | $0.00028 | $0.00028 | $0.00032 | |
| (8) Long Term Contracting | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00000 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | |
| (9) Net Metering Charge | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00000 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | |
| (10) Energy Efficiency Charge | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | |
| (11) Renewables | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | |
| (12) Transition Charge | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | |
| (13) O&M Charge | $0.00162 | $0.00162 | $0.00078 | ($0.00001) | $0.00168 | $0.00121 | $0.00078 | ($0.00001) | $0.00000 | $0.01272 | $0.01272 | $0.01272 | $0.01272 | $0.00122 | |
| (14) O&M kW | | | | $0.36 | | | | $0.36 | | | | | | | |
| (15) Storm Fund | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00000 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | |
| (16) Pension | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | $0.00000 | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | |
| (17) ReGrowth | $0.78 | $0.78 | $86.86 | $1,928.08 | $1.26 | $11.85 | $86.86 | $1,928.08 | $0.00 | $0.39 | $0.39 | $0.39 | $0.39 | $2,087.71 | |
| (18) LIHEAP Enhancement | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.00 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | |
| Revenues | | | | | | | | | | | | | | | |
| (19) Transmission Charge | $89,274,236 | $7,011,516 | $338,117 | $0 | $16,881,336 | $34,065,441 | $47,543,975 | $9,998,598 | $0 | $673,044 | $77 | $173,101 | $531,907 | $355,579 | $206,846,926 |
| (20) Transmission Uncollectible | $1,108,820 | $87,086 | $4,256 | $0 | $210,791 | $416,002 | $587,601 | $138,144 | $0 | $8,485 | $1 | $2,182 | $6,706 | $7,626 | $2,577,699 |
| (21) Long Term Contracting | $18,878,373 | $1,482,690 | $94,201 | $0 | $3,999,004 | $8,632,041 | $13,005,559 | $2,866,484 | $0 | $201,216 | $23 | $51,751 | $159,021 | $158,247 | $49,528,610 |
| (22) Net Metering | $653,920 | $51,358 | $3,263 | $0 | $138,520 | $299,001 | $450,494 | $99,291 | $0 | $6,970 | $1 | $1,793 | $5,508 | $5,481 | $1,715,599 |
| (23) Energy Efficiency | $31,956,765 | $2,509,855 | $159,460 | $0 | $6,769,398 | $14,612,069 | $22,015,434 | $4,852,301 | $39,245 | $340,613 | $39 | $87,603 | $269,187 | $267,876 | $83,879,844 |
| (24) Renewables | $852,939 | $66,989 | $4,256 | $0 | $180,678 | $390,002 | $587,601 | $129,510 | $1,047 | $9,091 | $1 | $2,338 | $7,185 | $7,150 | $2,238,786 |
| (25) Transition | $1,620,583 | $127,279 | $8,087 | $0 | $343,288 | $741,004 | $1,116,441 | $246,069 | $1,990 | $17,273 | $2 | $4,442 | $13,651 | $13,584 | $4,253,693 |
| (26) O&M Charge | $4,605,868 | $361,741 | $11,066 | $0 | $1,011,796 | $1,573,007 | $1,527,761 | $372,375 | $0 | $385,463 | $44 | $99,138 | $304,631 | $29,076 | $10,281,965 |
| (27) Storm Fund | $8,188,210 | $643,094 | $40,858 | $0 | $1,734,508 | $3,744,018 | $5,640,965 | $1,243,294 | $0 | $87,275 | $10 | $22,446 | $68,973 | $68,637 | $21,482,289 |
| (28) Pension | ($2,416,659) | ($189,802) | ($12,059) | $0 | ($511,921) | ($1,105,005) | ($1,664,868) | ($366,944) | $0 | ($25,758) | ($3) | ($6,625) | ($20,357) | ($20,258) | ($6,340,259) |
| (29) ReGrowth | $3,727,482 | $318,803 | $4,777 | $0 | $752,923 | $1,169,287 | $1,080,799 | $287,284 | $0 | $210,815 | $33 | $22,431 | $243,982 | $25,053 | $7,843,670 |
| (30) LIHEAP Enhancement | $3,870,847 | $331,065 | $45 | $0 | $484,022 | $79,926 | $10,079 | $121 | $0 | $112 | $5 | $22,806 | $3,502 | $10 | $4,802,538 |
| (31) Total Other Delivery Revenue | $154,723,055 | $12,151,806 | $651,505 | $0 | $30,757,396 | $63,367,580 | $90,810,961 | $19,579,120 | $42,283 | $1,703,672 | $194 | $438,169 | $1,346,413 | $893,000 | $389,111,361 |

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**The Narragansett Electric Company d/b/a National Grid**
**Delivery Revenue Other Than Distribution Revenue**
**Rate Year Billing Units at Current Rates**

| Line No. | Rate Class | Rate Year kWh Deliveries (a) | Base Transmission Revenue (b) | Transmission Uncollectible Revenue (c) | Energy Efficiency Revenue (d) | Renewables Charge (e) | Transition Revenue (f) | O&M Revenue (g) | LTCRER Revenue (h) | Net Metering Revenue (j) | Pension Revenue (j) | ReGrowth Revenue (k) | Storm Revenue (l) | LIHEAP Enhancement Revenue (m) | Total Other Delivery Revenue (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | A-16 | 2,723,228,532 | $85,509,376 | $1,062,059 | $30,609,089 | $816,969 | $1,552,240 | $4,411,630 | $18,082,237 | $626,343 | ($2,314,744) | $3,781,046 | $7,842,898 | $3,926,471 | $155,905,614 |
| (2) | A-60 | 223,496,800 | $7,017,800 | $87,164 | $2,512,104 | $67,049 | $127,393 | $362,065 | $1,484,019 | $51,404 | ($189,972) | $340,993 | $643,671 | $354,109 | $12,857,798 |
| (3) | B-32 | 13,230,918 | $308,890 | $3,969 | $148,716 | $3,969 | $7,542 | $10,320 | $87,853 | $3,043 | ($11,246) | $5,225 | $38,105 | $49 | $606,435 |
| (4) | B-62 | 0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| (5) | C-06 | 598,981,304 | $16,789,446 | $209,643 | $6,732,550 | $179,694 | $341,419 | $1,006,289 | $3,977,236 | $137,766 | ($509,134) | $789,506 | $1,725,066 | $507,540 | $31,887,021 |
| (6) | C-08 | | | | | | | | | | | | | | $0 |
| (7) | G-02 | 1,290,927,306 | $33,827,538 | $413,097 | $14,510,023 | $387,278 | $735,829 | $1,562,022 | $8,571,757 | $296,913 | ($1,097,288) | $1,243,485 | $3,717,871 | $84,998 | $64,253,522 |
| (8) | G-32 | 1,939,578,858 | $47,080,600 | $581,874 | $21,800,866 | $581,874 | $1,105,560 | $1,512,872 | $12,878,804 | $446,103 | ($1,648,642) | $1,150,580 | $5,585,987 | $10,730 | $91,087,207 |
| (9) | G-62 | 420,270,233 | $9,733,887 | $134,486 | $4,723,837 | $126,081 | $239,554 | $362,516 | $2,790,594 | $96,662 | ($357,230) | $301,516 | $1,210,378 | $127 | $19,362,409 |
| (10) | M-1 | 3,491,554 | $0 | $0 | $39,245 | $1,047 | $1,990 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $42,283 |
| (11) | S-05 | 30,303,659 | $673,044 | $8,485 | $340,613 | $9,091 | $17,273 | $385,463 | $201,216 | $6,970 | ($25,758) | $210,815 | $87,275 | $112 | $1,914,599 |
| (12) | S-06 | 3,451 | $77 | $1 | $39 | $1 | $2 | $44 | $23 | $1 | ($3) | $33 | $10 | $5 | $232 |
| (13) | S-10 | 7,793,834 | $173,101 | $2,182 | $87,603 | $2,338 | $4,442 | $99,138 | $51,751 | $1,793 | ($6,625) | $22,431 | $22,446 | $22,806 | $483,406 |
| (14) | S-14 | 23,949,006 | $531,907 | $6,706 | $269,187 | $7,185 | $13,651 | $304,631 | $159,021 | $5,508 | ($20,357) | $243,982 | $68,973 | $3,502 | $1,593,898 |
| (15) | X-01 | 23,962,704 | $357,524 | $7,668 | $269,341 | $7,189 | $13,659 | $29,234 | $159,112 | $5,511 | ($20,368) | $25,545 | $69,013 | $10 | $923,437 |
| (16) | | 7,299,218,159 | $202,003,189 | $2,517,335 | $82,043,212 | $2,189,765 | $4,160,554 | $10,046,223 | $48,443,625 | $1,678,017 | ($6,201,368) | $8,115,159 | $21,011,693 | $4,910,457 | $380,917,861 |

Column Descriptions:
(a) Lines (1) through (10) and (15): actual kWh deliveries for the period July 2016 through June 2017, page 14
Line (11): S-05 per page 16 line (35), column (c)
Line (12): S-06 per page 15 line (3), column (c)
Line (13): S-10 per page 13 line (40), column (c)
Line (14): S-14 per page 14 line (53), column (c)
(b) page 6, line (19)
(c) page 4, line (20)
(d) page 4, line (23)
(e) page 4, line (24)
(f) page 4, line (25)
(g) page 4, line (26)
(h) page 4, line (21)
(i) page 4, line (22)
(j) page 4, line (28)
(k) page 4, line (29)
(l) page 4, line (27)
(m) page 4, line (30)
(n) sum of columns (b) through (m)

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**The Narragansett Electric Company d/b/a National Grid**
**Delivery Revenue Other Than Distribution Revenue**
**Rate Year Billing Units at Current Rates**

| | A-16 | A-60 | B-32 | B-62 | C-06 | G-02 | G-32 | G-62 | M-1 | S-05 | S-06 | S-10 | S-14 | X-01 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (l) | (m) | (n) | (o) |
| Units | | | | | | | | | | | | | | | |
| (1) Energy (kWh) | 2,723,228,532 | 223,496,800 | 13,230,918 | 0 | 598,981,304 | 1,290,927,306 | 1,939,578,858 | 420,270,233 | 3,491,554 | 30,303,659 | 3,451 | 7,793,834 | 23,949,006 | 23,962,704 | 7,299,218,159 |
| (2) Demand (kW) | | | 35,026.8 | | | 4,597,728.0 | 5,518,337.6 | 1,018,663.2 | | | | | | | 11,169,756 |
| (3) Bills | 4,847,495 | 437,171 | 60 | - | 626,592 | 104,935 | 13,246 | 156 | | 138 | 6 | 28,155 | 4,324 | 12 | 6,062,292 |
| (4) Fixtures | | | | | | | | | | 540,552 | 84 | 57,516 | 625,596 | | |
| Rates | | | | | | | | | | | | | | | |
| (5) Transmission Charge | $0.03140 | $0.03140 | $0.01093 | $0.01492 | $0.02803 | $0.01064 | $0.01093 | $0.01492 | $0.00000 | $0.02221 | $0.02221 | $0.02221 | $0.02221 | $0.01492 | |
| (6) Transmission kW | $0.00 | $0.00 | $4.69 | $3.40 | $0.00 | $4.37 | $4.69 | $3.40 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $3.40 | |
| (7) Transmission Uncollectible | $0.00039 | $0.00039 | $0.00030 | $0.00032 | $0.00035 | $0.00032 | $0.00030 | $0.00032 | $0.00000 | $0.00028 | $0.00028 | $0.00028 | $0.00028 | $0.00032 | |
| (8) Long Term Contracting | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00000 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | $0.00664 | |
| (9) Net Metering Charge | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00000 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | |
| (10) Energy Efficiency Charge | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | $0.01124 | |
| (11) Renewables | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | |
| (12) Transition Charge | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | $0.00057 | |
| (13) O&M Charge | $0.00162 | $0.00162 | $0.00078 | ($0.00001) | $0.00168 | $0.00121 | $0.00078 | ($0.00001) | $0.00000 | $0.01272 | $0.01272 | $0.01272 | $0.01272 | $0.00122 | |
| (14) O&M kW | | | | $0.36 | | | | $0.36 | | | | | | | |
| (15) Storm Fund | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00000 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | $0.00288 | |
| (16) Pension | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | $0.00000 | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | ($0.00085) | |
| (17) ReGrowth | $0.78 | $0.78 | $86.86 | $1,928.08 | $1.26 | $11.85 | $86.86 | $1,928.08 | $0.00 | $0.39 | $0.39 | $0.39 | $0.39 | $2,087.71 | |
| (18) LIHEAP Enhancement | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | $0.00 | $0.81 | $0.81 | $0.81 | $0.81 | $0.81 | |
| Revenues | | | | | | | | | | | | | | | |
| (19) Transmission Charge | $85,509,376 | $7,017,800 | $308,890 | $0 | $16,789,446 | $33,827,538 | $47,080,600 | $9,733,887 | $0 | $673,044 | $77 | $173,101 | $531,907 | $357,524 | $202,003,189 |
| (20) Transmission Uncollectible | $1,062,059 | $87,164 | $3,969 | $0 | $209,643 | $413,097 | $581,874 | $134,486 | $0 | $8,485 | $1 | $2,182 | $6,706 | $7,668 | $2,517,335 |
| (21) Long Term Contracting | $18,082,237 | $1,484,019 | $87,853 | $0 | $3,977,236 | $8,571,757 | $12,878,804 | $2,790,594 | $0 | $201,216 | $23 | $51,751 | $159,021 | $159,112 | $48,443,625 |
| (22) Net Metering | $626,343 | $51,404 | $3,043 | $0 | $137,766 | $296,913 | $446,103 | $96,662 | $0 | $6,970 | $1 | $1,793 | $5,508 | $5,511 | $1,678,017 |
| (23) Energy Efficiency | $30,609,089 | $2,512,104 | $148,716 | $0 | $6,732,550 | $14,510,023 | $21,800,866 | $4,723,837 | $39,245 | $340,613 | $39 | $87,603 | $269,187 | $269,341 | $82,043,212 |
| (24) Renewables | $816,969 | $67,049 | $3,969 | $0 | $179,694 | $387,278 | $581,874 | $126,081 | $1,047 | $9,091 | $1 | $2,338 | $7,185 | $7,189 | $2,189,765 |
| (25) Transition | $1,552,240 | $127,393 | $7,542 | $0 | $341,419 | $735,829 | $1,105,560 | $239,554 | $1,990 | $17,273 | $2 | $4,442 | $13,651 | $13,659 | $4,160,554 |
| (26) O&M Charge | $4,411,630 | $362,065 | $10,320 | $0 | $1,006,289 | $1,562,022 | $1,512,872 | $362,516 | $0 | $385,463 | $44 | $99,138 | $304,631 | $29,234 | $10,046,223 |
| (27) Storm Fund | $7,842,898 | $643,671 | $38,105 | $0 | $1,725,066 | $3,717,871 | $5,585,987 | $1,210,378 | $0 | $87,275 | $10 | $22,446 | $68,973 | $69,013 | $21,011,693 |
| (28) Pension | ($2,314,744) | ($189,972) | ($11,246) | $0 | ($509,134) | ($1,097,288) | ($1,648,642) | ($357,230) | $0 | ($25,758) | ($3) | ($6,625) | ($20,357) | ($20,368) | ($6,201,368) |
| (29) ReGrowth | $3,781,046 | $340,993 | $5,225 | $0 | $789,506 | $1,243,485 | $1,150,580 | $301,516 | $0 | $210,815 | $33 | $22,431 | $243,982 | $25,545 | $8,115,159 |
| (30) LIHEAP Enhancement | $3,926,471 | $354,109 | $49 | $0 | $507,540 | $84,998 | $10,730 | $127 | $0 | $112 | $5 | $22,806 | $3,502 | $10 | $4,910,457 |
| (31) Total Other Delivery Revenue | $155,905,614 | $12,857,798 | $606,435 | $0 | $31,887,021 | $64,253,522 | $91,087,207 | $19,362,409 | $42,283 | $1,914,599 | $232 | $483,406 | $1,593,898 | $923,437 | $380,917,861 |

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**The Narragansett Electric Company d/b/a National Grid**
**Test Year Billing Determinants at Current Rates**

| Line No. | Rate Class | Description | Includes | Annual Bills/Fixtures | Monthly Customer / Fixture Charge | Customer Charge Revenue | Fixture Revenue | Billing Demand | Demand Charge | Demand Charge Revenue | kWh Deliveries | kWh Charge | kWh Charge Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
| (1) | A-16 | Residential | A-16,A-60 | 5,187,545 | | $23,894,115 | | | | | 3,066,425,219 | | $109,346,014 |
| (2) | C-06 | Small C&I | C-06, C-08 | 597,558 | | $5,946,088 | | | | | 602,259,567 | | $19,622,073 |
| (3) | G-02 | General C&I | G-02 | 98,674 | | $13,320,990 | | 3,619,353 | | $17,553,862 | 1,300,006,160 | | $6,084,029 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 12,498 | | $10,310,850 | | 3,214,593 | | $11,607,056 | 1,972,855,349 | | $10,870,433 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 149 | | $2,533,000 | | 1,046,366 | | $3,128,633 | 431,699,388 | | $0 |
| (6) | S | Lighting | S-05/06/10/14 | 60,254 | | | $6,461,580 | | | | 62,049,950 | | $804,259 |
| (7) | X-01 | Propulsion | X-01 | 12 | | $198,000 | | | | | 23,832,403 | | $381,318 |
| (8) | | | | | | $56,203,043 | $6,461,580 | 7,880,312 | | $32,289,551 | 7,459,128,036 | | $147,108,126 |
| (9) | A-16 | Residential Basic | | 4,778,823 | $5.00 | $23,894,115 | | | | | 2,843,128,530 | $0.03664 | $104,172,229 |
| (10) | A-60 | Resid. Low Income | | 408,722 | - | $0 | | | | | 223,296,689 | $0.02317 | $5,173,784 |
| (11) | B-32 | C&I Back-up | | 55 | $825.00 | $45,375 | | 130,544 | See below | $196,072 | 14,186,868 | $0.00551 | $78,170 |
| (12) | B-62 | 3000 kW Back-up | | - | $17,000.00 | $0 | | - | See below | $0 | - | - | $0 |
| (13) | C-06 | Small C&I | | 590,185 | $10.00 | $5,901,850 | | | | | 598,577,597 | See below | $19,486,159 |
| (14) | C-08 | Small C&I Unmetrd | | 7,373 | $6.00 | $44,238 | | | | | 3,681,970 | See below | $135,914 |
| (15) | G-02 | General C&I | | 98,674 | $135.00 | $13,320,990 | | 3,619,353 | $4.85 | $17,553,862 | 1,300,006,160 | $0.00468 | $6,084,029 |
| (16) | G-32 | 200 kW Demand | | 12,443 | $825.00 | $10,265,475 | | 3,084,050 | $3.70 | $11,410,985 | 1,958,668,481 | $0.00551 | $10,792,263 |
| (17) | G-62 | 5000 kW Demand | | 149 | $17,000.00 | $2,533,000 | | 1,046,366 | $2.99 | $3,128,633 | 431,699,388 | - | $0 |
| (18) | S-05 | Customer Owned SL | | | | | | | | | 30,303,659 | $0.02654 | $804,259 |
| (19) | S-06 | Decorative Lighting | | 14 | $450.54 | | $6,308 | | | | 3,451 | | $0 |
| (20) | S-10 | Private Lighting | | 5,124 | $157.93 | | $809,211 | | | | 7,793,834 | - | $0 |
| (21) | S-14 | Streetlighting | | 55,116 | $102.44 | | $5,646,062 | | | | 23,949,006 | - | $0 |
| (22) | X-01 | X-01 | | 12 | $16,500.00 | $198,000 | | | | | 23,832,403 | $0.01600 | $381,318 |
| (23) | | | | | | $56,203,043 | $6,461,580 | 7,880,312 | | $32,289,551 | 7,459,128,036 | | $147,108,126 |
| | | B-32 C&I Back-up | | | | | | | | | | | |
| (24) | | Back-up | | | | | | 95,646.4 | $0.70 | $66,952 | | | |
| (25) | | Supplemental | | | | | | 34,897.1 | $3.70 | $129,119 | | | |
| (26) | | | | | | | | 130,543.5 | | $196,072 | | | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | |
| (27) | | Back-up | | | | | | - | $0.30 | $0 | | | |
| (28) | | Supplemental | | | | | | - | $2.99 | $0 | | | |
| (29) | | | | | | | | - | | $0 | | | |
| | | C-06 Small C&I | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | 598,577,597 | $0.03253 | $19,471,729 |
| (31) | | Over 25 kVA | | | | | | | | | 7,800 | $1.85 | $14,430 |
| (32) | | | | | | | | | | | | | $19,486,159 |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | 3,681,970 | $0.03253 | $119,774 |
| (34) | | Over 25 kVA | | | | | | | | | 8,724 | $1.85 | $16,139 |
| (35) | | | | | | | | | | | | | $135,914 |
| (36) | M-1 | Station Power | | 36 | $3,959.09 | $142,527 | | | | | | | |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
Workpaper PP-1-ELEC
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**The Narragansett Electric Company d/b/a National Grid**
**Test Year Billing Determinants at Current Rates (continued)**

| Line No. | Rate Class | Description | Includes | HVD Billing Units | HVD Credit Revenue | HVM Billing Units | HVM Credit Revenue | Feeder Service Billing Units | Feeder Service Revenue | Distribution kW and kWh Revenue | FY 2018 CapEx Charge (kW) | FY 2018 CapEx Charge (kWh) | Cap Ex Revenue | Total Distribution Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (k) | (l) | (m) | (n) | (o) | (p) | (q) | (r) | (s) | (t) | (u) |
| (1) | A-16 | Residential | A-16,A-60 | | | | | | | $109,346,014 | | | $8,831,305 | $142,071,433 |
| (2) | C-06 | Small C&I | C-06, C-08 | | | | | | | $19,622,073 | | | $1,620,078 | $27,188,239 |
| (3) | G-02 | General C&I | G-02 | 65,304 | ($28,968) | $36,958,881 | ($18,462) | | | $23,590,460 | | | $2,424,967 | $39,336,416 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 1,496,677 | ($663,915) | $33,601,426 | ($316,500) | 295,668 | $813,087 | $22,310,162 | | | $2,198,813 | $34,819,825 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 918,002 | ($407,219) | $5,661,633 | ($247,869) | | | $2,473,545 | | | $575,501 | $5,582,046 |
| (6) | S | Lighting | S-05/06/10/14 | | | | | | | $7,265,840 | | | $882,350 | $8,148,190 |
| (7) | X-01 | Propulsion | X-01 | | | | | | | $381,318 | | | $51,716 | $631,035 |
| (8) | | | | 2,479,984 | ($1,100,102) | $76,221,940 | ($582,831) | 295,668 | $813,087 | $184,989,411 | | | $16,584,730 | $257,777,185 |
| (9) | A-16 | Residential Basic | | | | | | | | $104,172,229 | | $0.00288 | $8,188,210 | $136,254,555 |
| (10) | A-60 | Resid. Low Income | | | | | | | | $5,173,784 | | $0.00288 | $643,094 | $5,816,879 |
| (11) | B-32 | C&I Back-up | | | $0 | $319,616 | ($5,808) | | | $268,433 | | | $9,138 | $322,946 |
| (12) | B-62 | 3000 kW Back-up | | | $0 | $0 | $0 | | | $0 | | | $0 | $0 |
| (13) | C-06 | Small C&I | | | | | | | | $19,486,159 | | $0.00269 | $1,610,174 | $26,998,183 |
| (14) | C-08 | Small C&I Unmetrd | | | | | | | | $135,914 | | $0.00269 | $9,904 | $190,056 |
| (15) | G-02 | General C&I | | 65,304 | ($28,968) | $36,958,881 | ($18,462) | | | $23,590,460 | $0.67 | | $2,424,967 | $39,336,416 |
| (16) | G-32 | 200 kW Demand | | 1,496,677 | ($663,915) | $33,281,810 | ($310,692) | 295,668 | $813,087 | $22,041,728 | $0.71 | | $2,189,675 | $34,496,879 |
| (17) | G-62 | 5000 kW Demand | | 918,002 | ($407,219) | $5,661,633 | ($247,869) | | | $2,473,545 | $0.55 | | $575,501 | $5,582,046 |
| (18) | S-05 | Customer Owned SL | | | | | | | | $804,259 | | $0.01422 | $430,918 | $1,235,177 |
| (19) | S-06 | Decorative Lighting | | | | | | | | $6,308 | | $0.01422 | $49 | $6,357 |
| (20) | S-10 | Private Lighting | | | | | | | | $809,211 | | $0.01422 | $110,828 | $920,039 |
| (21) | S-14 | Streetlighting | | | | | | | | $5,646,062 | | $0.01422 | $340,555 | $5,986,617 |
| (22) | X-01 | X-01 | | | | | | | | $381,318 | | $0.00217 | $51,716 | $631,035 |
| (23) | | | | 2,479,984 | ($1,100,102) | $76,221,940 | ($582,831) | 295,668 | $813,087 | $184,989,411 | | | $16,584,730 | $257,777,185 |
| | | | | Rate | ($0.44) | | | Rate | $2.75 | | | | | |
| | | B-32 C&I Back-up | | | | | | | | | | | | |
| (24) | | Back-up | | | | | | | | | $0.07 | | $6,695.25 | |
| (25) | | Supplemental | | | | | | | | | $0.07 | | $2,442.80 | |
| (26) | | | | | | | | | | | | | $9,138.05 | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | | |
| (27) | | Back-up | | | | | | | | | $0.06 | | $0.00 | |
| (28) | | Supplemental | | | | | | | | | $0.06 | | $0.00 | |
| (29) | | | | | | | | | | | | | $0.00 | |
| | | C-06 Small C&I | | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | | | | |
| (31) | | Over 25 kVA | | | | | | | | | | | | |
| (32) | | | | | | | | | | | | | | |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | | | | |
| (34) | | Over 25 kVA | | | | | | | | | | | | |
| (35) | | | | | | | | | | | | | | |
| (36) | M-1 | Station Power | | | | | | | | | | | | |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
Workpaper PP-1-ELEC
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**The Narragansett Electric Company d/b/a National Grid**
**Rate Year Billing Determinants at Current Rates**

| Line No. | Rate Class | Description | Includes | Annual Bills/Fixtures | Monthly Customer / Fixture Charge | Customer Charge Revenue | Fixture Revenue | Billing Demand | Demand Charge | Demand Charge Revenue | kWh Deliveries | kWh Charge | kWh Charge Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
| (1) | A-16 | Residential | A-16,A-60 | 5,284,666 | | $24,237,476 | | | | | 2,946,725,332 | | $104,957,514 |
| (2) | C-06 | Small C&I | C-06,C-08 | 626,592 | | $6,226,298 | | | | | 598,981,304 | | $19,515,431 |
| (3) | G-02 | General C&I | G-02 | 104,935 | | $14,166,287 | | 3,594,077 | | 17,431,271 | 1,290,927,306 | | $6,041,540 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 13,307 | | $10,977,890 | | 2,996,026 | | 10,798,356 | 1,952,809,776 | | $10,759,982 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 156 | | $2,658,482 | | 1,018,663 | | 3,045,803 | 420,270,233 | | $0 |
| (6) | S | Lighting | S-05/06/10/14 | 60,254 | | | $6,461,580 | | | | 62,049,950 | | $804,259 |
| (7) | X-01 | Propulsion | X-01 | 12 | | $201,893 | | | | | 23,962,704 | | $383,403 |
| (8) | | | | | | $58,468,325 | $6,461,580 | 7,608,765 | | 31,275,430 | 7,295,726,605 | | $142,462,130 |
| (9) | A-16 | Residential Basic | | 4,847,495 | $5.00 | $24,237,476 | | | | | 2,723,228,532 | $0.03664 | $99,779,093 |
| (10) | A-60 | Resid. Low Income | | 437,171 | - | $0 | | | | | 223,496,800 | $0.02317 | $5,178,421 |
| (11) | B-32 | C&I Back-up | | 60 | $825.00 | $49,629 | | 126,964 | See below | 182,826 | 13,230,918 | $0.00551 | $72,902 |
| (12) | B-62 | 3000 kW Back-up | | - | $17,000.00 | $0 | | - | See below | - | - | - | $0 |
| (13) | C-06 | Small C&I | | 616,686 | $10.00 | $6,166,861 | | | | | 595,486,038 | See below | $19,385,591 |
| (14) | C-08 | Small C&I Unmetrd | | 9,906 | $6.00 | $59,437 | | | | | 3,495,266 | See below | $129,840 |
| (15) | G-02 | General C&I | | 104,935 | $135.00 | $14,166,287 | | 3,594,077 | $4.85 | 17,431,271 | 1,290,927,306 | $0.00468 | $6,041,540 |
| (16) | G-32 | 200 kW Demand | | 13,246 | $825.00 | $10,928,261 | | 2,869,062 | $3.70 | 10,615,530 | 1,939,578,858 | $0.00551 | $10,687,080 |
| (17) | G-62 | 5000 kW Demand | | 156 | $17,000.00 | $2,658,482 | | 1,018,663 | $2.99 | 3,045,803 | 420,270,233 | - | $0 |
| (18) | S-05 | Customer Owned SL | | | | | | | | | 30,303,659 | $0.02654 | $804,259 |
| (19) | S-06 | Decorative Lighting | | 14 | $450.54 | | $6,308 | | | | 3,451 | | $0 |
| (20) | S-10 | Private Lighting | | 5,124 | $157.93 | | $809,211 | | | | 7,793,834 | - | $0 |
| (21) | S-14 | Streetlighting | | 55,116 | $102.44 | | $5,646,062 | | | | 23,949,006 | - | $0 |
| (22) | X-01 | X-01 | | 12 | $16,500.00 | $201,893 | | | | | 23,962,704 | $0.01600 | $383,403 |
| (23) | | | | | | $58,468,325 | $6,461,580 | 7,608,765 | | 31,275,430 | 7,295,726,605 | | $142,462,130 |
| | | B-32 C&I Back-up | | | | | | | | | | | |
| (24) | | Back-up | | | | | | 95,646.4 | $0.70 | $66,952 | | | |
| (25) | | Supplemental | | | | | | 31,317.2 | $3.70 | $115,874 | | | |
| (26) | | | | | | | | 126,963.6 | | $182,826 | | | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | |
| (27) | | Back-up | | | | | | - | $0.30 | $0 | | | |
| (28) | | Supplemental | | | | | | - | $2.99 | $0 | | | |
| (29) | | | | | | | | - | | $0 | | | |
| | | C-06 Small C&I | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | 595,486,038 | $0.03253 | $19,371,161 |
| (31) | | Over 25 kVA | | | | | | | | | 7,800 | $1.85 | $14,430 |
| (32) | | | | | | | | | | | | | $19,385,591 |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | 3,495,266 | $0.03253 | $113,701 |
| (34) | | Over 25 kVA | | | | | | | | | 8,724 | $1.85 | $16,139 |
| (35) | | | | | | | | | | | | | $129,840 |
| (36) | M-1 | Station Power | | 36 | $3,959.09 | $142,527 | | | | | | | |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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**The Narragansett Electric Company d/b/a National Grid**
**Rate Year Billing Determinants at Current Rates (continued)**

| Line No. | Rate Class | Description | Includes | HVD Billing Units (k) | HVD Credit Revenue (l) | HVM Billing Units (m) | HVM Credit Revenue (n) | Feeder Service Billing Units (o) | Feeder Service Revenue (p) | Distribution kW and kWh Revenue (q) | FY 18 CapEx Charge (kW) (r) | FY 18 CapEx Charge (kWh) (s) | FY 2018 Cap Ex Revenue (t) | Total Distribution Revenue (u) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | A-16 | Residential | A-16,A-60 | | | | | | | $104,957,514 | | | $8,486,569 | $137,681,559 |
| (2) | C-06 | Small C&I | C-06,C-08 | | | | | | | $19,515,431 | | | $1,611,260 | $27,352,989 |
| (3) | G-02 | General C&I | G-02 | 64,848 | ($28,766) | $37,639,098 | ($18,802) | | | $23,425,242 | | | $2,408,031 | $39,999,561 |
| (4) | G-32 | 200 kW Demand | B-32,G-32 | 1,392,345 | ($617,634) | $33,349,315 | ($314,020) | 295,668 | $813,087 | $21,439,771 | | | $2,045,922 | $34,463,582 |
| (5) | G-62 | 5000 kW Demand | B-62,G-62 | 893,698 | ($396,438) | $5,704,285 | ($249,736) | | | $2,399,629 | | | $560,265 | $5,618,376 |
| (6) | S | Lighting | S-05/06/10/14 | | | | | | | $7,265,840 | | | $882,350 | $8,148,190 |
| (7) | X-01 | Propulsion | X-01 | | | | | | | $383,403 | | | $51,999 | $637,295 |
| (8) | | | | 2,350,891 | ($1,042,838) | $76,692,698 | ($582,559) | 295,668 | $813,087 | $179,386,831 | | | $16,046,396 | $253,901,551 |
| (9) | A-16 | Residential Basic | | | | | | | | $99,779,093 | | $0.00288 | $7,842,898 | $131,859,467 |
| (10) | A-60 | Resid. Low Income | | | | | | | | $5,178,421 | | $0.00288 | $643,671 | $5,822,092 |
| (11) | B-32 | C&I Back-up | | | $0 | $305,357 | ($5,549) | | | $250,179 | | | $8,887 | $308,696 |
| (12) | B-62 | 3000 kW Back-up | | | $0 | $0 | $0 | | | $0 | | | $0 | $0 |
| (13) | C-06 | Small C&I | | | | | | | | $19,385,591 | | $0.00269 | $1,601,857 | $27,154,310 |
| (14) | C-08 | Small C&I Unmetrd | | | | | | | | $129,840 | | $0.00269 | $9,402 | $198,679 |
| (15) | G-02 | General C&I | | 64,848 | ($28,766) | $37,639,098 | ($18,802) | | | $23,425,242 | $0.67 | | $2,408,031 | $39,999,561 |
| (16) | G-32 | 200 kW Demand | | 1,392,345 | ($617,634) | $33,043,958 | ($308,471) | 295,668 | $813,087 | $21,189,592 | $0.71 | | $2,037,034 | $34,154,887 |
| (17) | G-62 | 5000 kW Demand | | 893,698 | ($396,438) | $5,704,285 | ($249,736) | | | $2,399,629 | $0.55 | | $560,265 | $5,618,376 |
| (18) | S-05 | Customer Owned SL | | | | | | | | $804,259 | | $0.01422 | $430,918 | $1,235,177 |
| (19) | S-06 | Decorative Lighting | | | | | | | | $6,308 | | $0.01422 | $49 | $6,357 |
| (20) | S-10 | Private Lighting | | | | | | | | $809,211 | | $0.01422 | $110,828 | $920,039 |
| (21) | S-14 | Streetlighting | | | | | | | | $5,646,062 | | $0.01422 | $340,555 | $5,986,617 |
| (22) | X-01 | X-01 | | | | | | | | $383,403 | | $0.00217 | $51,999 | $637,295 |
| (23) | | | | 2,350,891 | ($1,042,838) | $76,692,698 | ($582,559) | 295,668 | $813,087 | $179,386,831 | | | $16,046,396 | $253,901,551 |
| | | | | Rate | ($0.44) | | | Rate | $2.75 | | | | | |
| | | B-32 C&I Back-up | | | | | | | | | | | | |
| (24) | | Back-up | | | | | | | | | $0.07 | | $6,695.25 | |
| (25) | | Supplemental | | | | | | | | | $0.07 | | $2,192.20 | |
| (26) | | | | | | | | | | | | | $8,887.45 | |
| | | B-62 5000 kW Back-up | | | | | | | | | | | | |
| (27) | | Back-up | | | | | | | | | $0.06 | | $0.00 | |
| (28) | | Supplemental | | | | | | | | | $0.06 | | $0.00 | |
| (29) | | | | | | | | | | | | | $0.00 | |
| | | C-06 Small C&I | | | | | | | | | | | | |
| (30) | | kWh | | | | | | | | | | | | |
| (31) | | Over 25 kVA | | | | | | | | | | | | |
| (32) | | | | | | | | | | | | | | |
| | | C-08 Small C&I Unmetered | | | | | | | | | | | | |
| (33) | | kWh | | | | | | | | | | | | |
| (34) | | Over 25 kVA | | | | | | | | | | | | |
| (35) | | | | | | | | | | | | | | |
| (36) | M-1 | Station Power | | | | | | | | | | | | |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
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**The Narragansett Electric Company d/b/a National Grid**
**Test Year kWh and Customer Counts**

**kWh Deliveries**

| Rate Class | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A-16 | 276,682,977 | 340,404,826 | 300,557,459 | 208,684,979 | 191,076,089 | 220,739,138 | 252,108,043 | 233,108,951 | 216,966,686 | 212,721,080 | 181,988,443 | 208,089,859 | 2,843,128,530 |
| A-60 | 21,035,433 | 25,257,610 | 22,359,260 | 16,270,586 | 15,217,176 | 17,635,481 | 20,779,372 | 18,795,178 | 17,159,044 | 17,236,272 | 15,059,950 | 16,491,327 | 223,296,689 |
| B-32 | 1,954,199 | 1,491,047 | 1,180,064 | 1,027,590 | 1,416,726 | 1,101,682 | 703,207 | 730,713 | 745,940 | 846,859 | 789,781 | 2,199,060 | 14,186,868 |
| B-62 | | | | | | | | | | | | | - |
| C-06 | 53,801,181 | 58,905,494 | 56,584,935 | 45,986,519 | 41,578,622 | 44,765,364 | 51,771,382 | 50,462,227 | 49,066,370 | 48,819,431 | 45,524,418 | 51,311,654 | 598,577,597 |
| C-08 | 306,788 | 343,573 | 312,773 | 319,869 | 328,910 | 341,205 | 309,773 | 286,097 | 283,932 | 282,557 | 283,602 | 282,891 | 3,681,970 |
| G-02 | 122,799,952 | 130,797,496 | 128,603,649 | 106,141,077 | 96,570,758 | 99,457,256 | 107,697,512 | 101,923,880 | 103,684,327 | 101,534,869 | 95,569,388 | 105,225,996 | 1,300,006,160 |
| G-32 | 173,013,802 | 184,297,849 | 187,550,049 | 162,051,725 | 153,180,831 | 156,420,880 | 162,928,529 | 152,140,252 | 156,495,280 | 158,871,559 | 151,742,652 | 159,975,073 | 1,958,668,481 |
| G-62 | 36,861,340 | 39,699,800 | 40,229,952 | 37,366,417 | 33,362,351 | 35,801,268 | 35,885,141 | 35,365,105 | 34,687,874 | 34,848,293 | 29,619,450 | 37,972,397 | 431,699,388 |
| M-01 | 336,280 | 141,840 | 92,790 | 291,021 | 267,120 | 311,485 | 280,387 | 543,384 | 433,602 | 465,284 | 91,470 | 236,891 | 3,491,554 |
| S-05 | | | | | | | | | | | | | - |
| S-06 | | | | | | | | | | | | | - |
| S-10 | 2,997,636 | 2,965,303 | 3,535,294 | 4,144,315 | 4,268,515 | 4,630,537 | 5,101,139 | 4,193,967 | 3,744,260 | 2,510,705 | (3,369,134) | 8,972,493 | 43,695,030 |
| S-14 | | | | | | | | | | | | | - |
| X-01 | 2,037,817 | 2,035,447 | 1,931,119 | 1,959,607 | 1,890,091 | 2,119,277 | 1,829,122 | 1,943,050 | 1,804,590 | 2,203,445 | 2,096,059 | 1,982,779 | 23,832,403 |
| Total | 691,827,405 | 786,340,285 | 742,937,344 | 584,243,705 | 539,157,189 | 583,323,573 | 639,393,607 | 599,492,804 | 585,071,905 | 580,340,354 | 519,396,079 | 592,740,420 | 7,444,264,670 |

**Customer Count**

| Rate Class | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A-16 | 398,573 | 400,122 | 399,661 | 401,133 | 403,297 | 385,442 | 399,827 | 403,861 | 387,046 | 394,396 | 400,555 | 404,910 | 4,778,823 |
| A-60 | 35,080 | 34,946 | 34,517 | 34,783 | 34,504 | 32,416 | 33,909 | 33,542 | 31,591 | 32,580 | 35,339 | 35,515 | 408,722 |
| B-32 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 55 |
| B-62 | | | | | | | | | | | | | - |
| C-06 | 48,996 | 49,112 | 49,079 | 49,224 | 49,431 | 47,325 | 49,477 | 49,945 | 48,417 | 49,444 | 49,494 | 50,241 | 590,185 |
| C-08 | 642 | 640 | 646 | 647 | 646 | 644 | 595 | 585 | 582 | 580 | 581 | 585 | 7,373 |
| G-02 | 8,160 | 8,230 | 8,296 | 8,175 | 8,294 | 7,965 | 8,308 | 8,244 | 8,257 | 8,296 | 8,129 | 8,320 | 98,674 |
| G-32 | 1,041 | 1,041 | 1,047 | 1,037 | 1,041 | 1,014 | 1,045 | 1,023 | 1,033 | 1,048 | 1,037 | 1,036 | 12,443 |
| G-62 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 12 | 13 | 149 |
| M-01 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 36 |
| S-05 | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 22 | 102 | 138 |
| S-06 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| S-10* | 2,368 | 2,367 | 2,357 | 2,362 | 2,360 | 2,351 | 2,344 | 2,345 | 2,335 | 2,331 | 2,321 | 2,314 | 28,155 |
| S-14 | 366 | 366 | 365 | 365 | 363 | 365 | 365 | 363 | 362 | 360 | 354 | 330 | 4,324 |
| X-01 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 |
| Total | 492,879 | 494,478 | 493,632 | 495,387 | 497,599 | 475,193 | 493,550 | 497,587 | 477,312 | 486,729 | 495,533 | 501,061 | 5,900,940 |

* Not Included in Total

Source: Per Billing System

THE NARRAGANSETT ELECTRIC COMPANY
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**The Narragansett Electric Company d/b/a National Grid**
**Forecasted kWh and Customer Counts**

**kWh Deliveries**

| Mo/Yr | A-16 | A-60 | B-32 | B-62 | C-06 | C-08 | G-02 | G-32 | G-62 | SL | X-01 | Total | SL | Adjusted Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sep-2018 | 254,750,096 | 20,973,642 | 1,193,180 | - | 53,471,181 | 302,448 | 115,955,985 | 174,670,067 | 37,907,022 | 3,935,893 | 2,149,769 | 665,309,283 | 5,170,829 | 666,544,219 |
| Oct-2018 | 195,608,523 | 16,076,853 | 1,090,198 | - | 49,276,750 | 309,929 | 106,821,625 | 160,057,732 | 34,622,863 | 4,254,718 | 1,985,564 | 570,104,755 | 5,170,829 | 571,020,866 |
| Nov-2018 | 185,915,385 | 15,253,496 | 1,029,709 | - | 45,576,267 | 329,951 | 99,090,667 | 150,233,881 | 32,727,171 | 4,849,488 | 1,831,951 | 536,837,964 | 5,170,829 | 537,159,306 |
| Dec-2018 | 225,723,704 | 18,483,449 | 1,091,198 | - | 49,061,089 | 346,409 | 106,376,674 | 159,916,547 | 34,662,340 | 5,020,360 | 1,974,121 | 602,655,891 | 5,170,829 | 602,806,360 |
| Jan-2019 | 255,533,524 | 20,907,904 | 1,129,529 | - | 51,362,580 | 345,955 | 111,148,722 | 166,072,008 | 35,865,471 | 4,898,254 | 2,068,251 | 649,332,198 | 5,170,829 | 649,604,773 |
| Feb-2019 | 236,415,886 | 19,322,648 | 1,078,513 | - | 48,174,701 | 335,469 | 104,526,396 | 157,735,020 | 34,268,074 | 4,842,651 | 1,936,314 | 608,635,672 | 5,170,829 | 608,963,850 |
| Mar-2019 | 222,197,134 | 18,173,399 | 1,050,561 | - | 46,844,258 | 283,552 | 101,679,668 | 153,576,087 | 33,381,843 | 3,835,861 | 1,882,865 | 582,905,229 | 5,170,829 | 584,240,196 |
| Apr-2019 | 195,801,702 | 16,030,504 | 1,027,241 | - | 45,917,115 | 260,814 | 99,676,909 | 150,303,217 | 32,637,184 | 3,404,803 | 1,847,342 | 546,906,831 | 5,170,829 | 548,672,857 |
| May-2019 | 187,143,868 | 15,365,185 | 1,026,296 | - | 46,177,163 | 228,548 | 100,161,480 | 150,467,138 | 32,599,057 | 2,723,309 | 1,859,561 | 537,751,604 | 5,170,829 | 540,199,124 |
| Jun-2019 | 196,955,648 | 16,197,933 | 1,054,783 | - | 47,572,333 | 229,942 | 103,139,068 | 154,745,768 | 33,501,151 | 2,689,589 | 1,915,882 | 558,002,097 | 5,170,829 | 560,483,338 |
| Jul-2019 | 267,594,160 | 22,034,857 | 1,198,189 | - | 54,388,643 | 245,928 | 117,710,607 | 176,064,196 | 38,048,376 | 2,719,000 | 2,189,239 | 682,193,195 | 5,170,829 | 684,645,025 |
| Aug-2019 | 299,588,902 | 24,676,929 | 1,261,523 | - | 57,663,959 | 276,320 | 124,639,504 | 185,737,197 | 40,049,682 | 3,192,232 | 2,321,846 | 739,408,093 | 5,170,829 | 741,386,690 |
| | | | | | | | | | | | | | | - |
| Total | 2,723,228,532 | 223,496,800 | 13,230,918 | - | 595,486,038 | 3,495,266 | 1,290,927,306 | 1,939,578,858 | 420,270,233 | 46,366,157 | 23,962,704 | 7,280,042,812 | 62,049,950 | 7,295,726,605 |

**Customer Count**

| Mo/Yr | A-16 | A-60 | B-32 | B-62 | C-06 | C-08 | G-02 | G-32 | G-62 | SL | X-01 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sep-2018 | 402,920 | 36,336 | 5 | - | 51,262 | 825 | 8,722 | 1,100 | 13 | 568 | 1 | 501,752 |
| Oct-2018 | 403,055 | 36,349 | 5 | - | 51,277 | 825 | 8,722 | 1,099 | 13 | 568 | 1 | 501,914 |
| Nov-2018 | 403,190 | 36,361 | 5 | - | 51,311 | 825 | 8,732 | 1,103 | 13 | 568 | 1 | 502,109 |
| Dec-2018 | 403,325 | 36,373 | 5 | - | 51,338 | 825 | 8,738 | 1,104 | 13 | 568 | 1 | 502,291 |
| Jan-2019 | 403,461 | 36,386 | 5 | - | 51,369 | 825 | 8,745 | 1,106 | 13 | 568 | 1 | 502,479 |
| Feb-2019 | 405,164 | 36,541 | 5 | - | 51,392 | 826 | 8,748 | 1,106 | 13 | 568 | 1 | 504,363 |
| Mar-2019 | 405,697 | 36,589 | 5 | - | 51,414 | 826 | 8,751 | 1,106 | 13 | 568 | 1 | 504,969 |
| Apr-2019 | 403,866 | 36,423 | 5 | - | 51,428 | 826 | 8,752 | 1,105 | 13 | 568 | 1 | 502,987 |
| May-2019 | 404,001 | 36,435 | 5 | - | 51,442 | 826 | 8,751 | 1,104 | 13 | 568 | 1 | 503,146 |
| Jun-2019 | 404,138 | 36,446 | 5 | - | 51,460 | 826 | 8,753 | 1,103 | 13 | 568 | 1 | 503,313 |
| Jul-2019 | 404,272 | 36,460 | 5 | - | 51,487 | 826 | 8,760 | 1,105 | 13 | 568 | 1 | 503,497 |
| Aug-2019 | 404,407 | 36,472 | 5 | - | 51,507 | 826 | 8,762 | 1,105 | 13 | 568 | 1 | 503,667 |
| Total | 4,847,495 | 437,171 | 60 | - | 616,686 | 9,906 | 104,935 | 13,246 | 156 | 6,817 | 12 | 6,036,486 |

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket No. 4770
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**The Narragansett Electric Company d/b/a National Grid**
**Estimated Streetlighting Revenue (S-10)**
**Based on SL Inventory as of June 30, 2017**

| Line No. | Component Code | Wattage | S-10 Units (a) | Annual kWhs (b) | Forecasted kWhs (c) | Current Luminaire Annual Charge (d) | S-10 Annual Revenue (e) |
|---|---|---|---|---|---|---|---|
| | Incandescent | | | | | | |
| (1) | LUM INC RWY 105W | 105 | 6 | 443 | 2,658 | $77.43 | $464.58 |
| (2) | | | | | | | |
| (3) | | Total | 6 | | 2,658 | | $464.58 |
| (4) | | | | | | | |
| (5) | Mercury Vapor | | | | | | |
| (6) | | | | | | | |
| (7) | LUM MV RWY 100W | 100 | 100 | 543 | 54,300 | $78.06 | $7,806.00 |
| (8) | LUM MV RWY 175W | 175 | 115 | 881 | 101,315 | $78.06 | $8,976.90 |
| (9) | LUM MV RWY 400W | 400 | 34 | 1,991 | 67,694 | $163.46 | $5,557.64 |
| (10) | LUM MV RWY 1000W | 1,000 | 4 | 4,572 | 18,288 | $163.46 | $653.84 |
| (11) | LUM MV FLD 400W | 400 | 412 | 1,991 | 820,292 | $181.37 | $74,724.44 |
| (12) | LUM MV FLD 1000W | 1,000 | 207 | 4,572 | 946,404 | $181.37 | $37,543.59 |
| (13) | | | | | | | |
| (14) | | Total | 872 | | 2,008,293 | | $135,262.41 |
| (15) | | | | | | | |
| (16) | High Pressure Sodium Vapor | | | | | | |
| (17) | | | | | | | |
| (18) | LUM HPS RWY 50W | 50 | 116 | 255 | 29,580 | $77.43 | $8,981.88 |
| (19) | LUM HPS RWY 70W | 70 | 271 | 359 | 97,289 | $76.91 | $20,842.61 |
| (20) | LUM HPS RWY 100W | 100 | 192 | 493 | 94,656 | $78.06 | $14,987.52 |
| (21) | LUM HPS RWY 150W | 150 | 16 | 722 | 11,552 | $78.58 | $1,257.28 |
| (22) | LUM HPS RWY 250W | 250 | 185 | 1,269 | 234,765 | $120.39 | $22,272.15 |
| (23) | LUM HPS RWY 400W | 400 | 41 | 1,962 | 80,442 | $163.46 | $6,701.86 |
| (24) | WALL HPS 250W 24 HR | 250 | | 2,663 | 0 | $172.21 | $0.00 |
| (25) | LUM HPS FLD 250W | 250 | 1,013 | 1,269 | 1,285,497 | $146.11 | $148,009.43 |
| (26) | LUM HPS FLD 400W | 400 | 1,977 | 1,962 | 3,878,874 | $181.37 | $358,568.49 |
| (27) | LUM HPS POST 50W | 50 | 43 | 255 | 10,965 | $155.49 | $6,686.07 |
| (28) | LUM HPS POST 100W | 100 | 40 | 493 | 19,720 | $156.80 | $6,272.00 |
| (29) | LUM HPS REC 100W-C1 | 100 | | 493 | 0 | $98.99 | $0.00 |
| (30) | | | | | | | |
| (31) | | Total | 3,894 | | 5,743,340 | | $594,579.29 |
| (32) | | | | | | | |
| (33) | Metal Halide | | | | | | |
| (34) | | | | | | | |
| (35) | LUM MH FLD 400W | 400 | 21 | 1,883 | 39,543 | $181.37 | $3,808.77 |
| (36) | LUM MH FLD 1000W | 1,000 | | 4,502 | 0 | $181.37 | $0.00 |
| (37) | | | | | | | |
| (38) | | Total | 21 | | 39,543 | | $3,808.77 |
| (39) | | | | | | | |
| (40) | Total Fixture Charge Revenue | | 4,793 | | 7,793,834 | | $734,115.05 |
| (41) | | | | | | | |
| (42) | Poles | | | | | | |
| (43) | | | | | | | |
| (44) | POLE-WOOD | Wood | 178 | | | $133.71 | $23,800.38 |
| (45) | POLE FIBR PT EMB<25 | Fiberglass | 97 | | | $260.22 | $25,241.34 |
| (46) | POLE FIBER RWY<25 | Fiberglass | 18 | | | $424.14 | $7,634.52 |
| (47) | POLE METAL =>25 | Aluminum | 38 | | | $484.72 | $18,419.36 |
| (48) | | | | | | | |
| (49) | Total Pole Charge Revenue | | 331 | | | | $75,095.60 |
| (50) | | | | | | | |
| (51) | Total Fixture and Pole Revenue | | 5,124 | | | | $809,210.65 |
| (52) | | | | | | | |
| (53) | Average Fixture Charge per Year (Line 51, column (e) ÷ Line 51, column (a)) | | | | | | $157.93 |

Column Descriptions:
(a) streetlight quantities as of 6/30/2017
(b) per R.I.P.U.C. No. 2167, Limited Service - Private Lighting S-10
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

**The Narragansett Electric Company d/b/a National Grid**
**Estimated Streetlighting Revenue (S-14)**
**Based on SL Inventory as of June 30, 2017**

| Line No. | Component Code | Wattage | S-14 Units (a) | Annual kWhs (b) | Forecasted kWhs (c) | Current Luminaire Annual Charge (d) | S-14 Annual Revenue (e) |
|---|---|---|---|---|---|---|---|
| | Incandescent | | | | | | |
| (1) | LUM INC RWY 105W | 105 | 236 | 443 | 104,548 | $77.43 | $18,273.48 |
| (2) | LUM INC RWY 205W | 205 | 27 | 860 | 23,220 | $77.43 | $2,090.61 |
| (3) | LUM INC RWY 105W TT | 105 | 1 | n/a | n/a | $46.46 | $46.46 |
| (4) | | | | | | | |
| (5) | | Total | 264 | | 127,768 | | $20,410.55 |
| (6) | | | | | | | |
| (7) | Mercury Vapor | | | | | | |
| (8) | | | | | | | |
| (9) | LUM MV RWY 100W | 100 | 2,355 | 543 | 1,278,765 | $78.06 | $183,831.30 |
| (10) | LUM MV RWY 175W | 175 | 239 | 881 | 210,559 | $78.06 | $18,656.34 |
| (11) | LUM MV RWY 250W | 250 | 57 | 1,282 | 73,074 | $120.39 | $6,862.23 |
| (12) | LUM MV RWY 400W | 400 | 716 | 1,991 | 1,425,556 | $163.46 | $117,037.36 |
| (13) | LUM MV RWY 1000W | 1000 | 7 | 4,572 | 32,004 | $163.46 | $1,144.22 |
| (14) | LUM MV FLD 400W | 400 | 28 | 1,991 | 55,748 | $181.37 | $5,078.36 |
| (15) | LUM MV FLD 1000W | 1000 | 3 | 4,572 | 13,716 | $181.37 | $544.11 |
| (16) | LUM MV POST 175W | 175 | 2 | 881 | 1,762 | $156.80 | $313.60 |
| (17) | LUM MV RWY 400W TT | 400 | 1 | n/a | n/a | $98.08 | $98.08 |
| (18) | LUM MV RWY 100W TT | 100 | 2 | n/a | n/a | $46.84 | $93.68 |
| (19) | | | | | | | |
| (20) | | Total | 3,410 | 16,713 | 3,091,184 | | $333,659.28 |
| (21) | Metal Halide | | | | | | |
| (22) | | | | | | | |
| (23) | LUM MH FLD 400W | 400 | | 1,883 | 0 | $181.37 | $0.00 |
| (24) | LUM MH FLD 1000W | 1000 | | 4,502 | 0 | $181.37 | $0.00 |
| (25) | LUM MH FLD 400W TT | 400 | 1 | n/a | n/a | $108.82 | $108.82 |
| (26) | | | | | | | |
| (27) | | Total | 1 | | 0 | | $108.82 |
| (28) | | | | | | | |
| (29) | High Pressure Sodium Vapor | | | | | | |
| (30) | | | | | | | |
| (31) | LUM HPS RWY 50W | 50 | 25,601 | 255 | 6,528,255 | $77.43 | $1,982,285.43 |
| (32) | LUM HPS RWY 70W | 70 | 9,152 | 359 | 3,285,568 | $76.91 | $703,880.32 |
| (33) | LUM HPS RWY 100W | 100 | 5,957 | 493 | 2,936,801 | $78.06 | $465,003.42 |
| (34) | LUM HPS RWY 150W | 150 | 8 | 722 | 5,776 | $78.58 | $628.64 |
| (35) | LUM HPS RWY 250W | 250 | 4,534 | 1,269 | 5,753,646 | $120.39 | $545,848.26 |
| (36) | LUM HPS RWY 400W | 400 | 180 | 1,962 | 353,160 | $163.46 | $29,422.80 |
| (37) | WALL HPS 250W 24 HR | 250 | | 2,663 | 0 | $172.21 | $0.00 |
| (38) | LUM HPS POST 50W | 50 | 50 | 255 | 12,750 | $155.49 | $7,774.50 |
| (39) | LUM HPS POST 100W | 100 | 851 | 493 | 419,543 | $156.80 | $133,436.80 |
| (40) | LUM HPS FLD 250W | 250 | 243 | 1,269 | 308,367 | $146.11 | $35,504.73 |
| (41) | LUM HPS FLD 400W | 400 | 574 | 1,962 | 1,126,188 | $181.37 | $104,106.38 |
| (42) | LUM HPS RWY 50W TT | 50 | 785 | n/a | n/a | $46.46 | $36,471.10 |
| (43) | LUM HPS RWY 70W TT | 70 | 23 | n/a | n/a | $46.15 | $1,061.45 |
| (44) | LUM HPS RWY 100W TT | 100 | 183 | n/a | n/a | $46.84 | $8,571.72 |
| (45) | LUM HPS RWY 250W TT | 250 | 296 | n/a | n/a | $72.23 | $21,380.08 |
| (46) | LUM HPS RWY 400W TT | 400 | 17 | n/a | n/a | $98.08 | $1,667.36 |
| (47) | LUM HPS POST 100W TT | 100 | | n/a | n/a | $94.08 | $0.00 |
| (48) | LUM HPS FLD 250W TT | 250 | 1 | n/a | n/a | $87.67 | $87.67 |
| (49) | LUM HPS FLD 400W TT | 400 | 3 | n/a | n/a | $108.82 | $326.46 |
| (50) | | | | | | | |
| (51) | | Total | 48,458 | | 20,730,054 | | $4,077,457.12 |
| (52) | | | | | | | |
| (53) | Total Fixture Charge Revenue | | 52,133 | | 23,949,006 | | $4,431,635.77 |
| (54) | | | | | | | |
| (55) | Poles | | | | | | |
| (56) | | | | | | | |
| (57) | POLE-WOOD | P | 258 | | | $133.71 | $34,497.18 |
| (58) | POLE FIBR PT EMB<25 | R | 455 | | | $260.22 | $118,400.10 |
| (59) | POLE FIBER PT <25 | C | 628 | | | $424.14 | $266,359.92 |
| (60) | PLFBFDW>25F | D | 52 | | | $473.53 | $24,623.56 |
| (61) | POLE METAL =>25 | T | 1,588 | | | $484.72 | $769,735.36 |
| (62) | POLE METAL EMBEDDED (S-14 Only) | F | 2 | | | $405.16 | $810.32 |
| (63) | | | | | | | |
| (64) | Total Pole Charge Revenue | | 2,983 | | | | $1,214,426.44 |
| (65) | | | | | | | |
| (66) | Total Fixture and Pole Revenue | | 55,116 | | | | $5,646,062.21 |
| (67) | | | | | | | |
| (68) | Average Fixture Charge per Year (Line 66, column (e) ÷ Line 66, column (a)) | | | | | | $102.44 |

Column Descriptions:
(a) streetlight quantities as of 6/30/2017
(b) per R.I.P.U.C. No. 2168, Limited Service - Private Lighting S-14
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

**The Narragansett Electric Company d/b/a National Grid**
**Estimated Streetlighting Revenue (S-06)**
**Based on SL Inventory as of June 30, 2017**

| Line No. | Component Code | Wattage | S-06 Units (a) | Annual kWhs (b) | Forecasted kWhs (c) | Current Luminaire Annual Charge (d) | S-06 Annual Revenue (e) |
|---|---|---|---|---|---|---|---|
| | Lumaires | | | | | | |
| (1) | DEC HPS WL 100W | 100 | 7 | 493 | 3,451 | $325.30 | $2,277.10 |
| (2) | | | | | | | |
| (3) | Total Fixture Charge Revenue | | 7 | | 3,451 | | $2,277.10 |
| (4) | | | | | | | |
| (5) | Poles | | | | | | |
| (6) | | | | | | | |
| (7) | DEC WASH PT/FDN | | 7 | | | $575.78 | $4,030.46 |
| (8) | | | | | | | |
| (9) | Total Pole Charge Revenue | | 7 | | | | $4,030.46 |
| (10) | | | | | | | |
| (11) | Total Fixture and Pole Revenue | | 14 | | | | $6,307.56 |
| (12) | | | | | | | |
| (13) | Average Fixture Charge per Year (Line 45, column (e) ÷ Line 45, column (a)) | | | | | | $450.54 |

Column Descriptions:
(a) streetlight quantities as of 6/30/2017
(b) per R.I.P.U.C. No. 2166, Decorative Street & Area Lighting S-06
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

**The Narragansett Electric Company d/b/a National Grid**
**Estimated Streetlighting Revenue (S-05)**
**Based on SL Inventory as of June 30, 2017**

| Line No. | Light Source | Wattage | S-05 Units (a) | Annual kWhs (b) | Forecasted kWhs (c) | Current Energy Charge (d) | S-05 Annual Revenue (e) |
|---|---|---|---|---|---|---|---|
| | Incandescent | | | | | | |
| (1) | | 105 | 33 | 438 | 14,454 | $0.02654 | $383.61 |
| (2) | | | | | | | |
| (3) | | Total | 33 | | 14,454 | | $383.61 |
| (4) | | | | | | | |
| (5) | Mercury Vapor | | | | | | |
| (6) | | | | | | | |
| (7) | | 100 | 1,518 | 543 | 824,274 | $0.02654 | $21,876.23 |
| (8) | | 175 | 312 | 881 | 274,872 | $0.02654 | $7,295.10 |
| (9) | | 250 | 34 | 1,282 | 43,588 | $0.02654 | $1,156.83 |
| (10) | | 400 | 131 | 1,991 | 260,821 | $0.02654 | $6,922.19 |
| (11) | | 1000 | 61 | 4,572 | 278,892 | $0.02654 | $7,401.79 |
| (12) | | | | | | | |
| (13) | | Total | 2,056 | 9,269 | 1,682,447 | | $44,652.14 |
| (14) | | | | | | | |
| (15) | High Pressure Sodium Vapor | | | | | | |
| (16) | | | | | | | |
| (17) | | 50 | 14703 | 255 | 3,749,265 | $0.02654 | $99,505.49 |
| (18) | | 70 | 4875 | 359 | 1,750,125 | $0.02654 | $46,448.32 |
| (19) | | 100 | 8,891 | 493 | 4,383,263 | $0.02654 | $116,331.80 |
| (20) | | 150 | 28 | 722 | 20,216 | $0.02654 | $536.53 |
| (21) | | 250 | 11,397 | 1,269 | 14,462,793 | $0.02654 | $383,842.53 |
| (22) | | 400 | 2,083 | 1,962 | 4,086,846 | $0.02654 | $108,464.89 |
| (23) | | | | | | | |
| (24) | | Total | 41,977 | | 28,452,508 | | $755,129.56 |
| (25) | | | | | | | |
| (26) | Light Emitting Diode (LED) | | | | | | |
| (27) | | | | | | | |
| (28) | | 10 | 333 | 42 | 13,986 | $0.02654 | $371.19 |
| (29) | | 30 | 1 | 125 | 125 | $0.02654 | $3.32 |
| (30) | | 50 | 605 | 209 | 126,445 | $0.02654 | $3,355.85 |
| (31) | | 80 | 41 | 334 | 13,694 | $0.02654 | $363.44 |
| (32) | | | | | | | |
| (33) | | Total | 980 | | 154,250 | | $4,093.80 |
| (34) | | | | | | | |
| (35) | Total Energy Revenue | | 45,046 | | 30,303,659 | | $804,259.11 |

Column Descriptions:
(a) streetlight quantities as of 6/30/2017
(b) per R.I.P.U.C. No. 2179, Customer Owned Equipment - S-05
(c) column (a) x column (b)
(d) annual charge per tariffs, R.I.P.U.C. 2095, Sheet 3
(e) column (a) x column (d)

Workpaper PP-1(a)-GAS

Test Year Revenue, Normalized Test Year Revenue, Rate Year Revenue

**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**



**Actual Base Distribution Revenue: Actual Volumes: Jul 16 - Jun 17 (Net of GET)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $331,560 | $317,097 | $319,423 | $333,112 | $367,472 | $426,252 | $470,794 | $466,536 | $460,956 | $448,239 | $373,958 | $352,919 | $4,668,318 |
| (2) | Residential non-heat Low Income | $4,440 | $4,046 | $4,012 | $4,320 | $5,680 | $7,925 | $9,356 | $8,918 | $8,684 | $8,676 | $6,442 | $5,465 | $77,964 |
| (3) | Residential heat | $4,303,253 | $4,113,205 | $4,123,124 | $4,673,559 | $7,124,400 | $11,966,786 | $14,966,635 | $14,533,634 | $13,921,686 | $12,778,855 | $6,785,651 | $5,323,414 | $104,614,202 |
| (4) | Residential heat Low Income | $385,009 | $362,600 | $361,923 | $401,215 | $598,805 | $964,127 | $1,153,824 | $1,103,833 | $1,067,855 | $994,324 | $581,517 | $460,562 | $8,435,594 |
| (5) | Small | $569,871 | $554,545 | $532,631 | $569,902 | $861,033 | $1,544,033 | $2,000,579 | $1,944,317 | $1,892,170 | $1,702,850 | $853,336 | $645,132 | $13,670,399 |
| (6) | Medium | $1,170,397 | $1,149,868 | $1,157,045 | $1,271,521 | $1,480,149 | $1,983,342 | $2,384,424 | $2,265,533 | $2,239,719 | $2,018,675 | $1,366,074 | $1,190,570 | $19,677,317 |
| (7) | LLF large | $435,914 | $424,647 | $418,710 | $521,538 | $666,909 | $934,800 | $1,111,499 | $1,024,164 | $1,040,667 | $843,140 | $533,892 | $427,848 | $8,383,728 |
| (8) | LLF XL | $133,766 | $133,432 | $129,025 | $146,534 | $156,690 | $170,751 | $172,800 | $162,472 | $174,132 | $143,588 | $129,479 | $117,568 | $1,770,237 |
| (9) | HLF large | $188,681 | $182,718 | $198,840 | $213,700 | $209,669 | $226,576 | $232,752 | $244,576 | $239,225 | $221,574 | $197,611 | $193,039 | $2,548,961 |
| (10) | HLF XL | $602,521 | $586,444 | $588,009 | $596,574 | $602,931 | $577,207 | $576,842 | $553,554 | $580,165 | $549,968 | $545,144 | $542,245 | $6,901,604 |
| (11) | **Total** | $8,125,412 | $7,828,602 | $7,832,742 | $8,731,975 | $12,073,738 | $18,801,799 | $23,079,505 | $22,307,537 | $21,625,259 | $19,709,889 | $11,373,104 | $9,258,762 | $170,748,324 |

Footnotes:
(1) Pg. 4, Ln (1) + Pg. 8, Ln (1)
(2) Pg. 4, Ln (2) + Pg. 8, Ln (2)
(3) Pg. 4, Ln (3) + Pg. 8, Ln (3)
(4) Pg. 4, Ln (4) + Pg. 8, Ln (4)
(5) Pg. 4, Ln (5) + Pg. 8, Ln (5)
(6) Pg. 4, Ln (6) + Pg. 8, Ln (6) + Pg. 11, Ln (1)
(7) Pg. 4, Ln (7) + Pg. 8, Ln (7) + Pg. 11, Ln (2)
(8) Pg. 4, Ln (8) + Pg. 8, Ln (8) + Pg. 11, Ln (3)
(9) Pg. 4, Ln (9) + Pg. 8, Ln (9) + Pg. 11, Ln (4)
(10) Pg. 4, Ln (10) + Pg. 8, Ln (10) + Pg. 11, Ln (5)
(11) sum[(1):(10]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Customers**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Average Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 19,239 | 19,101 | 19,087 | 19,087 | 19,161 | 19,231 | 19,269 | 19,266 | 19,216 | 19,197 | 19,150 | 19,102 | 19,176 |
| (2) | Residential non-heat Low Income | 269 | 256 | 251 | 246 | 243 | 238 | 233 | 236 | 237 | 245 | 244 | 243 | 245 |
| (3) | Residential heat | 199,963 | 199,871 | 199,934 | 199,651 | 201,272 | 202,873 | 204,578 | 205,459 | 205,163 | 204,681 | 204,404 | 203,856 | 202,642 |
| (4) | Residential heat Low Income | 19,407 | 19,140 | 18,870 | 18,545 | 18,313 | 18,017 | 17,741 | 17,527 | 17,551 | 17,677 | 17,663 | 17,661 | 18,176 |
| (5) | Small | 18,966 | 18,815 | 18,642 | 18,512 | 18,742 | 18,934 | 19,177 | 19,292 | 19,431 | 19,507 | 19,448 | 19,340 | 19,067 |
| (6) | Medium | 4,911 | 4,911 | 4,994 | 4,979 | 5,026 | 5,050 | 5,065 | 5,074 | 5,041 | 5,027 | 5,031 | 5,038 | 5,012 |
| (7) | LLF large | 461 | 462 | 452 | 456 | 460 | 460 | 467 | 461 | 459 | 457 | 456 | 457 | 459 |
| (8) | LLF XL | 38 | 38 | 35 | 36 | 36 | 35 | 36 | 37 | 36 | 36 | 36 | 36 | 36 |
| (9) | HLF large | 167 | 170 | 185 | 187 | 185 | 187 | 189 | 192 | 192 | 193 | 193 | 193 | 186 |
| (10) | HLF XL | 87 | 94 | 93 | 94 | 94 | 93 | 91 | 93 | 93 | 93 | 93 | 93 | 93 |
| (11) | **Total** | 263,508 | 262,858 | 262,543 | 261,793 | 263,532 | 265,118 | 266,846 | 267,637 | 267,419 | 267,113 | 266,718 | 266,019 | 265,092 |

Footnotes:

Column (f):

(1) TEP-6, Pg. 1, Col (f), Ln (1)
(2) TEP-6, Pg. 1, Col (f), Ln (2)
(3) TEP-6, Pg. 1, Col (f), Ln (3)
(4) TEP-6, Pg. 1, Col (f), Ln (4)
(5) TEP-6, Pg. 1, Col (f), Ln (5) + TEP-6, Pg. 1, Col (f), Ln (6)
(6) TEP-6, Pg. 1, Col (f), Ln (7) + TEP-6, Pg. 1, Col (f), Ln (8) + TEP-6, Pg. 1, Col (f), Ln (9)
(7) TEP-6, Pg. 1, Col (f), Ln (10) + TEP-6, Pg. 1, Col (f), Ln (11) + TEP-6, Pg. 1, Col (f), Ln (12)
(8) TEP-6, Pg. 1, Col (f), Ln (16) + TEP-6, Pg. 1, Col (f), Ln (17) + TEP-6, Pg. 1, Col (f), Ln (18)
(9) TEP-6, Pg. 1, Col (f), Ln (13) + TEP-6, Pg. 1, Col (f), Ln (14) + TEP-6, Pg. 1, Col (f), Ln (15)
(10) TEP-6, Pg. 1, Col (f), Ln (19) + TEP-6, Pg. 1, Col (f), Ln (20) + TEP-6, Pg. 1, Col (f), Ln (21)
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Customer Charge ($)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | Residential non-heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (3) | Residential heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | Residential heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (5) | Small | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 |
| (6) | Medium | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 |
| (7) | LLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (8) | LLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |
| (9) | HLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (10) | HLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |

Footnotes:
(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(2) RIPUC NG-GAS No. 101, Section 4, Schedule B
(3) RIPUC NG-GAS No. 101, Section 4, Schedule C
(4) RIPUC NG-GAS No. 101, Section 4, Schedule D
(5) RIPUC NG-GAS No. 101, Section 5, Schedule A
(6) RIPUC NG-GAS No. 101, Section 5, Schedule B
(7) RIPUC NG-GAS No. 101, Section 5, Schedule E
(8) RIPUC NG-GAS No. 101, Section 5, Schedule F
(9) RIPUC NG-GAS No. 101, Section 5, Schedule C
(10) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Customer Charge Revenue**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $250,107 | $248,313 | $248,131 | $248,131 | $249,093 | $250,003 | $250,497 | $250,458 | $249,808 | $249,561 | $248,950 | $248,326 | $2,991,378 |
| (2) | Residential non-heat Low Income | $3,147 | $2,995 | $2,937 | $2,878 | $2,843 | $2,785 | $2,726 | $2,761 | $2,773 | $2,867 | $2,855 | $2,843 | $34,410 |
| (3) | Residential heat | $2,599,519 | $2,598,323 | $2,599,142 | $2,595,463 | $2,616,536 | $2,637,349 | $2,659,514 | $2,670,967 | $2,667,119 | $2,660,853 | $2,657,252 | $2,650,128 | $31,612,165 |
| (4) | Residential heat Low Income | $227,062 | $223,938 | $220,779 | $216,977 | $214,262 | $210,799 | $207,570 | $205,066 | $205,347 | $206,821 | $206,657 | $206,634 | $2,551,912 |
| (5) | Small | $417,252 | $413,930 | $410,124 | $407,264 | $412,324 | $416,548 | $421,894 | $424,424 | $427,482 | $429,154 | $427,856 | $425,480 | $5,033,732 |
| (6) | Medium | $343,770 | $343,770 | $349,580 | $348,530 | $351,820 | $353,500 | $354,550 | $355,180 | $352,870 | $351,890 | $352,170 | $352,660 | $4,210,290 |
| (7) | LLF large | $80,675 | $80,850 | $79,100 | $79,800 | $80,500 | $80,500 | $81,725 | $80,675 | $80,325 | $79,975 | $79,800 | $79,975 | $963,900 |
| (8) | LLF XL | $16,150 | $16,150 | $14,875 | $15,300 | $15,300 | $14,875 | $15,300 | $15,725 | $15,300 | $15,300 | $15,300 | $15,300 | $184,875 |
| (9) | HLF large | $29,225 | $29,750 | $32,375 | $32,725 | $32,375 | $32,725 | $33,075 | $33,600 | $33,600 | $33,775 | $33,775 | $33,775 | $390,775 |
| (10) | HLF XL | $36,975 | $39,950 | $39,525 | $39,950 | $39,950 | $39,525 | $38,675 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $472,175 |
| (11) | **Total** | $4,003,882 | $3,997,969 | $3,996,568 | $3,987,018 | $4,015,003 | $4,038,609 | $4,065,526 | $4,078,381 | $4,074,149 | $4,069,721 | $4,064,140 | $4,054,646 | $48,445,612 |

Footnotes:
(1) Pg. 2, Ln (1) x Pg. 3, Ln (1)
(2) Pg. 2, Ln (2) x Pg. 3, Ln (2)
(3) Pg. 2, Ln (3) x Pg. 3, Ln (3)
(4) Pg. 2, Ln (4) x Pg. 3, Ln (4)
(5) Pg. 2, Ln (5) x Pg. 3, Ln (5)
(6) Pg. 2, Ln (6) x Pg. 3, Ln (6)
(7) Pg. 2, Ln (7) x Pg. 3, Ln (7)
(8) Pg. 2, Ln (8) x Pg. 3, Ln (8)
(9) Pg. 2, Ln (9) x Pg. 3, Ln (9)
(10) Pg. 2, Ln (10) x Pg. 3, Ln (10)
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Actual Volumes (dth's)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 18,571 | 15,683 | 16,254 | 19,375 | 26,990 | 40,184 | 50,227 | 49,265 | 48,141 | 45,298 | 28,502 | 23,847 | 382,339 |
| (2) | Residential non-heat Low Income | 328 | 266 | 272 | 365 | 719 | 1,302 | 1,680 | 1,560 | 1,497 | 1,472 | 909 | 664 | 11,034 |
| (3) | Residential heat | 393,921 | 336,109 | 340,588 | 479,761 | 1,072,637 | 2,127,982 | 2,931,753 | 2,804,350 | 2,630,239 | 2,332,710 | 971,339 | 637,447 | 17,058,837 |
| (4) | Residential heat Low Income | 40,115 | 33,646 | 34,446 | 46,362 | 100,965 | 187,587 | 247,381 | 230,909 | 219,573 | 195,880 | 96,693 | 65,727 | 1,499,283 |
| (5) | Small | 49,278 | 43,753 | 38,002 | 50,277 | 120,351 | 282,867 | 435,114 | 412,958 | 389,981 | 329,866 | 110,082 | 68,358 | 2,330,887 |
| (6) | Medium | 168,415 | 160,901 | 158,409 | 217,055 | 374,891 | 668,122 | 872,815 | 808,405 | 801,685 | 678,824 | 333,608 | 236,639 | 5,479,770 |
| (7) | LLF large | 42,617 | 37,284 | 43,240 | 94,766 | 199,488 | 371,716 | 466,894 | 418,635 | 430,901 | 314,568 | 140,958 | 77,115 | 2,638,182 |
| (8) | LLF XL | 23,224 | 20,576 | 24,807 | 76,895 | 119,885 | 195,660 | 198,825 | 167,771 | 203,904 | 110,779 | 67,817 | 31,400 | 1,241,544 |
| (9) | HLF large | 68,007 | 59,195 | 66,797 | 76,182 | 86,546 | 112,759 | 128,330 | 118,622 | 123,142 | 106,533 | 83,118 | 76,685 | 1,105,915 |
| (10) | HLF XL | 484,322 | 505,696 | 479,390 | 508,219 | 541,379 | 614,064 | 605,174 | 522,978 | 626,928 | 508,969 | 486,553 | 486,480 | 6,370,151 |
| (11) | **Total** | 1,288,799 | 1,213,109 | 1,202,205 | 1,569,256 | 2,643,851 | 4,602,244 | 5,938,193 | 5,535,453 | 5,475,993 | 4,624,900 | 2,319,578 | 1,704,363 | 38,117,942 |

Footnotes:
(1) TEP-2, Pg. 1, Ln 1
(2) TEP-2, Pg. 1, Ln 2
(3) TEP-2, Pg. 1, Ln 3
(4) TEP-2, Pg. 1, Ln 4
(5) TEP-2, Pg. 1, Ln 5 + TEP-2, Pg. 1, Ln 6
(6) TEP-2, Pg. 1, Ln 7 + TEP-2, Pg. 1, Ln 8 + TEP-2, Pg. 1, Ln 9
(7) TEP-2, Pg. 1, Ln 10 + TEP-2, Pg. 1, Ln 11 + TEP-2, Pg. 1, Ln 12
(8) TEP-2, Pg. 1, Ln 16 + TEP-2, Pg. 1, Ln 17 + TEP-2, Pg. 1, Ln 18
(9) TEP-2, Pg. 1, Ln 13 + TEP-2, Pg. 1, Ln 14 + TEP-2, Pg. 1, Ln 15
(10) TEP-2, Pg. 1, Ln 19 + TEP-2, Pg. 1, Ln 20 + TEP-2, Pg. 1, Ln 21
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Allocation to Head Block**

| Line No. | Based on Actual Bill Frequencies | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (2) | Residential non-heat Low Income | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (3) | Residential heat | 79.13% | 90.08% | 88.12% | 79.51% | 71.76% | 82.68% | 71.47% | 73.41% | 76.35% | 79.87% | 74.62% | 71.22% |
| (4) | Residential heat Low Income | 82.11% | 94.40% | 92.82% | 84.55% | 73.51% | 87.36% | 74.61% | 79.10% | 81.49% | 87.66% | 78.06% | 77.16% |
| (5) | Small | 26.81% | 30.48% | 30.79% | 31.13% | 46.61% | 54.69% | 43.47% | 45.11% | 47.47% | 50.78% | 50.90% | 30.46% |
| (6) | Medium | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (7) | LLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (8) | LLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (9) | HLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (10) | HLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Footnotes:
(1)-(10) Company Block Reports

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**Variable Base Rates ($ per dth)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (2) | | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (3) | Residential non-heat Low Income | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (4) | | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (5) | Residential heat | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 |
| (6) | | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 |
| (7) | Residential heat Low Income | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 |
| (8) | | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 |
| (9) | Small | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 |
| (10) | | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 |
| (11) | Medium | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 |
| (12) | LLF large | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 |
| (13) | LLF XL | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 |
| (14) | HLF large | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 |
| (15) | HLF XL | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 |

Footnotes:

(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(3) RIPUC NG-GAS No. 101, Section 4, Schedule B
(5) RIPUC NG-GAS No. 101, Section 4, Schedule C
(7) RIPUC NG-GAS No. 101, Section 4, Schedule D
(9) RIPUC NG-GAS No. 101, Section 5, Schedule A
(11) RIPUC NG-GAS No. 101, Section 5, Schedule B
(12) RIPUC NG-GAS No. 101, Section 5, Schedule E
(13) RIPUC NG-GAS No. 101, Section 5, Schedule F
(14) RIPUC NG-GAS No. 101, Section 5, Schedule C
(15) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Variable Base Revenue**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $81,453 | $68,784 | $71,292 | $84,981 | $118,379 | $176,249 | $220,297 | $216,078 | $211,148 | $198,678 | $125,008 | $104,593 | $1,676,940 |
| (2) | Residential non-heat Low Income | $1,293 | $1,051 | $1,075 | $1,442 | $2,837 | $5,140 | $6,630 | $6,157 | $5,911 | $5,809 | $3,587 | $2,622 | $43,554 |
| (3) | Residential heat | $1,703,734 | $1,514,882 | $1,523,982 | $2,078,096 | $4,507,864 | $9,329,437 | $12,307,121 | $11,862,667 | $11,254,567 | $10,118,002 | $4,128,399 | $2,673,286 | $73,002,037 |
| (4) | Residential heat Low Income | $157,947 | $138,662 | $141,144 | $184,238 | $384,543 | $753,328 | $946,254 | $898,767 | $862,508 | $787,503 | $374,860 | $253,928 | $5,883,682 |
| (5) | Small | $152,619 | $140,615 | $122,507 | $162,638 | $448,709 | $1,127,485 | $1,578,685 | $1,519,893 | $1,464,688 | $1,273,696 | $425,480 | $219,652 | $8,636,667 |
| (6) | Medium | $314,095 | $300,080 | $295,433 | $404,807 | $699,172 | $1,246,047 | $1,627,800 | $1,507,676 | $1,495,142 | $1,266,007 | $622,180 | $441,332 | $10,219,771 |
| (7) | LLF large | $73,600 | $64,390 | $74,675 | $163,660 | $344,516 | $641,954 | $806,326 | $722,982 | $744,166 | $543,259 | $243,434 | $133,178 | $4,556,140 |
| (8) | LLF XL | $7,618 | $6,749 | $8,137 | $25,221 | $39,322 | $64,176 | $65,215 | $55,029 | $66,880 | $36,336 | $22,244 | $10,299 | $407,226 |
| (9) | HLF large | $68,483 | $59,609 | $67,264 | $76,716 | $87,152 | $113,548 | $129,228 | $119,452 | $124,004 | $107,279 | $83,699 | $77,222 | $1,113,656 |
| (10) | HLF XL | $123,986 | $129,458 | $122,724 | $130,104 | $138,593 | $157,200 | $154,925 | $133,882 | $160,493 | $130,296 | $124,558 | $124,539 | $1,630,758 |
| (11) | **Total** | $2,684,828 | $2,424,280 | $2,428,233 | $3,311,903 | $6,771,087 | $13,614,564 | $17,842,481 | $17,042,583 | $16,389,507 | $14,466,865 | $6,153,449 | $4,040,651 | $107,170,431 |

Footnotes:

(1) [Pg. 5, Ln (1) x Pg. 6, Ln (1) x Pg. 7, Ln (1)] + {[Pg. 5, Ln (1) - (Pg. 5, Ln (1) x Pg. 6, Ln (1))] x Pg. 7, Ln (2)}
(2) [Pg. 5, Ln (2) x Pg. 6, Ln (2) x Pg. 7, Ln (3)] + {[Pg. 5, Ln (2) - (Pg. 5, Ln (2) x Pg. 6, Ln (2))] x Pg. 7, Ln (4)}
(3) [Pg. 5, Ln (3) x Pg. 6, Ln (3) x Pg. 7, Ln (5)] + {[Pg. 5, Ln (3) - (Pg. 5, Ln (3) x Pg. 6, Ln (3))] x Pg. 7, Ln (6)}
(4) [Pg. 5, Ln (4) x Pg. 6, Ln (4) x Pg. 7, Ln (7)] + {[Pg. 5, Ln (4) - (Pg. 5, Ln (4) x Pg. 6, Ln (4))] x Pg. 7, Ln (8)}
(5) [Pg. 5, Ln (5) x Pg. 6, Ln (5) x Pg. 7, Ln (9)] + {[Pg. 5, Ln (5) - (Pg. 5, Ln (5) x Pg. 6, Ln (5))] x Pg. 7, Ln (10)}
(6) [Pg. 5, Ln (6) x Pg. 6, Ln (6) x Pg. 7, Ln (11)]
(7) [Pg. 5, Ln (7) x Pg. 6, Ln (7) x Pg. 7, Ln (12)]
(8) [Pg. 5, Ln (8) x Pg. 6, Ln (8) x Pg. 7, Ln (13)]
(9) [Pg. 5, Ln (9) x Pg. 6, Ln (9) x Pg. 7, Ln (14)]
(10) [Pg. 5, Ln (10) x Pg. 6, Ln (10) x Pg. 7, Ln (15)]
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Demand Volumes**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | 39,426 | 38,924 | 39,387 | 39,860 | 33,012 | 29,523 | 30,929 | 30,975 | 30,131 | 30,829 | 30,133 | 30,506 | 403,635 |
| (2) | LLF large | 21,665 | 21,493 | 20,380 | 21,391 | 18,607 | 16,334 | 17,188 | 16,962 | 16,629 | 16,916 | 16,204 | 16,515 | 220,284 |
| (3) | LLF XL | 8,461 | 8,503 | 8,155 | 8,155 | 7,851 | 7,054 | 7,099 | 7,055 | 7,073 | 7,073 | 7,072 | 7,075 | 90,626 |
| (4) | HLF large | 5,054 | 5,187 | 5,511 | 5,792 | 5,008 | 4,461 | 3,914 | 5,085 | 4,535 | 4,473 | 4,452 | 4,558 | 58,029 |
| (5) | HLF XL | 24,531 | 23,169 | 23,653 | 23,696 | 23,577 | 21,138 | 21,291 | 21,119 | 21,119 | 21,119 | 21,170 | 21,010 | 266,593 |
| (6) | **Total** | 99,137 | 97,275 | 97,086 | 98,894 | 88,056 | 78,510 | 80,421 | 81,196 | 79,487 | 80,411 | 79,031 | 79,664 | 1,039,167 |

Footnotes:
(1)-(5) Company Billing System Report
(6) sum[(1):(5)]

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Demand Rates per dth**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | LLF large | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (3) | LLF XL | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | HLF large | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |
| (5) | HLF XL | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |

Footnotes:
(1) RIPUC NG-GAS No. 101, Section 5, Schedule B
(2) RIPUC NG-GAS No. 101, Section 5, Schedule E
(3) RIPUC NG-GAS No. 101, Section 5, Schedule F
(4) RIPUC NG-GAS No. 101, Section 5, Schedule C
(5) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Rhode Island - 12 months ending June 30, 2017**
**Actual Base Distribution Revenues, Customers, Consumption**

**Demand Revenues**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $512,532 | $506,018 | $512,032 | $518,184 | $429,157 | $383,795 | $402,074 | $402,677 | $391,707 | $400,778 | $391,724 | $396,578 | $5,247,256 |
| (2) | LLF large | $281,639 | $279,407 | $264,935 | $278,078 | $241,893 | $212,346 | $223,448 | $220,507 | $216,176 | $219,906 | $210,658 | $214,695 | $2,863,688 |
| (3) | LLF XL | $109,998 | $110,533 | $106,013 | $106,013 | $102,068 | $91,700 | $92,285 | $91,718 | $91,952 | $91,952 | $91,935 | $91,969 | $1,178,136 |
| (4) | HLF large | $90,973 | $93,359 | $99,201 | $104,259 | $90,142 | $80,303 | $70,449 | $91,524 | $81,621 | $80,520 | $80,137 | $82,042 | $1,044,530 |
| (5) | HLF XL | $441,560 | $417,036 | $425,760 | $426,520 | $424,388 | $380,482 | $383,242 | $380,147 | $380,147 | $380,147 | $381,061 | $378,181 | $4,798,671 |
| (6) | **Total** | $1,436,702 | $1,406,353 | $1,407,941 | $1,433,054 | $1,287,648 | $1,148,626 | $1,171,498 | $1,186,573 | $1,161,603 | $1,173,303 | $1,155,515 | $1,163,465 | $15,132,281 |

Footnotes:
(1) Pg. 9, Ln (1) x Pg. 10, Ln (1)
(2) Pg. 9, Ln (2) x Pg. 10, Ln (2)
(3) Pg. 9, Ln (3) x Pg. 10, Ln (3)
(4) Pg. 9, Ln (4) x Pg. 10, Ln (4)
(5) Pg. 9, Ln (5) x Pg. 10, Ln (5)
(6) sum[(1):(5)]

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**Normalized Base Distribution Revenue: Normal Volumes: Jul 16 - Jun 17 (Net of GET)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $331,560 | $317,097 | $319,423 | $329,268 | $371,371 | $439,961 | $462,786 | $490,909 | $466,544 | $451,965 | $360,004 | $352,919 | $4,693,807 |
| (2) | Residential non-heat Low Income | $4,440 | $4,046 | $4,012 | $4,218 | $5,825 | $8,458 | $9,055 | $9,780 | $8,878 | $8,814 | $5,799 | $5,465 | $78,790 |
| (3) | Residential heat | $4,318,543 | $4,113,205 | $4,123,124 | $4,449,388 | $7,341,209 | $12,807,926 | $14,129,039 | $15,910,562 | $14,178,033 | $13,187,423 | $6,142,829 | $5,383,863 | $106,085,144 |
| (4) | Residential heat Low Income | $386,580 | $362,600 | $361,923 | $380,818 | $616,930 | $1,031,671 | $1,098,945 | $1,163,890 | $1,086,677 | $1,026,052 | $520,059 | $460,562 | $8,496,707 |
| (5) | Small | $574,428 | $554,545 | $527,314 | $548,070 | $868,116 | $1,616,216 | $1,904,993 | $2,065,872 | $1,888,328 | $1,821,586 | $794,042 | $645,132 | $13,808,642 |
| (6) | Medium | $1,170,397 | $1,149,868 | $1,157,045 | $1,244,629 | $1,511,548 | $2,104,100 | $2,314,195 | $2,465,594 | $2,286,707 | $2,046,451 | $1,285,769 | $1,190,570 | $19,926,873 |
| (7) | LLF large | $435,914 | $424,647 | $418,710 | $497,936 | $688,454 | $1,007,859 | $1,072,548 | $1,132,432 | $1,067,165 | $856,741 | $490,702 | $427,848 | $8,520,956 |
| (8) | LLF XL | $133,766 | $133,432 | $129,025 | $142,031 | $159,258 | $178,113 | $169,694 | $170,474 | $176,502 | $144,443 | $125,592 | $117,568 | $1,779,898 |
| (9) | HLF large | $188,681 | $182,718 | $198,840 | $210,790 | $211,437 | $232,752 | $229,387 | $253,417 | $241,497 | $222,744 | $193,347 | $193,039 | $2,558,649 |
| (10) | HLF XL | $602,521 | $586,444 | $588,009 | $594,479 | $604,072 | $581,516 | $575,064 | $555,439 | $581,656 | $550,191 | $544,636 | $542,245 | $6,906,272 |
| (11) | **Total** | $8,146,830 | $7,828,602 | $7,827,425 | $8,401,627 | $12,378,220 | $20,008,572 | $21,965,706 | $24,218,369 | $21,981,987 | $20,316,410 | $10,462,779 | $9,319,211 | $172,855,738 |

Footnotes:

(1) Pg. 15, Ln (1) + Pg. 19, Ln (1)
(2) Pg. 15, Ln (2) + Pg. 19, Ln (2)
(3) Pg. 15, Ln (3) + Pg. 19, Ln (3)
(4) Pg. 15, Ln (4) + Pg. 19, Ln (4)
(5) Pg. 15, Ln (5) + Pg. 19, Ln (5)
(6) Pg. 15, Ln (6) + Pg. 19, Ln (6) + Pg. 22, Ln (1)
(7) Pg. 15, Ln (7) + Pg. 19, Ln (7) + Pg. 22, Ln (2)
(8) Pg. 15, Ln (8) + Pg. 19, Ln (8) + Pg. 22, Ln (3)
(9) Pg. 15, Ln (9) + Pg. 19, Ln (9) + Pg. 22, Ln (4)
(10) Pg. 15, Ln (10) + Pg. 19, Ln (10) + Pg. 22, Ln (5)
(11) sum[(1):(10]

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**Rhode Island - 12 months ending June 30, 2017**
**Normalized Base Distribution Revenues, Customers, Consumption**

**Customers**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Average Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 19,239 | 19,101 | 19,087 | 19,087 | 19,161 | 19,231 | 19,269 | 19,266 | 19,216 | 19,197 | 19,150 | 19,102 | 19,176 |
| (2) | Residential non-heat Low Income | 269 | 256 | 251 | 246 | 243 | 238 | 233 | 236 | 237 | 245 | 244 | 243 | 245 |
| (3) | Residential heat | 199,963 | 199,871 | 199,934 | 199,651 | 201,272 | 202,873 | 204,578 | 205,459 | 205,163 | 204,681 | 204,404 | 203,856 | 202,642 |
| (4) | Residential heat Low Income | 19,407 | 19,140 | 18,870 | 18,545 | 18,313 | 18,017 | 17,741 | 17,527 | 17,551 | 17,677 | 17,663 | 17,661 | 18,176 |
| (5) | Small | 18,966 | 18,815 | 18,642 | 18,512 | 18,742 | 18,934 | 19,177 | 19,292 | 19,431 | 19,507 | 19,448 | 19,340 | 19,067 |
| (6) | Medium | 4,911 | 4,911 | 4,994 | 4,979 | 5,026 | 5,050 | 5,065 | 5,074 | 5,041 | 5,027 | 5,031 | 5,038 | 5,012 |
| (7) | LLF large | 461 | 462 | 452 | 456 | 460 | 460 | 467 | 461 | 459 | 457 | 456 | 457 | 459 |
| (8) | LLF XL | 38 | 38 | 35 | 36 | 36 | 35 | 36 | 37 | 36 | 36 | 36 | 36 | 36 |
| (9) | HLF large | 167 | 170 | 185 | 187 | 185 | 187 | 189 | 192 | 192 | 193 | 193 | 193 | 186 |
| (10) | HLF XL | 87 | 94 | 93 | 94 | 94 | 93 | 91 | 93 | 93 | 93 | 93 | 93 | 93 |
| (11) | **Total** | 263,508 | 262,858 | 262,543 | 261,793 | 263,532 | 265,118 | 266,846 | 267,637 | 267,419 | 267,113 | 266,718 | 266,019 | 265,092 |

Footnotes:

Column (f):

(1) TEP-6, Pg. 1, Col (f), Ln (1)
(2) TEP-6, Pg. 1, Col (f), Ln (2)
(3) TEP-6, Pg. 1, Col (f), Ln (3)
(4) TEP-6, Pg. 1, Col (f), Ln (4)
(5) TEP-6, Pg. 1, Col (f), Ln (5) + TEP-6, Pg. 1, Col (f), Ln (6)
(6) TEP-6, Pg. 1, Col (f), Ln (7) + TEP-6, Pg. 1, Col (f), Ln (8) + TEP-6, Pg. 1, Col (f), Ln (9)
(7) TEP-6, Pg. 1, Col (f), Ln (10) + TEP-6, Pg. 1, Col (f), Ln (11) + TEP-6, Pg. 1, Col (f), Ln (12)
(8) TEP-6, Pg. 1, Col (f), Ln (16) + TEP-6, Pg. 1, Col (f), Ln (17) + TEP-6, Pg. 1, Col (f), Ln (18)
(9) TEP-6, Pg. 1, Col (f), Ln (13) + TEP-6, Pg. 1, Col (f), Ln (14) + TEP-6, Pg. 1, Col (f), Ln (15)
(10) TEP-6, Pg. 1, Col (f), Ln (19) + TEP-6, Pg. 1, Col (f), Ln (20) + TEP-6, Pg. 1, Col (f), Ln (21)
(11) sum[(1):(10)]

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**Customer Charge ($)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | Residential non-heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (3) | Residential heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | Residential heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (5) | Small | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 |
| (6) | Medium | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 |
| (7) | LLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (8) | LLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |
| (9) | HLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (10) | HLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |

Footnotes:

(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(2) RIPUC NG-GAS No. 101, Section 4, Schedule B
(3) RIPUC NG-GAS No. 101, Section 4, Schedule C
(4) RIPUC NG-GAS No. 101, Section 4, Schedule D
(5) RIPUC NG-GAS No. 101, Section 5, Schedule A
(6) RIPUC NG-GAS No. 101, Section 5, Schedule B
(7) RIPUC NG-GAS No. 101, Section 5, Schedule E
(8) RIPUC NG-GAS No. 101, Section 5, Schedule F
(9) RIPUC NG-GAS No. 101, Section 5, Schedule C
(10) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Rhode Island - 12 months ending June 30, 2017**
**Normalized Base Distribution Revenues, Customers, Consumption**

**Customer Charge Revenue**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $250,107 | $248,313 | $248,131 | $248,131 | $249,093 | $250,003 | $250,497 | $250,458 | $249,808 | $249,561 | $248,950 | $248,326 | $2,991,378 |
| (2) | Residential non-heat Low Income | $3,147 | $2,995 | $2,937 | $2,878 | $2,843 | $2,785 | $2,726 | $2,761 | $2,773 | $2,867 | $2,855 | $2,843 | $34,410 |
| (3) | Residential heat | $2,599,519 | $2,598,323 | $2,599,142 | $2,595,463 | $2,616,536 | $2,637,349 | $2,659,514 | $2,670,967 | $2,667,119 | $2,660,853 | $2,657,252 | $2,650,128 | $31,612,165 |
| (4) | Residential heat Low Income | $227,062 | $223,938 | $220,779 | $216,977 | $214,262 | $210,799 | $207,570 | $205,066 | $205,347 | $206,821 | $206,657 | $206,634 | $2,551,912 |
| (5) | Small | $417,252 | $413,930 | $410,124 | $407,264 | $412,324 | $416,548 | $421,894 | $424,424 | $427,482 | $429,154 | $427,856 | $425,480 | $5,033,732 |
| (6) | Medium | $343,770 | $343,770 | $349,580 | $348,530 | $351,820 | $353,500 | $354,550 | $355,180 | $352,870 | $351,890 | $352,170 | $352,660 | $4,210,290 |
| (7) | LLF large | $80,675 | $80,850 | $79,100 | $79,800 | $80,500 | $80,500 | $81,725 | $80,675 | $80,325 | $79,975 | $79,800 | $79,975 | $963,900 |
| (8) | LLF XL | $16,150 | $16,150 | $14,875 | $15,300 | $15,300 | $14,875 | $15,300 | $15,725 | $15,300 | $15,300 | $15,300 | $15,300 | $184,875 |
| (9) | HLF large | $29,225 | $29,750 | $32,375 | $32,725 | $32,375 | $32,725 | $33,075 | $33,600 | $33,600 | $33,775 | $33,775 | $33,775 | $390,775 |
| (10) | HLF XL | $36,975 | $39,950 | $39,525 | $39,950 | $39,950 | $39,525 | $38,675 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $472,175 |
| (11) | **Total** | $4,003,882 | $3,997,969 | $3,996,568 | $3,987,018 | $4,015,003 | $4,038,609 | $4,065,526 | $4,078,381 | $4,074,149 | $4,069,721 | $4,064,140 | $4,054,646 | $48,445,612 |

Footnotes:
(1) Pg. 13, Ln (1) x Pg. 14, Ln (1)
(2) Pg. 13, Ln (2) x Pg. 14, Ln (2)
(3) Pg. 13, Ln (3) x Pg. 14, Ln (3)
(4) Pg. 13, Ln (4) x Pg. 14, Ln (4)
(5) Pg. 13, Ln (5) x Pg. 14, Ln (5)
(6) Pg. 13, Ln (6) x Pg. 14, Ln (6)
(7) Pg. 13, Ln (7) x Pg. 14, Ln (7)
(8) Pg. 13, Ln (8) x Pg. 14, Ln (8)
(9) Pg. 13, Ln (9) x Pg. 14, Ln (9)
(10) Pg. 13, Ln (10) x Pg. 14, Ln (10)
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Normalized Base Distribution Revenues, Customers, Consumption**

| Line No. | Normal Volumes (dth's) | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 18,571 | 15,683 | 16,254 | 18,499 | 27,879 | 43,310 | 48,402 | 54,822 | 49,415 | 46,148 | 25,320 | 23,847 | 388,151 |
| (2) | Residential non-heat Low Income | 328 | 266 | 272 | 339 | 756 | 1,437 | 1,603 | 1,778 | 1,547 | 1,507 | 746 | 664 | 11,244 |
| (3) | Residential heat | 393,921 | 336,109 | 340,588 | 445,691 | 1,129,211 | 2,354,516 | 2,795,446 | 3,209,723 | 2,719,470 | 2,389,373 | 819,129 | 637,447 | 17,570,626 |
| (4) | Residential heat Low Income | 40,115 | 33,646 | 34,446 | 43,106 | 106,266 | 207,351 | 235,995 | 263,889 | 226,941 | 200,574 | 80,724 | 65,727 | 1,538,781 |
| (5) | Small | 49,278 | 43,753 | 38,002 | 47,318 | 126,369 | 313,344 | 414,449 | 473,939 | 403,515 | 338,022 | 94,047 | 68,358 | 2,410,394 |
| (6) | Medium | 168,415 | 160,901 | 158,409 | 202,636 | 391,727 | 732,871 | 835,159 | 915,677 | 826,879 | 693,717 | 290,549 | 236,639 | 5,613,580 |
| (7) | LLF large | 42,617 | 37,284 | 43,240 | 81,099 | 211,964 | 414,020 | 444,340 | 481,326 | 446,244 | 322,444 | 115,949 | 77,115 | 2,717,642 |
| (8) | LLF XL | 23,224 | 20,576 | 24,807 | 63,164 | 127,714 | 218,103 | 189,356 | 192,166 | 211,127 | 113,386 | 55,966 | 31,400 | 1,270,989 |
| (9) | HLF large | 68,007 | 59,195 | 66,797 | 73,293 | 88,302 | 118,892 | 124,988 | 127,402 | 125,398 | 107,695 | 78,882 | 76,685 | 1,115,536 |
| (10) | HLF XL | 484,322 | 505,696 | 479,390 | 500,034 | 545,836 | 630,895 | 598,232 | 530,342 | 632,751 | 509,841 | 484,569 | 486,480 | 6,388,387 |
| (11) | **Total** | 1,288,799 | 1,213,109 | 1,202,205 | 1,475,180 | 2,756,023 | 5,034,740 | 5,687,970 | 6,251,063 | 5,643,288 | 4,722,708 | 2,045,882 | 1,704,363 | 39,025,329 |

Footnotes:
(1) TEP-2, Pg. 1, Ln 1
(2) TEP-2, Pg. 1, Ln 2
(3) TEP-2, Pg. 1, Ln 3
(4) TEP-2, Pg. 1, Ln 4
(5) TEP-2, Pg. 1, Ln 5 + TEP-2, Pg. 1, Ln 6
(6) TEP-2, Pg. 1, Ln 7 + TEP-2, Pg. 1, Ln 8 + TEP-2, Pg. 1, Ln 9
(7) TEP-2, Pg. 1, Ln 10 + TEP-2, Pg. 1, Ln 11 + TEP-2, Pg. 1, Ln 12
(8) TEP-2, Pg. 1, Ln 16 + TEP-2, Pg. 1, Ln 17 + TEP-2, Pg. 1, Ln 18
(9) TEP-2, Pg. 1, Ln 13 + TEP-2, Pg. 1, Ln 14 + TEP-2, Pg. 1, Ln 15
(10) TEP-2, Pg. 1, Ln 19 + TEP-2, Pg. 1, Ln 20 + TEP-2, Pg. 1, Ln 21
(11) sum[(1):(10)]

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**Allocation to Head Block**

| Line No. | Based on Actual Bill Frequencies | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (2) | Residential non-heat Low Income | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (3) | Residential heat | 81.46% | 90.08% | 88.12% | 69.17% | 70.64% | 78.80% | 65.76% | 67.08% | 73.57% | 83.97% | 74.92% | 76.93% |
| (4) | Residential heat Low Income | 84.73% | 94.40% | 92.82% | 72.99% | 72.21% | 83.55% | 71.40% | 61.79% | 78.51% | 91.94% | 78.43% | 77.16% |
| (5) | Small | 29.71% | 30.48% | 26.40% | 23.01% | 42.80% | 49.75% | 41.91% | 38.30% | 43.22% | 58.87% | 51.79% | 30.46% |
| (6) | Medium | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (7) | LLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (8) | LLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (9) | HLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (10) | HLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Footnotes:
(1)-(10) Company Block Reports

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**Variable Base Rates ($ per dth)**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (2) | | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (3) | Residential non-heat Low Income | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (4) | | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (5) | Residential heat | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 |
| (6) | | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 |
| (7) | Residential heat Low Income | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 |
| (8) | | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 |
| (9) | Small | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 |
| (10) | | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 |
| (11) | Medium | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 |
| (12) | LLF large | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 |
| (13) | LLF XL | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 |
| (14) | HLF large | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 |
| (15) | HLF XL | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 |

Footnotes:

(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(3) RIPUC NG-GAS No. 101, Section 4, Schedule B
(5) RIPUC NG-GAS No. 101, Section 4, Schedule C
(7) RIPUC NG-GAS No. 101, Section 4, Schedule D
(9) RIPUC NG-GAS No. 101, Section 5, Schedule A
(11) RIPUC NG-GAS No. 101, Section 5, Schedule B
(12) RIPUC NG-GAS No. 101, Section 5, Schedule E
(13) RIPUC NG-GAS No. 101, Section 5, Schedule F
(14) RIPUC NG-GAS No. 101, Section 5, Schedule C
(15) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Rhode Island - 12 months ending June 30, 2017**
**Normalized Base Distribution Revenues, Customers, Consumption**

**Variable Base Revenue**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $81,453 | $68,784 | $71,292 | $81,137 | $122,278 | $189,958 | $212,289 | $240,451 | $216,736 | $202,404 | $111,054 | $104,593 | $1,702,429 |
| (2) | Residential non-heat Low Income | $1,293 | $1,051 | $1,075 | $1,340 | $2,982 | $5,673 | $6,329 | $7,019 | $6,105 | $5,947 | $2,944 | $2,622 | $44,380 |
| (3) | Residential heat | $1,719,024 | $1,514,882 | $1,523,982 | $1,853,925 | $4,724,673 | $10,170,577 | $11,469,525 | $13,239,595 | $11,510,914 | $10,526,570 | $3,485,577 | $2,733,735 | $74,472,979 |
| (4) | Residential heat Low Income | $159,518 | $138,662 | $141,144 | $163,841 | $402,668 | $820,872 | $891,375 | $958,824 | $881,330 | $819,231 | $313,402 | $253,928 | $5,944,795 |
| (5) | Small | $157,176 | $140,615 | $117,190 | $140,806 | $455,792 | $1,199,668 | $1,483,099 | $1,641,448 | $1,460,846 | $1,392,432 | $366,186 | $219,652 | $8,774,910 |
| (6) | Medium | $314,095 | $300,080 | $295,433 | $377,915 | $730,571 | $1,366,805 | $1,557,571 | $1,707,737 | $1,542,130 | $1,293,783 | $541,875 | $441,332 | $10,469,327 |
| (7) | LLF large | $73,600 | $64,390 | $74,675 | $140,058 | $366,061 | $715,013 | $767,375 | $831,250 | $770,664 | $556,860 | $200,244 | $133,178 | $4,693,368 |
| (8) | LLF XL | $7,618 | $6,749 | $8,137 | $20,718 | $41,890 | $71,538 | $62,109 | $63,031 | $69,250 | $37,191 | $18,357 | $10,299 | $416,887 |
| (9) | HLF large | $68,483 | $59,609 | $67,264 | $73,806 | $88,920 | $119,724 | $125,863 | $128,293 | $126,276 | $108,449 | $79,435 | $77,222 | $1,123,344 |
| (10) | HLF XL | $123,986 | $129,458 | $122,724 | $128,009 | $139,734 | $161,509 | $153,147 | $135,767 | $161,984 | $130,519 | $124,050 | $124,539 | $1,635,426 |
| (11) | **Total** | $2,706,246 | $2,424,280 | $2,422,916 | $2,981,555 | $7,075,569 | $14,821,337 | $16,728,682 | $18,953,415 | $16,746,235 | $15,073,386 | $5,243,124 | $4,101,100 | $109,277,845 |

Footnotes:

(1) [Pg. 16, Ln (1) x Pg. 17, Ln (1) x Pg. 18, Ln (1)] + {[Pg. 16, Ln (1) - (Pg. 16, Ln (1) x Pg. 17, Ln (1))] x Pg. 18, Ln (2)}
(2) [Pg. 16, Ln (2) x Pg. 17, Ln (2) x Pg. 18, Ln (3)] + {[Pg. 16, Ln (2) - (Pg. 16, Ln (2) x Pg. 17, Ln (2))] x Pg. 18, Ln (4)}
(3) [Pg. 16, Ln (3) x Pg. 17, Ln (3) x Pg. 18, Ln (5)] + {[Pg. 16, Ln (3) - (Pg. 16, Ln (3) x Pg. 17, Ln (3))] x Pg. 18, Ln (6)}
(4) [Pg. 16, Ln (4) x Pg. 17, Ln (4) x Pg. 18, Ln (7)] + {[Pg. 16, Ln (4) - (Pg. 16, Ln (4) x Pg. 17, Ln (4))] x Pg. 18, Ln (8)}
(5) [Pg. 16, Ln (5) x Pg. 17, Ln (5) x Pg. 18, Ln (9)] + {[Pg. 16, Ln (5) - (Pg. 16, Ln (5) x Pg. 17, Ln (5))] x Pg. 18, Ln (10)}
(6) [Pg. 16, Ln (6) x Pg. 17, Ln (6) x Pg. 18, Ln (11)]
(7) [Pg. 16, Ln (7) x Pg. 17, Ln (7) x Pg. 18, Ln (12)]
(8) [Pg. 16, Ln (8) x Pg. 17, Ln (8) x Pg. 18, Ln (13)]
(9) [Pg. 16, Ln (9) x Pg. 17, Ln (9) x Pg. 18, Ln (14)]
(10) [Pg. 16, Ln (10) x Pg. 17, Ln (10) x Pg. 18, Ln (15)]
(11) sum[(1):(10)]

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**Rhode Island - 12 months ending June 30, 2017**
**Normalized Base Distribution Revenues, Customers, Consumption**

| Line No. | Demand Volumes | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | 39,426 | 38,924 | 39,387 | 39,860 | 33,012 | 29,523 | 30,929 | 30,975 | 30,131 | 30,829 | 30,133 | 30,506 | 403,635 |
| (2) | LLF large | 21,665 | 21,493 | 20,380 | 21,391 | 18,607 | 16,334 | 17,188 | 16,962 | 16,629 | 16,916 | 16,204 | 16,515 | 220,284 |
| (3) | LLF XL | 8,461 | 8,503 | 8,155 | 8,155 | 7,851 | 7,054 | 7,099 | 7,055 | 7,073 | 7,073 | 7,072 | 7,075 | 90,626 |
| (4) | HLF large | 5,054 | 5,187 | 5,511 | 5,792 | 5,008 | 4,461 | 3,914 | 5,085 | 4,535 | 4,473 | 4,452 | 4,558 | 58,029 |
| (5) | HLF XL | 24,531 | 23,169 | 23,653 | 23,696 | 23,577 | 21,138 | 21,291 | 21,119 | 21,119 | 21,119 | 21,170 | 21,010 | 266,593 |
| (6) | **Total** | 99,137 | 97,275 | 97,086 | 98,894 | 88,056 | 78,510 | 80,421 | 81,196 | 79,487 | 80,411 | 79,031 | 79,664 | 1,039,167 |

Footnotes:
(1)-(5) Company Billing System Report
(6) sum[(1):(5)]

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**Demand Rates per dth**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | LLF large | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (3) | LLF XL | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | HLF large | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |
| (5) | HLF XL | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |

Footnotes:
(1) RIPUC NG-GAS No. 101, Section 5, Schedule B
(2) RIPUC NG-GAS No. 101, Section 5, Schedule E
(3) RIPUC NG-GAS No. 101, Section 5, Schedule F
(4) RIPUC NG-GAS No. 101, Section 5, Schedule C
(5) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Demand Revenues**

| Line No. | | Jul-16 (a) | Aug-16 (b) | Sep-16 (c) | Oct-16 (d) | Nov-16 (e) | Dec-16 (f) | Jan-17 (g) | Feb-17 (h) | Mar-17 (i) | Apr-17 (j) | May-17 (k) | Jun-17 (l) | Total Jul 16 - Jun 17 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $512,532 | $506,018 | $512,032 | $518,184 | $429,157 | $383,795 | $402,074 | $402,677 | $391,707 | $400,778 | $391,724 | $396,578 | $5,247,256 |
| (2) | LLF large | $281,639 | $279,407 | $264,935 | $278,078 | $241,893 | $212,346 | $223,448 | $220,507 | $216,176 | $219,906 | $210,658 | $214,695 | $2,863,688 |
| (3) | LLF XL | $109,998 | $110,533 | $106,013 | $106,013 | $102,068 | $91,700 | $92,285 | $91,718 | $91,952 | $91,952 | $91,935 | $91,969 | $1,178,136 |
| (4) | HLF large | $90,973 | $93,359 | $99,201 | $104,259 | $90,142 | $80,303 | $70,449 | $91,524 | $81,621 | $80,520 | $80,137 | $82,042 | $1,044,530 |
| (5) | HLF XL | $441,560 | $417,036 | $425,760 | $426,520 | $424,388 | $380,482 | $383,242 | $380,147 | $380,147 | $380,147 | $381,061 | $378,181 | $4,798,671 |
| (6) | **Total** | $1,436,702 | $1,406,353 | $1,407,941 | $1,433,054 | $1,287,648 | $1,148,626 | $1,171,498 | $1,186,573 | $1,161,603 | $1,173,303 | $1,155,515 | $1,163,465 | $15,132,281 |

Footnotes:
(1) Pg. 20, Ln (1) x Pg. 21, Ln (1)
(2) Pg. 20, Ln (2) x Pg. 21, Ln (2)
(3) Pg. 20, Ln (3) x Pg. 21, Ln (3)
(4) Pg. 20, Ln (4) x Pg. 21, Ln (4)
(5) Pg. 20, Ln (5) x Pg. 21, Ln (5)
(6) sum[(1):(5)]

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**Rate Year Customers and Volumes: Sep 18 - Aug 19 (Net of GET)**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $287,259 | $298,510 | $327,360 | $379,926 | $417,192 | $408,681 | $481,387 | $419,176 | $348,282 | $306,139 | $281,954 | $275,398 | $4,231,264 |
| (2) | Residential non-heat Low Income | $3,642 | $4,030 | $5,422 | $7,829 | $9,050 | $7,952 | $8,840 | $7,527 | $5,340 | $3,580 | $3,055 | $3,061 | $69,328 |
| (3) | Residential heat | $4,467,395 | $4,867,849 | $7,473,986 | $12,076,039 | $15,344,847 | $16,357,486 | $14,921,173 | $11,507,918 | $7,267,412 | $5,236,805 | $4,529,124 | $4,429,436 | $108,479,470 |
| (4) | Residential heat Low Income | $352,570 | $375,879 | $567,097 | $927,090 | $1,126,791 | $1,174,844 | $1,076,677 | $823,308 | $511,451 | $373,969 | $330,814 | $325,237 | $7,965,727 |
| (5) | Small | $575,354 | $610,490 | $922,375 | $1,639,912 | $1,982,448 | $2,081,477 | $1,973,796 | $1,574,871 | $902,984 | $680,284 | $570,727 | $576,472 | $14,091,190 |
| (6) | Medium | $1,195,177 | $1,312,968 | $1,517,988 | $2,024,503 | $2,398,189 | $2,325,978 | $2,268,280 | $1,887,016 | $1,491,246 | $1,200,170 | $1,242,429 | $1,239,703 | $20,103,647 |
| (7) | LLF large | $441,189 | $522,387 | $679,822 | $948,209 | $1,098,853 | $1,092,709 | $1,003,154 | $749,423 | $544,355 | $415,860 | $431,035 | $423,798 | $8,350,794 |
| (8) | LLF XL | $125,498 | $141,233 | $152,323 | $165,117 | $173,004 | $162,207 | $158,091 | $137,228 | $122,157 | $111,705 | $123,105 | $123,350 | $1,695,018 |
| (9) | HLF large | $204,698 | $212,612 | $218,552 | $236,813 | $261,000 | $251,613 | $243,479 | $226,765 | $218,132 | $212,787 | $235,477 | $234,379 | $2,756,307 |
| (10) | HLF XL | $596,890 | $601,023 | $607,934 | $588,276 | $598,081 | $566,274 | $574,191 | $574,257 | $562,793 | $557,171 | $650,793 | $591,257 | $7,068,940 |
| (11) | **Total** | $8,249,672 | $8,946,981 | $12,472,859 | $18,993,714 | $23,409,455 | $24,429,221 | $22,709,068 | $17,907,489 | $11,974,152 | $9,098,470 | $8,398,513 | $8,222,091 | $174,811,685 |

Footnotes:
(1) Pg. 26, Ln (1) + Pg. 30, Ln (1)
(2) Pg. 26, Ln (2) + Pg. 30, Ln (2)
(3) Pg. 26, Ln (3) + Pg. 30, Ln (3)
(4) Pg. 26, Ln (4) + Pg. 30, Ln (4)
(5) Pg. 26, Ln (5) + Pg. 30, Ln (5)
(6) Pg. 26, Ln (6) + Pg. 30, Ln (6) + Pg. 33, Ln (1)
(7) Pg. 26, Ln (7) + Pg. 30, Ln (7) + Pg. 33, Ln (2)
(8) Pg. 26, Ln (8) + Pg. 30, Ln (8) + Pg. 33, Ln (3)
(9) Pg. 26, Ln (9) + Pg. 30, Ln (9) + Pg. 33, Ln (4)
(10) Pg. 26, Ln (10) + Pg. 30, Ln (10) + Pg. 33, Ln (5)
(11) sum[(1):(10]

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**Rhode Island - Rate Year: September 2018 - August 2019**
**Rate Year Revenues, Customers, Consumption**

**Customers**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Average Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 17,100 | 17,083 | 17,042 | 16,994 | 16,921 | 16,825 | 16,750 | 16,654 | 16,604 | 16,556 | 16,519 | 16,493 | 16,795 |
| (2) | Residential non-heat Low Income | 223 | 231 | 231 | 231 | 223 | 209 | 202 | 188 | 187 | 186 | 188 | 193 | 208 |
| (3) | Residential heat | 206,486 | 206,552 | 207,083 | 208,202 | 209,861 | 211,383 | 212,349 | 212,695 | 212,417 | 211,859 | 211,065 | 210,331 | 210,024 |
| (4) | Residential heat Low Income | 17,355 | 17,477 | 17,484 | 17,458 | 17,320 | 17,086 | 16,954 | 16,728 | 16,715 | 16,712 | 16,760 | 16,852 | 17,075 |
| (5) | Small | 19,003 | 18,915 | 18,966 | 19,086 | 19,289 | 19,487 | 19,601 | 19,608 | 19,544 | 19,429 | 19,272 | 19,117 | 19,276 |
| (6) | Medium | 5,146 | 5,153 | 5,162 | 5,173 | 5,188 | 5,201 | 5,211 | 5,220 | 5,227 | 5,236 | 5,244 | 5,253 | 5,201 |
| (7) | LLF large | 455 | 455 | 455 | 455 | 455 | 456 | 457 | 457 | 457 | 457 | 457 | 457 | 456 |
| (8) | LLF XL | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| (9) | HLF large | 201 | 202 | 203 | 203 | 202 | 202 | 203 | 202 | 203 | 203 | 205 | 207 | 203 |
| (10) | HLF XL | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| (11) | **Total** | 266,096 | 266,195 | 266,753 | 267,929 | 269,586 | 270,976 | 271,854 | 271,879 | 271,481 | 270,765 | 269,837 | 269,030 | 269,365 |

Footnotes:

Column (l):

(1) TEP-9, Pg. 1, Col(b), Ln (1)
(2) TEP-9, Pg. 1, Col(b), Ln (2)
(3) TEP-9, Pg. 1, Col(b), Ln (3)
(4) TEP-9, Pg. 1, Col(b), Ln (4)
(5) TEP-9, Pg. 1, Col(b), Ln (5) + TEP-9, Pg. 1, Col(b), Ln (6)
(6) TEP-9, Pg. 1, Col(b), Ln (7) + TEP-9, Pg. 1, Col(b), Ln (8) + TEP-9, Pg. 1, Col(b), Ln (9)
(7) TEP-9, Pg. 1, Col(b), Ln (10) + TEP-9, Pg. 1, Col(b), Ln (11) + TEP-9, Pg. 1, Col(b), Ln (12)
(8) TEP-9, Pg. 1, Col(b), Ln (16) + TEP-9, Pg. 1, Col(b), Ln (17) + TEP-9, Pg. 1, Col(b), Ln (18)
(9) TEP-9, Pg. 1, Col(b), Ln (13) + TEP-9, Pg. 1, Col(b), Ln (14) + TEP-9, Pg. 1, Col(b), Ln (15)
(10) TEP-9, Pg. 1, Col(b), Ln (19) + TEP-9, Pg. 1, Col(b), Ln (20) + TEP-9, Pg. 1, Col(b), Ln (21)
(11) sum[(1):(10)]

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**Customer Charge ($)**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | Residential non-heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (3) | Residential heat | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | Residential heat Low Income | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 | $11.70 |
| (5) | Small | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 | $22.00 |
| (6) | Medium | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 | $70.00 |
| (7) | LLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (8) | LLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |
| (9) | HLF large | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 | $175.00 |
| (10) | HLF XL | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 | $425.00 |

Footnotes:

(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(2) RIPUC NG-GAS No. 101, Section 4, Schedule B
(3) RIPUC NG-GAS No. 101, Section 4, Schedule C
(4) RIPUC NG-GAS No. 101, Section 4, Schedule D
(5) RIPUC NG-GAS No. 101, Section 5, Schedule A
(6) RIPUC NG-GAS No. 101, Section 5, Schedule B
(7) RIPUC NG-GAS No. 101, Section 5, Schedule E
(8) RIPUC NG-GAS No. 101, Section 5, Schedule F
(9) RIPUC NG-GAS No. 101, Section 5, Schedule C
(10) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Customer Charge Revenue**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $222,300 | $222,079 | $221,546 | $220,922 | $219,973 | $218,725 | $217,750 | $216,502 | $215,852 | $215,228 | $214,747 | $214,409 | $2,620,033 |
| (2) | Residential non-heat Low Income | $2,609 | $2,703 | $2,703 | $2,703 | $2,609 | $2,445 | $2,363 | $2,200 | $2,188 | $2,176 | $2,200 | $2,258 | $29,157 |
| (3) | Residential heat | $2,684,318 | $2,685,176 | $2,692,079 | $2,706,626 | $2,728,193 | $2,747,979 | $2,760,537 | $2,765,035 | $2,761,421 | $2,754,167 | $2,743,845 | $2,734,303 | $32,763,679 |
| (4) | Residential heat Low Income | $203,054 | $204,481 | $204,563 | $204,259 | $202,644 | $199,906 | $198,362 | $195,718 | $195,566 | $195,530 | $196,092 | $197,168 | $2,397,343 |
| (5) | Small | $418,066 | $416,130 | $417,252 | $419,892 | $424,358 | $428,714 | $431,222 | $431,376 | $429,968 | $427,438 | $423,984 | $420,574 | $5,088,974 |
| (6) | Medium | $360,220 | $360,710 | $361,340 | $362,110 | $363,160 | $364,070 | $364,770 | $365,400 | $365,890 | $366,520 | $367,080 | $367,710 | $4,368,980 |
| (7) | LLF large | $79,625 | $79,625 | $79,625 | $79,625 | $79,625 | $79,800 | $79,975 | $79,975 | $79,975 | $79,975 | $79,975 | $79,975 | $957,775 |
| (8) | LLF XL | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $14,450 | $173,400 |
| (9) | HLF large | $35,175 | $35,350 | $35,525 | $35,525 | $35,350 | $35,350 | $35,525 | $35,350 | $35,525 | $35,525 | $35,875 | $36,225 | $426,300 |
| (10) | HLF XL | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $39,525 | $474,300 |
| (11) | **Total** | $4,059,342 | $4,060,229 | $4,068,608 | $4,085,637 | $4,109,887 | $4,130,964 | $4,144,479 | $4,145,531 | $4,140,360 | $4,130,534 | $4,117,773 | $4,106,597 | $49,299,941 |

Footnotes:
(1) Pg. 24, Ln (1) x Pg. 25, Ln (1)
(2) Pg. 24, Ln (2) x Pg. 25, Ln (2)
(3) Pg. 24, Ln (3) x Pg. 25, Ln (3)
(4) Pg. 24, Ln (4) x Pg. 25, Ln (4)
(5) Pg. 24, Ln (5) x Pg. 25, Ln (5)
(6) Pg. 24, Ln (6) x Pg. 25, Ln (6)
(7) Pg. 24, Ln (7) x Pg. 25, Ln (7)
(8) Pg. 24, Ln (8) x Pg. 25, Ln (8)
(9) Pg. 24, Ln (9) x Pg. 25, Ln (9)
(10) Pg. 24, Ln (10) x Pg. 25, Ln (10)
(11) sum[(1):(10)]

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**Rhode Island - Rate Year: September 2018 - August 2019**
**Rate Year Revenues, Customers, Consumption**

**Normal Volumes (dth's)**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 14,810 | 17,426 | 24,125 | 36,253 | 44,965 | 43,310 | 60,109 | 46,209 | 30,194 | 20,728 | 15,323 | 13,905 | 367,357 |
| (2) | Residential non-heat Low Income | 262 | 336 | 689 | 1,299 | 1,632 | 1,395 | 1,641 | 1,350 | 799 | 356 | 217 | 204 | 10,177 |
| (3) | Residential heat | 402,228 | 504,932 | 1,141,770 | 2,129,842 | 3,005,040 | 3,298,722 | 2,867,626 | 1,962,432 | 1,065,881 | 581,079 | 412,519 | 377,610 | 17,749,681 |
| (4) | Residential heat Low Income | 36,971 | 43,047 | 95,055 | 179,726 | 241,690 | 256,835 | 226,107 | 154,189 | 81,912 | 45,263 | 34,175 | 31,178 | 1,426,148 |
| (5) | Small | 51,076 | 64,078 | 134,418 | 315,281 | 438,162 | 460,027 | 416,409 | 279,819 | 128,081 | 81,077 | 48,587 | 46,159 | 2,463,176 |
| (6) | Medium | 165,735 | 224,438 | 385,728 | 681,543 | 871,181 | 831,246 | 803,842 | 593,020 | 385,492 | 226,260 | 177,228 | 178,972 | 5,524,685 |
| (7) | LLF large | 55,337 | 95,902 | 209,795 | 381,587 | 464,203 | 460,347 | 410,115 | 260,582 | 147,048 | 70,434 | 41,983 | 39,384 | 2,636,715 |
| (8) | LLF XL | 25,559 | 77,899 | 121,998 | 188,809 | 214,544 | 191,415 | 169,773 | 106,165 | 60,258 | 28,309 | 19,372 | 19,032 | 1,223,133 |
| (9) | HLF large | 78,236 | 86,462 | 98,853 | 126,723 | 143,600 | 130,534 | 131,788 | 116,125 | 108,982 | 101,300 | 95,967 | 91,707 | 1,310,278 |
| (10) | HLF XL | 521,696 | 547,918 | 582,002 | 664,767 | 663,442 | 572,665 | 603,591 | 603,849 | 555,498 | 544,786 | 554,220 | 546,676 | 6,961,109 |
| (11) | **Total** | 1,351,911 | 1,662,439 | 2,794,434 | 4,705,829 | 6,088,459 | 6,246,495 | 5,691,000 | 4,123,739 | 2,564,144 | 1,699,591 | 1,399,591 | 1,344,827 | 39,672,460 |

Footnotes:
(1) TEP-2, Pg. 1, Ln 1
(2) TEP-2, Pg. 1, Ln 2
(3) TEP-2, Pg. 1, Ln 3
(4) TEP-2, Pg. 1, Ln 4
(5) TEP-2, Pg. 1, Ln 5 + TEP-2, Pg. 1, Ln 6
(6) TEP-2, Pg. 1, Ln 7 + TEP-2, Pg. 1, Ln 8 + TEP-2, Pg. 1, Ln 9
(7) TEP-2, Pg. 1, Ln 10 + TEP-2, Pg. 1, Ln 11 + TEP-2, Pg. 1, Ln 12
(8) TEP-2, Pg. 1, Ln 16 + TEP-2, Pg. 1, Ln 17 + TEP-2, Pg. 1, Ln 18
(9) TEP-2, Pg. 1, Ln 13 + TEP-2, Pg. 1, Ln 14 + TEP-2, Pg. 1, Ln 15
(10) TEP-2, Pg. 1, Ln 19 + TEP-2, Pg. 1, Ln 20 + TEP-2, Pg. 1, Ln 21
(11) sum[(1):(10)]

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**Allocation to Head Block**
Based on Actual Bill Frequencies

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (2) | Residential non-heat Low Income | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (3) | Residential heat | 85.62% | 78.98% | 70.89% | 83.58% | 71.51% | 67.13% | 74.05% | 86.95% | 73.25% | 75.96% | 79.29% | 89.00% |
| (4) | Residential heat Low Income | 89.25% | 85.07% | 73.86% | 87.76% | 74.51% | 72.66% | 78.58% | 90.99% | 76.70% | 82.44% | 82.43% | 93.49% |
| (5) | Small | 26.26% | 24.81% | 47.53% | 51.04% | 41.20% | 42.36% | 45.86% | 57.84% | 45.50% | 27.49% | 24.40% | 35.60% |
| (6) | Medium | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (7) | LLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (8) | LLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (9) | HLF large | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| (10) | HLF XL | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Footnotes:
(1)-(10) Company Block Reports

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**Variable Base Rates ($ per dth)**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (2) | | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 | $4.3860 |
| (3) | Residential non-heat Low Income | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (4) | | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 | $3.9470 |
| (5) | Residential heat | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 | $4.6720 |
| (6) | | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 | $3.0100 |
| (7) | Residential heat Low Income | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 | $4.2050 |
| (8) | | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 | $2.7090 |
| (9) | Small | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 | $5.4310 |
| (10) | | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 | $2.2420 |
| (11) | Medium | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 | $1.8650 |
| (12) | LLF large | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 | $1.7270 |
| (13) | LLF XL | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 | $0.3280 |
| (14) | HLF large | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 | $1.0070 |
| (15) | HLF XL | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 | $0.2560 |

Footnotes:

(1) RIPUC NG-GAS No. 101, Section 4, Schedule A
(3) RIPUC NG-GAS No. 101, Section 4, Schedule B
(5) RIPUC NG-GAS No. 101, Section 4, Schedule C
(7) RIPUC NG-GAS No. 101, Section 4, Schedule D
(9) RIPUC NG-GAS No. 101, Section 5, Schedule A
(11) RIPUC NG-GAS No. 101, Section 5, Schedule B
(12) RIPUC NG-GAS No. 101, Section 5, Schedule E
(13) RIPUC NG-GAS No. 101, Section 5, Schedule F
(14) RIPUC NG-GAS No. 101, Section 5, Schedule C
(15) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Variable Base Revenue**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Residential non-heat | $64,959 | $76,431 | $105,814 | $159,004 | $197,219 | $189,956 | $263,637 | $202,674 | $132,430 | $90,911 | $67,207 | $60,989 | $1,611,231 |
| (2) | Residential non-heat Low Income | $1,033 | $1,327 | $2,719 | $5,126 | $6,441 | $5,507 | $6,477 | $5,327 | $3,152 | $1,404 | $855 | $803 | $40,171 |
| (3) | Residential heat | $1,783,077 | $2,182,673 | $4,781,907 | $9,369,413 | $12,616,654 | $13,609,507 | $12,160,636 | $8,742,883 | $4,505,991 | $2,482,638 | $1,785,279 | $1,695,133 | $75,715,791 |
| (4) | Residential heat Low Income | $149,516 | $171,398 | $362,534 | $722,831 | $924,147 | $974,938 | $878,315 | $627,590 | $315,885 | $178,439 | $134,722 | $128,069 | $5,568,384 |
| (5) | Small | $157,288 | $194,360 | $505,123 | $1,220,020 | $1,558,090 | $1,652,763 | $1,542,574 | $1,143,495 | $473,016 | $252,846 | $146,743 | $155,898 | $9,002,216 |
| (6) | Medium | $309,095 | $418,576 | $719,383 | $1,271,078 | $1,624,752 | $1,550,273 | $1,499,166 | $1,105,983 | $718,943 | $421,975 | $330,531 | $333,783 | $10,303,538 |
| (7) | LLF large | $95,568 | $165,623 | $362,317 | $659,000 | $801,678 | $795,019 | $708,268 | $450,024 | $253,951 | $121,639 | $72,504 | $68,016 | $4,553,607 |
| (8) | LLF XL | $8,383 | $25,551 | $40,016 | $61,929 | $70,370 | $62,784 | $55,685 | $34,822 | $19,765 | $9,285 | $6,354 | $6,243 | $401,187 |
| (9) | HLF large | $78,784 | $87,068 | $99,545 | $127,610 | $144,605 | $131,448 | $132,710 | $116,938 | $109,745 | $102,009 | $96,639 | $92,349 | $1,319,450 |
| (10) | HLF XL | $133,554 | $140,267 | $148,992 | $170,180 | $169,841 | $146,602 | $154,519 | $154,585 | $142,207 | $139,465 | $141,880 | $139,949 | $1,782,041 |
| (11) | **Total** | $2,781,257 | $3,463,274 | $7,128,350 | $13,766,191 | $18,113,797 | $19,118,797 | $17,401,987 | $12,584,321 | $6,675,085 | $3,800,611 | $2,782,714 | $2,681,232 | $110,297,616 |

Footnotes:

(1) [Pg. 27, Ln (1) x Pg. 28, Ln (1) x Pg. 29, Ln (1)] + {[Pg. 27, Ln (1) - (Pg. 27, Ln (1) x Pg. 28, Ln (1))] x Pg. 29, Ln (2)}
(2) [Pg. 27, Ln (2) x Pg. 28, Ln (2) x Pg. 29, Ln (3)] + {[Pg. 27, Ln (2) - (Pg. 27, Ln (2) x Pg. 28, Ln (2))] x Pg. 29, Ln (4)}
(3) [Pg. 27, Ln (3) x Pg. 28, Ln (3) x Pg. 29, Ln (5)] + {[Pg. 27, Ln (3) - (Pg. 27, Ln (3) x Pg. 28, Ln (3))] x Pg. 29, Ln (6)}
(4) [Pg. 27, Ln (4) x Pg. 28, Ln (4) x Pg. 29, Ln (7)] + {[Pg. 27, Ln (4) - (Pg. 27, Ln (4) x Pg. 28, Ln (4))] x Pg. 29, Ln (8)}
(5) [Pg. 27, Ln (5) x Pg. 28, Ln (5) x Pg. 29, Ln (9)] + {[Pg. 27, Ln (5) - (Pg. 27, Ln (5) x Pg. 28, Ln (5))] x Pg. 29, Ln (10)}
(6) [Pg. 27, Ln (6) x Pg. 28, Ln (6) x Pg. 29, Ln (11)]
(7) [Pg. 27, Ln (7) x Pg. 28, Ln (7) x Pg. 29, Ln (12)]
(8) [Pg. 27, Ln (8) x Pg. 28, Ln (8) x Pg. 29, Ln (13)]
(9) [Pg. 27, Ln (9) x Pg. 28, Ln (9) x Pg. 29, Ln (14)]
(10) [Pg. 27, Ln (10) x Pg. 28, Ln (10) x Pg. 29, Ln (15)]
(11) sum[(1):(10)]

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**Demand Volumes**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | 40,451 | 41,052 | 33,636 | 30,101 | 31,560 | 31,664 | 31,103 | 31,972 | 31,263 | 31,667 | 41,909 | 41,401 | 417,779 |
| (2) | LLF large | 20,461 | 21,318 | 18,298 | 16,122 | 16,735 | 16,761 | 16,532 | 16,879 | 16,187 | 16,480 | 21,427 | 21,216 | 218,416 |
| (3) | LLF XL | 7,897 | 7,787 | 7,527 | 6,826 | 6,783 | 6,536 | 6,766 | 6,766 | 6,765 | 6,767 | 7,869 | 7,897 | 86,187 |
| (4) | HLF large | 5,041 | 5,011 | 4,638 | 4,093 | 4,503 | 4,712 | 4,180 | 4,138 | 4,048 | 4,181 | 5,720 | 5,878 | 56,142 |
| (5) | HLF XL | 23,545 | 23,402 | 23,301 | 21,032 | 21,595 | 21,119 | 21,119 | 21,119 | 21,170 | 21,010 | 26,077 | 22,877 | 267,367 |
| (6) | **Total** | 97,396 | 98,570 | 87,400 | 78,174 | 81,176 | 80,793 | 79,700 | 80,873 | 79,432 | 80,106 | 103,003 | 99,268 | 1,045,891 |

Footnotes:
(1)-(5) Company Billing System Report
(6) sum[(1):(5)]

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**Demand Rates per dth**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (2) | LLF large | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (3) | LLF XL | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 | $13.00 |
| (4) | HLF large | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |
| (5) | HLF XL | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 | $18.00 |

Footnotes:
(1) RIPUC NG-GAS No. 101, Section 5, Schedule B
(2) RIPUC NG-GAS No. 101, Section 5, Schedule E
(3) RIPUC NG-GAS No. 101, Section 5, Schedule F
(4) RIPUC NG-GAS No. 101, Section 5, Schedule C
(5) RIPUC NG-GAS No. 101, Section 5, Schedule D

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**Demand Revenues**

| Line No. | | Sep-18 (a) | Oct-18 (b) | Nov-18 (c) | Dec-18 (d) | Jan-19 (e) | Feb-19 (f) | Mar-19 (g) | Apr-19 (h) | May-19 (i) | Jun-19 (j) | Jul-19 (k) | Aug-19 (l) | Total Sep 18-Aug19 (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | Medium | $525,862 | $533,682 | $437,265 | $391,315 | $410,277 | $411,635 | $404,344 | $415,633 | $406,413 | $411,675 | $544,818 | $538,210 | $5,431,129 |
| (2) | LLF large | $265,996 | $277,139 | $237,880 | $209,584 | $217,550 | $217,890 | $214,911 | $219,424 | $210,429 | $214,246 | $278,556 | $275,807 | $2,839,412 |
| (3) | LLF XL | $102,665 | $101,232 | $97,857 | $88,738 | $88,184 | $84,973 | $87,956 | $87,956 | $87,942 | $87,970 | $102,301 | $102,657 | $1,120,431 |
| (4) | HLF large | $90,739 | $90,194 | $83,482 | $73,678 | $81,045 | $84,815 | $75,244 | $74,477 | $72,862 | $75,253 | $102,963 | $105,805 | $1,010,557 |
| (5) | HLF XL | $423,811 | $421,231 | $419,417 | $378,571 | $388,715 | $380,147 | $380,147 | $380,147 | $381,061 | $378,181 | $469,388 | $411,783 | $4,812,599 |
| (6) | **Total** | $1,409,073 | $1,423,478 | $1,275,901 | $1,141,886 | $1,185,771 | $1,179,460 | $1,162,602 | $1,177,637 | $1,158,707 | $1,167,325 | $1,498,026 | $1,434,262 | $15,214,128 |

Footnotes:
(1) Pg. 31, Ln (1) x Pg. 32, Ln (1)
(2) Pg. 31, Ln (2) x Pg. 32, Ln (2)
(3) Pg. 31, Ln (3) x Pg. 32, Ln (3)
(4) Pg. 31, Ln (4) x Pg. 32, Ln (4)
(5) Pg. 31, Ln (5) x Pg. 32, Ln (5)
(6) sum[(1):(5)]

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