The Narragansett Electric Company
d/b/a National Grid

Excess Deferred Income Tax True-Up

Joint Pre-Filed Direct Testimony of:

Pamela D. Bushmich
Melissa A. Little
Michael J. Pini
Robin E. Pieri

Book 1 of 2

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nationalgrid

Filing Letter

PRE-FILED JOINT DIRECT TESTIMONY

OF

PAMELA D. BUSHMICH

MELISSA A. LITTLE

MICHAEL J. PINI

ROBIN E. PIERI

Table of Contents

I. Introduction

Pamela D. Bushmich

Q. Ms. Bushmich, please state your full name and business address.

A. My name is Pamela D. Bushmich, and my business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

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

A. I am the Director of Income Tax – Massachusetts Jurisdiction for the National Grid USA Service Company, Inc. (Service Company). The Service Company provides engineering, financial, administrative, management, and other technical support to direct and indirect subsidiary companies of National Grid USA (National Grid). In my current role, I provide services to the Service Company for both its gas and electric businesses in New England, including The Narragansett Electric Company d/b/a National Grid (the Company).[1] One of my functional responsibilities is to coordinate the process of providing income tax information in regulatory filings for all National Grid affiliated utility companies, including the Company.

[1] The term "Company" refers to The Narragansett Electric Company's electric and gas distribution operations on a collective basis. The electric and gas distribution operations of The Narragansett Electric Company together represent the entirety of the regulated operations conducted in Rhode Island by the Company. Where there is a need to refer to the individual electric and gas distribution operations of the Company, the terms "Narragansett Electric" or "Narragansett Gas," respectively, are used in this testimony.

Q. Please describe your educational background and professional experience.

A. I have a Bachelor of Science in Business Administration with majors in Accounting and Finance from Nichols College and a Master of Science in Taxation from Bentley University. From 1996 to 2000, I worked at Bay State Gas Company as a senior tax analyst. I started at National Grid in 2000 as a senior tax analyst and progressed through various levels in the income tax department to my present position of Director.

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

A. Yes. On February 21, 2018, I submitted supplemental direct testimony in the Company's annual Electric Infrastructure, Safety, and Reliability (ISR) Plan for Fiscal Year (FY) 2019 regarding the Company's Revised ISR Plan Revenue Requirement.

<u>Melissa A. Little</u>

Q. Ms. Little, please state your full name and business address.

A. My name is Melissa A. Little, and my business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

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

A. I am Director, New England Revenue Requirements for the Service Company. My current duties include revenue requirement responsibilities for National Grid's gas and electric distribution activities in New England, including the Company.

Q. Please describe your educational background and professional experience.

A. In 2000, I received a Bachelor of Science degree in Accounting Information Systems from Bentley College (now Bentley University). In September 2000, I joined Pricewaterhouse Coopers LLP in Boston, Massachusetts, where I worked as an associate in the Assurance practice. In November 2004, I joined National Grid as an Analyst in the General Accounting group. After the merger of National Grid and KeySpan Corporation in 2007, I joined the Regulation and Pricing department as a Senior Analyst in the Regulatory Accounting function while also supporting the Revenue Requirement team for the Company's upstate New York affiliate, Niagara Mohawk Power Corporation. In July 2011, I joined the New England Revenue Requirement team and was promoted to Lead Specialist in the Regulation and Pricing department, where my duties included revenue requirement responsibilities for National Grid's gas and electric distribution activities in New England, including the Company. In August 2017, I was promoted to my current position.

Q. Have you previously filed testimony or testified before the PUC?

A. Yes. I have testified before the PUC on numerous occasions, including in support of the Company's revenue requirement for the Company's Application to Change Electric and Gas Base Distribution Rates in Docket No. 4770 and the Proposed Power Sector Transformation (PST) Vision and Implementation Plan in Docket No. 4780. In addition, I have testified as the revenue requirement witness in numerous Gas and Electric ISR Plan proceedings and in other matters before the PUC.

Michael J. Pini

Q. Please state your name and business address.

A. My name is Michael J. Pini, and my business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

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

A. I am a Lead Program Manager in the New England Gas Pricing department for the Service Company. My responsibilities include the design, implementation, and administration of rates and tariffs for Narragansett Gas and the Company's Massachusetts affiliates, Boston Gas Company (Boston Gas) and Colonial Gas Company (Colonial Gas), each d/b/a National Grid.

Q. Please provide your educational background and professional experience.

A. I earned a Bachelor of Science in Economics and Finance from Bentley University in 2010. In 2009, I joined National Grid as an intern in the Support Services function within the Gas Operations department. In 2010, I became an Associate Analyst in the Regulatory Compliance department. In 2011, I joined the New England Electric Pricing group and was promoted to Analyst in 2012. In 2013, my responsibilities changed to supporting Boston Gas and Colonial Gas, and, in 2014, I was promoted to Senior Analyst in the same capacity. In 2017, I was promoted to Lead Program Manager, supporting the Company.

Q. Have you previously testified before the PUC?

A. I have not testified before the PUC, but I have testified before the Massachusetts Department of Public Utilities on several occasions related to the Gas System Enhancement Plan for Boston Gas and Colonial Gas, namely, to present the calculation of the Gas System Enhancement Plan Factors and customer bill impacts associated with the implementation of the Gas System Enhancement Plan Factors.

Robin E. Pieri

Q. Please state your full name and business address.

A. My name is Robin E. Pieri, and my business address is 40 Sylvan Road, Waltham, Massachusetts 02451.

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

A. I am a Senior Analyst for Electric Pricing, New England in the Regulation and Pricing department of the Service Company. This department provides rate-related support to the Company.

Q. Please describe your educational background and professional experience.

A. In 1998, I graduated from the University of Massachusetts in Lowell, Massachusetts with a Bachelor of Science degree in Psychology. For approximately 15 years before joining National Grid, I was employed by Advantage Resourcing America (Advantage) as a Senior Financial Analyst, where I was responsible for budgeting, forecasting, and analysis for numerous Advantage business units around the world, as well Advantage's Corporate Division. Prior to working at Advantage, I held various positions in accounting and finance. In March 2015, I began my employment with National Grid as a Senior Analyst in the New England Electric Pricing department.

Q. Have you previously testified before the PUC?

A. Yes, I have submitted pre-filed testimony in several dockets, including the 2017 and 2018 Electric Revenue Decoupling Mechanism filings (Docket Nos. 4699 and 4824, respectively). Additionally, I have testified in dockets related to the Company's Arrearage Management Program (Docket No. 4651), Company-Owned LED Streetlighting Proposal (Docket No. 4628), Request for Approval of Storm Contingency Fund Replenishment (Docket No. 4686), and most recently I have submitted testimony in Docket No. 4930, the 2019 Electric Annual Retail Rate Filing.

II. <u>Purpose and Structure of Testimony</u>

Q. What is the purpose of your testimony in this docket?

A. The purpose of our testimony is to update the gas and electric revenue requirements and associated distribution rates to reflect the true-up of the excess accumulated deferred income tax (ADIT) as provided in Article II, Section C.22.a. of the Amended Settlement Agreement among the Parties[2] approved by the PUC on August 24, 2018, in Docket No. 4770 (the Amended Settlement Agreement).

Q. Please describe the Excess Deferred Taxes True Up provision of the Amended Settlement Agreement.

A. To account for revisions to the corporate tax rate modified by the federal Tax Cuts and Jobs Act (Tax Act), the Company had recorded the $116 million and $51 million estimates of customer-related excess ADIT for Narragansett Electric and Narragansett Gas, respectively, to a tax regulatory liability account in recognition that customers will be credited those excess deferred taxes.[3] At the time the Parties entered into the Amended Settlement Agreement, the Company had not yet completed its fiscal year

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[2] The term "Parties" means collectively the Company; the Division of Public Utilities and Carriers; the Office of Energy Resources; the U.S. Department of the Navy and the Federal Executive Agencies; Conservation Law Foundation; Energy Consumers Alliance of New England, Inc. d/b/a People's Power and Light; Sierra Club; Natural Resources Defense Council; Acadia Center; Northeast Clean Energy Council; the George Wiley Center; New Energy Rhode Island; Wal-Mart Stores East, LP and Sam's East, Inc.; Direct Energy Business, LLC, Direct Energy Services, LLC, and Direct Energy Solar; ChargePoint, Inc.; and National Railroad Passenger Corporation, as more specifically described in the Amended Settlement Agreement.

[3] *See also* Attachment 24 of the Amended Settlement Agreement, which is a copy of the Company's response to PUC 4-1 (Supplemental) filed in this docket. For ease of reference, the Company has provided a copy of its response to PUC 4-1 (Supplemental) as Attachment NG-1 to this testimony.

ended March 31, 2018 federal income tax return, which would enable the Company to calculate more accurately excess deferred taxes and the timing over which they should be returned to customers. With the filing of the fiscal year ended March 31, 2018 federal income tax return in December 2018, the estimates would become final, and the excess deferred tax regulatory liability would be adjusted to reflect that final balance.

The Amended Settlement Agreement provided for a reduction to Narragansett Electric and Narragansett Gas revenue requirements by a high-level estimate of excess ADIT amortization of $5.1 million and $2.0 million, respectively. The Company agreed to true up these estimates in a supplemental compliance filing to be filed with the PUC in Docket No. 4770 after the Company filed its Fiscal Year 2018 federal income tax return in December 2018. The true-up would reconcile the impact of the actual excess deferred tax amortization with the estimated amounts identified above and determine the final revenue requirements for Narragansett Electric and Narragansett Gas effective September 1, 2018. From the supplemental revenue requirements, the Company would calculate the difference between the revenue requirements it began recovering September 1, 2018, and the revenue requirements in the supplemental compliance filing in Docket No. 4770 (Deferred Tax Differential). The Company agreed to submit to the PUC for its review and approval a filing to address the ratemaking treatment of the Deferred Tax Differential for Narragansett Electric and Narragansett Gas no later than March 1, 2019.

Q. How is your testimony structured?

A. Section I is the Introduction. Section II presents the Purpose and Structure of our testimony. Section III presents the updated amounts of excess ADIT and the associated amortization and discusses the reasons for the differences in these amounts from what was included in the electric and gas revenue requirements in the Company's August 16, 2018 Compliance Filing in Docket No. 4770 approved by the PUC on August 24, 2018 (Compliance Filing). Section IV presents the updated electric and gas revenue requirements, the difference in the revenue requirements from those included in the Compliance Filing, and a discussion of what changed in the respective revenue requirement as a result of the true up of excess ADIT. Section V presents the Company's proposal regarding the ratemaking treatment of the change in the Narragansett Electric revenue requirements for Rate Year 1 (i.e., September 1, 2018 through August 31, 2019), Rate Year 2 (i.e., September 1, 2019 through August 31, 2020), and Rate Year 3 (i.e., September 1, 2020 through August 31, 2021), including proposed base distribution rates and bill impacts for Rate Year 2 and Rate Year 3, and proposed tariff revisions. Section VI presents the Company's proposal regarding the ratemaking treatment of the change in the Narragansett Gas revenue requirements for Rate Year 1, Rate Year 2, and Rate Year 3, including proposed base distribution rates and bill impacts for Rate Year 2 and Rate Year 3, and proposed tariff revisions. Section VII is the Conclusion to our testimony.

Q. Has the Company included attachments to this filing?

A. Yes, the Company has included the following attachments:[4]

Attachment NG-1, Company's Response to PUC 4-1 (Supplemental) in Docket No. 4770

Attachment NG-2, IRS, Private Letter Ruling, Section 167 – Depreciation, PLR 201534001

Supplemental Compliance Attachment 1, Narragansett Electric and Narragansett Gas Revenue Requirement Settlement Terms, Rate Years 1, 2, 3

Supplemental Compliance Attachment 2, Narragansett Electric and Narragansett Gas Revenue Requirements, Rate Years 1, 2, 3

Supplemental Compliance Attachment 8, Narragansett Electric Revenue Allocation

Supplemental Compliance Attachment 9, Narragansett Electric Distribution Rate Design

Supplemental Compliance Attachment 10, Narragansett Electric Bill Impacts

Supplemental Compliance Attachment 13, Narragansett Electric Redlined Tariff

Supplemental Compliance Attachment 16, Narragansett Gas Revenue Allocation, Firm and Non-Firm Distribution Rate Design

Supplemental Compliance Attachment 17, Narragansett Gas Bill Impacts

Supplemental Compliance Attachment 19, Narragansett Gas Redlined Tariff

Supplemental Compliance Attachment 31, Narragansett Electric and Narragansett Gas Calculation of Revised Excess Accumulated Deferred Income Taxes & Amortization

[4] The attachments referred to as "Supplemental Compliance Attachment" reflect the updates presented in this filing to the same attachments filed with the PUC in the Compliance Filing.

III. Update in Excess ADIT

Q. Why does the total of excess ADIT change from the amounts in Docket No. 4770 by filing the consolidated federal income tax return?

A. The Company's tax return process began with a provision at its fiscal year end of March 31, 2018, which was the best estimate at that time of the permanent and temporary book/tax differences[5] that would be included in the consolidated federal income tax return. For the FY 2018 provision, the Company also booked its best estimate of the federal income tax rate change, based on the provision numbers, and the associated excess ADIT. The Company also made a broad estimate of the annual amortization of excess ADIT to include in the revenue requirements for Narragansett Electric and Narragansett Gas in the Compliance Filing. After the provision, the Company spent several months calculating the actual tax return book/tax differences, filed the tax return in December 2018, and booked true-up entries to the provision that included a true-up to the excess ADIT numbers. The main differences reflected in the true-up were related to plant differences for the repair deduction and bonus depreciation offset by an increase to net operating loss (NOL).

[5] Deferred taxes for the Company are primarily the result of differences in the timing of when a cost is expensed (i.e., deducted) on its federal income tax return, and when it is expensed on the Company's books. These are referred to as "book-to-tax return differences" or "book/tax timing differences." In general, costs are expensed on an accelerated basis for tax return purposes than they are on the Company's books. The most prevalent book/tax timing difference relates to plant which is expensed for tax purposes faster than it is depreciated on the Company's books.

Q. In its response to Division 1-31 in this docket, the Company stated that it would be implementing a deferred tax module within its PowerTax system. Has the Company implemented this deferred tax module?

A. Yes. The Company keeps all tax related depreciation and the tax basis of its plant assets in its PowerTax system. At the time of the Compliance Filing, the PowerTax system calculated book-to-tax depreciation timing differences for the current fiscal year only; therefore, the Company was unable to provide the amounts for protected and unprotected plant related deferred taxes at that time. To identify and to calculate protected and unprotected property balances, the Company needed to implement a deferred tax module in PowerTax to match up the historic book depreciation amounts, by vintage and by asset type. The new deferred tax model was also needed to accurately determine the timing of the reversal of the underlying plant related book-to-tax timing differences, which establishes the timing for the pass back to customers of the protected excess deferred federal income taxes.

The Company has now implemented the deferred tax module within its PowerTax system to correctly calculate the split between protected and unprotected plant excess ADIT and to calculate the annual excess ADIT amortization of protected plant under the Average Rate Assumption Method (ARAM). The project began by balancing the book plant cost balances between PowerPlant, the system of record for book plant records, and PowerTax, the system of record for tax plant records, by vintage and asset class. Because the book reserve is not kept in the PowerTax system, the book reserve was brought into the deferred tax module and allocated based on vintage and tax class and split between book and tax basis adjustments, with the remainder classified as method/life differences. The method/life differences encompass the difference between book depreciation lives and tax depreciation lives and the methods used such as straight line for book and accelerated depreciation methods for tax such as bonus depreciation. The excess ADIT associated with method/life differences is protected under the normalization rules and all other excess ADIT is considered unprotected from the normalization rules. The system is also able to calculate the amortization of protected excess ADIT under ARAM by applying the current book depreciation rates against the March 2018 balances and projecting the reversals of temporary differences into the future.

Q. Why is the Narragansett Gas unprotected plant balance so much larger than it is for Narragansett Electric?

A. The Narragansett Gas unprotected plant balance is $51.1 million compared to the Narragansett Electric unprotected plant balance of $17.8 million. This disparity is caused by the tax repair methodology that the Company uses to accelerate income tax expensing from additions that are capitalized for book purposes. Each fiscal year, the Company performs a study of book capital additions to determine if they qualify as a repair for income tax purposes. Historically, there has been a much higher percentage of additions qualifying as a repair for Narragansett Gas. The repair basis adjustment within PowerTax is classified as an unprotected balance.

Q. Why does the excess ADIT on the NOL zero out the protected plant amortization?

A The Company has relied on several Internal Revenue Service (IRS) Private Letter Ruling (PLR) requests that concluded the NOL deferred tax asset is linked with the plant-related deferred tax liability for the difference between book and tax depreciation. In PLR 201534001, a copy of which is provided as Attachment NG-2, the IRS uses the concept of "last dollars deducted," which means the Company calculates taxable income in any given year without the book/tax depreciation difference and then with the depreciation difference. The NOL created by that difference is then the offset to the deferred tax on book/tax depreciation differences. The Company consistently has applied the NOL deferred tax asset against the plant related deferred tax liability for deferred taxes assigned to rate base, as the normalization rules require. It follows that the rate change on the NOL is also linked to the rate change on protected property. As the protected excess ADIT amortizes, the Company is also reversing, in an equal amount, the unfunded ADIT for the NOL. After the NOL rate change, ADIT is fully amortized, the Company will then return the remainder of the protected excess ADIT to customers.

Q. In the Amended Settlement Agreement, the Company was requesting to recover unfunded ADIT from customers related to the Service Company timing differences. The present filing is proposing a credit to customers of excess ADIT. Why is there a significant change in Service Company rate change related taxes?

A. At March 31, 2018, the Company calculated its best estimate, prior to filing the consolidated federal income tax return, of the deferred tax results of changing the statutory federal rate from 35 percent to 21 percent. Certain rate change results were recorded as a credit to the income statement as they were considered shareholder items. The remainder of the deferred tax rate change was recorded to a tax regulatory account. Timing differences related to non-qualified pension accounts, charitable contribution carryforwards, and share-based compensation are examples of these items. Any tax rate change related to an underlying account that is not funded by the customer is considered a shareholder item. In addition to plant, one of the largest temporary differences at the Service Company is related to pension and other post-employment benefit (OPEB) liabilities. As customers fund these expenses, the rate change was recorded to a tax regulatory asset. After further analysis, it was recognized that a significant portion of the pension and OPEB related deferred taxes were recorded through Other Comprehensive Income (OCI) to match the increase in pension and OPEB pre-tax liabilities that were recorded through OCI. As customers do not reimburse the Company for pension or OPEB expenses until these expenses are recycled out of OCI into the income statement, the Company determined that the rate change on the OCI deferred taxes is more appropriately a shareholder item and adjusted the tax regulatory account appropriately.

IV. Updated Narraganset Electric and Narragansett Gas Revenue Requirements

Q. What are the total revised Narragansett Electric and Narragansett Gas revenue requirements due to the updated excess ADIT?

A. The total revised Narragansett Electric revenue requirements are $292.9 million in Rate Year 1, $296.5 million in Rate Year 2, and $298.8 million in Rate Year 3. The total revised Narragansett Gas revenue requirements are $218.2 million in Rate Year 1, $223.9 million in Rate Year 2, and $227.2 million in Rate Year 3.

Q. Please summarize the change in the Narragansett Electric and Narragansett Gas revenue requirements related to the updated excess ADIT.

A. The updated excess ADIT results in increases to the Narragansett Electric revenue requirements of $1.8 million in Rate Year 1, $1.5 million in Rate Year 2, and $1.2 million in Rate Year 3 compared to the Narragansett Electric revenue requirements included in the Compliance Filing. The updated excess ADIT results in decreases to the Narragansett Gas revenue requirements of $0.4 million in Rate Year 1, $0.4 million in Rate Year 2, and $0.5 million in Rate Year 3 compared to the revenue requirements included in the Compliance Filing.

Line item comparisons for both the Narragansett Electric and Narragansett Gas revenue requirements have been provided in Supplemental Compliance Attachment 2 at Schedule Summary-ELEC and Schedule Summary-GAS, respectively.

The revised amortization of excess ADIT affects the following components of the Narragansett Electric and Narragansett Gas revenue requirements: (1) ADIT in rate base, (2) income tax expense, (3) Service Company rent expense, and (4) flow-through impacts to uncollectible expense, cash working capital in rate base, and return on rate base.

Q. Please explain the revisions made to Narragansett Electric and Narragansett Gas rate base for updated excess ADIT.

A. In its Compliance Filing, Narragansett Electric assumed amortization of excess ADIT of $5.1 million annually in its calculation of rate base per Compliance Attachment 2, Schedule 11-ELEC, Pages 11 and 12. The revised Narragansett Electric excess ADIT calculation results in amortization of $1.7 million annually through rate base, the derivation of which is shown in Supplemental Compliance Attachment 31 on Page 3, Line 27. Amortization of excess ADIT serves to reduce the amount of ADIT in rate base, and ADIT is a rate base deduction. Therefore, because revised excess ADIT amortization for Narragansett Electric is lower than the estimated excess ADIT amortization reflected in the Compliance Filing, the revised rate base is lower than the rate base included in the Compliance Filing for Narragansett Electric. The revised calculation of Narragansett

Electric's rate base is provided in Supplemental Compliance Attachment 2, Schedule 11-ELEC. Changes made to the ADIT component of rate base for excess ADIT are shown on Pages 11 and 12 of that schedule.

The Narragansett Gas revenue requirement assumed amortization of excess ADIT totaling $2.0 million annually in its calculation of rate base per Compliance Attachment 2, Schedule 11-GAS, Pages 11 and 12. The revised Narragansett Gas excess ADIT calculation results in amortization of $1.7 million annually through rate base, the calculation of which can be found in Supplemental Compliance Attachment 31 at Page 4, Line 27. Because revised excess ADIT amortization for Narragansett Gas is lower than the estimated excess ADIT amortization included in the Compliance Filing, the revised rate base is lower than the rate base included in the Compliance Filing for Narragansett Gas. The revised calculation of Narragansett Gas's rate base is provided in Supplemental Compliance Attachment 2, Schedule 11-GAS. Changes made to the ADIT component of gas rate base for excess ADIT are shown on Pages 11 and 12 of that schedule.

Q. Please explain the revisions made to Narragansett Electric and Narragansett Gas income tax expense for updated excess ADIT.

A. The offset to excess ADIT amortization in rate base is a reduction to income tax expense. The Narragansett Electric revenue requirement in the Compliance Filing assumed a reduction in income tax expense of $5.1 million in each Rate Year related to the amortization of excess ADIT. The revised annual amortization of Narragansett Electric excess ADIT is $1.7 million, which leads to an increase to income tax expense in each Rate Year of $3.4 million as compared to income tax expense in the Compliance Filing. The Narragansett Gas revenue requirement in the Compliance Filing assumed a reduction in income tax expense of $2.0 million in each Rate Year related to the amortization of excess ADIT. The revised annual amortization of Narragansett Gas excess ADIT is $1.7 million, therefore resulting in an $0.3 million increase to income tax expense in each Rate Year as compared to income tax expense included in the Compliance Filing.

Q. Please explain the revisions made to Service Company rent expense for updated excess ADIT.

A. The amortization of Service Company excess ADIT is a component of the asset recovery charge billed to Narragansett Electric and Narragansett Gas from the Service Company as rent expense. As discussed above, the Compliance Filing included an estimate of the tax rate change on Service Company ADIT, resulting in net unfunded excess ADIT, the annual amortization of which would drive an increase in Service Company rent expense of $2.3 million annually for Narragansett Electric and $0.8 million annually for Narragansett Gas. These amounts are shown in Compliance Attachment 2, Schedule 17, Pages 6 and 7. The revised calculation of Service Company excess ADIT is presented in Supplemental Compliance Attachment 31, at Page 6. For the reasons discussed in Section III of our testimony, the actual Service Company excess ADIT at March 31, 2018, totaled a net liability to customers of $4.9 million of which 7.93 percent is allocable to Narragansett Electric (net of expenses billed to New England Power Company through the Integrated Facilities Agreement) and 2.73 percent is allocable to Narragansett Gas, using the three-point general allocator. After applying the 3.38-year amortization period agreed upon in the Compliance Filing, the result is an annual reduction to Service Company rent expense of $0.1 million for Narragansett Electric and $40,000 for Narragansett Gas. The revised Service Company excess ADIT drives a $2.4 million decrease in Service Company rent expense in the Narragansett Electric revenue requirement as compared to the Compliance Filing and a $0.8 million reduction in Service Company rent expense in the Narragansett Gas revenue requirement as compared to the Compliance Filing. Revisions to Service Company rent expense can be found at Supplemental Compliance Attachment 2, Schedule 17.

V. <u>Rate Proposals on Updated Narragansett Electric Revenue Requirements</u>

Q. Please explain the Company's rate proposals regarding the updated Narragansett Electric revenue requirements for Rate Year 1, Rate Year 2, and Rate Year 3 and the change from the revenue requirements included in the Compliance Filing.

A. The Company is proposing to address the changes in Narragansett Electric's annual revenue requirements in two ways. First, for Rate Year 1, the Company is proposing to recover the increase in the Rate Year 1 revenue requirement through the operation of the Revenue Decoupling Mechanism (RDM) reconciliation filing in lieu of changing base distribution rates. This treatment is provided through the Company's currently effective Revenue Decoupling Mechanism Provision, RIPUC No. 2201.

Second, the increases associated with Rate Year 2 and Rate Year 3 are of an amount sufficient enough to warrant a redesign of the base distribution rates for Rate Year 2 and Rate Year 3.

Q. Did the Company revise its revenue allocation to reflect Narragansett Electric's updated revenue requirements for Rate Year 2 and Rate Year 3?

A. Yes, as shown in Supplemental Compliance Attachment 8, Schedule 3, Page 3, the Company recalculated the Rate Year 2 and Rate Year 3 revenue allocation using the same methodology in the Compliance Filing.

Q. How did the Company allocate the Rate Year 1 increase to the rate classes to determine the updated distribution revenue allocation for Rate Year 2 and Rate Year 3?

A. The Company allocated the increase in Narragansett Electric's Rate Year 1 revenue requirement using the final Rate Year 1 distribution revenue allocation approved in the Compliance Filing. The Company believes that this is a reasonable approach to reflect the updated revenue requirement across the rate classes and preserves the final revenue allocation agreed to by the Parties in the Amended Settlement Agreement. The

Company does not believe that the Amended Settlement Agreement intended to reopen the Parties' agreements pertaining to the allocation of base distribution revenue resulting from the update to excess ADIT.

Q. How did the Company design Narragansett Electric's revised base distribution rates for Rate Year 2 and Rate Year 3?

A. The Company preserved the provisions of the Amended Settlement Agreement with respect to rate design, meaning that it maintained the stated customer charges from the Amended Settlement Agreement in the updated rate design included in Supplemental Compliance Attachment 9. Consequently, for the non-streetlighting rate classes, the Company is proposing that each rate class's share of the increase in the Rate Year 2 and Rate Year 3 revenue requirements is recovered through the per-kWh rates. Regarding the streetlighting rate classes, the Company first determined the proposed Rate S-05 base distribution rate to determine Rate S-05's distribution revenue that is removed from the total streetlighting revenue requirement so that the proposed luminaire and pole charges for the remaining streetlighting rate classes can be designed. This approach is consistent with the approach used in the Compliance Filing.

Q. Is the Company proposing to implement the revised base distribution rates for Narragansett Electric shown in Supplemental Compliance Attachment 9, Schedule 4-I, Page 1, for Rate Year 2 and Rate Year 3?

A. Yes, absent any other change to Narragansett Electric's revenue requirement for Rate Year 2 and Rate Year 3, the Company is proposing that the revised base distribution rates for Rate Year 2 and Rate Year 3 become effective September 1, 2019, and September 1, 2020, respectively. Pursuant to Article II, Section C.3, Narragansett Electric will submit a filing by June 1, 2019, and June 1, 2020, in which it will request approval of its Summary of Retail Delivery Rates tariff. If there are no other changes to Narragansett Electric's revenue requirements for Rate Year 2 and Rate Year 3 beyond what is presented in this filing, Narragansett Electric will reflect the base distribution rates contained in Supplemental Compliance Attachment 9, Schedule 4-I, Page 1, in its Summary of Retail Delivery Service Rates tariff, effective September 1, 2019, and September 1, 2020, respectively.

Q. Please present the impact of the updated excess ADIT and the proposal above on the bills of Narragansett Electric customers.

A. In Supplemental Compliance Attachment 10, the Company has revised the bill impacts to reflect the proposed base distribution rates for Rate Year 2 and Rate Year 3. All other rates and factors, such as the Renewable Energy Growth Program factors, the Low Income Home Energy Assistance Plan (LIHEAP) Enhancement Charge, Transmission Energy Charges, Other Distribution Energy Charges, Transition Energy Charges, the Energy Efficiency Program Charge, and the Renewable Energy Distribution Charge remained unchanged from those included in the Compliance Filing in Compliance

Attachment 10. Because the Company is not proposing to change Narragansett Electric's Rate Year 1 base distribution rates, the bill impacts associated with Rate Year 1 have not changed and are the same as those contained in the Compliance Filing.

Q. What is the overall bill impact on Narragansett Electric customers?

A. As shown in Supplemental Compliance Attachment 10, the monthly bill increase for a residential customer on Standard Offer Service and using 500 kWh per month is $1.17, or 1.1 percent, in Rate Year 2 and $0.41, or 0.4 percent in Rate Year 3. This compares to the increase presented in the Compliance Filing for Rate Year 2 of $1.03, or 0.9 percent, and for Rate Year 3 of $0.44, or 0.4 percent.

Q. Does Narragansett Electric's proposal impact any of its currently-effective tariffs?

A. Yes, it does. Narragansett Electric is proposing revisions to its RDM Provision to state the amount that it will reflect in its RDM reconciliation for the Rate Year 1 increase, in the next scheduled RDM reconciliation filing after the PUC issues a ruling on the proposal presented above.

In addition, Narragansett Electric is proposing revisions to its RDM Provision in Supplemental Compliance Attachment 13 associated with the Settlement Agreement filed with the PUC for approval in Docket No. 4808 (the Docket No. 4808 Settlement).

VI. Rate Proposals on Updated Narragansett Gas Revenue Requirements

Q. Please explain the Company's rate proposals regarding the updated Narragansett Gas revenue requirements for Rate Year 1, Rate Year 2, and Rate Year 3 and the change from the revenue requirements included in the Compliance Filing.

A. The Company is proposing to address the changes in Narragansett Gas's annual revenue requirements in two ways. First, for Rate Year 1, the Company is proposing to credit the decrease in the Rate Year 1 revenue requirement through a new component to the Distribution Adjustment Clause (DAC) provision of its gas tariff in lieu of changing base distribution rates. This treatment is provided through Article II, Section C.22. of the Amended Settlement Agreement for Narragansett Gas.

Second, the Company is proposing new base distribution rates for Rate Year 2 and Rate Year 3 that would reflect the decreased revenue requirements for these years.

Q. Please explain how the Company revised Narragansett Gas's Rate Year 1 revenue targets for each rate class to reflect the reduction in base distribution revenue resulting from the true-up of excess ADIT.

A. The Company allocated the decrease in Narragansett Gas's Rate Year 1 revenue requirement presented earlier in this testimony to each rate class using the approved final Rate Year 1 allocated distribution revenue from the Compliance Filing. The allocation of Rate Year 1's decrease is shown in Supplemental Compliance Attachment 16, Page 3, Column (j). The Company then added this reduction to the approved allocated distribution revenue to determine the revised Rate Year 1 distribution revenue allocation for each rate classification.

Q. Why did the Company use the final distribution revenue allocation for Rate Year 1 from the Compliance Filing to allocate the decrease in the Rate Year 1 revenue requirement?

A. Similar to Narragansett Electric, Narragansett Gas allocated the change in the Rate Year 1 revenue requirement using the final distribution revenue allocation for Rate Year 1, as this is a reasonable approach that preserves the final revenue allocation agreed to by the Parties in the Amended Settlement Agreement. The Company does not believe that the Amended Settlement Agreement intended to reopen the Parties' agreements pertaining to the allocation of base distribution revenue resulting from the update to excess ADIT. The terms of the Amended Settlement Agreement were intended to afford the Company latitude to reconcile the excess ADIT true up in an administratively efficient manner.

Q. Did the Company revise the Narragansett Gas Rate Year 1 base distribution rates to reflect the updated revenue requirement?

A. Yes, it did, as explained below. As shown in the rate design contained in Supplemental Compliance Attachment 16, Pages 4 and 5, the Company maintained the approved customer charges and demand charges included in the Compliance Filing and, similar to

Narragansett Electric, adjusted the volumetric rates to recover the revised distribution revenue allocation identified in Supplemental Compliance Attachment 16, Page 3. In addition, for those rate classifications with seasonal rates (i.e., Residential Heating, Residential Low-Income Heating, and Small Commercial), the Company applied the same seasonal adjustment percentage (Page 5, Column (g)) as was applied in the Compliance Filing.

Q. Does the Company intend to bill customers the revised Rate Year 1 base distribution rates shown in Supplemental Compliance Attachment 16?

A. No, the Company is not proposing to change Narragansett Gas's base distribution rates for Rate Year 1. Narragansett Gas will continue to bill customers the currently-approved base distribution rates through Rate Year 1, which ends August 31, 2019. The Company is proposing to credit the difference between actual distribution revenue billed to customers from September 1, 2018, through August 31, 2019, and the amount Narragansett Gas would have billed customers if the lower Rate Year 1 revenue requirement been reflected in base distribution rates since September 1, 2018. Consequently, it is necessary for the Company to design base distribution rates for Rate Year 1 to estimate what Narragansett Gas would have billed customers. Because not all of Narragansett Gas's customers are included in its RDM and Narragansett Gas's RDM operates differently than Narragansett Electric's RDM, the Company will need to determine this amount differently for Narragansett Gas than it did for Narragansett

Electric. The Company is proposing to credit the amount it calculates in its 2019-2020 Distribution Adjustment Charge (DAC) that will be filed on August 1, 2019, for effect November 1, 2019. The Company anticipates that this credit will approximate the impact on the Rate Year 1 revenue requirement from the true-up of excess ADIT.

Q. How will the reduction to the revenue requirement impact Narragansett Gas's Revenue Decoupling Adjustment?

A. Narragansett Gas will reduce its Revenue Per Customer (RPC) benchmarks to reflect the updated Rate Year 1 revenue requirement and will reduce the actual billed revenue reflected in the RDM to reflect the revenue that would have billed to customers assuming the revised Rate Year 1 base distribution rates including the Excess ADIT true-up shown in Supplement Compliance Attachment 16, Page 11 were in effect. These adjustments, which will be discussed in further detail in Narragansett Gas's RDM filings, will ensure that customers receive the full benefit of the reduced revenue requirement resulting from the excess ADIT true-up, as the amount will be credited through the DAC and reconciled to the amount reflected in the RDM filing.

Q. Did the Company determine Narragansett Gas's revenue allocations for Rate Year 2 and Rate Year 3?

A. Yes, as shown in Supplemental Compliance Attachment 16, Pages 7 through 9, the Company recalculated Narragansett Gas's revenue allocations for Rate Year 2 and Rate Year 3 using the same methodology used in the Compliance Filing.

Q. Is the Company proposing to implement Narragansett Gas's revised distribution rates shown in Supplemental Compliance Attachment 16, Page 1, for Rate Year 2 and Rate Year 3?

A. Yes, the Company is proposing to implement the revised base distribution rates for Narragansett Gas for Rate Year 2 and Rate Year 3 effective September 1, 2019, and September 1, 2020, respectively.

Q. Has the Company updated Narragansett Gas's bill impact?

A. Yes, in Supplemental Compliance Attachment 17, the Company revised Narragansett Gas's bill impacts to reflect the proposed base distribution rates for Rate Year 2 and Rate Year 3 as shown in Supplemental Compliance Attachment 16, Page 1. All other rate components, such as Gas Cost Recovery factors, DAC factors, Energy Efficiency factors, and the LIHEAP Enhancement Charge, remain unchanged from those factors included in Compliance Attachment 17 and Compliance Attachment 18. Since the Company is not proposing to change Narragansett Gas's Rate Year 1 base distribution rates, the bill impacts associated with Rate Year 1 have not changed and are the same as those contained in the Compliance Filing.

Q. What is the overall bill impact on Narragansett Gas customers?

A. As shown in Supplemental Compliance Attachment 17, the annual bill increase for a residential heating customer using 845 therms per year is $21.73, or 1.8 percent, in Rate

Year 2 and $11.77, or 1.0 percent, in Rate Year 3. This compares to the increase presented in the Compliance Filing for Rate Year 2 of $23.01, or 1.9 percent, and for Rate Year 3 of $11.94, or 1.0 percent.

Q. Has Narragansett Gas updated it tariff to reflect the proposed base distribution rates for Rate Year 2 and Rate Year 3?

A. Yes, the Company is providing its currently-effective tariff marked to show changes for the proposed base distribution rates for Rate Year 2 and Rate Year 3 in Supplemental Compliance Attachment 19.

Q. Has Narragansett Gas made any other changes to its tariff?

A. Yes, the Company has also updated Narragansett Gas's DAC provision, Section 3, Schedule A, to include a proposed new DAC component that would credit to customers (1) the credit for the impact from the reduction in the Rate Year 1 revenue requirement, as described above, and (2) the credit associated with the Docket No. 4808 Settlement.

VII. Conclusion

Q. Does this conclude your testimony?

A. Yes.

PUC 4-1 SUPPLEMENTAL

Request:

Please recalculate the revenue requirement for each Narragansett Electric and Narragansett Gas that results from the changes to the tax code made in H.R.-1 The Tax Cuts & Jobs Act. If the companies are still working through all of the Act to determine all of the impacts, at a minimum, please recalculate the revenue requirement to reflect the change in the corporate tax rate from 35% to 21% and supplement the response after full analysis has been completed.

Response:

As suggested by the question, adjustments to the Company's proposed revenue requirements for Narragansett Electric and Narragansett Gas are appropriate to account for revisions to the corporate tax rate modified by the federal Tax Cuts and Jobs Act (Tax Act). There are several ramifications that flow from the change in the corporate tax rate and some of these ramifications will take time to evaluate and quantify. National Grid is fully engaged in the process of identifying the cost reductions that will flow to customers of all of its regulated utility operations. It is clear that the change in tax rate will have an impact on both annual income-tax expense and balances of Accumulated Deferred Income Tax and Excess Deferred Federal Income Tax. Also, it is clear that it will be necessary to align the Company's proposed revenue requirements with the specifications of the Tax Act by the time that rates go into effect for this proceeding.

The Company has not yet had sufficient time to rerun all of the revenue requirement models to determine the precise reduction that would flow through the Company's entire revenue requirement proposals for this proceeding as a result of the change in corporate tax rate. Although it is a relatively straightforward calculation for the first year revenue requirement, flowing the change through the future years is a more involved exercise. For the first year impact, the Company estimates a reduction to the revenue requirements of approximately $19.3 million in total for Rhode Island customers, which is a $9.7 million reduction for Narragansett Electric and a $9.6 million reduction for Narragansett Gas. Please refer to Attachment PUC 4-1 for summary revenue requirement schedules reflecting this reduction.

The Company will supplement this response as soon as reasonably possible to provide a more detailed analysis.

Supplemental Response:

On March 2, 2018, the Company submitted revised revenue requirements for Narragansett Electric and Narragansett Gas with the Public Utilities Commission (PUC) reflecting the reduction in the federal income tax rate from 35 percent to 21 percent, and also recalculated the projected deferred income tax components of rate base to reflect a provision of the Tax Act that

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ceases bonus depreciation on capital investment after September 27, 2017. As a consequence of the reduction in the federal income tax rate, the Company restated all of its net deferred tax liability balances based on the new 21 percent federal income tax rate because the Company will be paying income taxes as the book/tax timing differences reverse at that 21 percent federal income tax rate. The Company's net deferred tax liability is a liability for income taxes to be paid in the future to the federal government. The 14 percent decrease to the federal income tax rate and aforementioned restatement of the Company's net deferred tax liability balances reflects the fact that the Company's liability to the federal government has been reduced. Deferred taxes for the Company are primarily the result of differences in the timing of when a cost is expensed (*i.e.*, deducted) on its federal income tax return, and when it is expensed on the Company's books. These are referred to as "book-to-tax return differences" or "book/tax timing differences". In general, costs are expensed on an accelerated basis for tax return purposes than they are on the Company's books. The most prevalent book/tax timing difference relates to plant which is expensed for tax purposes faster than it is depreciated on the Company's books.

With the limited exception of the change in deferred income taxes associated with non-recoverable expenses, the Company has recorded an excess deferred tax liability to offset the net reduction to its net deferred tax liability balances. This excess deferred tax liability is a regulatory liability account representing an amount ultimately owed entirely to customers. Certain property related excess deferred taxes are referred to as "protected" excess deferred taxes. Pursuant to the Tax Act, the timing of the pass back of protected excess deferred taxes must align with the timing of when the Company will receive the benefit from the federal government of the reduction in the tax rate. This will occur when the underlying book/tax timing differences reverse and the Company ultimately pays income tax at a 21 percent tax rate for a cost that it deducted prior to the Tax Act at the 35 percent tax rate then in effect. Until that time, the Company has no benefit to return to customers. The Company would violate the normalization rules under the Tax Act if it were to provide customers with the benefit of protected excess deferred taxes prior to the time that it earned that benefit. Protected excess deferred income taxes will be passed back to customers beginning September 1, 2018 when new base distribution rates go into effect, through the end of the depreciable book life of the last fully depreciated asset that was placed into service prior to January 1, 2018.

Certain plant-related excess deferred taxes and all non-plant related excess deferred taxes are considered to be "non-protected". The plant-related non-protected excess deferred taxes include those associated with deferred income taxes generated by the "capital repairs" tax deduction for certain plant assets recorded on the Company's books that were eligible for immediate deduction as an expense on the Company's federal income tax return. There are no restrictions on the timing in which non-protected excess deferred income taxes are returned to customers; however, it would be prudent to align the timing of non-protected amounts within a reasonable period of time in which the Company will earn the benefit. Should federal income tax rates increase in the future, in addition to increased customers' bills attributable to the increase in the income tax rates, customers would also be required to return any non-protected excess deferred taxes that were prematurely provided to them.

At this time, the Company estimates that total protected and non-protected excess deferred taxes to be approximately $116 million and $51 million for Narragansett Electric distribution and Narragansett Gas, respectively. Please see the components of the Company's estimated excess deferred income taxes in the Company's responses to Division 31-1 and Division 31-2, Attachment DIV 31-1, and Attachment DIV 31-2. These estimates are based on the temporary differences in effect on December 31, 2017 adjusted by an estimate of the temporary difference movement between December and March 31, 2018.

Attachment DIV 31-1 and Attachment DIV 31-2 present the data categorized by property related and non-property related amounts. The Net Operating Loss (NOL) deferred taxes are included with the property related deferred taxes as the NOL is caused by the plant deductions for repairs and bonus depreciation and is currently included in rate base calculations. The Company has also estimated the split of deferred taxes between the transmission and distribution operations. Approximately $98 million of the Narragansett Electric distribution excess deferred taxes of $116 million is property-related and the remaining $18 million is non-property related. Approximately $47 million of the Narragansett Gas excess deferred taxes of $51 million is property-related and the remaining $4 million is non-property related. The Company is unable to provide the amounts for protected and unprotected property related deferred taxes at this time. The Company currently keeps all tax related depreciation and the tax basis of its plant assets in its PowerTax system. At present, the PowerTax system calculates book-to-tax depreciation timing differences for the current fiscal year only. To identify and to calculate protected and unprotected property balances, the Company needs to implement a deferred tax module in PowerTax to match up the historic book depreciation amounts, by vintage year of investment and by asset type. The new deferred tax model is also needed to accurately determine the timing of the reversal of the underlying plant related book/tax timing differences, which will establish the timing for the pass back to customers of the protected excess deferred federal income taxes. The project is currently under bid and is expected to commence in May 2018.

The Company has recorded the $116 million and $51 million estimates of customer related excess deferred federal income tax to a tax regulatory liability account as described above in recognition that customers will be refunded those excess deferred taxes. The Company will be able to calculate more accurately excess deferred taxes when its fiscal year ended March 31, 2018 audited financial statements are completed during the late summer. These estimates will become final with the filing of the fiscal year ended March 31, 2018 federal income tax return in December 2018, and the excess deferred tax regulatory liability will be adjusted to reflect that final balance.

At this time, the Company is proposing to reduce its Narragansett Electric and Narragansett Gas revenue requirements by a high level estimate of excess deferred income tax amortization of $4.1

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million and $1.8 million, respectively. The Company would propose to true up these estimates in a supplemental compliance filing to be filed with the PUC in Docket No. 4770 after the Company files its Fiscal Year 2018 federal income tax return in December 2018. The true-up would reconcile the impact of the actual excess deferred tax amortization with the estimated amounts identified above, and would determine the final revenue requirements for Narragansett Electric and Narragansett Gas effective September 1, 2018. From these supplemental revenue requirements, the Company will calculate the difference between the revenue requirements it began recovering September 1, 2018 and the revenue requirements in the supplemental compliance filing in Docket No. 4770, and proposes to reflect the supplemental compliance revenue requirements, annual target revenue (for Narragansett Electric) and target revenue per customer (for Narragansett Gas) in the next electric and gas Revenue Decoupling Mechanism (RDM) reconciliation filings. In addition, the Company will also evaluate the appropriateness of proposing supplemental compliance rate design schedules based upon the amount of the true-up to the revenue requirements or whether to provide annual adjustments in the Narragansett Electric and Narragansett Gas RDM reconciliation filings if the differences are determined to be relatively small such that adjusting base distribution rates would not be needed.

In developing the high level estimate of excess deferred income tax amortization, the Company must be careful not to violate the normalization rules of the Tax Act and amortize more protected excess deferred taxes than allowed. Also, as described above, the Company needs to implement a deferred tax module in PowerTax before it can determine the protected and non-protected portions of its property related excess deferred taxes. For this high level estimate, the Company proposes to amortize all property related excess deferred taxes over an approximate 30 year average service life of its assets. The composite depreciation rate currently in effect is 3.40 percent and 3.38 percent for Narragansett Electric distribution plant and Narragansett Gas plant, respectively, both of which equate to average service lives of just under 30 years. The Company expects that the majority of its non-protected excess deferred taxes will be property related; consequently, the Company proposes to amortize all non-protected excess deferred taxes over the average remaining service lives of 22 years and 25 years for Narragansett Electric distribution and Narragansett Gas property, respectively. The calculation of these lives was provided in the Company's response to Division 31-4, Attachment DIV 31-4. The high level estimate of excess deferred tax amortization is calculated as follows:

<u>Narragansett Electric</u>:	
Property related excess deferred taxes	$98 million/30 years=$3.3 million
Non-property excess deferred taxes	$18 million/22 years=$0.8 million
<u>Narragansett Gas</u>:	
Property related excess deferred taxes	$47 million/30 years=$1.6 million
Non-property excess deferred taxes	$ 4 million/25 years=$0.2 million

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Prior to the commencement of hearings in this docket, the Company will update its Narragansett Electric and Narragansett Gas revenue requirements reflecting the excess deferred tax amortization of $4.1 million and $1.8 million for Narragansett Electric distribution and Narragansett Gas, respectively. The overall combined benefits of the Tax Act reflecting the change in the federal income tax rates from 35 percent to 21 percent, the changes to the bonus depreciation rules, and the proposed return of excess deferred income taxes total $13.8 million for Narragansett Electric and $11.4 million for Narragansett Gas.

It is important to note that this does not reflect an allocation of net excess deferred taxes of National Grid USA Service Company, Inc. (Service Company). All Service Company net excess deferred tax amounts are unprotected. The Company is still determining the timing of the reversal of the underlying deferred taxes as well as the Company's allocated share. Certain excess deferred tax amounts are in an asset position and could result in an increase in amortization expense. The Company will supplement this response as soon as reasonably possible once an estimate of Service Company amortization can be determined.

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Department of the Treasury
Internal Revenue Service
Private Letter Ruling

PLR 201534001 - Section 167 - Depreciation

Internal Revenue Service
Department of the Treasury
Washington, DC 20224

Number: 201534001
Release Date: 8/21/2015
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Third Party Communication: None
Date of Communication: Not Applicable

Person To Contact:
Telephone Number:

Refer Reply To:
CC:PSI:B06 PLR-103300-15
Date:
May 13, 2015

LEGEND:

Taxpayer =
State A =
State B =
State C =
Commission =
Year A =
Year B =
Date A =
Date B =
Date C =
Date D =
Case =
Director =

Dear [redacted data]:

This letter responds to the request, dated January 9, 2015, submitted on behalf of Taxpayer for a ruling on the application of the normalization rules of the Internal Revenue Code to certain accounting and regulatory procedures, described below.

The representations set out in your letter follow.

Taxpayer is the common parent of an affiliated group of corporations and is incorporated under the laws of State A and State B. Taxpayer is engaged primarily in the businesses of regulated natural gas distribution, regulated natural gas transmission, and regulated natural gas storage. Taxpayer's regulated natural gas distribution business delivers gas to customers in several states, including State A. Taxpayer is subject to, as relevant for this ruling, the regulatory jurisdiction of Commission with respect to terms and conditions of service and as to the rates it may charge for the provision of its gas distribution service in State A. Taxpayer's rates are established on a “rate of return” basis.

Taxpayer filed a rate case application on Date A (Case). In its filing, Taxpayer's application was based on a fully forecasted test period consisting of the twelve months ending on Date B. Taxpayer updated, amended, and supplemented its data several times during the course of the proceedings. In a final order dated Date C, rates were approved by Commission for service rendered on or after Date D.

In each year from Year A to Year B, Taxpayer incurred a net operating loss carryforward (NOLC). In each of these years, Taxpayer claimed accelerated depreciation, including “bonus depreciation” on its tax returns to the extent that such depreciation was available. On its regulatory books of account, Taxpayer “normalizes” the differences between regulatory depreciation and tax depreciation. This means that, where accelerated depreciation reduces taxable income, the taxes that a taxpayer would have paid if regulatory depreciation (instead of accelerated tax depreciation) were claimed constitute “cost-free capital” to the taxpayer. A taxpayer that normalizes these differences, like Taxpayer, maintains a reserve account showing the amount of tax liability that is deferred as a result of the accelerated depreciation. This reserve is the accumulated deferred income tax (ADIT) account. Taxpayer maintains an ADIT account. In addition, Taxpayer maintains an offsetting series of entries - a “deferred tax asset” and a “deferred tax expense” - that reflect that portion of those ‘tax losses' which, while due to accelerated depreciation, did not actually defer tax because of the existence of an NOLC.

In the setting of utility rates in State C, a utility's rate base is offset by its ADIT balance. In its rate case filing and throughout the proceeding, Taxpayer maintained that the ADIT balance should be reduced by the amounts that Taxpayer calculates did not actually defer tax due to the presence of the NOLC, as represented in the deferred tax asset account. Thus, Taxpayer argued that the rate base should be reduced by its federal ADIT balance net of the deferred tax asset account attributable to the federal NOLC. It also asserted that the failure to reduce its rate base offset by the deferred tax asset attributable to the federal NOLC would be inconsistent with the normalization rules. The attorney general for State C argued against Taxpayer's proposed calculation of ADIT.

Commission, in its final order, agreed with Taxpayer but concluded that the ambiguity in the relevant normalization regulations warranted an assessment of the issue by the IRS and this ruling request followed.

Taxpayer requests that we rule as follows:

1. Under the circumstances described above, the reduction of Taxpayer's rate base by the full amount of its ADIT account balance unreduced by the balance of its NOLC-related account balance would be inconsistent with (and, hence, violative of) the requirements of § 168(i)(9) and § 1.167(l)-1 of the Income Tax regulations.

2. For purposes of Ruling 1 above, the use of a balance of Taxpayer's NOLC-related account that is less than the amount attributable to accelerated depreciation computed on a “last dollars deducted” basis would be inconsistent with (and, hence, violative of) the requirements of § 168(i)(9) and § 1.167(l)-1 of the Income Tax regulations.

Law and Analysis

Section 168(f)(2) of the Code provides that the depreciation deduction determined under section 168 shall not apply to any public utility property (within the meaning of section 168(i)(10)) if the taxpayer does not use a normalization method of accounting.

In order to use a normalization method of accounting, section 168(i)(9)(A)(i) of the Code requires the taxpayer, in computing its tax expense for establishing its cost of service for ratemaking purposes and reflecting operating results in its regulated books of account, to use a method of depreciation with respect to public utility property that is the same as, and a depreciation period for such property that is not shorter than, the method and period used to compute its depreciation expense for such purposes. Under section 168(i)(9)(A)(ii) , if the amount allowable as a deduction under s ection 168 differs from the amount that- would be allowable as a deduction under section 167 using the method, period, first and last year convention, and salvage value used to compute regulated tax expense under section 168(i)(9)(A)(i) , the taxpayer must make adjustments to a reserve to reflect the deferral of taxes resulting from such difference.

Section 168(i)(9)(B)(i) of the Code provides that one way the requirements of section 168(i)(9)(A) will not be satisfied is if the taxpayer, for ratemaking purposes, uses a procedure or adjustment which is inconsistent with such requirements. Under section 168(i)(9)(B)(ii) , such inconsistent procedures and adjustments include the use of an estimate or projection of the taxpayer's tax expense, depreciation expense, or reserve for deferred taxes under section 168(i)(9)(A)(ii) , unless such estimate or projection is also used, for ratemaking purposes, with respect to all three of these items and with respect to the rate base.

Former section 167(l) of the Code generally provided that public utilities were entitled to use accelerated methods for depreciation if they used a "normalization method of accounting." A normalization method of accounting was defined in former section 167(l)(3)(G) in a manner consistent with that found in section 168(i)(9)(A) . Section 1.167(l)-1(a)(1) of the Income Tax Regulations provides that the normalization requirements for public utility property pertain only to the deferral of federal income tax liability resulting from the use of an accelerated method of depreciation for computing the allowance for depreciation under section 167 and the use of straight-line depreciation for computing tax expense and depreciation expense for purposes of establishing cost of services and for reflecting operating results in regulated books of account. These regulations do not pertain to other book-tax timing differences with respect to state income taxes, F.I.C.A. taxes, construction costs, or any other taxes and items.

Section 1.167(l)-1(h)(1)(i) provides that the reserve established for public utility property should reflect the total amount of the deferral of federal income tax liability resulting from the taxpayer's use of different depreciation methods for tax and ratemaking purposes.

Section 1.167(l)-1(h)(1)(iii) provides that the amount of federal income tax liability deferred as a result of the use of different depreciation methods for tax and ratemaking purposes is the excess (computed without regard to credits) of the amount the tax liability would have been had the depreciation method for ratemaking purposes been used over the amount of the actual tax liability. This amount shall be taken into account for the taxable year in which the different methods of depreciation are used. If, however, in respect of any taxable year the use of a method of depreciation other than a subsection (1) method for purposes of determining the taxpayer's reasonable allowance under section 167(a) re sults in a net operating loss carryover to a year succeeding such taxable year which would not have arisen (or an increase in such carryover which would not have arisen) had the taxpayer determined his reasonable allowance under section 167(a) using a subsection (1) method, then the amount and time of the deferral of tax liability shall be taken into account in such appropriate time and manner as is satisfactory to the district director.

Section 1.167(l)-1(h)(2)(i) provides that the taxpayer must credit this amount of deferred taxes to a reserve for deferred taxes, a depreciation reserve, or other reserve account. This regulation further provides that, with respect to any account, the aggregate amount allocable to deferred tax under section 167(1) shall not be reduced except to reflect the amount for any taxable year by which Federal income taxes are greater by reason of the prior use of different methods of depreciation. That section also notes that the aggregate amount allocable to deferred taxes may be reduced to reflect the amount for any taxable year by which federal income taxes are greater by reason of the prior use of different methods of depreciation under section 1.167(l)-1(h)(1)(i) or to reflect asset retirements or the expiration of the period for depreciation used for determining the allowance for depreciation under section 167(a) .

Section 1.167(l)-1(h)(6)(i) provides that, notwithstanding the provisions of subparagraph (1) of that paragraph, a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes under section 167(l) which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking.

Section 1.167(l)-1(h)(6)(ii) provides that, for the purpose of determining the maximum amount of the reserve to be excluded from the rate base (or to be included as no-cost capital) under subdivision (i), above, if solely an historical period is used to determine depreciation for Federal income tax expense for ratemaking purposes, then the amount of the reserve account for that period is the amount of the reserve (determined under section 1.167(l)-1(h)(2)(i)) at the end of the historical period. If such determination is made by reference both to an historical portion and to a future portion of a period, the amount of the reserve account for the period is the amount of the reserve at the end of the historical portion of the period and a pro rata portion of the amount of any projected increase to be credited or decrease to be charged to the account during the future portion of the period.

Section 1.167(l)-1(h) requires that a utility must maintain a reserve reflecting the total amount of the deferral of federal income tax liability resulting from the taxpayer's use of different depreciation methods for tax and ratemaking purposes. Taxpayer has done so. Section 1.167(l)-1(h)(6)(i) provides that a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking. Section 56(a)(1)(D) provides that, with respect to public utility property the Secretary shall prescribe the requirements of a normalization method of accounting for that section.

Regarding the first issue, § 1.167(l)-1(h)(6)(i) provides that a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking. Because the ADIT account, the reserve account for deferred taxes, reduces rate base, it is clear that the portion of an NOLC that is attributable to accelerated depreciation must be taken into account in calculating the amount of the reserve for deferred taxes (ADIT). Thus, to reduce Taxpayer's rate base by the full amount of its ADIT account balance unreduced by the balance of its NOLC-related account balance would be inconsistent with the requirements of § 168(i)(9) and § 1.167(l)-1.

Regarding the second issue, § 1.167(l)-1(h)(1)(iii) makes clear that the effects of an NOLC must be taken into account for normalization purposes. Section 1.167(l)-1(h)(1)(iii) provides generally that, if, in respect of any year, the use of other than regulatory depreciation for tax purposes results in an NOLC carryover (or an increase in an NOLC which would not have arisen had the taxpayer claimed only regulatory depreciation for tax purposes), then the amount and time of the deferral of tax liability shall be taken into account in such appropriate time and manner as is satisfactory to the district director. While that section provides no specific mandate on methods, it does provide that the Service has discretion to determine whether a particular method satisfies the normalization requirements. The “last dollars deducted” methodology employed by Taxpayer ensures that the portion of the NOLC attributable to accelerated depreciation is correctly taken into account by maximizing the amount of the NOLC attributable to accelerated depreciation. This methodology provides certainty and prevents the possibility of “flow through” of the benefits of accelerated depreciation to ratepayers. Under these specific facts, any method other than the “last dollars deducted” method would not provide the same level of certainty and therefore the use of any other methodology is inconsistent with the normalization rules.

This ruling is based on the representations submitted by Taxpayer and is only valid if those representations are accurate. The accuracy of these representations is subject to verification on audit.

Except as specifically determined above, no opinion is expressed or implied concerning the Federal income tax consequences of the matters described above.

This ruling is directed only to the taxpayer who requested it. Section 6110(k)(3) of the Code provides it may not be used or cited as precedent. In accordance with the power of attorney on file with this office, a copy of this letter is being sent to your authorized representative. We are also sending a copy of this letter ruling to the Director.

Sincerely,

Peter C. Friedman
Senior Technician Reviewer, Branch 6
Office of the Associate Chief Counsel
(Passthroughs & Special Industries)

The Narragansett Electric Company
d/b/a National Grid
Summary of Revenue Requirement Settlement Terms
Revenue Increases
($ million)

Incremental Revenue	Supplemental Compliance		
	Narragansett	Narragansett	
Base case	Electric	Gas	Total
Rate Year 1	$13.8	$5.4	$19.2
Rate Year 2	$3.6	$5.7	$9.3
Rate Year 3	$2.3	$3.3	$5.6
Subtotal	$19.6	$14.5	$34.1
Power Sector Transformation (PST)			
Rate Year 1	$2.1	$0.0	$2.1
Rate Year 2	$6.6	$1.9	$8.5
Rate Year 3	$1.9	$0.6	$2.5
Subtotal - PST	$10.6	$2.5	$13.1
Base Case plus PST			
Rate Year 1	$15.9	$5.4	$21.3
Rate Year 2	$10.2	$7.5	$17.7
Rate Year 3	$4.1	$3.9	$8.1
TOTAL	$30.1	$17.0	$47.1

Revenue Requirement			
	Narragansett	Narragansett	
Base case	Electric	Gas	Total
Rate Year 1	$292.9	$218.2	$511.1
Rate Year 2	$296.5	$223.9	$520.4
Rate Year 3	$298.8	$227.2	$526.0
Subtotal	$888.2	$669.4	$1,557.6
Power Sector Transformation (PST)			
Rate Year 1	$2.1	$0.0	$2.1
Rate Year 2	$8.7	$1.9	$10.6
Rate Year 3	$10.6	$2.5	$13.1
Subtotal - PST	$21.4	$4.4	$25.8
Base Case plus PST			
Rate Year 1	$295.0	$218.2	$513.2
Rate Year 2	$305.2	$225.8	$531.0
Rate Year 3	$309.2	$229.8	$539.0
TOTAL	$909.4	$673.8	$1,583.2

The Narragansett Electric Company
d/b/a National Grid
Summary of Revenue Requirement Settlement Terms
Revenue Increases
($ million)

Incremental Revenue

	Compliance		
	Narragansett Electric	Narragansett Gas	Total
Base case			
Rate Year 1	$12.0	$5.8	$17.8
Rate Year 2	$3.9	$5.7	$9.6
Rate Year 3	$2.5	$3.4	$5.9
Subtotal	$18.4	$14.9	$33.3
Power Sector Transformation (PST)			
Rate Year 1	$2.1	$0.0	$2.1
Rate Year 2	$6.6	$1.9	$8.5
Rate Year 3	$1.9	$0.6	$2.5
Subtotal - PST	$10.6	$2.5	$13.1
Base Case plus PST			
Rate Year 1	$14.1	$5.8	$19.9
Rate Year 2	$10.5	$7.6	$18.1
Rate Year 3	$4.4	$4.0	$8.4
TOTAL	$29.0	$17.4	$46.4

Revenue Requirement

	Narragansett Electric	Narragansett Gas	Total
Base case			
Rate Year 1	$291.1	$218.6	$509.7
Rate Year 2	$295.0	$224.3	$519.3
Rate Year 3	$297.5	$227.7	$525.2
Subtotal	$883.6	$670.6	$1,554.2
Power Sector Transformation (PST)			
Rate Year 1	$2.1	$0.0	$2.1
Rate Year 2	$8.7	$1.9	$10.6
Rate Year 3	$10.6	$2.5	$13.1
Subtotal - PST	$21.4	$4.4	$25.8
Base Case plus PST			
Rate Year 1	$293.2	$218.6	$511.8
Rate Year 2	$303.7	$226.2	$529.9
Rate Year 3	$308.1	$230.2	$538.3
TOTAL	$905.0	$675.0	$1,580.0

The Narragansett Electric Company
d/b/a National Grid
Summary of Revenue Requirement Settlement Terms
Revenue Increases
($ million)

Incremental Revenue

	Increase (Decrease)		
	Narragansett Electric	Narragansett Gas	Total
Base case			
Rate Year 1	$1.8	($0.4)	$1.4
Rate Year 2	($0.3)	($0.0)	($0.3)
Rate Year 3	($0.3)	($0.1)	($0.4)
Subtotal	$1.2	($0.5)	$0.7
Power Sector Transformation (PST)			
Rate Year 1	$0.0	$0.0	$0.0
Rate Year 2	$0.0	$0.0	$0.0
Rate Year 3	$0.0	$0.0	$0.0
Subtotal - PST	$0.0	$0.0	$0.0
Base Case plus PST			
Rate Year 1	$1.8	($0.4)	$1.4
Rate Year 2	($0.3)	($0.0)	($0.3)
Rate Year 3	($0.3)	($0.1)	($0.4)
TOTAL	$1.2	($0.5)	$0.7

Revenue Requirement

	Narragansett Electric	Narragansett Gas	Total
Base case			
Rate Year 1	$1.8	($0.4)	$1.4
Rate Year 2	$1.5	($0.4)	$1.1
Rate Year 3	$1.2	($0.5)	$0.7
Subtotal	$4.5	($1.3)	$3.2
Power Sector Transformation (PST)			
Rate Year 1	$0.0	$0.0	$0.0
Rate Year 2	$0.0	$0.0	$0.0
Rate Year 3	$0.0	$0.0	$0.0
Subtotal - PST	$0.0	$0.0	$0.0
Base Case plus PST			
Rate Year 1	$1.8	($0.4)	$1.4
Rate Year 2	$1.5	($0.4)	$1.1
Rate Year 3	$1.2	($0.5)	$0.7
TOTAL	$4.5	($1.3)	$3.2

Supplemental Compliance Filing
Index of Schedules

SUPPLEMENTAL COMPLIANCE ATTACHMENT 2

Schedule Summary-ELEC	Summary of Revisions to Operations Income, Comparative Statement of Operations Income, and Comparative Rate Base Calculation - Electric
Schedule Summary-GAS	Summary of Revisions to Operations Income, Comparative Statement of Operations Income, and Comparative Rate Base Calculation – Gas
Schedule Summary-ELEC/GAS	Comparative Operating Expenses by Component – Electric & Gas
Schedule-1-ELEC	Revenue Requirement – Electric
Schedule-1-GAS	Revenue Requirement – Gas
Schedule-2-ELEC	Revenue – Electric
Schedule-2-GAS	Revenue – Gas
Schedule-3	Operation & Maintenance Expense Summary
Schedule-4-ELEC	Amortization of Regulatory Deferrals – Electric
Schedule-4-GAS	Amortization of Regulatory Deferrals – Gas
Schedule-5-ELEC	Amortization of Intangibles – Electric
Schedule-5-GAS	Amortization of Intangibles – Gas
Schedule-6-ELEC	Depreciation – Electric
Schedule-6-GAS	Depreciation – Gas
Schedule-7-ELEC	Municipal Taxes – Electric
Schedule-7-GAS	Municipal Taxes – Gas
Schedule-8	Payroll Taxes
Schedule-9	Other Tax and Gross Receipts Tax
Schedule-10-ELEC	Income Taxes – Electric
Schedule-10-GAS	Income Taxes – Gas
Schedule-11-ELEC	Rate Base – Electric
Schedule-11-GAS	Rate Base – Gas
Schedule-12	Labor
Schedule-13	Health Care
Schedule-14	Group Life Insurance
Schedule-15	Thrift Plan
Schedule-16	FAS112 / ASC 712
Schedule-17	Service Company Rents
Schedule-18	Joint Facilities
Schedule-19	Uninsured Claims
Schedule-20	Insurance Premium
Schedule-21	Regulatory Assessments
Schedule-22	Uncollectible Accounts
Schedule-23	Postage

Supplemental Compliance Filing
Index of Schedules

Schedule-24	Strike Contingency
Schedule-25	Environmental Response Fund
Schedule-26	Paperless Bill Credit
Schedule-27	Post-Retirement Benefits Other than Pension
Schedule-28	Pension
Schedule-29	Energy Efficiency Program
Schedule-30	Other Operating and Maintenance Expenses
Schedule-31	Storm Cost Recovery
Schedule-32	Gas Cost Recovery Related Operating and Maintenance Expenses
Schedule-33	New England Power Company Integrated Facilities Agreement Credit
Schedule-34	Wheeling
Schedule-35	Sustainability Hub
Schedule-36	Gas Business Enablement
Schedule-37	Operating Expenditures Electric
Schedule-38	Operating Expenditures Gas
Schedule-39	Customer Affordability Program
Schedule-40	Purchase Power Expenses
Schedule-41	Cash Working Capital/Lead Lag Study Electric
Schedule-42	Cash Working Capital/Lead Lag Study Gas

*Highlighted Schedules have been either created or revised since the August 16, 2018 Compliance Filing and included in this filing.

Schedule-Summary-ELEC

Summary of Revisions to Operations Income, Comparative Statement of Operations Income, and

Comparative Rate Base Calculation - Electric

The Narragansett Electric Company d/b/a National Grid
Summary of Revisions to Electric Operations Income
For the Rate Years Ending August 31, 2019, August 31, 2020, and August 31, 2021
($ million)

		Rate Year 1			Rate Year 2		Rate Year 3	
		Inc(Dec)		Rev Req	Inc(Dec)	Rev Req	Inc(Dec)	Rev Req
1	August 16 Compliance Filing			$ 291.1		$ 295.0		$ 297.5
2	Decrease in rent expense	$ (2.4)		$ (2.4)	$ (2.4)	$ (2.4)	$ (2.4)	$ (2.4)
3	Increase in tax expense	$ 3.4	x 1.2825328	$ 4.3	$ 3.4	$ 4.3	$ 3.4	$ 4.3
4	Decrease in net income	$ (0.1)	x 1.2825328	$ (0.1)	$ (0.3)	$ (0.4)	$ (0.6)	$ (0.7)
5	Uncollectible expense impact (Line 2)		1.3029%	$ (0.0)		$ (0.0)		$ (0.0)
6	March 1 Supplemental Compliance Filing			$ 292.9		$ 296.5		$ 298.7
7	Revenue requirement per Page 2			$ 292.9		$ 296.5		$ 298.7
8	check			$ (0.0)		$ (0.0)		$ 0.0
	Decrease net income:							
9	Decrease in rate base	$ (1.5)			$ (4.9)		$ (8.2)	
10	Weighted Average Cost of Capital (WACC)	6.97%			6.97%		6.97%	
11	Decrease in net income before tax	$ (0.1)			$ (0.3)		$ (0.6)	

1.2825328 = $1 Gross revenue conversion factor
1.3029% = uncollectibles rate

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC
Page 1 of 3

The Narragansett Electric Company d/b/a National Grid
Comparative Statement of Electric Operations Income and Revenue Deficiency Summary
For the Rate Years Ending August 31, 2019, August 31, 2020, and August 31, 2021

		Rate Year ending August 31, 2019			Rate Year ending August 31, 2020			Rate Year ending August 31, 2021		
	Schedule Reference	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)
1 Revenues	Schedule 2-ELEC	$292,912,174	$291,130,879	$1,781,295	$296,501,734	$295,001,190	$1,500,544	$298,767,139	$297,547,347	$1,219,792
2										
3 Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0		$0	$0		$0	$0	
4										
5 Net Distribution Revenues		$292,912,174	$291,130,879	$1,781,295	$296,501,734	$295,001,190	$1,500,544	$298,767,139	$297,547,347	$1,219,792
6										
7 Operation & Maintenance Expenses	Schedule 3	$148,402,512	$150,760,152	($2,357,640)	$150,937,701	$153,298,998	($2,361,297)	$153,077,220	$155,442,175	($2,364,955)
8										
9 Amortization of Regulatory Deferrals	Schedule 4-ELEC	$471,908	$471,908	($0)	$471,908	$471,908	($0)	$471,908	$471,908	($0)
10										
11 Amortization of Utility Plant	Schedule 5-ELEC	$0	$0	$0	$0	$0	$0	$0	$0	$0
12										
13 Depreciation	Schedule 6-ELEC	$50,128,332	$50,128,332	$0	$51,008,253	$51,008,253	$0	$51,052,503	$51,052,503	$0
14										
15 Municipal Taxes	Schedule 7-ELEC	$30,530,258	$30,530,258	($0)	$30,530,258	$30,530,258	($0)	$30,530,258	$30,530,258	($0)
16										
17 Payroll Taxes	Schedule 8	$4,154,522	$4,154,522	$0	$4,263,404	$4,263,404	($0)	$4,348,558	$4,348,558	$0
18										
19 Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0	$0	$0	$0	$0
20										
21 Other Taxes	Schedule 9	$454,406	$454,406	$0	$466,493	$466,493	$0	$477,829	$477,829	$0
22										
23 Interest on Customer Deposits	Workpaper 2-ELEC	$132,127	$132,127	$0	$304,467	$304,467	($0)	$300,158	$300,158	$0
24										
25 Total Operating Revenue Deductions		$234,274,066	$236,631,705	($2,357,639)	$237,982,484	$240,343,781	($2,361,297)	$240,258,435	$242,623,389	($2,364,954)
26										
27 Operating Income Before Income Taxes		$58,638,108	$54,499,174	$4,138,934	$58,519,250	$54,657,409	$3,861,841	$58,508,705	$54,923,958	$3,584,747
28										
29 Income Taxes	Schedule 10-ELEC	$7,896,572	$3,652,328	$4,244,244	$7,866,965	$3,665,067	$4,201,898	$7,865,354	$3,705,802	$4,159,552
30										
31 Operating Income After Income Taxes		$50,741,536	$50,846,845	($105,310)	$50,652,285	$50,992,342	($340,057)	$50,643,351	$51,218,156	($574,805)
32										
33 Rate Base	Schedule 11-ELEC	$727,999,079	$729,509,971	($1,510,892)	$726,718,582	$731,597,435	($4,878,853)	$726,590,403	$734,837,218	($8,246,815)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC
Page 2 of 3

The Narragansett Electric Company d/b/a National Grid
Comparative Distribution Rate Base Calculation - Electric
For the Rate Years Ending August 31, 2019, 2020 and 2021

		Supplemental Compliance Filing 5 Quarter Average			Compliance Filing 5 Quarter Average			Increase/(Decrease)		
	Description	Rate Year Ending August 31, 2019 (a)	Rate Year Ending August 31, 2020 (b)	Rate Year Ending August 31, 2021 (c)	Rate Year Ending August 31, 2019 (d)	Rate Year Ending August 31, 2020 (e)	Rate Year Ending August 31, 2021 (f)	Rate Year Ending August 31, 2019 (a)-(d)	Rate Year Ending August 31, 2020 (b)-(e)	Rate Year Ending August 31, 2021 (c)-(f)
1	Utility Plant In Service	$1,601,539,723	$1,602,539,723	$1,604,539,723	$1,601,539,723	$1,602,539,723	$1,604,539,723	$0	$0	$0
2										
3	Property Held for Future Use	$2,496,405	$2,496,405	$2,496,405	$2,496,405	$2,496,405	$2,496,405	$0	$0	$0
4	Less: Contribution in Aid of Construction	$2,756	$2,756	$2,756	$2,756	$2,756	$2,756	$0	$0	$0
5	Less: Accumulated Depreciation	$688,355,184	$688,470,384	$688,563,184	$688,355,184	$688,470,384	$688,563,184	$0	$0	$0
6										
7	Net Plant	$915,678,188	$916,562,988	$918,470,188	$915,678,188	$916,562,988	$918,470,188	$0	$0	$0
8										
9	Materials and Supplies	$3,493,676	$3,403,498	$3,327,193	$3,493,676	$3,403,498	$3,327,193	$0	$0	$0
10	Prepayments	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	Loss on Reacquired Debt	$1,401,214	$1,244,585	$1,112,052	$1,401,214	$1,244,585	$1,112,052	$0	$0	$0
12	Cash Working Capital	$18,095,166	$18,095,166	$18,095,166	$17,922,078	$17,922,078	$17,922,078	$173,088	$173,088	$173,088
13	Unamortized Interest Rate Lock	$1,638,006	$1,237,463	$898,542	$1,638,006	$1,237,463	$898,542	$0	$0	$0
14	Unamortized Debt Issuance Costs $550M	$901,943	$795,916	$706,200	$901,943	$795,916	$706,200	$0	$0	$0
15	Unamortized Debt Issuance Costs $250M	$866,236	$826,723	$793,290	$866,236	$826,723	$793,290	$0	$0	$0
16	Unamortized Debt Issuance Costs $350M	$577,476	$511,041	$454,826	$577,476	$511,041	$454,826	$0	$0	$0
17	Subtotal	$26,973,718	$26,114,391	$25,387,269	$26,800,630	$25,941,303	$25,214,181	$173,088	$173,088	$173,088
18										
19	Accumulated Deferred FIT	$205,224,186	$206,437,856	$207,672,684	$203,540,205	$201,385,915	$199,252,781	$1,683,981	$5,051,942	$8,419,903
20	Accumulated Deferred FIT -Loss on Reacquired Debt	$540,073	$509,711	$479,349	$540,073	$509,711	$479,349	$0	$0	$0
21	Customer Deposits	$8,888,568	$9,011,230	$9,115,021	$8,888,568	$9,011,230	$9,115,021	$0	$0	$0
22	Subtotal	$214,652,827	$215,958,797	$217,267,054	$212,968,847	$210,906,856	$208,847,151	$1,683,981	$5,051,942	$8,419,903
23										
24	Rate Base	$727,999,079	$726,718,582	$726,590,403	$729,509,971	$731,597,435	$734,837,218	($1,510,892)	($4,878,853)	($8,246,814)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC
Page 3 of 3

Schedule-Summary-GAS

Summary of Revisions to Operations Income, Comparative Statement of Operations Income, and

Comparative Rate Base Calculation - Gas

The Narragansett Electric Company d/b/a National Grid
Summary of Revisions to Statement of Gas Operations Income
For the Rate Years Ending August 31, 2019, August 31, 2020, and August 31, 2021

		Rate Year 1			Rate Year 2		Rate Year 3	
		Inc(Dec)		Rev Req	Inc(Dec)	Rev Req	Inc(Dec)	Rev Req
1	August 16 Compliance Filing			$ 218.6		$ 224.4		$ 227.7
2	Decrease in rent expense	$ (0.8)		$ (0.8)	$ (0.8)	$ (0.8)	$ (0.8)	$ (0.8)
3	Increase in tax expense	$ 0.3	x 1.290437	$ 0.4	$ 0.3	$ 0.4	$ 0.3	$ 0.4
4	Decrease in net income	$ (0.0)	x 1.290437	$ (0.0)	$ (0.0)	$ (0.1)	$ (0.1)	$ (0.1)
5	Uncollectible expense impact (Line 2)		1.9074%	$ (0.0)		$ (0.0)		$ (0.0)
6	March 1 Supplemental Compliance Filing			$ 218.2		$ 223.9		$ 227.2
7	Revenue requirement per Page 2			$ 218.2		$ 223.9		$ 227.2
8	check			$ (0.0)		$ (0.0)		$ (0.0)
	Decrease net income:							
9	Decrease in rate base	$ (0.2)			$ (0.5)		$ (0.9)	
10	Weighted Average Cost of Capital (WACC)	7.15%			7.15%		7.15%	
11	Decrease net income before tax	$ (0.0)			$ (0.0)		$ (0.1)	

1.290437 = $1 Gross revenue conversion factor
1.9074% = uncollectibles rate

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-GAS
Page 1 of 3

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Gas Operations Income and Revenue Deficiency Summary
For the Rate Years Ending August 31, 2019, August 31, 2020, and August 31, 2021

			Rate Year ending August 31, 2019			Rate Year ending August 31, 2020			Rate Year ending August 31, 2021		
		Schedule Reference	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)	Supplemental Compliance filing	Compliance filing August 16, 2018	Increase/ (Decrease)
1	Revenues	Schedule 2-GAS	$218,217,426	$218,634,846	($417,420)	$223,915,243	$224,361,607	($446,364)	$227,249,097	$227,724,405	($475,308)
2											
3	Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0	$0	$0	$0	$0	$0	$0	$0
4											
5	Net Distribution Revenues		$218,217,426	$218,634,846	($417,420)	$223,915,243	$224,361,607	($446,364)	$227,249,097	$227,724,405	($475,308)
6											
7	Operation & Maintenance Expenses	Schedule 3	$85,431,487	$86,258,606	($827,119)	$88,036,992	$88,864,662	($827,670)	$89,435,372	$90,263,594	($828,222)
8											
9	Amortization of Regulatory Deferrals	Schedule 4-GAS	$1,577,216	$1,577,216	$0	$1,577,216	$1,577,216	$0	$1,577,216	$1,577,216	$0
10											
11	Amortization of Utility Plant	Schedule 5-GAS	$426,184	$426,184	$0	$426,184	$426,184	$0	$426,184	$426,184	$0
12											
13	Depreciation	Schedule 6-GAS	$39,136,909	$39,136,909	$0	$41,061,654	$41,061,654	$0	$41,670,438	$41,670,438	$0
14											
15	Municipal Taxes	Schedule 7-GAS	$26,869,455	$26,869,455	($0)	$26,869,455	$26,869,455	($0)	$26,869,455	$26,869,455	($0)
16											
17	Payroll Taxes	Schedule 8	$2,660,389	$2,660,389	$0	$2,735,007	$2,735,007	($0)	$2,790,638	$2,790,638	$0
18											
19	Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0	$0	$0	$0	$0
20											
21	Other Taxes	Schedule 9	$227,533	$227,533	($0)	$233,585	$233,585	$0	$239,261	$239,261	$0
22											
23	Interest on Customer Deposits	Workpaper 2-GAS	$35,184	$35,184	($0)	$81,076	$81,076	($0)	$79,929	$79,929	($0)
24											
25	Total Operating Revenue Deductions		$156,364,358	$157,191,476	($827,118)	$161,021,169	$161,848,839	($827,670)	$163,088,493	$163,916,715	($828,222)
26											
27	Operating Income Before Income Taxes		$61,853,069	$61,443,370	$409,699	$62,894,074	$62,512,768	$381,306	$64,160,604	$63,807,690	$352,914
28											
29	Income Taxes	Schedule 10-GAS	$7,487,805	$7,062,987	$424,818	$7,643,491	$7,222,918	$420,573	$7,832,904	$7,416,578	$416,326
30											
31	Operating Income After Income Taxes		$54,365,263	$54,380,383	($15,120)	$55,250,584	$55,289,850	($39,266)	$56,327,700	$56,391,112	($63,412)
32											
33	Rate Base	Schedule 11-GAS	$760,353,334	$760,564,795	($211,461)	$772,735,434	$773,284,603	($549,169)	$787,800,004	$788,686,880	($886,876)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-GAS
Page 2 of 3

The Narragansett Electric Company d/b/a National Grid
Comparative Distribution Rate Base Calculation - Electric
For the Rate Years Ending August 31, 2019, 2020 and 2021

		Supplemental Compliance			Compliance			Increase/(Decrease)		
	Description	Rate Year Ending August 31, 2019	Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2021	Rate Year Ending August 31, 2019	Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2021	Rate Year Ending August 31, 2019	Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2021
		(a)	(b)	(c)	(d)	(e)	(f)	(a)-(d)	(b)-(e)	(c)-(f)
1	Gas Plant In Service	$1,306,857,054	$1,328,015,869	$1,349,443,902	$1,306,857,054	$1,328,015,869	$1,349,443,902	$0	$0	$0
2	Normalizing Adjustment: Smallworld GIS1	$3,996,550	$3,996,550	$3,996,550	$3,996,550	$3,996,550	$3,996,550	$0	$0	$0
3	Gas Plant In Service	$1,310,853,604	$1,332,012,419	$1,353,440,451	$1,310,853,604	$1,332,012,419	$1,353,440,451	$0	$0	$0
4										
5	Construction Work In Progress	$44,213,371	$45,444,229	$46,739,869	$44,213,371	$45,444,229	$46,739,869	$0	$0	$0
6										
7	Less: Accumulated Depreciation	$427,173,934	$428,191,816	$429,895,395	$427,173,934	$428,191,816	$429,895,395	$0	$0	$0
8	Normalizing Adjustment: Smallworld GIS1	$2,987,945	$3,414,129	$3,840,314	$2,987,945	$3,414,129	$3,840,314	$0	$0	$0
9	Test Year Adjusted Accumulated Depreciation	$430,161,879	$431,605,945	$433,735,709	$430,161,879	$431,605,945	$433,735,709	$0	$0	$0
10										
11	Less: Contribution in Aid of Construction	($946)	($2,250)	($3,622)	($946)	($2,250)	($3,622)	$0	$0	$0
12										
13	Net Plant	$924,906,042	$945,852,952	$966,448,234	$924,906,042	$945,852,952	$966,448,234	$0	$0	$0
14										
15	Additions:									
16	Materials and Supplies	$2,680,174	$2,159,157	$1,610,719	$2,680,174	$2,159,157	$1,610,719	$0	$0	$0
17	Prepaid Expenses, Excluding Taxes	$204,501	$276,014	$351,290	$204,501	$276,014	$351,290	$0	$0	$0
18	Deferred Debits	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Cash Working Capital	$6,630,346	$6,630,346	$6,630,346	$6,672,954	$6,672,954	$6,672,954	($42,608)	($42,608)	($42,608)
20	Unamortized Interest Lock expense $550M	$717,273	$555,375	$393,477	$717,273	$555,375	$393,477	$0	$0	$0
21	Unamortized Issuance Costs $300M	$368,550	$351,035	$333,519	$368,550	$351,035	$333,519	$0	$0	$0
22	Unamortized Issuance Costs $250M	$26,397	$4,434	$0	$26,397	$4,434	$0	$0	$0	$0
23	Unamortized Issuance Costs $200M	$251,932	$241,287	$230,642	$251,932	$241,287	$230,642	$0	$0	$0
24	Unamortized Issuance Costs $350M	$454,825	$406,525	$358,225	$454,825	$406,525	$358,225	$0	$0	$0
25	Unamortized Issuance Costs Mortgage Bonds	$54,229	$31,304	$8,379	$54,229	$31,304	$8,379	$0	$0	$0
26	Total Additions	$11,388,226	$10,655,477	$9,916,598	$11,430,834	$10,698,085	$9,959,206	($42,608)	($42,608)	($42,608)
27										
28	Deductions:									
29	Accumulated Deferred FIT	$155,810,701	$165,988,112	$173,482,878	$155,641,847	$165,481,552	$172,638,610	$168,854	$506,561	$844,268
30	Merger Hold Harmless Adjustment	$18,662,756	$16,576,053	$14,145,381	$18,662,756	$16,576,053	$14,145,381	$0	$0	$0
31	Customer Deposits	$1,467,477	$1,208,830	$936,570	$1,467,477	$1,208,830	$936,570	$0	$0	$0
32	Total Deductions	$175,940,934	$183,772,995	$188,564,828	$175,772,080	$183,266,434	$187,720,560	$168,854	$506,561	$844,268
33										
34	Rate Base	$760,353,334	$772,735,434	$787,800,004	$760,564,795	$773,284,603	$788,686,880	($211,462)	($549,169)	($886,876)
35										
36	Total Rate Base	$760,353,334	$772,735,434	$787,800,004	$760,564,795	$773,284,603	$788,686,880	($211,462)	($549,169)	($886,876)

1Gas Information System

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-GAS
Page 3 of 3

Schedule-Summary-ELEC/GAS

Comparative Operating Expenses by Component – Electric & Gas

The Narragansett Electric Company d/b/a National Grid
Comparative Operating Expenses by Component
Summary (ELECTRIC & GAS) for the Rate Year Ending August 31, 2019

		Schedule Reference	Supplemental Compliance Filing Rate Year Ending August 31, 2019			Compliance Filing Rate Year Ending August 31, 2019			Increase(Decrease)		
			Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
			(a)	(b)	(c)	(d)	(e)	(f)	(g) = (h) + (i)	(h) = (b) - (e)	(i) = (c) - (f)
	Operation & Maintenance Expenses:										
1	Labor	Schedule 12	$84,140,126	$50,809,286	$33,330,840	$84,140,126	$50,809,286	$33,330,840	$0	$0	$0
2	Health Care	Schedule 13	$10,731,596	$6,391,424	$4,340,172	$10,731,596	$6,391,424	$4,340,172	$0	$0	$0
3	Group Life Insurance	Schedule 14	$985,884	$560,647	$425,237	$985,884	$560,647	$425,237	$0	$0	$0
4	Thrift Plan	Schedule 15	$3,915,834	$2,398,472	$1,517,362	$3,915,834	$2,398,472	$1,517,362	$0	$0	$0
5	FAS 112 / ASC 712	Schedule 16	($0)	($0)	($0)	($0)	($0)	($0)	$0	$0	$0
6	Service Company Rents	Schedule 17	$14,452,784	$10,736,163	$3,716,621	$17,652,789	$13,117,011	$4,535,777	($3,200,004)	($2,380,848)	($819,156)
7	Joint Facilities	Schedule 18	$1,757,968	$1,176,621	$581,346	$1,757,968	$1,176,621	$581,346	$0	$0	$0
8	Uninsured Claims	Schedule 19	$2,479,635	$1,840,172	$639,463	$2,479,635	$1,840,172	$639,463	$0	$0	$0
9	Insurance Premium	Schedule 20	$3,012,818	$2,090,894	$921,924	$3,012,818	$2,090,894	$921,924	$0	$0	$0
10	Regulatory Assessment Fees	Schedule 21	$6,184,116	$4,286,454	$1,897,662	$6,184,116	$4,286,454	$1,897,662	$0	$0	$0
11	Uncollectible Accounts	Schedule 22	$7,518,940	$4,122,270	$3,396,670	$7,518,940	$4,122,270	$3,396,670	$0	$0	$0
12	Postage	Schedule 23	$3,930,240	$2,557,424	$1,372,817	$3,930,240	$2,557,424	$1,372,817	$0	$0	$0
13	Strike Contingency	Schedule 24	$8,573	$8,573	$0	$8,573	$8,573	$0	$0	$0	$0
14	Environmental Response Fund	Schedule 25	$3,078,000	$3,078,000	$0	$3,078,000	$3,078,000	$0	$0	$0	$0
15	Paperless Bill Credit	Schedule 26	$816,516	$551,281	$265,235	$816,516	$551,281	$265,235	$0	$0	$0
16	PBOP	Schedule 27	$3,590,908	$4,815,932	($1,225,024)	$3,590,908	$4,815,932	($1,225,024)	$0	$0	$0
17	Pension	Schedule 28	$9,274,224	$6,000,874	$3,273,350	$9,274,224	$6,000,874	$3,273,350	$0	$0	$0
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$64,481,865	$37,880,827	$26,601,038	$64,481,865	$37,880,827	$26,601,038	$0	$0	$0
20	Storm Cost Recovery	Schedule 31	$7,023,726	$7,023,726	$0	$7,023,726	$7,023,726	$0	$0	$0	$0
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$0	$0	$0	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$287,379	$186,193	$101,186	$287,379	$186,193	$101,186	$0	$0	$0
25	Gas Business Enablement	Schedule 36	$3,329,316	$482,041	$2,847,275	$3,329,316	$482,041	$2,847,275	$0	$0	$0
26	Electric Operations	Schedule 37	$611,550	$611,550	$0	$611,550	$611,550	$0	$0	$0	$0
27	Gas Operations	Schedule 38	$1,032,482	$0	$1,032,482	$1,032,482	$0	$1,032,482	$0	$0	$0
28	Customer Affordability Program	Schedule 39	$906,337	$613,623	$292,714	$906,337	$613,623	$292,714	$0	$0	$0
29	Sub Total		$233,550,820	$148,222,449	$85,328,370	$236,750,824	$150,603,298	$86,147,527	($3,200,004)	($2,380,848)	($819,156)
30											
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0	$0	$0	$0	$0
32											
33	Sub Total		$0	$0	$0	$0	$0	$0	$0	$0	$0
34											
35	TOTAL		$233,550,820	$148,222,449	$85,328,370	$236,750,824	$150,603,298	$86,147,527	($3,200,004)	($2,380,848)	($819,156)
			$0	$0	$0	$0	$0	$0			

Column Notes
(b) Column (h)
(c) Column (i)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC/GAS
Page 1 of 3

The Narragansett Electric Company d/b/a National Grid
Comparative Operating Expenses by Component
Summary (ELECTRIC & GAS) for the Rate Year Ending August 31, 2020

			Supplemental Compliance Filing Rate Year Ending August 31, 2020			Compliance Filing Rate Year Ending August 31, 2020			Increase(Decrease)		
		Schedule Reference	Total (a)	Electric (b)	Gas (c)	Total (d)	Electric (e)	Gas (f)	Total (g) = (h) + (i)	Electric (h) = (b) - (e)	Gas (i) = (c) - (f)
	Operation & Maintenance Expenses:										
1	Labor	Schedule 12	$84,140,126	$52,633,681	$34,742,707	$84,140,126	$52,633,681	$34,742,707	$0	$0	$0
2	Health Care	Schedule 13	$10,731,596	$6,620,876	$4,524,195	$10,731,596	$6,620,876	$4,524,195	$0	$0	$0
3	Group Life Insurance	Schedule 14	$985,884	$595,688	$454,578	$985,884	$595,688	$454,578	$0	$0	$0
4	Thrift Plan	Schedule 15	$3,915,834	$2,484,577	$1,581,698	$3,915,834	$2,484,577	$1,581,698	$0	$0	$0
5	FAS 112 / ASC 712	Schedule 16	($0)	($0)	($0)	($0)	($0)	($0)	$0	$0	$0
6	Service Company Rents	Schedule 17	$14,452,784	$11,116,572	$3,936,461	$17,652,789	$13,497,420	$4,755,618	($3,200,004)	($2,380,848)	($819,156)
7	Joint Facilities	Schedule 18	$1,757,968	$1,207,920	$596,810	$1,757,968	$1,207,920	$596,810	$0	$0	$0
8	Uninsured Claims	Schedule 19	$2,479,635	$1,889,121	$656,472	$2,479,635	$1,889,121	$656,472	$0	$0	$0
9	Insurance Premium	Schedule 20	$3,012,818	$2,146,512	$946,365	$3,012,818	$2,146,512	$946,365	$0	$0	$0
10	Regulatory Assessment Fees	Schedule 21	$6,184,116	$4,286,454	$1,897,662	$6,184,116	$4,286,454	$1,897,662	$0	$0	$0
11	Uncollectible Accounts	Schedule 22	$7,518,940	$4,302,333	$3,499,787	$7,518,940	$4,279,125	$3,507,749	$15,246	$23,208	($7,962)
12	Postage	Schedule 23	$3,930,240	$2,625,451	$1,409,334	$3,930,240	$2,625,451	$1,409,334	$0	$0	$0
13	Strike Contingency	Schedule 24	$8,573	$8,801	$0	$8,573	$8,801	$0	$0	$0	$0
14	Environmental Response Fund	Schedule 25	$3,078,000	$3,078,000	$0	$3,078,000	$3,078,000	$0	$0	$0	$0
15	Paperless Bill Credit	Schedule 26	$816,516	$551,281	$265,235	$816,516	$551,281	$265,235	$0	$0	$0
16	PBOP	Schedule 27	$3,590,908	$4,815,932	($1,225,024)	$3,590,908	$4,815,932	($1,225,024)	$0	$0	$0
17	Pension	Schedule 28	$9,274,224	$4,842,582	$2,490,355	$9,274,224	$4,842,582	$2,490,355	$0	$0	$0
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$64,481,865	$38,881,018	$27,305,166	$64,481,865	$38,881,018	$27,305,166	$0	$0	$0
20	Storm Cost Recovery	Schedule 31	$7,023,726	$7,023,726	$0	$7,023,726	$7,023,726	$0	$0	$0	$0
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$0	$0	$0	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$287,379	$153,798	$83,581	$287,379	$153,798	$83,581	$0	$0	$0
25	Gas Business Enablement	Schedule 36	$3,329,316	$511,352	$3,511,995	$3,329,316	$511,352	$3,511,995	$0	$0	$0
26	Electric Operations	Schedule 37	$611,550	$572,000	$0	$611,550	$572,000	$0	$0	$0	$0
27	Gas Operations	Schedule 38	$1,032,482	$0	$955,700	$1,032,482	$0	$955,700	$0	$0	$0
28	Customer Affordability Program	Schedule 39	$906,337	$543,256	$295,232	$906,337	$543,256	$295,232	$0	$0	$0
29	Sub Total		$233,550,820	$150,890,932	$87,928,310	$236,750,824	$153,248,572	$88,755,428	($3,184,758)	($2,357,640)	($827,118)
30											
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0	$0	$0	$0	$0
32											
33	Sub Total		$0	$0	$0	$0	$0	$0	$0	$0	$0
34											
35	TOTAL		$233,550,820	$150,890,932	$87,928,310	$236,750,824	$153,248,572	$88,755,428	($3,184,758)	($2,357,640)	($827,118)
			$0	$0	$0	$0	$0	$0			

Column Notes
(b) Column (h)
(c) Column (i)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC/GAS
Page 2 of 3

The Narragansett Electric Company d/b/a National Grid
Comparative Operating Expenses by Component
Summary (ELECTRIC & GAS) for the Rate Year Ending August 31, 2021

		Schedule Reference	Supplemental Compliance Filing Rate Year Ending August 31, 2021 Total (a)	Electric (b)	Gas (c)	Compliance Filing Rate Year Ending August 31, 2021 Total (d)	Electric (e)	Gas (f)	Increase(Decrease) Total (g) = (h) + (i)	Electric (h) = (b) - (e)	Gas (i) = (c) - (f)
	Operation & Maintenance Expenses:										
1	Labor	Schedule 12	$84,140,126	$54,227,114	$35,832,453	$84,140,126	$54,227,114	$35,832,453	$0	$0	$0
2	Health Care	Schedule 13	$10,731,596	$6,821,489	$4,666,255	$10,731,596	$6,821,489	$4,666,255	$0	$0	$0
3	Group Life Insurance	Schedule 14	$985,884	$628,212	$479,898	$985,884	$628,212	$479,898	$0	$0	$0
4	Thrift Plan	Schedule 15	$3,915,834	$2,559,860	$1,631,363	$3,915,834	$2,559,860	$1,631,363	$0	$0	$0
5	FAS 112 / ASC 712	Schedule 16	($0)	($0)	($0)	($0)	($0)	($0)	$0	$0	$0
6	Service Company Rents	Schedule 17	$14,452,784	$11,507,102	$3,936,201	$17,652,789	$13,887,951	$4,755,358	($3,200,004)	($2,380,848)	($819,156)
7	Joint Facilities	Schedule 18	$1,757,968	$1,237,272	$611,313	$1,757,968	$1,237,272	$611,313	$0	$0	$0
8	Uninsured Claims	Schedule 19	$2,479,635	$1,935,026	$672,425	$2,479,635	$1,935,026	$672,425	$0	$0	$0
9	Insurance Premium	Schedule 20	$3,012,818	$2,198,672	$968,693	$3,012,818	$2,198,672	$968,693	$0	$0	$0
10	Regulatory Assessment Fees	Schedule 21	$6,184,116	$4,286,454	$1,897,662	$6,184,116	$4,286,454	$1,897,662	$0	$0	$0
11	Uncollectible Accounts	Schedule 22	$7,518,940	$4,349,101	$3,608,469	$7,518,940	$4,329,551	$3,616,983	$11,036	$19,550	($8,514)
12	Postage	Schedule 23	$3,930,240	$2,689,250	$1,443,580	$3,930,240	$2,689,250	$1,443,580	$0	$0	$0
13	Strike Contingency	Schedule 24	$8,573	$9,015	$0	$8,573	$9,015	$0	$0	$0	$0
14	Environmental Response Fund	Schedule 25	$3,078,000	$3,078,000	$0	$3,078,000	$3,078,000	$0	$0	$0	$0
15	Paperless Bill Credit	Schedule 26	$816,516	$551,281	$265,235	$816,516	$551,281	$265,235	$0	$0	$0
16	PBOP	Schedule 27	$3,590,908	$4,815,932	($1,225,024)	$3,590,908	$4,815,932	($1,225,024)	$0	$0	$0
17	Pension	Schedule 28	$9,274,224	$3,756,296	$1,757,736	$9,274,224	$3,756,296	$1,757,736	$0	$0	$0
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$64,481,865	$39,819,031	$27,964,413	$64,481,865	$39,819,031	$27,964,413	$0	$0	$0
20	Storm Cost Recovery	Schedule 31	$7,023,726	$7,023,726	$0	$7,023,726	$7,023,726	$0	$0	$0	$0
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$0	$0	$0	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$287,379	$153,798	$83,581	$287,379	$153,798	$83,581	$0	$0	$0
25	Gas Business Enablement	Schedule 36	$3,329,316	$494,859	$3,665,243	$3,329,316	$494,859	$3,665,243	$0	$0	$0
26	Electric Operations	Schedule 37	$611,550	$618,083	$0	$611,550	$618,083	$0	$0	$0	$0
27	Gas Operations	Schedule 38	$1,032,482	$0	$955,700	$1,032,482	$0	$955,700	$0	$0	$0
28	Customer Affordability Program	Schedule 39	$906,337	$288,128	$156,583	$906,337	$288,128	$156,583	$0	$0	$0
29	Sub Total		$233,550,820	$153,047,704	$89,371,781	$236,750,824	$155,409,002	$90,199,451	($3,188,968)	($2,361,298)	($827,670)
30											
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0	$0	$0	$0	$0
32											
33	Sub Total		$0	$0	$0	$0	$0	$0	$0	$0	$0
34											
35	TOTAL		$233,550,820	$153,047,704	$89,371,781	$236,750,824	$155,409,002	$90,199,451	($3,188,968)	($2,361,298)	($827,670)

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 2
Schedule Summary-ELEC/GAS
Page 3 of 3

Schedule-1-ELEC

Revenue Requirement– Electric

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Electric Operations Income and Revenue Deficiency Summary
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019

Line		Schedule Reference	Test Year Ended June 30, 2017	Normalizing Adjustments	Test Year Ended June 30, 2017 Adjusted	Proforma Adjustments	Rate Year Ending August 31, 2019	Base Revenue Increase Required	Rate Year Ending August 31, 2019 with Base Revenue Requirement
			(a)	(b)	(c) = (a) + (b)	(c)	(e) = (c) + (d)	(f)	(g) = (e) + (f)
1	Revenues	Schedule 2-ELEC	$906,848,280	($627,513,858)	$279,334,422	($242,479)	$279,091,943	$13,820,231	$292,912,174
2									
3	Purchased Power & Other Reconciling Expense	Schedule 3	$304,255,398	($304,255,398)	$0	$0	$0	$0	$0
4									
5	Net Distribution Revenues		$602,592,882	($323,258,459)	$279,334,422	($242,479)	$279,091,943	$13,820,231	$292,912,174
6									
7	Operation & Maintenance Expenses	Schedule 3	$304,575,180	($164,238,756)	$140,336,424	$7,886,026	$148,222,449	$180,063	$148,402,512
8									
9	Amortization of Regulatory Deferrals	Schedule 4-ELEC	$8,454	($8,454)	$0	$471,908	$471,908	$0	$471,908
10									
11	Amortization of Utility Plant	Schedule 5-ELEC	$62,962	($62,962)	$0	$0	$0	$0	$0
12									
13	Depreciation	Schedule 6-ELEC	$69,031,187	($19,869,812)	$49,161,375	$966,957	$50,128,332	$0	$50,128,332
14									
15	Municipal Taxes	Schedule 7-ELEC	$49,702,787	($20,023,313)	$29,679,474	$850,784	$30,530,258	$0	$30,530,258
16									
17	Payroll Taxes	Schedule 8	$8,148,712	($4,435,908)	$3,712,803	$441,719	$4,154,522	$0	$4,154,522
18									
19	Gross Receipts Taxes	Schedule 9	$32,568,650	($32,568,650)	$0	$0	$0	$0	$0
20									
21	Other Taxes	Schedule 9	$434,298	$0	$434,298	$20,108	$454,406	$0	$454,406
22									
23	Interest on Customer Deposits	Workpaper 2-ELEC	$0	$0	$0	$132,127	$132,127	$0	$132,127
24									
25	Total Operating Revenue Deductions		$464,532,229	($241,207,855)	$223,324,374	$10,769,629	$234,094,003	$180,063	$234,274,066
26									
27	Operating Income Before Income Taxes		$138,060,652	($82,050,604)	$56,010,048	($11,012,108)	$44,997,940	$13,640,168	$58,638,108
28									
29	Income Taxes	Schedule 10-ELEC					$5,032,137	$2,864,435	$7,896,572
30									
31	Operating Income After Income Taxes						$39,965,803	$10,775,733	$50,741,536
32									
33	Rate Base	Schedule 11-ELEC					$727,999,079		$727,999,079
34									
35	Rate of Return						5.49%	Line 31(e) / Line 33(e)	
36									
37									
38						Revenue Deficiency			
39						Earned Rate of Return	5.49%	Line 35 (e)	
40						Rate Year Required Rate of Return	6.97%	Page 4, Line 9 (c)	
41						Rate of Return Deficiency	1.48%	Line 40 - Line 39	
42						Rate Base	$727,999,079	Line 33 (e)	
43						Net Operating Income Deficiency	$10,775,733		
44						Gross Revenue Conversion Factor	1.282533	Line 53	
45						**Revenue Deficiency**	$13,820,231	Line 43 / Line 44	
46									
47						Gross Revenue Conversion Factor			
48						Gross Revenue	1.000000		
49						Uncollectible expense	(0.013029)	Schedule 22, Page 6, Line 15	
50						Revenue net of Uncollectibles	0.986971		
51						Composite income tax rate	(0.20726)	Line 50 x (- 21%)	
52						Net income effect of 1.000 Revenue	0.779707	Line 50 + Line 51	
53						Gross Revenue Conversion Factor	1.2825328	1 / Line 52	

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Electric Operations Income and Revenue Deficiency Summary
For Rate Year Ending August 31, 2019 to Rate Year Ending August 31, 2020

Line		Schedule Reference	Rate Year Ending August 31, 2019	Reflect Conditions in the Rate Year	Rate Year Ending August 31, 2020	Base Revenue Increase Required	Rate Year Ending August 31, 2020 with Base Revenue Requirement
			(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)
1	Revenues	Schedule 2-ELEC	$292,912,174	$0	$292,912,174	$3,589,560	$296,501,734
2							
3	Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0	$0	$0	$0
4							
5	Net Distribution Revenues		$292,912,174	$0	$292,912,174	$3,589,560	$296,501,734
6							
7	Operation & Maintenance Expenses	Schedule 3	$148,402,512	$2,488,420	$150,890,932	$46,768	$150,937,701
8							
9	Amortization of Regulatory Deferrals	Schedule 4-ELEC	$471,908	$0	$471,908	$0	$471,908
10							
11	Amortization of Utility Plant	Schedule 5-ELEC	$0	$0	$0	$0	$0
12							
13	Depreciation	Schedule 6-ELEC	$50,128,332	$879,921	$51,008,253	$0	$51,008,253
14							
15	Municipal Taxes	Schedule 7-ELEC	$30,530,258	$0	$30,530,258	$0	$30,530,258
16							
17	Payroll Taxes	Schedule 8	$4,154,522	$108,881	$4,263,404	$0	$4,263,404
18							
19	Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0
20							
21	Other Taxes	Schedule 9	$454,406	$12,087	$466,493	$0	$466,493
22							
23	Interest on Customer Deposits	Workpaper 2-ELEC	$132,127	$172,340	$304,467	$0	$304,467
24							
25	Total Operating Revenue Deductions		$234,274,066	$3,661,649	$237,935,715	$46,768	$237,982,484
26							
27	Operating Income Before Income Taxes		$58,638,108	($3,661,649)	$54,976,459	$3,542,791	$58,519,250
28							
29	Income Taxes	Schedule 10-ELEC			$7,122,979	$743,986	$7,866,965
30							
31	Operating Income After Income Taxes				$47,853,480	$2,798,805	$50,652,285
32							
33	Rate Base	Schedule 11-ELEC			$726,718,582		$726,718,582
34							
35	Rate of Return				6.58%	Line 31(c) / Line 33(c)	
36							
37							
38				Revenue Deficiency			
39				Earned Rate of Return	6.58%	Line 35 (c)	
40				Rate Year Required Rate of Return	6.97%	Page 4, Line 9 (c)	
41				Rate of Return Deficiency	0.39%	Line 40 - Line 39	
42				Rate Base	$726,718,582	Line 33 (c)	
43				Net Operating Income Deficiency	$2,798,805		
44				Gross Revenue Conversion Factor	1.282533	Line 53	
45				**Revenue Deficiency**	$3,589,560	Line 43 / Line 44	
46							
47				Gross Revenue Conversion Factor			
48				Gross Revenue	1.000000		
49				Uncollectible expense	(0.013029)	Schedule 22, Page 6, Line 15	
50				Revenue net of Uncollectibles	0.986971		
51				Composite income tax rate	(0.20726)	Line 50 x (- 21%)	
52				Net income effect of 1.000 Revenue	0.779707	Line 50 + Line 51	
53				Gross Revenue Conversion Factor	1.2825328	1 / Line 52	

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Electric Operations Income and Revenue Deficiency Summary
For Rate Year Ending August 31, 2020 to Rate Year Ending August 31, 2021

Line		Schedule Reference	Rate Year Ending August 31, 2021 (a)	Reflect Conditions in the Rate Year (b)	Rate Year Ending August 31, 2021 Adjusted (c) = (a) + (b)	Base Revenue Increase Required (d)	Rate Year Ending August 31, 2021 with Base Revenue Requirement (e) = (c) + (d)
1	Revenues	Schedule 2-ELEC	$296,501,734	$0	$296,501,734	$2,265,405	$298,767,139
2							
3	Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0	$0	$0	$0
4							
5	Net Distribution Revenues		$296,501,734	$0	$296,501,734	$2,265,405	$298,767,139
6							
7	Operation & Maintenance Expenses	Schedule 3	$150,937,701	$2,110,003	$153,047,704	$29,516	$153,077,220
8							
9	Amortization of Regulatory Deferrals	Schedule 4-ELEC	$471,908	$0	$471,908	$0	$471,908
10							
11	Amortization of Utility Plant	Schedule 5-ELEC	$0	$0	$0	$0	$0
12							
13	Depreciation	Schedule 6-ELEC	$51,008,253	$44,250	$51,052,503	$0	$51,052,503
14							
15	Municipal Taxes	Schedule 7-ELEC	$30,530,258	$0	$30,530,258	$0	$30,530,258
16							
17	Payroll Taxes	Schedule 8	$4,263,404	$85,155	$4,348,558	$0	$4,348,558
18							
19	Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0
20							
21	Other Taxes	Schedule 9	$466,493	$11,336	$477,829	$0	$477,829
22							
23	Interest on Customer Deposits	Workpaper 2-ELEC	$304,467	($4,308)	$300,158	$0	$300,158
24							
25	Total Operating Revenue Deductions		$237,982,484	$2,246,435	$240,228,919	$29,516	$240,258,435
26							
27	Operating Income Before Income Taxes		$58,519,250	($2,246,435)	$56,272,815	$2,235,890	$58,508,705
28							
29	Income Taxes	Schedule 10-ELEC			$7,395,817	$469,537	$7,865,354
30							
31	Operating Income After Income Taxes				$48,876,998	$1,766,353	$50,643,351
32							
33	Rate Base	Schedule 11-ELEC			$726,590,403		$726,590,403
34							
35	Rate of Return				6.73%	Line 31(c) / Line 33(c)	
36							
37							

Line			
38	Revenue Deficiency		
39	Earned Rate of Return	6.73%	Line 35 (c)
40	Rate Year Required Rate of Return	6.97%	Page 4, Line 9 (c)
41	Rate of Return Deficiency	0.24%	Line 40 - Line 39
42	Rate Base	$726,590,403	Line 33 (c)
43	Net Operating Income Deficiency	$1,766,353	
44	Gross Revenue Conversion Factor	1.282533	Line 53
45	**Revenue Deficiency**	$2,265,405	Line 43 / Line 44
46			
47	Gross Revenue Conversion Factor		
48	Gross Revenue	1.000000	
49	Uncollectible expense	(0.013029)	Schedule 22, Page 6, Line 15
50	Revenue net of Uncollectibles	0.986971	
51	Composite income tax rate	(0.20726)	Line 50 x (- 21%)
52	Net income effect of 1.000 Revenue	0.779707	Line 50 + Line 51
53	Gross Revenue Conversion Factor	1.2825328	1 / Line 52

The Narragansett Electric Company d/b/a National Grid
Cost of Capital
For Rate Years Ending August 31, 2019, August 31, 2020 and August 31, 2021

	Description	Capital Structure	Cost Rate		Weighted Return	Taxes		Pre-tax Return
		(a)	(b)		(c) = (a) x (b)	(d)		(e) = (c)+(d)
1	Short Term Debt	0.60%	1.76%		0.01%			0.01%
2								
3	Long Term Debt	48.35%	4.62%	(1)	2.23%			2.23%
4								
5	Preferred Stock	0.10%	4.50%		0.00%			0.00%
6								
7	Total Common Equity	50.95%	9.275%		4.73%	1.26%	(2)	5.99%
8								
9	Total Capitalization	100.00%			6.97%	1.26%		8.23%

Notes
(1) Company's Effective Cost of Long Term Debt
(2) Line 3(c) / (1-21%) - Line 3(c)

Column Notes
(a) As referenced in Pre-filed Direct Testimony of Robert B. Hevert, page 2 of 2 Lines 14 through 18

Line Notes
1(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 13
3(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 4
5(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 10
7(b) Based on Settlement

Schedule-1-GAS

Revenue Requirement – Gas

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Gas Operations Income and Revenue Deficiency Summary
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019

Line		Schedule Reference	Test Year Ended June 30, 2017	Normalizing Adjustments	Test Year Ended June 30, 2017 Adjusted	Proforma Adjustments	Rate Year Ending August 31, 2019	Base Revenue Increase Required	Rate Year Ending August 31, 2019 with Base Revenue Requirement
			(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)	(f)	(g) = (e) + (f)
1	Revenues	Schedule 2-GAS	$377,158,225	($199,714,435)	$177,443,790	$35,367,585	$212,811,375	$5,406,052	$218,217,426
2									
3	Purchased Power & Other Reconciling Expense	Schedule 3	$136,269,302	($136,269,302)	$0	$0	$0	$0	$0
4									
5	Net Distribution Revenues		$240,888,923	($63,445,133)	$177,443,790	$35,367,585	$212,811,375	$5,406,052	$218,217,426
6									
7	Operation & Maintenance Expenses	Schedule 3	$115,479,365	($28,084,501)	$87,394,863	($2,066,493)	$85,328,370	$103,117	$85,431,487
8									
9	Amortization of Regulatory Deferrals	Schedule 4-GAS	$705,953	$1,309,738	$2,015,691	($438,475)	$1,577,216	$0	$1,577,216
10									
11	Amortization of Utility Plant	Schedule 5-GAS	$1,874,224	$106,546	$1,980,770	($1,554,586)	$426,184	$0	$426,184
12									
13	Depreciation	Schedule 6-GAS	$33,311,851	($15,649)	$33,296,202	$5,840,707	$39,136,909	$0	$39,136,909
14									
15	Municipal Taxes	Schedule 7-GAS	$22,542,352	($453,318)	$22,089,035	$4,780,420	$26,869,455	$0	$26,869,455
16									
17	Payroll Taxes	Schedule 8	($1,294,241)	$3,762,248	$2,468,007	$192,382	$2,660,389	$0	$2,660,389
18									
19	Gross Receipts Taxes	Schedule 9	$11,166,309	($11,166,309)	$0	$0	$0	$0	$0
20									
21	Other Taxes	Schedule 9	$217,464	$0	$217,464	$10,069	$227,533	$0	$227,533
22									
23	Interest on Customer Deposits	Workpaper 2-GAS	$0	$0	$0	$35,184	$35,184	$0	$35,184
24									
25	Total Operating Revenue Deductions		$184,003,277	($34,541,245)	$149,462,033	$6,799,208	$156,261,241	$103,117	$156,364,358
26									
27	Operating Income Before Income Taxes		$56,885,646	($28,903,888)	$27,981,757	$28,568,377	$56,550,134	$5,302,935	$61,853,069
28									
29	Income Taxes	Schedule 10-GAS					$6,374,189	$1,113,616	$7,487,805
30									
31	Operating Income After Income Taxes						$50,175,945	$4,189,318	$54,365,263
32									
33	Rate Base	Schedule 11-GAS					$760,353,334		$760,353,334
34									
35	Rate of Return						6.60%	Line 31(e) / Line 33(e)	
36									
37									
38						Revenue Deficiency			
39						Earned Rate of Return	6.60%	Line 35 (e)	
40						Rate Year Required Rate of Return	7.15%	Page 4, Line 9 (c)	
41						Rate of Return Deficiency	0.55%	Line 40 - Line 39	
42						Rate Base	$760,353,334	Line 33 (e)	
43						Net Operating Income Deficiency	$4,189,318		
44						Gross Revenue Conversion Factor	1.290437	Line 53	
45						**Revenue Deficiency**	$5,406,052	Line 43 / Line 44	
46									
47						Gross Revenue Conversion Factor			
48						Gross Revenue	1.000000		
49						Uncollectible expense	(0.019074)	Schedule 22, Page 7, Line 15	
50						Revenue net of Uncollectibles	0.980926		
51						Composite income tax rate	(0.20599)	Line 50 x (- 21%)	
52						Net income effect of 1.000 Revenue	0.774931	Line 50 + Line 51	
53						Gross Revenue Conversion Factor	1.2904371	1 / Line 52	

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Gas Operations Income and Revenue Deficiency Summary
For Rate Year Ending August 31, 2019 to Rate Year Ending August 31, 2020

		Schedule Reference	Rate Year Ending August 31, 2019	Reflect Conditions in the Rate Year	Rate Year Ending August 31, 2020	Base Revenue Increase Required	Rate Year Ending August 31, 2020 with Base Revenue Requirement
			(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)
1	Revenues	Schedule 2-GAS	$218,217,426	$0	$218,217,426	$5,697,817	$223,915,243
2							
3	Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0	$0	$0	$0
4							
5	Net Distribution Revenues		$218,217,426	$0	$218,217,426	$5,697,817	$223,915,243
6							
7	Operation & Maintenance Expenses	Schedule 3	$85,431,487	$2,496,823	$87,928,310	$108,682	$88,036,992
8							
9	Amortization of Regulatory Deferrals	Schedule 4-GAS	$1,577,216	$0	$1,577,216	$0	$1,577,216
10							
11	Amortization of Utility Plant	Schedule 5-GAS	$426,184	$0	$426,184	$0	$426,184
12							
13	Depreciation	Schedule 6-GAS	$39,136,909	$1,924,745	$41,061,654	$0	$41,061,654
14							
15	Municipal Taxes	Schedule 7-GAS	$26,869,455	$0	$26,869,455	$0	$26,869,455
16							
17	Payroll Taxes	Schedule 8	$2,660,389	$74,617	$2,735,007	$0	$2,735,007
18							
19	Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0
20							
21	Other Taxes	Schedule 9	$227,533	$6,052	$233,585	$0	$233,585
22							
23	Interest on Customer Deposits	Workpaper 2-GAS	$35,184	$45,892	$81,076	$0	$81,076
24							
25	Total Operating Revenue Deductions		$156,364,358	$4,548,129	$160,912,487	$108,682	$161,021,169
26							
27	Operating Income Before Income Taxes		$61,853,069	($4,548,129)	$57,304,939	$5,589,135	$62,894,074
28							
29	Income Taxes	Schedule 10-GAS			$6,469,772	$1,173,718	$7,643,491
30							
31	Operating Income After Income Taxes				$50,835,167	$4,415,416	$55,250,584
32							
33	Rate Base	Schedule 11-GAS			$772,735,434		$772,735,434
34							
35	Rate of Return				6.58%	Line 31(c) / Line 33(c)	
36							
37							
38				Revenue Deficiency			
39				Earned Rate of Return	6.58%	Line 35 (c)	
40				Rate Year Required Rate of Return	7.15%	Page 4, Line 9 (c)	
41				Rate of Return Deficiency	0.57%	Line 40 - Line 39	
42				Rate Base	$772,735,434	Line 33 (c)	
43				Net Operating Income Deficiency	$4,415,416		
44				Gross Revenue Conversion Factor	1.290437	Line 53	
45				**Revenue Deficiency**	$5,697,817	Line 43 / Line 44	
46							
47				Gross Revenue Conversion Factor			
48				Gross Revenue	1.000000		
49				Uncollectible expense	(0.019074)	Schedule 22, Page 7, Line 15	

The Narragansett Electric Company d/b/a National Grid
Illustrative Statement of Gas Operations Income and Revenue Deficiency Summary
For Rate Year Ending August 31, 2020 to Rate Year Ending August 31, 2021

		Schedule Reference	Rate Year Ending August 31, 2020	Reflect Conditions in the Rate Year	Rate Year Ending August 31, 2020 Adjusted	Base Revenue Increase Required	Rate Year Ending August 31, 2021 with Base Revenue Requirement
			(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)
1	Revenues	Schedule 2-GAS	$223,915,243	$0	$223,915,243	$3,333,854	$227,249,097
2							
3	Purchased Power & Other Reconciling Expense	Schedule 3	$0	$0	$0	$0	$0
4							
5	Net Distribution Revenues		$223,915,243	$0	$223,915,243	$3,333,854	$227,249,097
6							
7	Operation & Maintenance Expenses	Schedule 3	$88,036,992	$1,334,789	$89,371,781	$63,591	$89,435,372
8							
9	Amortization of Regulatory Deferrals	Schedule 4-GAS	$1,577,216	$0	$1,577,216	$0	$1,577,216
10							
11	Amortization of Utility Plant	Schedule 5-GAS	$426,184	$0	$426,184	$0	$426,184
12							
13	Depreciation	Schedule 6-GAS	$41,061,654	$608,784	$41,670,438	$0	$41,670,438
14							
15	Municipal Taxes	Schedule 7-GAS	$26,869,455	$0	$26,869,455	$0	$26,869,455
16							
17	Payroll Taxes	Schedule 8	$2,735,007	$55,631	$2,790,638	$0	$2,790,638
18							
19	Gross Receipts Taxes	Schedule 9	$0	$0	$0	$0	$0
20							
21	Other Taxes	Schedule 9	$233,585	$5,676	$239,261	$0	$239,261
22							
23	Interest on Customer Deposits	Workpaper 2-GAS	$81,076	($1,147)	$79,929	$0	$79,929
24							
25	Total Operating Revenue Deductions		$161,021,169	$2,003,733	$163,024,902	$63,591	$163,088,493
26							
27	Operating Income Before Income Taxes		$62,894,074	($2,003,733)	$60,890,341	$3,270,263	$64,160,604
28							
29	Income Taxes	Schedule 10-GAS			$7,146,149	$686,755	$7,832,904
30							
31	Operating Income After Income Taxes				$53,744,193	$2,583,507	$56,327,700
32							
33	Rate Base	Schedule 11-GAS			$787,800,004		$787,800,004
34							
35	Rate of Return				6.82%	Line 31(c) / Line 33(c)	
36							
37							

38	Revenue Deficiency		
39	Earned Rate of Return	6.82%	Line 35 (c)
40	Rate Year Required Rate of Return	7.15%	Page 4, Line 9 (c)
41	Rate of Return Deficiency	0.33%	Line 40 - Line 39
42	Rate Base	$787,800,004	Line 33 (c)
43	Net Operating Income Deficiency	$2,583,507	
44	Gross Revenue Conversion Factor	1.290437	Line 53
45	**Revenue Deficiency**	$3,333,854	Line 43 / Line 44
46			
47	Gross Revenue Conversion Factor		
48	Gross Revenue	1.000000	
49	Uncollectible expense	(0.019074)	Schedule 22, Page 7, Line 15
50	Revenue net of Uncollectibles	0.980926	
51	Composite income tax rate	(0.20599)	Line 50 x (- 21%)
52	Net income effect of 1.000 Revenue	0.774931	Line 50 + Line 51
53	Gross Revenue Conversion Factor	1.2904371	1 / Line 52

The Narragansett Electric Company d/b/a National Grid
Cost of Capital
For the Rate Years Ending August 31, 2019, August 31, 2020 and August 31, 2021

	Description	Capital Structure	Cost Rate	Weighted Return	Taxes	Pre-tax Return
		(a)	(b)	(c) = (a) x (b)	(d)	(e) = (c)+(d)
1	Short Term Debt	0.60%	1.76%	0.01%		0.01%
2						
3	Long Term Debt	48.35%	4.98% (1)	2.41%		2.41%
4						
5	Preferred Stock	0.10%	4.50%	0.00%		0.00%
6						
7	Total Common Equity	50.95%	9.275%	4.73%	1.26% (2)	5.99%
8						
9	Total Capitalization	100.00%		7.15%	1.26%	8.41%

Notes
(1) Company's Effective Cost of Long Term Debt
(2) Line 3(c) / (1 - 21%) - Line 3(c)

Column Notes
(a) As referenced in Pre-filed Direct Testimony of Robert B. Hevert, page 2 of 2 Lines 14 through 18

Line Notes
1(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 13
3(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 4
5(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 78 of 93 Line 10
7(b) As referenced in Pre-filed Direct Testimony of Robert B. Hevert,, page 83 of 93 Line 13

Schedule-3

Operation & Maintenance Expense Summary

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Summary (ELECTRIC & GAS)

		Schedule Reference	Test Year Ended June 30, 2017(Per Books)			Normalizing Adjustments			Test Year Ended June 30, 2017(as Adjusted)		
			Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
			(a) = (b) + (c)	(b)	(c)	(d) = (e) + (f)	(e)	(f)	(g) = (h) + (i)	(h) = (b) + (e)	(i) = (c) + (f)
	Operation & Maintenance Expenses:										
1	Labor	Schedule 12	$90,778,557	$54,756,249	$36,022,308	($16,463,419)	($10,639,332)	($5,824,087)	$74,315,139	$44,116,917	$30,198,221
2	Health Care	Schedule 13	$12,341,700	$7,901,703	$4,439,997	($1,217,312)	($1,214,503)	($2,810)	$11,124,388	$6,687,200	$4,437,188
3	Group Life Insurance	Schedule 14	$930,683	$579,702	$350,981	($92,905)	($92,745)	($160)	$837,778	$486,957	$350,821
4	Thrift Plan	Schedule 15	$3,865,292	$2,489,542	$1,375,749	($407,946)	($406,993)	($954)	$3,457,345	$2,082,550	$1,374,796
5	FAS 112 / ASC 712	Schedule 16	($572,522)	($333,759)	($238,762)	$572,522	$333,759	$238,762	($0)	($0)	($0)
6	Service Company Rents	Schedule 17	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
7	Joint Facilities	Schedule 18	$1,579,848	$1,018,396	$561,452	$100,328	$106,159	($5,831)	$1,680,176	$1,124,555	$555,621
8	Uninsured Claims	Schedule 19	$1,648,059	$801,565	$846,495	($124,043)	($123,909)	($134)	$1,524,017	$677,655	$846,361
9	Insurance Premium	Schedule 20	$2,926,210	$2,097,226	$828,984	($286,481)	($286,481)	$0	$2,639,729	$1,810,745	$828,984
10	Regulatory Assessment Fees	Schedule 21	$6,862,284	$4,964,621	$1,897,662	($678,167)	($678,167)	$0	$6,184,116	$4,286,454	$1,897,662
11	Uncollectible Accounts	Schedule 22	$12,978,156	$8,952,665	$4,025,491	($3,294,644)	($4,987,981)	$1,693,337	$9,683,512	$3,964,684	$5,718,828
12	Postage	Schedule 23	$3,780,429	$2,460,952	$1,319,478	($24,107)	($16,697)	($7,410)	$3,756,323	$2,444,255	$1,312,068
13	Strike Contingency	Schedule 24	$8,194	$8,194	$0	$0	$0	$0	$8,194	$8,194	$0
14	Environmental Response Fund	Schedule 25	$3,078,000	$3,078,000	$0	$0	$0	$0	$3,078,000	$3,078,000	$0
15	Paperless Bill Credit	Schedule 26	$0	$0	$0	$816,516	$551,281	$265,235	$816,516	$551,281	$265,235
16	PBOP	Schedule 27	$7,914,078	$5,421,584	$2,492,494	($740,588)	($740,588)	$0	$7,173,490	$4,680,995	$2,492,494
17	Pension	Schedule 28	$22,239,834	$14,856,485	$7,383,350	($2,190,304)	($2,190,304)	$0	$20,049,530	$12,666,181	$7,383,350
18	Energy Efficiency Program	Schedule 29	$97,169,672	$73,467,743	$23,701,929	($97,169,672)	($73,467,743)	($23,701,929)	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$86,785,496	$59,391,324	$27,394,172	($23,893,332)	($22,373,643)	($1,519,689)	$62,892,164	$37,017,681	$25,874,483
20	Storm Cost Recovery	Schedule 31	$7,338,972	$7,338,972	$0	($27,840)	($27,840)	$0	$7,311,132	$7,311,132	$0
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$1,132,067	$0	$1,132,067	$1,132,067	$0	$1,132,067
22	NEP IFA Credit	Schedule 33	($138,452,360)	($138,452,360)	$0	$138,452,360	$138,452,360	$0	$0	$0	$0
23	Wheeling	Schedule 34	$179,791,010	$179,791,010	$0	($179,791,010)	($179,791,010)	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$0	$0	$0	$0	$0	$0	$0	$0	$0
25	Gas Business Enablement	Schedule 36	$0	$0	$0	$0	$0	$0	$0	$0	$0
26	Electric Operations	Schedule 37	$0	$0	$0	$0	$0	$0	$0	$0	$0
27	Gas Operations	Schedule 38	$0	$0	$0	$0	$0	$0	$0	$0	$0
28	Customer Affordability Program	Schedule 39	$0	$0	$0	$0	$0	$0	$0	$0	$0
29	Sub Total		$420,054,545	$304,575,180	$115,479,365	($192,323,257)	($164,238,756)	($28,084,501)	$227,731,287	$140,336,424	$87,394,863
30											
31	Purchased Power/ Purchased Gas	Schedule 40	$440,524,701	$304,255,398	$136,269,302	($440,524,701)	($304,255,398)	($136,269,302)	$0	$0	$0
32											
33	Sub Total		$440,524,701	$304,255,398	$136,269,302	($440,524,701)	($304,255,398)	($136,269,302)	$0	$0	$0
34											
35	TOTAL		$860,579,245	$608,830,578	$251,748,667	($632,847,958)	($468,494,154)	($164,353,804)	$227,731,287	$140,336,424	$87,394,863
			($0)	($0)	$0	$0	($0)	$0	$0	$0	$0

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Summary (ELECTRIC & GAS)

		Schedule Reference	Test Year Ended June 30, 2017(as Adjusted)			Proforma Adjustments			Rate Year Ending August 31, 2019		
			Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
			(a) = (b) + (c)	(b)	(c)	(d) = (e) + (f)	(e)	(f)	(g) = (h) + (i)	(h) = (b) + (e)	(i) = (c) + (f)
	Operation & Maintenance Expenses:										
1	Labor	Schedule 12	$74,315,139	$44,116,917	$30,198,221	$9,824,987	$6,692,369	$3,132,619	$84,140,126	$50,809,286	$33,330,840
2	Health Care	Schedule 13	$11,124,388	$6,687,200	$4,437,188	($392,792)	($295,776)	($97,016)	$10,731,596	$6,391,424	$4,340,172
3	Group Life Insurance	Schedule 14	$837,778	$486,957	$350,821	$148,107	$73,691	$74,416	$985,884	$560,647	$425,237
4	Thrift Plan	Schedule 15	$3,457,345	$2,082,550	$1,374,796	$458,489	$315,923	$142,566	$3,915,834	$2,398,472	$1,517,362
5	FAS 112 / ASC 712	Schedule 16	($0)	($0)	($0)	$0	$0	$0	($0)	($0)	($0)
6	Service Company Rents	Schedule 17	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
7	Joint Facilities	Schedule 18	$1,680,176	$1,124,555	$555,621	$77,792	$52,067	$25,725	$1,757,968	$1,176,621	$581,346
8	Uninsured Claims	Schedule 19	$1,524,017	$677,655	$846,361	$955,618	$1,162,517	($206,899)	$2,479,635	$1,840,172	$639,463
9	Insurance Premium	Schedule 20	$2,639,729	$1,810,745	$828,984	$373,090	$280,149	$92,940	$3,012,818	$2,090,894	$921,924
10	Regulatory Assessment Fees	Schedule 21	$6,184,116	$4,286,454	$1,897,662	$0	$0	$0	$6,184,116	$4,286,454	$1,897,662
11	Uncollectible Accounts	Schedule 22	$9,683,512	$3,964,684	$5,718,828	($2,164,572)	$157,586	($2,322,158)	$7,518,940	$4,122,270	$3,396,670
12	Postage	Schedule 23	$3,756,323	$2,444,255	$1,312,068	$173,918	$113,169	$60,749	$3,930,240	$2,557,424	$1,372,817
13	Strike Contingency	Schedule 24	$8,194	$8,194	$0	$379	$379	$0	$8,573	$8,573	$0
14	Environmental Response Fund	Schedule 25	$3,078,000	$3,078,000	$0	$0	$0	$0	$3,078,000	$3,078,000	$0
15	Paperless Bill Credit	Schedule 26	$816,516	$551,281	$265,235	$0	$0	$0	$816,516	$551,281	$265,235
16	PBOP	Schedule 27	$7,173,490	$4,680,995	$2,492,494	($3,582,582)	$134,937	($3,717,518)	$3,590,908	$4,815,932	($1,225,024)
17	Pension	Schedule 28	$20,049,530	$12,666,181	$7,383,350	($10,775,306)	($6,665,307)	($4,110,000)	$9,274,224	$6,000,874	$3,273,350
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$62,892,164	$37,017,681	$25,874,483	$1,589,701	$863,146	$726,555	$64,481,865	$37,880,827	$26,601,038
20	Storm Cost Recovery	Schedule 31	$7,311,132	$7,311,132	$0	($287,406)	($287,406)	$0	$7,023,726	$7,023,726	$0
21	Gas Commodity OM	Schedule 32	$1,132,067	$0	$1,132,067	($1,132,067)	$0	($1,132,067)	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$0	$0	$0	$287,379	$186,193	$101,186	$287,379	$186,193	$101,186
25	Gas Business Enablement	Schedule 36	$0	$0	$0	$3,329,316	$482,041	$2,847,275	$3,329,316	$482,041	$2,847,275
26	Electric Operations	Schedule 37	$0	$0	$0	$611,550	$611,550	$0	$611,550	$611,550	$0
27	Gas Operations	Schedule 38	$0	$0	$0	$1,032,482	$0	$1,032,482	$1,032,482	$0	$1,032,482
28	Customer Affordability Program	Schedule 39	$0	$0	$0	$906,337	$613,623	$292,714	$906,337	$613,623	$292,714
29	Sub Total		$227,731,287	$140,336,424	$87,394,863	$5,819,532	$7,886,026	($2,066,493)	$233,550,820	$148,222,449	$85,328,370
30											
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0	$0	$0	$0	$0
32											
33	Sub Total		$0	$0	$0	$0	$0	$0	$0	$0	$0
34											
35	TOTAL		$227,731,287	$140,336,424	$87,394,863	$5,819,532	$7,886,026	($2,066,493)	$233,550,820	$148,222,449	$85,328,370
			$0	$0	$0	($0)	($0)	$0	$0	$0	$0

Column Notes
(b) Column (h)
(c) Column (i)

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Summary (ELECTRIC & GAS)

		Schedule Reference	Rate Year Ending August 31, 2019 Electric (a)	Adjustments to Reflect Conditions in Rate Year Electric (b)	Rate Year Ending August 31, 2020 Electric (c) = (a) + (b)	Adjustments to Reflect Conditions in Rate Year Electric (d)	Rate Year Ending August 31, 2021 Electric (e) = (c) + (d)
	Operation & Maintenance Expenses:						
1	Labor	Schedule 12	$50,809,286	$1,824,395	$52,633,681	$1,593,433	$54,227,114
2	Health Care	Schedule 13	$6,391,424	$229,452	$6,620,876	$200,613	$6,821,489
3	Group Life Insurance	Schedule 14	$560,647	$35,040	$595,688	$32,525	$628,212
4	Thrift Plan	Schedule 15	$2,398,472	$86,105	$2,484,577	$75,283	$2,559,860
5	FAS 112 / ASC 712	Schedule 16	($0)	$0	($0)	$0	($0)
6	Service Company Rents	Schedule 17	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
7	Joint Facilities	Schedule 18	$1,176,621	$31,298	$1,207,920	$29,353	$1,237,272
8	Uninsured Claims	Schedule 19	$1,840,172	$48,949	$1,889,121	$45,906	$1,935,026
9	Insurance Premium	Schedule 20	$2,090,894	$55,618	$2,146,512	$52,160	$2,198,672
10	Regulatory Assessment Fees	Schedule 21	$4,286,454	$0	$4,286,454	$0	$4,286,454
11	Uncollectible Accounts	Schedule 22	$4,122,270	$180,063	$4,302,333	$46,768	$4,349,101
12	Postage	Schedule 23	$2,557,424	$68,027	$2,625,451	$63,798	$2,689,250
13	Strike Contingency	Schedule 24	$8,573	$228	$8,801	$214	$9,015
14	Environmental Response Fund	Schedule 25	$3,078,000	$0	$3,078,000	$0	$3,078,000
15	Paperless Bill Credit	Schedule 26	$551,281	$0	$551,281	$0	$551,281
16	PBOP	Schedule 27	$4,815,932	$0	$4,815,932	$0	$4,815,932
17	Pension	Schedule 28	$6,000,874	($1,158,292)	$4,842,582	($1,086,286)	$3,756,296
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$37,880,827	$1,000,191	$38,881,018	$938,013	$39,819,031
20	Storm Cost Recovery	Schedule 31	$7,023,726	$0	$7,023,726	$0	$7,023,726
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$186,193	($32,395)	$153,798	$0	$153,798
25	Gas Business Enablement	Schedule 36	$482,041	$29,312	$511,352	($16,493)	$494,859
26	Electric Operations	Schedule 37	$611,550	($39,550)	$572,000	$46,083	$618,083
27	Gas Operations	Schedule 38	$0	$0	$0	$0	$0
28	Customer Affordability Program	Schedule 39	$613,623	($70,367)	$543,256	($255,128)	$288,128
29	Sub Total		$148,222,449	$2,668,483	$150,890,932	$2,156,772	$153,047,704
30							
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0
32							
33	Sub Total		$0	$0	$0	$0	$0
34							
35	TOTAL		$148,222,449	$2,668,483	$150,890,932	$2,156,772	$153,047,704
			$0	$0	$0	($0)	$0

Column Notes
(a) Column (h)

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Summary (ELECTRIC & GAS)

		Schedule Reference	Rate Year Ending August 31, 2019 Gas (a)	Adjustments to Reflect Conditions in Rate Year Gas (b)	Rate Year Ending August 31, 2020 Gas (c) = (a) + (b)	Adjustments to Reflect Conditions in Rate Year Gas (d)	Rate Year Ending August 31, 2021 Gas (e) = (c) + (d)
	Operation & Maintenance Expenses:						
1	Labor	Schedule 12	$33,330,840	$1,411,867	$34,742,707	$1,089,746	$35,832,453
2	Health Care	Schedule 13	$4,340,172	$184,023	$4,524,195	$142,060	$4,666,255
3	Group Life Insurance	Schedule 14	$425,237	$29,341	$454,578	$25,320	$479,898
4	Thrift Plan	Schedule 15	$1,517,362	$64,336	$1,581,698	$49,665	$1,631,363
5	FAS 112 / ASC 712	Schedule 16	($0)	$0	($0)	$0	($0)
6	Service Company Rents	Schedule 17	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
7	Joint Facilities	Schedule 18	$581,346	$15,464	$596,810	$14,502	$611,313
8	Uninsured Claims	Schedule 19	$639,463	$17,010	$656,472	$15,952	$672,425
9	Insurance Premium	Schedule 20	$921,924	$24,441	$946,365	$22,328	$968,693
10	Regulatory Assessment Fees	Schedule 21	$1,897,662	$0	$1,897,662	$0	$1,897,662
11	Uncollectible Accounts	Schedule 22	$3,396,670	$103,117	$3,499,787	$108,682	$3,608,469
12	Postage	Schedule 23	$1,372,817	$36,517	$1,409,334	$34,247	$1,443,580
13	Strike Contingency	Schedule 24	$0	$0	$0	$0	$0
14	Environmental Response Fund	Schedule 25	$0	$0	$0	$0	$0
15	Paperless Bill Credit	Schedule 26	$265,235	$0	$265,235	$0	$265,235
16	PBOP	Schedule 27	($1,225,024)	$0	($1,225,024)	$0	($1,225,024)
17	Pension	Schedule 28	$3,273,350	($782,995)	$2,490,355	($732,618)	$1,757,736
18	Energy Efficiency Program	Schedule 29	$0	$0	$0	$0	$0
19	Other Operating and Maintenance Expenses	Schedule 30	$26,601,038	$704,127	$27,305,166	$659,247	$27,964,413
20	Storm Cost Recovery	Schedule 31	$0	$0	$0	$0	$0
21	Gas Commodity OM	Schedule 32	$0	$0	$0	$0	$0
22	NEP IFA Credit	Schedule 33	$0	$0	$0	$0	$0
23	Wheeling	Schedule 34	$0	$0	$0	$0	$0
24	Energy Innovation Hub	Schedule 35	$101,186	($17,605)	$83,581	$0	$83,581
25	Gas Business Enablement	Schedule 36	$2,847,275	$664,720	$3,511,995	$153,248	$3,665,243
26	Electric Operations	Schedule 37	$0	$0	$0	$0	$0
27	Gas Operations	Schedule 38	$1,032,482	($76,782)	$955,700	$0	$955,700
28	Customer Affordability Program	Schedule 39	$292,714	$2,518	$295,232	($138,649)	$156,583
29	Sub Total		$85,328,370	$2,599,940	$87,928,310	$1,443,471	$89,371,781
30							
31	Purchased Power/ Purchased Gas	Schedule 40	$0	$0	$0	$0	$0
32							
33	Sub Total		$0	$0	$0	$0	$0
34							
35	TOTAL		$85,328,370	$2,599,940	$87,928,310	$1,443,471	$89,371,781
			$0	$0	$0	$0	$0

Column Notes
(a) Column (i)

The Narragansett Electric Company d/b/a National Grid
Adjustments to Operating Expenses
Normalizing Adjustments to Other O & M Expenses (ELECTRIC & GAS)

Line		Test Year Ended June 30, 2017 (Per Books)	IFA	Vegetation Management (ISR)	Inspection & Maintenance (ISR)	Parent Company Initiative	Gas Business Enablement (GBE)	Storms	Gas Cost Recovery (GCR)	Other	Total Normalizing Adjustments	Test Year Ended June 30, 2017 (as Adjusted)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) sum (b through i)	(k) = (a)+(j)
1	Test Year Amounts that are Specifically Adjusted:											
2												
3												
4												
5	Operating & Maintenance Expense											
6	Labor	$90,778,557	($8,107,062)	($277,467)	($391,633)	$0	$0	($1,012,529)	($829,823)	($5,844,904)	($16,463,419)	$74,315,138
7	Health Care	$12,341,700	($1,079,373)	$0	($53,188)	$0	$0	($53,705)	$0	($31,047)	($1,217,312)	$11,124,388
8	Group Life Insurance	$930,683	($79,187)	$0	($5,379)	($4,236)	$0	($1,384)	$0	($2,719)	($92,905)	$837,778
9	Thrift Plan	$3,865,292	($340,078)	$0	($14,936)	$0	$0	($14,021)	$0	($38,912)	($407,946)	$3,457,345
10	FAS 112 / ASC 712	($572,522)	$45,592	$0	$2,857	$0	$0	$10,407	$0	$513,666	$572,522	$0
11	Service Company Rents	$17,062,952	($2,543,016)	$0	$0	$0	$0	$0	$0	($4,452,264)	($6,995,280)	$10,067,672
12	Joint Facilities	$1,579,848	$0	$0	$0	$0	$0	$0	$0	$100,328	$100,328	$1,680,176
13	Uninsured Claims	$1,648,059	($109,494)	$0	($5,235)	($4,180)	$0	($2,690)	$0	($2,444)	($124,043)	$1,524,017
14	Insurance Premium	$2,926,210	($286,481)	$0	$0	$0	$0	$0	$0	$0	($286,481)	$2,639,729
15	Regulatory Assessment Fees	$6,862,284	($678,167)	$0	$0	$0	$0	$0	$0	$0	($678,167)	$6,184,116
16	Uncollectible Accounts	$12,978,156	$0	$0	$0	$0	$0	$0	$0	($3,294,644)	($3,294,644)	$9,683,512
17	Postage	$3,780,429	($2,997)	$0	$0	($7)	$0	$0	$0	($21,103)	($24,107)	$3,756,323
18	Strike Contingency	$8,194	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,194
19	Environmental Response Fund	$3,078,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,078,000
20	Paperless Bill Credit	$0	$0	$0	$0	$0	$0	$0	$0	$816,516	$816,516	$816,516
21	PBOP	$7,914,078	($740,588)	$0	$0	$0	$0	$0	$0	$0	($740,588)	$7,173,490
22	Pension	$22,239,834	($2,029,396)	$0	$0	$0	$0	$0	$0	($160,908)	($2,190,304)	$20,049,530
23	Energy Efficiency Program	$97,169,672	$0	$0	$0	$0	$0	$0	$0	($97,169,672)	($97,169,672)	$0
24	Other Operating and Maintenance Expenses	$86,785,496	($8,913,604)	($8,736,983)	($110,171)	($1,231,649)	($1,511,923)	$525,543	($258,832)	($3,655,714)	($23,893,332)	$62,892,164
25	Storm Cost Recovery	$7,338,972	$0	$0	$0	$0	$0	$0	$0	($27,840)	($27,840)	$7,311,132
26	Gas Commodity OM	$0	$0	$0	$0	$0	$0	$0	($43,411)	$1,175,478	$1,132,067	$1,132,067
27	NEP IFA Credit	($138,452,360)	$138,452,360	$0	$0	$0	$0	$0	$0	$0	$138,452,360	$0
28	Wheeling	$179,791,010	$0	$0	$0	$0	$0	$0	$0	($179,791,010)	($179,791,010)	$0
29	Energy Innovation Hub	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
30	Gas Business Enablement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
31	Electric Operations	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
32	Gas Operations	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
33	Customer Affordability Program	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
34	Sub Total Operating & Maintenance Expense	$420,054,545	$113,588,510	($9,014,450)	($577,684)	($1,240,072)	($1,511,923)	($548,378)	($1,132,067)	($291,887,194)	($192,323,258)	$227,731,287
35												
36	Purchased Power/ Purchased Gas	$440,524,701	$0	$0	$0	$0	$0	$0	$0	($440,524,701)	($440,524,701)	$0
37												
38	Sub Total	$440,524,701	$0	$0	$0		$0	$0	$0	($440,524,701)	($440,524,701)	$0
39												
40	TOTAL	$860,579,245	$113,588,510	($9,014,450)	($577,684)		($1,511,923)	($548,378)	($1,132,067)	($732,411,894)	($632,847,958)	$227,731,287
	Check Totals	$860,579,245	$113,588,510	($9,014,450)	($577,685)	($1,240,071)	($1,511,923)	($548,380)	($1,132,067)	($732,411,893)	($632,847,958)	$227,731,287
	Difference	$0	$0	($0)	$0	$0	$0	$1	$0	($2)	($0)	($0)

Column Notes
(a) Page 1, Column (a)

Line Notes
6(b) Schedule 12 Page 5, Lines 2(a) to 4(a)
6(c) Schedule 12 Page 5, Line 5(a)
6(d) Schedule 12 Page 5, Line 6(a) to 8(a)
6(g) Schedule 12 Page 5, Line 21(a) to 23(a)
6(h) Schedule 12 Page 5, Line 28(a) to 30(a)
6(i) Schedule 12 Page 5, Line 9(a) to 20(a) + Line 24(a) + Lines 25(a) to 27(a)
7(b) Schedule 13, Page 5 Lines 2(a) through 4(a)
7(d) Schedule 13, Page 5 Lines 6(a) through 8(a)
7(g) Schedule 13, Page 5 Lines 10(a) through 12(a)
8(b) Schedule 14, Page 5 Lines 2(a) through 4(a)
8(d) Schedule 14, Page 5 Lines 6(a) through 8(a)
8(e) Schedule 14, Page 5 Lines 10(a)
8(g) Schedule 14, Page 5 Lines 12(a) through 14(a)
9(b) Schedule 15, Page 5 Lines 2(a) through 4(a)
9(d) Schedule 15, Page 5 Lines 6(a) through 8(a)
9(g) Schedule 15, Page 5 Lines 12(a) through 14(a)
9(i) Schedule 15, Page 5 Lines 10(a)
10(b) Schedule 16, Page 5 Lines 2(a) through 4(a)
10(d) Schedule 16, Page 5 Lines 6(a) through 8(a)
10(g) Schedule 16, Page 5 Lines 10(a) through 12(a)
10(i) Schedule 16, Page 5 Lines 14(a) through 16(a)
11(b) Schedule 17, Page 5 Lines 7(a) through 8(a)
11(i) Schedule 17, Page 5 Lines 2(a) through 5(a)
13(b) Schedule 19, Page 5 Lines 2(a) through 4(a)
13(d) Schedule 19, Page 5 Lines 5(a) through 7(a)
13(e) Schedule 19, Page 5 Line 8(a)
13(g) Schedule 19, Page 5 Lines 9(a) through 11(a)
14(b) Schedule 20, Page 5 Lines 2(a) through 3(a)
15(b) Schedule 21, Page 5 Lines 2(a)
16(i) Schedule 22, Page 5 Lines 4(a)
17(b) Schedule 23, Page 5 Lines 2(a) through 4(a)
17(i) Schedule 23, Page 5 Lines 8(a) through 11(a)
20(i) Schedule 26, Page 5 Line 3(a)
21(b) Schedule 27, Page 5 Lines 2(a) through 4(a)
22(b) Schedule 28, Page 5 Lines 2(a) through 4(a)
22(i) Schedule 28, Page 5 Line 8(a)
23(i) Schedule 29, Page 5 Lines 2(a) through 3(a)
24(b) Schedule 30, Page 6 Lines 2(b) through 17(b)
24(c) Schedule 30, Page 6 Lines 2(d) through 17(d)
24(d) Schedule 30, Page 6 Lines 2(e) through 17(e)
24(e) Schedule 30, Page 6 Lines 2(f) through 17(f)
24(f) Schedule 30, Page 7 Lines 2(b) through 17(b)
24(g) Schedule 30, Page 6 Lines 2(g) through 17(g)
24(h) Schedule 30, Page 7 Lines 2(c) through 17(c)
24(i) Schedule 30, Page 6 Lines 2(c) through 17(c) + Page 6 Lines 2(h) through 17(h) + Page 7 Lines 2(d) through 17(d)
25(i) Schedule 31, Page 5 Lines 2(a)
26(h) - 26(i) Schedule 32 Page 5, Line 2(a) to Line 14(a)
27(b) Schedule 33 Page 5, Line 9(b)
28(i) Schedule 34 Page 5, Line 2(a) to Line 3(a)

The Narragansett Electric Company d/b/a National Grid
Adjustments to Electric Operating Expenses
Normalizing Adjustments to O & M Expenses (ELECTRIC)

Line		Test Year Ended June 30, 2017 (Per Books) (a)	IFA (b)	Vegetation Management (ISR) (c)	Inspection & Maintenance (ISR) (d)	Parent Company Initiative (e)	Storms (f)	Other (g)	Total Normalizing Adjustments (h) sum (b through g)	Test Year Ended June 30, 2017 (as Adjusted) (i) = (a) + (i)
1	Test Year Amounts that are Specifically Adjusted:									
2										
3										
4										
5	Operating & Maintenance Expense									
6	Labor	$54,756,249	($8,107,062)	($277,467)	($391,633)	$0	($1,012,529)	($850,640.73)	($10,639,332)	$44,116,917
7	Health Care	$7,901,703	($1,079,373)	$0	($53,188)	$0	($53,705)	($28,237)	($1,214,503)	$6,687,200
8	Group Life Insurance	$579,702	($79,187)	$0	($5,379)	($4,236)	($1,384)	($2,559)	($92,745)	$486,957
9	Thrift Plan	$2,489,542	($340,078)	$0	($14,936)	$0	($14,021)	($37,958)	($406,993)	$2,082,550
10	FAS 112 / ASC 712	($333,759)	$45,592	$0	$2,857	$0	$10,407	$274,904	$333,759	$0
11	Service Company Rents	$13,985,369	($2,543,016)	$0	$0	$0	$0	($4,101,365)	($6,644,381)	$7,340,988
12	Joint Facilities	$1,018,396	$0	$0	$0	$0	$0	$106,159	$106,159	$1,124,555
13	Uninsured Claims	$801,565	($109,494)	$0	($5,235)	($4,180)	($2,690)	($2,311)	($123,909)	$677,655
14	Insurance Premium	$2,097,226	($286,481)	$0	$0	$0	$0	$0	($286,481)	$1,810,745
15	Regulatory Assessment Fees	$4,964,621	($678,167)	$0	$0	$0	$0	$0	($678,167)	$4,286,454
16	Uncollectible Accounts	$8,952,665	$0	$0	$0	$0	$0	($4,987,981)	($4,987,981)	$3,964,684
17	Postage	$2,460,952	($2,997)	$0	$0	($7)	$0	($13,693)	($16,697)	$2,444,255
18	Strike Contingency	$8,194	$0	$0	$0	$0	$0	$0	$0	$8,194
19	Environmental Response Fund	$3,078,000	$0	$0	$0	$0	$0	$0	$0	$3,078,000
20	Paperless Bill Credit	$0	$0	$0	$0	$0	$0	$551,281	$551,281	$551,281
21	PBOP	$5,421,584	($740,588)	$0	$0	$0	$0	$0	($740,588)	$4,680,995
22	Pension	$14,856,485	($2,029,396)	$0	$0	$0	$0	($160,908)	($2,190,304)	$12,666,181
23	Energy Efficiency Program	$73,467,743	$0	$0	$0	$0	$0	($73,467,743)	($73,467,743)	$0
24	Other Operating and Maintenance Expenses	$59,391,324	($8,913,604)	($8,736,983)	($110,171)	($1,231,649)	$525,543	($3,906,780)	($22,373,643)	$37,017,681
25	Storm Cost Recovery	$7,338,972	$0	$0	$0	$0	$0	($27,840)	($27,840)	$7,311,132
26	Gas Commodity OM	$0	$0	$0	$0	$0	$0	$0	$0	$0
27	NEP IFA Credit	($138,452,360)	$138,452,360	$0	$0	$0	$0	$0	$138,452,360	$0
28	Wheeling	$179,791,010	$0	$0	$0	$0	$0	($179,791,010)	($179,791,010)	$0
29	Energy Innovation Hub	$0	$0	$0	$0	$0	$0	$0	$0	$0
30	Gas Business Enablement	$0	$0	$0	$0	$0	$0	$0	$0	$0
31	Electric Operations	$0	$0	$0	$0	$0	$0	$0	$0	$0
32	Gas Operations	$0	$0	$0	$0	$0	$0	$0	$0	$0
33	Customer Affordability Program	$0	$0	$0	$0	$0	$0	$0	$0	$0
34	Sub Total Operating & Maintenance Expense	$304,575,180	$113,588,510	($9,014,450)	($577,684)	($1,240,072)	($548,378)	($266,446,682)	($164,238,756)	$140,336,424
35										
36	Purchased Power/ Purchased Gas	$304,255,398	$0	$0	$0	$0	$0	($304,255,398)	($304,255,398)	$0
37										
38	Sub Total	$304,255,398	$0	$0	$0	$0	$0	($304,255,398)	($304,255,398)	$0
39										
40	TOTAL	$608,830,578	$113,588,510	($9,014,450)	($577,684)	($1,240,072)	($548,378)	($570,702,080)	($468,494,155)	$140,336,424
	Check Totals	$608,830,578	$113,588,510	($9,014,450)	($577,685)	($1,240,071)	($548,380)	($570,702,078)	($468,494,154)	$140,336,424
	Difference	$0	$0	$0	$0	$0	$1	($2)	($0)	($0)

Line Notes

6(b) Schedule 12 Page 5, Lines 2(b) to 4(b)
6(c) Schedule 12 Page 5, Line 5(b)
6(d) Schedule 12 Page 5, Line 6(b) to 8(b)
6(f) Schedule 12 Page 5, Line 21(b) to 23(b)
6(g) Schedule 12 Page 5, Line 9(b) to 20(b) + Line 24(b) + Lines 25(b) to 27(b)
7(b) Schedule 13, Page 5 Lines 2(b) through 4(b)
7(d) Schedule 13, Page 5 Lines 6(b) through 8(b)
7(f) Schedule 13, Page 5 Lines 10(b) through 12(b)
8(b) Schedule 14, Page 5 Lines 2(b) through 4(b)
8(d) Schedule 14, Page 5 Lines 6(b) through 8(b)
8(e) Schedule 14, Page 5 Lines 10(b)
8(f) Schedule 14, Page 5 Lines 12(b) through 14(b)
9(b) Schedule 15, Page 5 Lines 2(b) through 4(b)
9(d) Schedule 15, Page 5 Lines 6(b) through 8(b)
9(f) Schedule 15, Page 5 Lines 12(b) through 14(b)
9(g) Schedule 15, Page 5 Lines 10(b)
10(b) Schedule 16, Page 5 Lines 2(b) through 4(b)
10(d) Schedule 16, Page 5 Lines 6(b) through 8(b)
10(f) Schedule 16, Page 5 Lines 10(b) through 12(b)
10(g) Schedule 16, Page 5 Lines 14(b) through 16(b)
11(b) Schedule 17, Page 5 Lines 7(b) through 8(b)
11(g) Schedule 17, Page 5 Lines 2(b) through 5(b)
13(b) Schedule 19, Page 5 Lines 2(b) through 4(b)
13(d) Schedule 19, Page 5 Lines 5(b) through 7(b)
13(e) Schedule 19, Page 5 Line 8(b)
13(f) Schedule 19, Page 5 Lines 9(b) through 11(b)
14(b) Schedule 20, Page 5 Lines 2(b) through 3(b)
15(b) Schedule 21, Page 5 Lines 2(b)
16(g) Schedule 22, Page 5 Lines 4(b)
17(b) Schedule 23, Page 5 Lines 2(b) through 4(b)
17(g) Schedule 23, Page 5 Lines 8(b) through 11(b)
20(g) Schedule 26, Page 5 Line 3(b)
21(b) Schedule 27, Page 5 Lines 2(b) through 4(b)
22(b) Schedule 28, Page 5 Lines 2(b) through 4(b)
22(g) Schedule 28, Page 5 Line 8(b)
23(g) Schedule 29, Page 5 Lines 2(b) through 3(b)
24(b) Schedule 30, Page 6 Lines 2(b) through 17(b)
24(c) Schedule 30, Page 6 Lines 2(d) through 17(d)
24(d) Schedule 30, Page 6 Lines 2(e) through 17(e)
24(e) Schedule 30, Page 6 Lines 2(f) through 17(f)
24(f) Schedule 30, Page 6 Lines 2(g) through 17(g)
24(g) Schedule 30, Page 6, Lines 2(c) through 17(c) + Lines 2(h) through 17(h)
25(g) Schedule 31, Page 5 Lines 2(a)
27(b) Schedule 33 Page 5, Line 9(b)
28(g) Schedule 34 Page 5, Line 2(a) to Line 3(a)

The Narragansett Electric Company d/b/a National Grid
Adjustments to Gas Operating Expenses
Normalizing Adjustments to O & M Expenses (GAS)

Line		Test Year Ended June 30, 2017 (Per Books) (c)	Gas Business Enablement (GBE) (b)	Gas Cost Recovery (GCR) (c)	Other (d)	Total Normalizing Adjustments (e) = (b) + (c) + (d)	Test Year Ended June 30, 2017 (as Adjusted) (f) = (c) + (e)
1	Test Year Amounts that are Specifically Adjusted:						
2							
3							
4							
5	Operating & Maintenance Expense						
6	Labor	$36,022,308	$0	($829,823)	($4,994,264)	($5,824,087)	$30,198,221
7	Health Care	$4,439,997	$0	$0	($2,810)	($2,810)	$4,437,188
8	Group Life Insurance	$350,981	$0	$0	($160)	($160)	$350,821
9	Thrift Plan	$1,375,749	$0	$0	($954)	($954)	$1,374,796
10	FAS 112 / ASC 712	($238,762)	$0	$0	$238,762	$238,762	$0
11	Service Company Rents	$3,077,583	$0	$0	($350,899)	($350,899)	$2,726,684
12	Joint Facilities	$561,452	$0	$0	($5,831)	($5,831)	$555,621
13	Uninsured Claims	$846,495	$0	$0	($134)	($134)	$846,361
14	Insurance Premium	$828,984	$0	$0	$0	$0	$828,984
15	Regulatory Assessment Fees	$1,897,662	$0	$0	$0	$0	$1,897,662
16	Uncollectible Accounts	$4,025,491	$0	$0	$1,693,337	$1,693,337	$5,718,828
17	Postage	$1,319,478	$0	$0	($7,410)	($7,410)	$1,312,068
18	Strike Contingency	$0	$0	$0	$0	$0	$0
19	Environmental Response Fund	$0	$0	$0	$0	$0	$0
20	Paperless Bill Credit	$0	$0	$0	$265,235	$265,235	$265,235
21	PBOP	$2,492,494	$0	$0	$0	$0	$2,492,494
22	Pension	$7,383,350	$0	$0	$0	$0	$7,383,350
23	Energy Efficiency Program	$23,701,929	$0	$0	($23,701,929)	($23,701,929)	$0
24	Other Operating and Maintenance Expenses	$27,394,172	($1,511,923)	($258,832)	$251,065	($1,519,689)	$25,874,483
25	Storm Cost Recovery	$0	$0	$0	$0	$0	$0
26	Gas Commodity OM	$0	$0	($43,411)	$1,175,478	$1,132,067	$1,132,067
27	NEP IFA Credit	$0	$0	$0	$0	$0	$0
28	Wheeling	$0	$0	$0	$0	$0	$0
29	Energy Innovation Hub	$0	$0	$0	$0	$0	$0
30	Gas Business Enablement	$0	$0	$0	$0	$0	$0
31	Electric Operations	$0	$0	$0	$0	$0	$0
32	Gas Operations	$0	$0	$0	$0	$0	$0
33	Customer Affordability Program	$0	$0	$0	$0	$0	$0
34	Sub Total Operating & Maintenance Expense	$115,479,365	($1,511,923)	($1,132,067)	($25,440,512)	($28,084,501)	$87,394,863
35							
36	Purchased Power/ Purchased Gas	$136,269,302	$0	$0	($136,269,302)	($136,269,302)	$0
37							
38	Sub Total	$136,269,302	$0	$0	($136,269,302)	($136,269,302)	$0
39							
40	TOTAL	$251,748,667	($1,511,923)	($1,132,067)	($161,709,815)	($164,353,804)	$87,394,863
	Check Totals	$251,748,667	($1,511,923)	($1,132,067)	($161,709,814)	($164,353,804)	$87,394,863
	Difference	$0	$0	$0	($0)	($0)	($0)

Line Notes

6(c)	Schedule 12 Page 5, Line 28(c) to 30(c)	23(d)	Schedule 29, Page 5 Lines 2(c) through 3(c)
6(d)	Schedule 12 Page 5, Line 6(c) to 8(c)	24(b)	Schedule 30, Page 7 Lines 2(b) through 17(b)
10(d)	Schedule 16, Page 5 Lines 14(c) through 16(c)	24(c)	Schedule 30, Page 7 Lines 2(c) through 17(c)
11(d)	Schedule 17, Page 5 Lines 2(c) through 5(c)	24(d)	Schedule 30, Page 7 Lines 2(d) through 17(d)
16(d)	Schedule 22, Page 5 Lines 4(c)	26(c)	Schedule 32 Page 5, Line 2(a) to Line 14(a)
17(d)	Schedule 23, Page 5 Lines 8(c) through 11(c)	26(d)	Schedule 32 Page 5, Line 2(a) to Line 14(a)
20(d)	Schedule 26, Page 5 Line 3(c)		

The Narragansett Electric Company d/b/a National Grid
Calculation Of Inflation
Occurring Between The Test Year And The Rate Year

Calculation of Inflation Rate:			
	GDP-CTPI [1]	CPI-U [2]	
Index - Midpoint of Test Year June 2017	112.4	242.7	
Index - Midpoint of Rate Year Aug 2019	117.5	254.2	
Increase in Index From Midpoint Of The Test Year To The Midpoint of Rate Year			
Inflation Factor %	**4.52%**	**4.73%**	**4.63%**
Source: Moody's Analytics	2.26%	2.37%	
	GDPIP	CPI	
Index - Midpoint of Rate Year Aug 2019	117.5	254.2	
Index - Midpoint of Rate Year Aug 2020	120.4	261.3	
Increase in Index From Midpoint Of The Test Year To The Midpoint of Rate Year			
Inflation Factor %	**2.50%**	**2.82%**	**2.66%**
Source: Moody's Analytics			
	GDPIP	CPI	
Index - Midpoint of Rate Year Aug 2019	120.4	261.3	
Index - Midpoint of Rate YearAug 2020	123.2	268.0	
Increase in Index From Midpoint Of The Test Year To The Midpoint of Rate Year			
Inflation Factor %	**2.32%**	**2.54%**	**2.43%**

[1] Gross Domestic Product Chain-type Index
[2] LL URBAN Consumer Price Index

Schedule-10-ELEC

Income Taxes– Electric

The Narragansett Electric Company d/b/a National Grid
Electric Income Tax Expense
For the Rate Year Ending August 31, 2019

		Reference	Rate Year Ending August 31, 2019	Revenue Increase Effect	Rate Year Ending August 31, 2019 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-ELEC	$279,091,943	$13,820,231	$292,912,174
2	Expenses	Schedule 1-ELEC	($234,094,003)	($180,063)	($234,274,066)
3	Pre-tax operating income before interest		$44,997,940	$13,640,168	$58,638,108
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-ELEC	$727,999,079		$727,999,079
7	Weighted Debt Component	2.24%	2.24%	2.24%	2.24%
8	Synchronized Interest Expense		$16,307,179		$16,307,179
9					
10	Pre-tax income- State		$28,690,760	$13,640,168	$42,330,928
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$28,690,760	$13,640,168	$42,330,928
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$28,690,760	$13,640,168	$42,330,928
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$6,025,060	$2,864,435	$8,889,495
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		($1,698,039)	$0	($1,698,039)
21	Deferred income tax deficiency from Docket 4065		$650,000	$0	$650,000
22	Amortization of Investment Tax Credits		($4,540)	$0	($4,540)
23	ITC Basis Reduction Depreciation		$15,210	$0	$15,210
24	Equity AFUDC		$0	$0	$0
25	AFUDC Amortization		$44,446	$0	$44,446
26	Normalized State income tax expense		$0	$0	$0
27	Normalized Federal income tax expense		$6,025,060	$2,864,435	$8,889,495
28	Normalized Federal plus State income tax expense revised		$5,032,137	$2,864,435	$7,896,572
29					
30	After-tax income		$39,965,803	$10,775,733	$50,741,536

Line Notes

1	Schedule 1-ELEC, Page 1, Line 1(e) through 1(g)	17	Federal income tax rate
2	Schedule 1-ELEC, Page 1, Line 25(e) through 25(g)	18	Line 16 x Line 17
3	Line 1 + Line 2	19	Line 11 + Line 17 - (Line 11 x Line 17)
6	Schedule 11-ELEC, Page 1, Line 24(c)	20 & 21	Per Tax Dept
7	Schedule 1-ELEC, Page 4, Line 1(c) + Line 3(c)	22	Page 4, Line 7
8	Line 6 x Line 7	23	Per Tax Dept
10	Line 3 - Line 8	24	Per Tax Dept
11	State income tax rate for utilities	25	Per Tax Dept
12	Line 10 x Line 11	26	Equals Line 12
14	Equals Line 10	27	Equals Line 18
15	Less Line 12	28	Sum of Lines 21 through 27
16	Line 14 + Line 15	30	Line 3 - Line 28

The Narragansett Electric Company d/b/a National Grid
Electric Income Tax Expense
For the Rate Year Ending August 31, 2020

		Reference	Rate Year Ending August 31, 2020	Revenue Increase Effect	Rate Year Ending August 31, 2020 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-ELEC	$292,912,174	$3,589,560	$296,501,734
2	Expenses	Schedule 1-ELEC	($237,935,715)	($46,768)	($237,982,484)
3	Pre-tax operating income before interest		$54,976,459	$3,542,791	$58,519,250
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-ELEC	$726,718,582		$726,718,582
7	Weighted Debt Component	2.24%	2.24%	2.24%	2.24%
8	Synchronized Interest Expense		$16,278,496		$16,278,496
9					
10	Pre-tax income- State		$38,697,963	$3,542,791	$42,240,754
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$38,697,963	$3,542,791	$42,240,754
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$38,697,963	$3,542,791	$42,240,754
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$8,126,572	$743,986	$8,870,558
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		($1,698,039)	$0	($1,698,039)
21	Deferred income tax deficiency from Docket 4065		$650,000	$0	$650,000
22	Amortization of Investment Tax Credits		$0	$0	$0
23	ITC Basis Reduction Depreciation		$0	$0	$0
24	Equity AFUDC		$0	$0	$0
25	AFUDC Amortization		$44,446	$0	$44,446
26	Normalized State income tax expense		$0	$0	$0
27	Normalized Federal income tax expense		$8,126,572	$743,986	$8,870,558
28	Normalized Federal plus State income tax expense revised		$7,122,979	$743,986	$7,866,965
29					
30	After-tax income		$47,853,480	$2,798,805	$50,652,285

Line Notes

1	Schedule 1-ELEC, Page 2, Line 1(c) through 1(e)	17	Federal income tax rate
2	Schedule 1-ELEC, Page 2 Line 25(c) through 25(e)	18	Line 16 x Line 17
3	Line 1 + Line 2	19	Line 11 + Line 17 - (Line 11 x Line 17)
6	Schedule 11-ELEC, Page 1, Line 24(d)	20 & 21	Per Tax Dept
7	Schedule 1-ELEC, Page 4, Line 1(c) + Line 3(c)	22	Per Tax Dept
8	Line 6 x Line 7	23	Per Tax Dept
10	Line 3 - Line 8	24	Per Tax Dept
11	State income tax rate for utilities	25	Per Tax Dept
12	Line 10 x Line 11	26	Equals Line 12
14	Equals Line 10	27	Equals Line 18
15	Less Line 12	28	Sum of Lines 21 through 27
16	Line 14 + Line 15	30	Line 3 - Line 28

The Narragansett Electric Company d/b/a National Grid
Electric Income Tax Expense
For the Rate Year Ending August 31, 2021

		Reference	Rate Year Ending August 31, 2021	Revenue Increase Effect	Rate Year Ending August 31, 2021 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-ELEC	$296,501,734	$2,265,405	$298,767,139
2	Expenses	Schedule 1-ELEC	($240,228,919)	($29,516)	($240,258,435)
3	Pre-tax operating income before interest		$56,272,815	$2,235,890	$58,508,705
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-ELEC	$726,590,403		$726,590,403
7	Weighted Debt Component	2.24%	2.24%	2.24%	2.24%
8	Synchronized Interest Expense		$16,275,625		$16,275,625
9					
10	Pre-tax income- State		$39,997,190	$2,235,890	$42,233,080
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$39,997,190	$2,235,890	$42,233,080
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$39,997,190	$2,235,890	$42,233,080
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$8,399,410	$469,537	$8,868,947
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		($1,698,039)	$0	($1,698,039)
21	Deferred income tax deficiency from Docket 4065		$650,000	$0	$650,000
22	Amortization of Investment Tax Credits		$0	$0	$0
23	ITC Basis Reduction Depreciation		$0	$0	$0
24	Equity AFUDC		$0	$0	$0
25	AFUDC Amortization		$44,446	$0	$44,446
26	Normalized State income tax expense		$0	$0	$0
27	Normalized Federal income tax expense		$8,399,410	$469,537	$8,868,947
28	Normalized Federal plus State income tax expense revised		$7,395,817	$469,537	$7,865,354
29					
30	After-tax income		$48,876,998	$1,766,353	$50,643,351

Line Notes

1	Schedule 1-ELEC, Page 3, Line 1(c) through 1(e)	17	Federal income tax rate
2	Schedule 1-ELEC, Page 3, Line 25(c) through 25(e)	18	Line 16 x Line 17
3	Line 1 + Line 2	19	Line 11 + Line 17 - (Line 11 x Line 17)
6	Schedule 11-ELEC, Page 1, Line 24(e)	20 & 21	Per Tax Dept
7	Schedule 1-ELEC, Page 4, Line 1(c) + Line 3(c)	22	Per Tax Dept
8	Line 6 x Line 7	23	Per Tax Dept
10	Line 3 - Line 8	24	Per Tax Dept
11	State income tax rate for utilities	25	Per Tax Dept
12	Line 10 x Line 11	26	Equals Line 12
14	Equals Line 10	27	Equals Line 18
15	Less Line 12	28	Sum of Lines 21 through 27
16	Line 14 + Line 15	30	Line 3 - Line 28

The Narragansett Electric Company d/b/a National Grid
Amortization of Investment Tax Credits
For the Rate Year Ending August 31, 2019

		Total
1	Rate Year Investment Tax Credits	($7,151)
2	Less: Related IFA Expenses	$2,611
3	Rate Year Investment Tax Credits Adjustment	($4,540)

Line Notes

1 Page 5, Line 14
2 Line 5 times 36.52% IFA plant allocator
3 Line 5 + Line 6

The Narragansett Electric Company d/b/a National Grid
Amortization of Investment Tax Credits
For the Rate Year Ending August 31, 2019

		Amortization
1	September 2018	($1,907)
2	October 2018	($1,907)
3	November 2018	($1,907)
4	December 2018	($230)
5	January 2019	($150)
6	February 2019	($150)
7	March 2019	($150)
8	April 2019	($150)
9	May 2019	($150)
10	June 2019	($150)
11	July 2019	($150)
12	August 2019	($150)
13		
14	**Total**	($7,151)

Line Notes

1-12 Per Tax Department
14 Sum of Line 1 thru Line 12

Schedule-10-GAS

Income Taxes – Gas

The Narragansett Electric Company d/b/a National Grid
Gas Income Tax Expense
For the Rate Year Ending August 31, 2019

		Reference	Rate Year Ending August 31, 2019	Revenue Increase Effect	Rate Year Ending August 31, 2019 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-GAS	$212,811,375	$5,406,052	$218,217,426
2	Expenses	Schedule 1-GAS	($156,261,241)	($103,117)	($156,364,358)
3	Pre-tax operating income before interest		$56,550,134	$5,302,935	$61,853,069
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-GAS	$760,353,334		$760,353,334
7	Weighted Debt Component	2.42%	2.42%	2.42%	2.42%
8	Synchronized Interest Expense		$18,400,551		$18,400,551
9					
10	Pre-tax income- State		$38,149,584	$5,302,935	$43,452,518
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$38,149,584	$5,302,935	$43,452,518
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$38,149,584	$5,302,935	$43,452,518
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$8,011,413	$1,113,616	$9,125,029
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		(1,660,293)	$0	($1,660,293)
21	Equity AFUDC		$0	$0	$0
22	AFUDC Amortization		$23,070	$0	$23,070
23	Normalized State income tax expense		$0	$0	$0
24	Normalized Federal income tax expense		$8,011,413	$1,113,616	$9,125,029
25	Normalized Federal plus State income tax expense revised		$6,374,189	$1,113,616	$7,487,805
26					
27	After-tax income		$50,175,945	$4,189,318	$54,365,263

Line Notes

1	Schedule 1-GAS, Page 1, Line 1(e) through 1(g)	16	Line 14 + Line 15
2	Schedule 1-GAS, Page 1, Line 25(e) through 25(g)	17	Federal income tax rate
3	Line 1 + Line 2	18	Line 16 x Line 17
6	Schedule 11-GAS, Page 1, Line 36(c)	19	Line 11 + Line 17 - (Line 11 x Line 17)
7	Schedule 1-GAS, Page 4, Line 1(c) + Line 3(c)	20	Per Tax Dept
8	Line 6 x Line 7	21	Per Tax Dept
10	Line 3 - Line 8	22	Per Tax Dept
11	State income tax rate	23	Equals Line 12
12	Line 10 x Line 11	24	Equals Line 18
14	Equals Line 10	25	Sum of Lines 21 through 25
15	Less Line 12	27	Line 3 - Line 25

The Narragansett Electric Company d/b/a National Grid
Gas Income Tax Expense
For the Rate Year Ending August 31, 2020

		Reference	Rate Year Ending August 31, 2020	Revenue Increase Effect	Rate Year Ending August 31, 2020 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-GAS	$218,217,426	$5,697,817	$223,915,243
2	Expenses	Schedule 1-GAS	($160,912,487)	($108,682)	($161,021,169)
3	Pre-tax operating income before interest		$57,304,939	$5,589,135	$62,894,074
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-GAS	$772,735,434		$772,735,434
7	Weighted Debt Component	2.42%	2.42%	2.42%	2.42%
8	Synchronized Interest Expense		$18,700,198		$18,700,198
9					
10	Pre-tax income- State		$38,604,742	$5,589,135	$44,193,877
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$38,604,742	$5,589,135	$44,193,877
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$38,604,742	$5,589,135	$44,193,877
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$8,106,996	$1,173,718	$9,280,714
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		(1,660,293)	$0	($1,660,293)
21	Equity AFUDC		$0	$0	$0
22	AFUDC Amortization		$23,070	$0	$23,070
23	Normalized State income tax expense		$0	$0	$0
24	Normalized Federal income tax expense		$8,106,996	$1,173,718	$9,280,714
25	Normalized Federal plus State income tax expense revised		$6,469,772	$1,173,718	$7,643,491
26					
27	After-tax income		$50,835,167	$4,415,416	$55,250,584

Line Notes

1	Schedule 1-GAS, Page 2, Line 1(c) through 1(e)	16	Line 14 + Line 15
2	Schedule 1-GAS, Page 2, Line 23(c) through 23(e)	17	Federal income tax rate
3	Line 1 + Line 2	18	Line 16 x Line 17
6	Schedule 11-GAS, Page 1, Line 36(d)	19	Line 11 + Line 17 - (Line 11 x Line 17)
7	Schedule 1-GAS, Page 4, Line 1(c) + Line 3(c)	20	Per Tax Dept
8	Line 6 x Line 7	21	Per Tax Dept
10	Line 3 - Line 8	22	Per Tax Dept
11	State income tax rate	23	Equals Line 12
12	Line 10 x Line 11	24	Equals Line 18
14	Equals Line 10	25	Sum of Lines 21 through 25
15	Less Line 12	27	Line 3 - Line 25

The Narragansett Electric Company d/b/a National Grid
Gas Income Tax Expense
For the Rate Year Ending August 31, 2021

		Reference	Rate Year Ending August 31, 2021	Revenue Increase Effect	Rate Year Ending August 31, 2021 with Revenue Increase
			(a)	(b)	(c)
1	Revenues	Schedule 1-GAS	$223,915,243	$3,333,854	$227,249,097
2	Expenses	Schedule 1-GAS	($163,024,902)	($63,591)	($163,088,493)
3	Pre-tax operating income before interest		$60,890,341	$3,270,263	$64,160,604
4					
5	Synchronized Interest Expense				
6	Rate Base	Schedule 11-GAS	$787,800,004		$787,800,004
7	Weighted Debt Component	2.42%	2.42%	2.42%	2.42%
8	Synchronized Interest Expense		$19,064,760		$19,064,760
9					
10	Pre-tax income- State		$41,825,581	$3,270,263	$45,095,844
11	State statutory tax rate	0.00%	0.00%	0.00%	0.00%
12	Normalized State income tax expense		$0	$0	$0
13					
14	Pre-tax income- State		$41,825,581	$3,270,263	$45,095,844
15	Normalized State income tax expense		$0	$0	$0
16	Pre-tax income- Federal		$41,825,581	$3,270,263	$45,095,844
17	Federal statutory tax rate	21.00%	21.00%	21.00%	21.00%
18	Normalized Federal income tax expense		$8,783,372	$686,755	$9,470,127
19	Effective combined statutory tax rate	21.00%	21.00%	21.00%	21.00%
20	Excess Deferred Tax		(1,660,293)	$0	($1,660,293)
21	Equity AFUDC		$0	$0	$0
22	AFUDC Amortization		$23,070	$0	$23,070
23	Normalized State income tax expense		$0	$0	$0
24	Normalized Federal income tax expense		$8,783,372	$686,755	$9,470,127
25	Normalized Federal plus State income tax expense revised		$7,146,149	$686,755	$7,832,904
26					
27	After-tax income		$53,744,193	$2,583,507	$56,327,700

Line Notes

1	Schedule 1-GAS, Page 3, Line 1(c) - 1(e)	16	Line 14 + Line 15
2	Schedule 1-GAS, Page 3, Line 23(c) - 23(e)	17	Federal income tax rate
3	Line 1 + Line 2	18	Line 16 x Line 17
6	Schedule 11-GAS, Page 1, Line 36(e)	19	Line 11 + Line 17 - (Line 11 x Line 17)
7	Schedule 1, Page 4, Line 1(c) + Line 3(c)	20	Per Tax Dept
8	Line 6 x Line 7	21	Per Tax Dept
10	Line 3 - Line 8	22	Per Tax Dept
11	State income tax rate	23	Equals Line 12
12	Line 10 x Line 11	24	Equals Line 18
14	Equals Line 10	25	Sum of Lines 21 through 25
15	Less Line 12	27	Line 3 - Line 25

Schedule-11-ELEC

Rate Base– Electric

The Narragansett Electric Company d/b/a National Grid
Distribution Rate Base Calculation - Electric
For the Test Year Ended June 30, 2017 and the Rate Year Ending August 31, 2019

				5 Quarter Average		
	Description	Test Year Ended June 30, 2017 (Per Books - 5 Quarter Average)	Adjustments	Rate Year Ending August 31, 2019	Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2021
		(a)	(b)	(c)	(d)	(e)
1	Utility Plant In Service	$1,503,289,331	$98,250,392	$1,601,539,723	$1,602,539,723	$1,604,539,723
2						
3	Property Held for Future Use	$2,496,405	$0	$2,496,405	$2,496,405	$2,496,405
4	Less: Contribution in Aid of Construction	($101,521)	$104,277	$2,756	$2,756	$2,756
5	Less: Accumulated Depreciation	$656,218,763	$32,136,421	$688,355,184	$688,470,384	$688,563,184
6						
7	Net Plant	$849,668,494	$66,009,694	$915,678,188	$916,562,988	$918,470,188
8						
9	Materials and Supplies	$4,750,549	($1,256,873)	$3,493,676	$3,403,498	$3,327,193
10	Prepayments	$742,480	($742,479)	$0	$0	$0
11	Loss on Reacquired Debt	$1,934,554	($533,340)	$1,401,214	$1,244,585	$1,112,052
12	Cash Working Capital	$4,975,475	$13,119,691	$18,095,166	$18,095,166	$18,095,166
13	Unamortized Interest Rate Lock	$2,439,092	($801,086)	$1,638,006	$1,237,463	$898,542
14	Unamortized Debt Issuance Costs $550M	$1,113,997	($212,054)	$901,943	$795,916	$706,200
15	Unamortized Debt Issuance Costs $250M	$945,261	($79,025)	$866,236	$826,723	$793,290
16	Unamortized Debt Issuance Costs $350M	$0	$577,476	$577,476	$511,041	$454,826
17	Subtotal	$16,901,408	$10,072,310	$26,973,718	$26,114,391	$25,387,269
18						
19	Accumulated Deferred FIT	$183,859,681	$21,364,505	$205,224,186	$206,437,856	$207,672,684
20	Accumulated Deferred FIT -Loss on Reacquired Debt	$677,094	($137,021)	$540,073	$509,711	$479,349
21	Customer Deposits	$9,956,664	($1,068,096)	$8,888,568	$9,011,230	$9,115,021
22	Subtotal	$194,493,439	$20,159,388	$214,652,827	$215,958,797	$217,267,054
23						
24	Rate Base	$672,076,463	$55,922,616	$727,999,079	$726,718,582	$726,590,403

Column Notes
(a) Page 2, Column (f)
(b) Column (c) - Column (a)

Line Notes
1(c) Page 6, Line 34
1(d) Page 7, Line 16
1(e) Page 7, Line 33
2(c) - (e) Line 1(a)
4(c) Page 10, Line 46(a)
4(d) Page 10, Line 48(a)
4(e) Page 10, Line 50(a)
5(c) Page 8, Line 30
5(d) Page 9, Line 16
5(e) Page 9, Line 33
7(a) - (e) Line 1 + Line 3 - Line 4 - Line 5
9(c) Page 10, Line 46(b)
9(d) Page 10, Line 48(b)
9(e) Page 10, Line 50(b)
11(c) Page 10, Line 46(d)
11(d) Page 10, Line 48(d)
11(e) Page 10, Line 50(d)
12(c) - (e) Schedule 4, Page 1 Line 23
13(c) Page 10, Line 46(f)
13(d) Page 10, Line 48(f)
13(e) Page 10, Line 50(f)
14(c) Page 10, Line 46(g)
14(d) Page 10, Line 48(g)
14(e) Page 10, Line 50(g)
15(c) Page 10, Line 46(h)
15(d) Page 10, Line 48(h)
15(e) Page 10, Line 50(h)
16(c) Page 10, Line 46(i)
16(d) Page 10, Line 48(i)
16(e) Page 10, Line 50(i)
17(a) - (e) Sum of Lines 9 - 16
19(c) Page 11, Line 24(b)
19(d) Page 12, Line 16(b)
19(e) Page 12, Line 31(b)
20 (c)- (e) Line 11 * 35%
21(c) Page 10, Line 46(e)
21(d) Page 10, Line 48(e)
21(e) Page 10, Line 50(e)
22(a) - (e) Sum of Lines 19 - 21
24(a) - (e) Line 7 + Line 17 - Line 22

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Five Quarter Average Ending June 30, 2017 through Rate Year 1 Ending August 31, 2019
Accumulated Deferred Tax Forecast

		Description	Period or Amount (a)		Accumulated Deferred Income Tax (b)
1		Balance at June 30, 2017			$196,614,471
2		Impact of Federal Tax Reform on June 30, 2017 balance			($1,147,243)
3		Increase/(Decrease) 2 Month Ended		1/	$2,580,654
4					
5		Balance at August 31, 2017			$198,047,882
6					
7		Increase/(Decrease) 12 Month Ended		2/	$5,847,765
8					
9		Balance at August 31, 2018			$203,895,647
10					
11		Balance as of:	09/30/18	3/	$204,117,070
12			10/31/18	3/	$204,338,493
13			11/30/18	3/	$204,559,916
14			12/31/18	3/	$204,781,340
15			01/31/19	3/	$205,002,763
16			02/28/19	3/	$205,224,186
17			03/31/19	3/	$205,445,609
18			04/30/19	3/	$205,667,032
19			05/31/19	3/	$205,888,455
20			06/30/19	3/	$206,109,878
21			07/31/19	3/	$206,331,301
22		Balance at August 31, 2019		3/	$206,552,725
23					
24		Rate Year 1 Accumulated Deferred Income Tax - Five Quarter Average			$205,224,186

			Book (a)	Tax (b)	Difference (c)
25					
28	1/	2 Months Ending 08/30/17			
29		Depreciation	$8,602,358	$16,781,928	$8,179,570
30		Income Tax Rate			31.55%
31		2 Month Change to Accumulated Deferred Taxes			$2,580,654
32		Net Operating Loss Utilization			$0
33		Proration Adjustment			$0
34		Net Annual Change			$2,580,654
35					
36	2/	12 Months Ended 08/31/18:			
37		Depreciation	$52,630,173	$74,165,596	$21,535,423
38		Income Tax Rate			27.15%
39		Annual Change to Accumulated Deferred Taxes			$5,847,765
40		Net Operating Loss Utilization			$0
41		Proration Adjustment			$0
42		Net Annual Change			$5,847,765
43					
44	3/	12 Months Ended 08/31/19:			
45		Depreciation	$50,375,341	$72,926,482	$22,551,141
46		Income Tax Rate			21.00%
47		Annual Change to Accumulated Deferred Taxes			$4,735,740
48		Net Operating Loss Utilization			$0
49		Proration Adjustment			($380,623)
50		Net Annual Change			$4,355,117
51		Net of Amortization of Excess Deferred Tax			($1,698,039)
52		Monthly Change to Accumulated Deferred Taxes			$221,423

Line Notes

1	Page 2, Line 20 + Line 21
3	Line 34(c)
5	Line 1 + Line 3
7	Line 42(c)
9	Line 5 + Line 7
11	Line 9(b) + Line 52(c)
12-22	Prior Month Balance + Line 52(c)
24	Average of Lines 9, 13, 16, 19, and 22
29(a)	Schedule 6-ELEC Page 1, Line 24(b) + Schedule 6-ELEC Page 1, Line 25(b)
29(b)	Page 14 Line 3(b)
30	Per Tax Dept
31	Line 29 x Line 30
33	Page 13 Line 3
34	Sum of Lines 31-33
37(a)	Schedule 6-ELEC Page 1, Line 43(b)
37(b)	Page 14 Line 3(c)
38	Per Tax Dept
39	Line 37 x Line 38
41	Page 13 Line 3(c)
42	Sum of Lines 39-41
45(a)	Schedule 6-ELEC Page 2, Line 16(b)
45(b)	Page 14 Line 3(d)
46	Per Tax Dept
47	Sum of Lines 47-49
49	Page 13, Line 3(d)
50	Sum of Lines 47-49
52	Line 50 divided by 12

The Narragansett Electric Company d/b/a National Grid
Rate Base Adjustments
Five Quarter Average Rate Year 2 Ending August 31, 2020 through Rate Year 3 Ending August 31, 2021
Accumulated Deferred Tax Forecast

		Description	Period or Amount			Accumulated Deferred Income Tax
			(a)			(b)
1		Balance at August 31, 2019				$206,933,348
2						
3		Balance as of:	09/30/19		1/	$206,850,766
4			10/31/19		1/	$206,768,184
5			11/30/19		1/	$206,685,602
6			12/31/19		1/	$206,603,020
7			01/31/20		1/	$206,520,438
8			02/29/20		1/	$206,437,856
9			03/31/20		1/	$206,355,274
10			04/30/20		1/	$206,272,693
11			05/31/20		1/	$206,190,111
12			06/30/20		1/	$206,107,529
13			07/31/20		1/	$206,024,947
14		Balance @ August 31, 2020			1/	$205,942,365
15						
16		Rate Year 2 Accumulated Deferred Income Tax - Five Quarter Average				$206,437,856
17						
18		Balance as of:	09/30/20		2/	$206,785,912
19			10/31/20		2/	$206,963,266
20			11/30/20		2/	$207,140,621
21			12/31/20		2/	$207,317,975
22			01/31/21		2/	$207,495,329
23			02/28/21		2/	$207,672,684
24			03/31/21		2/	$207,850,038
25			04/30/21		2/	$208,027,392
26			05/31/21		2/	$208,204,746
27			06/30/21		2/	$208,382,101
28			07/31/21		2/	$208,559,455
29		Balance @ August 31, 2021			2/	$208,736,809
30						
31		Rate Year 3 Accumulated Deferred Income Tax - Five Quarter Average				$207,672,684
32						
33			Book	Tax		Difference
34			(a)	(b)		(c)
35	1/	12 Months Ended 08/31/20:				
36		Depreciation	$51,255,262	$45,851,846		($5,403,416)
37		Income Tax Rate				21.00%
38		Annual Change to Accumulated Deferred Taxes				($1,134,717)
39		Net Operating Loss Utilization				$2,507,967
40		Proration Adjustment				($666,193)
41		Net Annual Change				$707,056
42		Amortization of Excess DIT				($1,698,039)
43		Monthly Change to Accumulated Deferred Taxes				($82,582)
44						
45	2/	12 Months Ended 08/31/21:				
46		Depreciation	$51,299,512	$43,468,954		($7,830,558)
47		Income Tax Rate				21.00%
48		Annual Change to Accumulated Deferred Taxes				($1,644,417)
49		Net Operating Loss Utilization				$9,804,674
50		Proration Adjustment				($4,333,966)
51		Net Annual Change				$3,826,291
52		Amortization of Excess DIT				($1,698,039)
53		Monthly Change to Accumulated Deferred Taxes				$177,354

Line Notes

1	Page 11, Line 22(b)
3	Line 1(b) + Line 43(c)
4-14	Prior Month Balance + Line 43(c)
16	Average of Lines 1, 5, 8, 11, and 14
18	Line 14(b) + Line 53(c)
19-29	Prior Month Balance + Line 53(c)
31	Average of Lines 14, 20, 23, 26, and 29
36(a)	Schedule 6-ELEC Page 2, Line 37(b)
36(b)	Page 14, Line 3(e)
37	Per Tax Dept
38	Line 36 x Line 37
39	Per Tax Dept
40	Page 13, Line 3(e)
41	Sum of Lines 38-40
43	Line 41 divided by 12
46(a)	Schedule 6-ELEC Page 2, Line 58(b)
46(b)	Page 14, Line 3(f)
47	Per Tax Dept
48	Line 46 x Line 47
49	Per Tax Dept
50	Page 13, Line 3(f)
51	Sum of Lines 48-50
53	Line 51 divided by 12

Schedule-11-GAS

Rate Base – Gas

The Narragansett Electric Company d/b/a National Grid
Rate Base Summary
Five Quarter Average Ending June 30, 2017 through Rate Year Ending August 31, 2021

	Description	Five Quarter Average Ending June 30, 2017 (a)	Adjustments (b)	Rate Year 1 Ending August 31, 2019 (c)	Rate Year Ending August 31, 2020 (d)	Rate Year Ending August 31, 2021 (e)
1	Gas Plant In Service	$1,092,141,316	$214,715,738	$1,306,857,054	$1,328,015,869	$1,349,443,902
2	Normalizing Adjustment: Smallworld GIS[1]	$3,996,550	$0	$3,996,550	$3,996,550	$3,996,550
3	Gas Plant In Service	$1,096,137,866	$214,715,738	$1,310,853,604	$1,332,012,419	$1,353,440,451
4						
5	Construction Work In Progress	$49,783,414	($5,570,043)	$44,213,371	$45,444,229	$46,739,869
6						
7	Less: Accumulated Depreciation	$389,907,868	$37,266,066	$427,173,934	$428,191,816	$429,895,395
8	Normalizing Adjustment: Smallworld GIS[1]	$2,987,945	$0	$2,987,945	$3,414,129	$3,840,314
9	Test Year Adjusted Accumulated Depreciation	$392,895,813	$37,266,066	$430,161,879	$431,605,945	$433,735,709
10						
11	Less: Contribution in Aid of Construction	$38	($984)	($946)	($2,250)	($3,622)
12						
13	Net Plant	$753,025,429	$171,880,612	$924,906,042	$945,852,952	$966,448,234
14						
15	Additions:					
16	Materials and Supplies	$3,941,353	($1,261,179)	$2,680,174	$2,159,157	$1,610,719
17	Prepaid Expenses, Excluding Taxes	$393,734	($189,233)	$204,501	$276,014	$351,290
18	Deferred Debits	$411,653	($411,653)	$0	$0	$0
19	Cash Working Capital	$8,974,216	($2,343,870)	$6,630,346	$6,630,346	$6,630,346
20	Unamortized Interest Lock expense $550M	$1,068,051	($350,778)	$717,273	$555,375	$393,477
21	Unamortized Issuance Costs $300M	$406,500	($37,950)	$368,550	$351,035	$333,519
22	Unamortized Issuance Costs $250M	$81,303	($54,906)	$26,397	$4,434	$0
23	Unamortized Issuance Costs $200M	$274,996	($23,064)	$251,932	$241,287	$230,642
24	Unamortized Issuance Costs $350M	$0	$454,825	$454,825	$406,525	$358,225
25	Unamortized Issuance Costs Mortgage Bonds	$103,899	($49,670)	$54,229	$31,304	$8,379
26	Total Additions	$15,655,704	($4,267,479)	$11,388,226	$10,655,477	$9,916,598
27						
28	Deductions:					
29	Accumulated Deferred FIT	$111,588,901	$44,221,800	$155,810,701	$165,988,112	$173,482,878
30	Merger Hold Harmless Adjustment	$22,255,350	($3,592,594)	$18,662,756	$16,576,053	$14,145,381
31	Customer Deposits	$2,342,658	($875,181)	$1,467,477	$1,208,830	$936,570
32	Total Deductions	$136,186,909	$39,754,025	$175,940,934	$183,772,995	$188,564,828
33						
34	Rate Base	$632,494,225	$127,859,109	$760,353,334	$772,735,434	$787,800,004
35						
36	Total Rate Base			$760,353,334	$772,735,434	$787,800,004

[1] Gas Information System

Column Notes
(a) Page 2 of 23 Column (f)
(b) (c) minus (a)

Line Notes
1(c) Page 3 of 23 Line 30 Column (b)
1(d) 1(c) plus Page 5 of 23, Lines 3(f), 8(f) and 11(i) times 50%
1(e) 1(d) plus Page 5 of 23, Line 11(l) times 50%
5(c) Page 8 of 23 Line 47 Column (a)
5(d) Page 8 of 23 Line 48 Column (a)
5(e) Page 8 of 23 Line 49 Column (a)
8(d) 8(c) plus Schedule 5-GAS Page 1 of 1 Column Notes (e)
8(e) 8(d) plus Schedule 5-GAS Page 1 of 1 Column Notes (e)
11(c) Page 8 of 23 Line 47 Column (b)
11(d) Page 8 of 23 Line 48 Column (b)
11(e) Page 8 of 23 Line 49 Column (b)
16(c) Page 8 of 23 Line 47 Column (c)
16(d) Page 8 of 23 Line 48 Column (c)
16(e) Page 8 of 23 Line 49 Column (c)
17(c) Page 8 of 23 Line 47 Column (d)
17(d) Page 8 of 23 Line 48 Column (d)
17(e) Page 8 of 23 Line 49 Column (d)
18(c) Page 8 of 23 Line 47 Column (e)
18(d) Page 8 of 23 Line 48 Column (e)
18(e) Page 8 of 23 Line 49 Column (e)
19(c) Cash Working Capital Page 1 of 29 Line 15 Column CWC Dollars
20(c) Page 8 of 23 Line 47 Column (g)
20(d) Page 8 of 23 Line 48 Column (g)
20(e) Page 8 of 23 Line 49 Column (g)
21(c) Page 8 of 23 Line 47 Column (h)
21(d) Page 8 of 23 Line 48 Column (h)
21(e) Page 8 of 23 Line 49 Column (h)
22(c) Page 8 of 23 Line 47 Column (i)
22(d) Page 8 of 23 Line 48 Column (i)
22(e) Page 8 of 23 Line 49 Column (i)
23(c) Page 8 of 23 Line 47 Column (j)
23(d) Page 8 of 23 Line 48 Column (j)
23(e) Page 8 of 23 Line 49 Column (j)
24(c) Page 8 of 23 Line 47 Column (k)
24(d) Page 8 of 23 Line 48 Column (k)
24(e) Page 8 of 23 Line 49 Column (k)
25(c) Page 8 of 23 Line 47 Column (l)
25(d) Page 8 of 23 Line 48 Column (l)
25(e) Page 8 of 23 Line 49 Column (l)
29(c) Page 11 of 23 Line 24 Column (c)
29(d) Page 12 of 23 Line 16 Column (c)
29(e) Page 12 of 23 Line 31 Column (c)
30(c) Page 9 of 23 Line 24 Column (c)
30(d) Page 10 of 23 Line 15 Column (c)
30(e) Page 10 of 23 Line 31 Column (c)
31(c) Page 8 of 23 Line 47 Column (f)
31(d) Page 8 of 23 Line 48 Column (f)
31(e) Page 8 of 23 Line 49 Column (f)

The Narragansett Electric Company d/b/a National Grid
Accumulated Deferred Tax Forecast Rate Base Adjustments
Test Year Ending June 31,2017 through Rate Year 1 Ending August 31, 2019

		Description	Period or Amount			Accumulated Deferred Income Tax
			(a)	(b)		(c)
1		Balance at June 30, 2017				$122,924,988
2						
3		Increase/(Decrease) 2 Month Ended			1/	$5,298,607
4		Adjustment for decrease in federal tax rate				($75,170)
5		Balance at August 31, 2017				$128,148,424
6						
7		Increase/(Decrease) 12 Month Ended			2/	$20,453,237
8						
9		Balance at August 31, 2018				$148,601,661
10						
11		Balance as of:	09/30/18		3/	$149,803,168
12			10/31/18		3/	$151,004,674
13			11/30/18		3/	$152,206,181
14			12/31/18		3/	$153,407,687
15			01/31/19		3/	$154,609,194
16			02/28/19		3/	$155,810,701
17			03/31/19		3/	$157,012,207
18			04/30/19		3/	$158,213,714
19			05/31/19		3/	$159,415,220
20			06/30/19		3/	$160,616,727
21			07/31/19		3/	$161,818,234
22		Balance at August 31, 2019			3/	$163,019,740
23						
24		Rate Year 1 Accumulated Deferred Income Tax - Five Quarter Averag				$155,810,701
25						
26			Book	Tax		Difference
27			(a)	(b)		(c)
28	1/	2 Months Ending 08/30/17				
29		Depreciation	$6,233,864	$23,028,180		$16,794,315
30		Income Tax Rate				31.55%
31		2 Month Change to Accumulated Deferred Taxes				$5,298,607
32		Net Operating Loss Utilization				$0
33		Proration Adjustment				$0
34		Net Annual Change				$5,298,607
35						
36	2/	12 Months Ended 08/31/18:				
37		Depreciation	$39,532,703	$114,855,349		$75,322,646
38		Income Tax Rate				27.15%
39		Annual Change to Accumulated Deferred Taxes				$20,453,237
40		Net Operating Loss Utilization				$0
41		Proration Adjustment				$0
42		Net Annual Change				$20,453,237
43						
44	3/	12 Months Ended 08/31/19:				
45		Depreciation	$38,950,409	$114,925,096		$75,974,687
46		Income Tax Rate				21.00%
47		Annual Change to Accumulated Deferred Taxes				$15,954,684
48		Net Operating Loss Utilization				$1,379,604
49		Proration Adjustment				($1,255,916)
50		Net Annual Change				$16,078,372
51		Excess DIT amortization				($1,660,293)
52		Monthly Change to Accumulated Deferred Taxes				$1,201,507

Column Notes
(b) Per Tax Department

Line Notes
1(c) Page 2 of 23 Line 29 Column (e)
29(a) Schedule 6-GAS Page 1 of 5 Line 22 Column (a)
29(b) Page 14 of 23 Line 3 Column (b)
37(a) Schedule 6-GAS Page 1 of 5 Line 41 Column (a)
37(b) Page 14 of 23 Line 3 Column (c)
45(a) Schedule 6-GAS Page 2 of 5 Line 16 Column (a)
45(b) Page 14 of 23 Line 3 Column (d)
51 Supplemental Compliance Attachment 31, Page 4, Line 27

The Narragansett Electric Company d/b/a National Grid
Accumulated Deferred Tax Forecast Rate Base Adjustments
Rate Year 2 Ending August 31, 2020 through Rate Year 3 Ending August 31, 2021

		Description	Period or Amount (a)	(b)	Accumulated Deferred Income Tax (c)
1		Balance at August 31, 2019			$164,275,656
2					
3		Balance as of:	09/30/19	1/	$164,561,065
4			10/31/19	1/	$164,846,475
5			11/30/19	1/	$165,131,884
6			12/31/19	1/	$165,417,294
7			01/31/20	1/	$165,702,703
8			02/29/20	1/	$165,988,112
9			03/31/20	1/	$166,273,522
10			04/30/20	1/	$166,558,931
11			05/31/20	1/	$166,844,341
12			06/30/20	1/	$167,129,750
13			07/31/20	1/	$167,415,159
14		Balance at August 31, 2020		1/	$167,700,569
15					
16		Rae Year 2 Accumulated Deferred Income Tax - Five Quarter Average			$165,988,112
17					
18		Balance as of:	09/30/20	2/	$170,946,785
19			10/31/20	2/	$171,454,003
20			11/30/20	2/	$171,961,222
21			12/31/20	2/	$172,468,440
22			01/31/21	2/	$172,975,659
23			02/28/21	2/	$173,482,878
24			03/31/21	2/	$173,990,096
25			04/30/21	2/	$174,497,315
26			05/31/21	2/	$175,004,533
27			06/30/21	2/	$175,511,752
28			07/31/21	2/	$176,018,970
29		Balance at August 31, 2021		2/	$176,526,189
30					
31		Rate Year 3 Accumulated Deferred Income Tax - Five Quarter Average			$173,482,878
32					
33			Book	Tax	Difference
34			(a)	(b)	(c)
35	1/	12 Months Ended 08/31/20:			
36		Depreciation	$40,875,154	$57,821,237	$16,946,083
37		Income Tax Rate			21.00%
38		Annual Change to Accumulated Deferred Taxes			$3,558,677
39		Net Operating Loss Utilization			$4,265,526
40		Proration Adjustment			($2,738,997)
41		Net Annual Change			$5,085,206
42		Excess DIT amortization			($1,660,293)
43		Monthly Change to Accumulated Deferred Taxes			$285,409
44					
45	2/	12 Months Ended 08/31/21:			
46		Depreciation	$41,483,938	$58,200,613	$16,716,675
47		Income Tax Rate			21.00%
48		Annual Change to Accumulated Deferred Taxes			$3,510,502
49		Net Operating Loss Utilization			$9,978,651
50		Proration Adjustment			($5,742,237)
51		Net Annual Change			$7,746,916
52		Excess DIT amortization			($1,660,293)
53		Monthly Change to Accumulated Deferred Taxes			$507,219

Column Notes
(b) Per Tax Department

Line Notes
36(a) Schedule 6-GAS Page 2 of 5 Line 37 Column (a)
36(b) Page 14 of 23 Line 3 Column (e)
46(a) Schedule 6-GAS Page 2 of 5 Line 58 Column (a)
46(b) Page 14 of 23 Line 3 Column (f)
42 & 52 Supplemental Compliance Attachment 31, Page 4, line 2L

Schedule-17

Service Company Rents

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Service Company Rents

		Test Year Ended June 30, 2017 (Per Books)			Normalizing Adjustments			Test Year Ended June 30, 2017 (as Adjusted)		
		Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
		(a) = (b) + (c)	(b)	(c)	(d) = (e) + (f)	(e)	(f)	(g) = (h) + (i)	(h) = (b) + (e)	(i) = (c) + (f)
	Provider Company:									
1	Narragansett Electric Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	National Grid USA Service Company	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
3	All Other Companies	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	Total	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
5										
6										
7	Operation:									
8	Production Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Power Production Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Natural Gas Storage, Terminaling	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	and Processing Exp.			$0						
12	Transmission Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Regional Market Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	Distribution Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
15	Customer Accounts Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	Customer Service and	$0	$0	$0	$0	$0	$0	$0	$0	$0
17	Informational Expenses			$0						
18	Sales Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Administrative & General Expenses	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
20	Sub Total	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
21										
22	Maintenance:									
23	Transmission Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Distribution Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
25	Administrative & General Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
26	Sub Total	$0	$0	$0	$0	$0	$0	$0	$0	$0
27										
28	TOTAL	$17,062,952	$13,985,369	$3,077,583	($6,995,280)	($6,644,381)	($350,899)	$10,067,672	$7,340,988	$2,726,684
		$0	$0	$0	$0	$0	$0	$0	$0	$0

Column Notes
(b) Per Company Books
(c) Per Company Books
(e) Page 5, Line 12
(f) Page 5, Line 12

Line Notes
19 Line 4

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Service Company Rents

Line		Test Year Ended June 30, 2017 (as Adjusted)			Proforma Adjustments			Rate Year Ending August 31, 2019		
		Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
		(a) = (b) + (c)	(b)	(c)	(d) = (e) + (f)	(e)	(f)	(g) = (h) + (i)	(h) = (b) + (e)	(i) = (c) + (f)
	Provider Company:									
1	Narragansett Electric Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	National Grid USA Service Company	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
3	All Other Companies	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	Total	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
5										
6										
7	Operation:									
8	Production Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Power Production Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Natural Gas Storag, Terminaling	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	and Processing Exp.						$0			
12	Transmission Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Regional Market Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	Distribution Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
15	Customer Accounts Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	Customer Service and	$0	$0	$0	$0	$0	$0	$0	$0	$0
17	Informational Expenses						$0			
18	Sales Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	Administrative & General Expenses	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
20	Sub Total	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
21										
22	Maintenance:									
23	Transmission Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	Distribution Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
25	Administrative & General Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0
26	Sub Total	$0	$0	$0	$0	$0	$0	$0	$0	$0
27										
28	TOTAL	$10,067,672	$7,340,988	$2,726,684	$4,385,113	$3,395,175	$989,938	$14,452,784	$10,736,163	$3,716,621
		$0	$0	$0	$0	$0	$0	$0	$0	$0

Column Notes
(a) Page 1, Column (g)
(b) Page 1, Column (h)
(c) Page 1, Column (i)
(e) Page 5, Line 26
(f) Page 5, Line 26
(h) (b) + (e)
(i) (c) + (f)

Line Notes
19 Line 4

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Service Company Rents

		Rate Year Ending August 31, 2019	Adjustments to Reflect Conditions in Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2020	Adjustments to Reflect Conditions in Rate Year Ending August 31, 2021	Rate Year Ending August 31, 2021
		Electric	Electric	Electric	Electric	Electric
		(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)
	Provider Company:					
1	Narragansett Electric Company	$0	$0	$0	$0	$0
2	National Grid USA Service Company	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
3	All Other Companies	$0	$0	$0	$0	$0
4	Total	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
5						
6						
7	Operation:					
8	Production Expenses	$0	$0	$0	$0	$0
9	Power Production Expenses	$0	$0	$0	$0	$0
10	Natural Gas Storag, Terminaling	$0	$0	$0	$0	$0
11	and Processing Exp.					
12	Transmission Expenses	$0	$0	$0	$0	$0
13	Regional Market Expenses	$0	$0	$0	$0	$0
14	Distribution Expenses	$0	$0	$0	$0	$0
15	Customer Accounts Expenses	$0	$0	$0	$0	$0
16	Customer Service and	$0	$0	$0	$0	$0
17	Informational Expenses					
18	Sales Expenses	$0	$0	$0	$0	$0
19	Administrative & General Expenses	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
20	Sub Total	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
21						
22	Maintenance:					
23	Transmission Expenses	$0	$0	$0	$0	$0
24	Distribution Expenses	$0	$0	$0	$0	$0
25	Administrative & General Expenses	$0	$0	$0	$0	$0
26	Sub Total	$0	$0	$0	$0	$0
27						
28	TOTAL	$10,736,163	$380,409	$11,116,572	$390,531	$11,507,102
		$0	$0	$0	$0	$0

Column Notes
(a) Page 2, Column (h)
(b) Page 5, Line 34
(c) (a) + (b)
(d) Page 5, Line 43
(e) (c) + (d)

Line Notes
19 Line 4

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Service Company Rents

		Rate Year Ending August 31, 2019	Adjustments to Reflect Conditions in Rate Year Ending August 31, 2020	Rate Year Ending August 31, 2020	Adjustments to Reflect Conditions in Rate Year Ending August 31, 2021	Rate Year Ending August 31, 2021
		Gas	Gas	Gas	Gas	Gas
		(a)	(b)	(c) = (a) + (b)	(d)	(e) = (c) + (d)
	Provider Company:					
1	Narragansett Electric Company	$0	$0	$0	$0	$0
2	National Grid USA Service Company	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
3	All Other Companies	$0	$0	$0	$0	$0
4	Total	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
5						
6						
7	Operation:					
8	Production Expenses	$0	$0	$0	$0	$0
9	Power Production Expenses	$0	$0	$0	$0	$0
10	Natural Gas Storag, Terminaling	$0	$0	$0	$0	$0
11	and Processing Exp.					
12	Transmission Expenses	$0	$0	$0	$0	$0
13	Regional Market Expenses	$0	$0	$0	$0	$0
14	Distribution Expenses	$0	$0	$0	$0	$0
15	Customer Accounts Expenses	$0	$0	$0	$0	$0
16	Customer Service and	$0	$0	$0	$0	$0
17	Informational Expenses					
18	Sales Expenses	$0	$0	$0	$0	$0
19	Administrative & General Expenses	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
20	Sub Total	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
21						
22	Maintenance:					
23	Transmission Expenses	$0	$0	$0	$0	$0
24	Distribution Expenses	$0	$0	$0	$0	$0
25	Administrative & General Expenses	$0	$0	$0	$0	$0
26	Sub Total	$0	$0	$0	$0	$0
27						
28	TOTAL	$3,716,621	$219,840	$3,936,461	($260)	$3,936,201
		$0	$0	$0	$0	$0

Column Notes
(a) Page 2, Column (i)
(b) Page 5, Line 34
(c) (a) + (b)
(d) Page 5, Line 43
(e) (c) + (d)

Line Notes
19 Line 4

The Narragansett Electric Company d/b/a National Grid
Operating Expenses by Component
Service Company Rents

Line	Explanation of Adjustments:		Provider Company	Source Workpaper	Total (a)	Electric (b)	Gas (c)
1	Page 1	Adjustments: (to normalize Historic Year)					
2		Normalizing Adjustment	National Grid USA Service Co.	Page 6	($3,910,750)	($3,537,772)	($372,978)
5		Normalizing Adjustment - CWIP	National Grid USA Service Company	Workpaper 6	$91,100	$69,021	$22,079
7		(IFA) Integrated Facilities Agreement	Narragansett Electric Company	Workpaper 1	($2,146,385)	($2,146,385)	$0
8		(IFA) Integrated Facilities Agreement	National Grid USA Service Company	Workpaper 1	($396,630)	($396,630)	$0
9		(IFA) Integrated Facilities Agreement	All Other Companies		$0	$0	$0
10		Reclass IFA Rents	Narragansett Electric Company	Workpaper 1	($632,614)	($632,614)	$0
11					$0		
12		TOTAL			($6,995,280)	($6,644,381)	($350,899)
19	Page 2	Adjustments: (to reflect conditions in the Rate Year 2019)					
23					-	-	-
24		Rate Year Adjustment	National Grid USA Service Co.	Page 6	4,385,113	3,395,175	989,938
25					-	-	-
26					$4,385,113	$3,395,175	$989,938
27	Page 3	Electric Adjustments: (to reflect conditions in the Rate Year 2020-2021)					
31					-	-	-
32		Rate Year Adjustment	National Grid USA Service Co.	Page 7	600,249	380,409	219,840
33					-	-	-
34					$600,249	$380,409	$219,840
35	Page 4	Gas Adjustments: (to reflect conditions in the Rate Year 2020-2021)					
39		Rate Year Adjustment - Response to DIV 22-9	National Grid USA Service Co.		11,110	(49,098)	60,208
40		Rate Year Adjustment	National Grid USA Service Co.	Page 7	379,160	439,629	(60,468)
41					-	-	-
43					$390,270	$390,531	($260)

Line Notes
2 Page 6
5 Workpaper MAL - 6
24(b) Page 6, Line 57
24(c) Page 6, Line 27
32(b) Page 7, Line 22
32(c) Page 7, Line 33
40(b) Page 7, Line 46
40(c) Page 7, Line 33

The Narragansett Electric Company d/b/a National Grid
Service Company Rents
Normalizing Adjustment & Rate Year Adjustments

Test Year
Asset Recovery Charge Per Books
Gas

1	ARC-DEBT RECOVERY CHGE	$189,871
2	ARC-DEPRECIATION RECOVERY CHGE	$2,041,663
3	ARC-EQUITY RECOVERY CHGE	$846,048
4		
5	Grand Total	$3,077,582
6		
7		
8		
9		
10	Test Year	
11	Return & Depreciation Calculation Adjustment	
12		
13	Existing IS Projects	$2,390,946
14	Facilities Existing Balance	$313,658
15	Total Calculated Return & Depreciation	$2,704,604
16	Per Books	$3,077,582
17	Normalizing Adjustment	($372,978)
18		
19	**Rate Year -2019**	
20	Return & Depreciation Calculation Adjustment	
21	Existing IS Projects	2,402,256
22	New IS Projects	1,029,604
23	Existing Facilities	324,640
24	Service Co. Unfunded Deferred Taxes	(39,878)
25	Total Calculated Return & Depreciation - Rate Year	3,716,621
26	Normalized Service Company Rents	2,726,684
27	Proforma Adjustment	989,938
28		
29		
30	**Electric**	
31	ARC-DEBT RECOVERY CHGE	$856,281
32	ARC-DEPRECIATION RECOVERY CHGE	$9,249,995
33	ARC-EQUITY RECOVERY CHGE	$3,879,092
34		
35	Total before IFA	$13,985,368
36	Less: IFA	
37	Total after IFA	$13,985,368
38		
39		
40	Test Year	
41	Return & Depreciation Calculation Adjustment	
42		
43	IS Existing Projects	$9,792,316
44	Facilities Test Year	$655,280
45	Total Calculated Return & Depreciation	$10,447,596
46	Per Books	$13,985,368
47	Normalizing Adjustment	($3,537,772)
48		
49	**Rate Year 2019**	
50	Return & Depreciation Calculation Adjustment	
51	Existing IS Projects	$7,954,455
52	New IS Projects	$2,262,639
53	Existing Facilities	$634,974
54	Service Co. Unfunded Deferred Taxes	($115,905)
55	Total Calculated Return & Depreciation - Rate Year	$10,736,163
56	Normalized Service Company Rents	$7,340,988
57	Proforma Adjustment	$3,395,175
58		
59	Electric Deferral Cap	
60	New 2019 Rate Year IS Projects - Electric at 100% (Line 52 / 85%)	$2,661,928
61	New 2020 Rate Year IS Projects - Electric at 100% (Page 7, Line 17 / 85%)	$4,065,324
62	New 2021 Rate Year IS Projects - Electric at 100% (Page 7, Line 41 / 85%)	$5,378,509
63	Total Electric Deferral Cap	$12,105,761

Line Notes
21 Workpaper 6a, Line 294
22 Workpaper 6a, Line 490 less 15% for slippage adjustment
23 Workpaper 6d, Line 612
51 Workpaper 6a, Line 294
52 Workpaper 6a, Line 490 less 15% for slippage adjustment
53 Workpaper 6d, Line 612

The Narragansett Electric Company d/b/a National Grid
Service Company Rents
Normalizing Adjustment

	Gas	
1	**Rate Year -2020**	
2	Return & Depreciation Calculation Adjustment	
3	Existing IS Projects	$2,214,027
4	New IS Projects	$1,576,667
5	Existing Facilities	$185,646
6	Service Co. Unfunded Deferred Taxes	($39,878)
7	Total Calculated Return & Depreciation - Rate Year	$3,936,461
8	Adjusted Service Company Rents	$3,716,621
9	Proforma Adjustment	$219,840
10		
11		
12	**Electric**	
13		
14	**Rate Year 2020**	
15	Return & Depreciation Calculation Adjustment	
16	Existing IS Projects	$7,426,161
17	New IS Projects	$3,455,525
18	Existing Facilities	$350,790
19	Service Co. Unfunded Deferred Taxes	($115,905)
20	Total Calculated Return & Depreciation - Rate Year	$11,116,572
21	Adjusted Service Company Rents	$10,736,163
22	Proforma Adjustment	$380,409
23		
24	**Gas**	
25	**Rate Year -2021**	
26	Return & Depreciation Calculation Adjustment	
27	Existing IS Projects	$1,925,481
28	New IS Projects	$1,835,733
29	Existing Facilities	$154,658
30	Service Co. Unfunded Deferred Taxes	($39,878)
31	Total Calculated Return & Depreciation - Rate Year	$3,875,993
32	Normalized Service Company Rents	$3,936,461
33	Proforma Adjustment	($60,468)
34		
35		
36	**Electric**	
37		
38	**Rate Year 2021**	
39	Return & Depreciation Calculation Adjustment	
40	Existing IS Projects	$6,815,503
41	New IS Projects	$4,571,733
42	Existing Facilities	$284,869
43	Service Co. Unfunded Deferred Taxes	($115,905)
44	Total Calculated Return & Depreciation - Rate Year	$11,556,200
45	Adjusted Service Company Rents	$11,116,572
46	Proforma Adjustment	$439,629
47		
48	Gas Deferral Cap	
49	New 2019 Rate Year IS Projects - GAS at 100% (Page 6, Line 22 / 85%)	$1,211,299
50	New 2020 Rate Year IS Projects - GAS at 100% (Line 4 / 85%)	$1,854,902
51	New 2021 Rate Year IS Projects - GAS at 100% (Line 28 / 85%)	$2,159,685
52	Total Gas Deferral Cap	$5,225,886

Line Notes
3 Workpaper 6b, Line 294
4 Workpaper 6b, Line 490 less 15% for slippage adjustment
5 Workpaper 6e, Line 628
16 Workpaper 6b, Line 294
17 Workpaper 6b, Line 490 less 15% for slippage adjustment
18 Workpaper 6e, Line 628
27 Workpaper 6c, Line 294
28 Workpaper 6c, Line 490 less 15% for slippage adjustment
29 Workpaper 6f, Line 619
40 Workpaper 6c, Line 294
41 Workpaper 6c, Line 490 less 15% for slippage adjustment
42 Workpaper 6f, Line 619

Allocation of Excess ADIT using 3 Point Allocator for FY19

Company Description	Co Code	Allocations FY19	Total Excess ADIT	3.38 Annual Expense Ave. remaining life	5 Annual Expense 5 years	10 Annual Expense 10 years	15 Annual Expense 15 years	20 Annual Expense 20 years
National Grid USA Parent	5020	0.42%	$20,737	$6,135	$4,147	$2,074	$1,382	$1,037
NIMO Holdings	5030	0.00%	$0	$0	$0	$0	$0	$0
KeySpan Energy Corp.	5040	0.08%	$3,950	$1,169	$790	$395	$263	$197
Niagara Mohawk Power Corp.- Electric Distr.	5210	15.59%	$769,727	$227,730	$153,945	$76,973	$51,315	$38,486
Niagara Mohawk Power Corp. - Gas	5210	4.53%	$223,660	$66,172	$44,732	$22,366	$14,911	$11,183
Niagara Mohawk Power Corp. - Transmission	5210	5.54%	$273,527	$80,925	$54,705	$27,353	$18,235	$13,676
KeySpan Energy Delivery New York	5220	13.31%	$657,156	$194,425	$131,431	$65,716	$43,810	$32,858
KeySpan Energy Delivery Long Island	5230	8.29%	$409,303	$121,096	$81,861	$40,930	$27,287	$20,465
Massachusetts Electric Company	5310	19.54%	$964,751	$285,429	$192,950	$96,475	$64,317	$48,238
Massachusetts Electric Company - Transmission	5310	0.20%	$9,875	$2,921	$1,975	$987	$658	$494
Nantucket Electric Company	5320	0.25%	$12,343	$3,652	$2,469	$1,234	$823	$617
Boston Gas Company	5330	8.59%	$424,115	$125,478	$84,823	$42,412	$28,274	$21,206
Colonial Gas Company	5340	1.89%	$93,315	$27,608	$18,663	$9,332	$6,221	$4,666
Narragansett Electric Company	5360	7.22%	$356,474	$105,466	$71,295	$35,647	$23,765	$17,824
Narragansett Gas Company	5360	2.73%	$134,789	$39,878	$26,958	$13,479	$8,986	$6,739
Narragansett Electric Company - Transmission	5360	1.97%	$97,265	$28,777	$19,453	$9,727	$6,484	$4,863
New England Power Company - Transmission	5410	5.05%	$249,334	$73,768	$49,867	$24,933	$16,622	$12,467
NE Hydro - Trans Electric Co.	5411	0.21%	$10,368	$3,068	$2,074	$1,037	$691	$518
New England Hydro - Trans Corp.	5412	0.11%	$5,431	$1,607	$1,086	$543	$362	$272
New England Electric Trans Corp	5413	0.00%	$0	$0	$0	$0	$0	$0
NG LNG LP Regulated Entity	5420	0.19%	$9,381	$2,775	$1,876	$938	$625	$469
KeySpan Generation LLC (PSA)	5430	3.54%	$174,781	$51,710	$34,956	$17,478	$11,652	$8,739
KeySpan Glenwood Energy Center	5431	0.11%	$5,431	$1,607	$1,086	$543	$362	$272
KeySpan Port Jefferson Energy Center	5432	0.12%	$5,925	$1,753	$1,185	$592	$395	$296
Keyspan Energy Trading Services	5820	0.00%	$0	$0	$0	$0	$0	$0
Transgas Inc	5825	0.09%	$4,444	$1,315	$889	$444	$296	$222
KeySpan Energy Development Corporation	5840	0.29%	$14,318	$4,236	$2,864	$1,432	$955	$716
KeySpan Services Inc.	5850	0.14%	$6,912	$2,045	$1,382	$691	$461	$346
Total		100.00%	$4,937,312	$1,460,743	$987,462	$493,731	$329,154	$246,866
				-	-	-	-	-

Narragansett Electric Company	5360		$105,466
Narragansett Electric Company - Transmission	5360		$28,777
			$134,242
Less IFA		13.66%	($18,337)
Total Elec Dist			**$115,905**
Narragansett Gas Company	5360		**$39,878**
Total RI			$155,783

Schedule-41

Cash Working Capital/Lead Lag Study Electric

National Grid - Narragansett Electric Company
Cash Working Capital Requirements
Summary

Line No.			CWC % Revenue Receipt Lag	CWC % Expense Payment (Lag)	CWC % Net Payment (Lead) Lag	RATE YEAR Total Dollars	RATE YEAR CWC Dollars	**Reference page for Total Dollars:**
			(a)	(b)	(c)	(d)	(e)	(f)
1	Purchase Power		16.91%	-5.34%	11.57%	Recovered via Company Electric Retail Rate Filing		3
2	Operation & Maintenance Expense		16.91%	-4.95%	11.96%	$144,100,179	$17,230,405	4
3	Transmission		16.91%	-6.15%	10.76%	$164,627,154	$0	5
4	Federal Income Tax		16.91%	-6.12%	10.79%	$8,709,351	$939,739	6
5	**Taxes Other than Income Taxes**							
6	Municipal Taxes		16.91%	-25.30%	-8.39%	$30,530,258	($2,561,489)	7
7	Sales and Use Tax		16.91%	-4.17%	12.74%	$1,395	$178	8
8	Gross Earnings Tax		16.91%	0.37%	17.28%	$9,273,601	$1,602,478	9
9	**Payroll Taxes - Company Portion**							
10	Employer Federal Unemployment		16.91%	22.78%	39.69%	$27,124	$10,765	10
11	Employer State Unemployment		16.91%	17.16%	34.07%	$166,263	$56,646	11
12	FICA Expense	- Weekly	16.91%	1.95%	18.86%	$2,768,804	$522,196	12
13		- Monthly	16.91%	1.95%	18.86%	$2,071,676	$390,718	13
14	**Payroll Taxes and Other Withholding**							
15	Employee FICA and Federal Withholding	- Weekly		-0.27%	-0.27%	$8,003,525	($21,610)	14
16		- Monthly		-1.73%	-1.73%	$1,210,777	($20,946)	15
17	Employee State Income Tax Withholding	- Weekly		0.29%	0.29%	$1,304,076	$3,782	16
18		- Monthly		1.72%	1.72%	$207,890	$3,576	17
19	Temporary Disability Insurance	- Weekly		-19.63%	-19.63%	$279,426	($54,851)	18
20		- Monthly		-19.70%	-19.70%	$32,595	($6,421)	19
21	Employee Incentive Thrift	- Weekly			0.00%			
22		- Monthly			0.00%			
23	Total Working Capital Requirement - Distribution					**$373,314,094**	**$18,095,166**	

Line Notes

(a) Page 2, Line 27
(b) From Schedule in Column (f)
(c) Column (a) + (b)
(d) From Schedule in Column (f)
(e) Column (c) x Column (d)

Schedule-42

Cash Working Capital/Lead Lag Gas

National Grid - RI Gas
Cash Working Capital Requirements
Test Year Ended June 30, 2017
Cash Working Capital Requirements

Line No.	Description		Revenue Receipt Lag	Expense Payment (Lag)	Net Payment (Lead) Lag	RATE YEAR Total Dollars	RATE YEAR CWC Dollars	Reference page for Total Dollars:
1	Gas Purchases		13.46%	-4.44%	9.02%	Recovered via Company GCR		2
2	Operation & Maintenance Expense		13.46%	-4.46%	9.01%	$81,931,700	$7,379,888	4
3	Federal Income Tax		13.46%	-6.12%	7.34%	$8,336,706	$612,149	5
	Taxes Other than Income Taxes							
4	Municipal Taxes		13.46%	-25.23%	-11.77%	$21,542,417	($2,534,935)	9
5	Sales and Use Tax		13.46%	-4.61%	8.85%	$4,119	$365	10
6	Gross Earnings Tax		13.46%	-4.46%	9.00%	$10,649,587	$958,763	11
	Payroll Taxes - Company Portion							
7	Employer Federal Unemployment		13.46%	-22.87%	-9.41%	$15,853	($1,491)	12
8	Employer State Unemployment		13.46%	-18.09%	-4.63%	$87,980	($4,071)	13
9	FICA Expense	- Weekly	13.46%	-2.18%	11.28%	$1,503,490	$169,636	14
10		- Monthly	13.46%	-1.52%	11.94%	$1,140,211	$136,173	15
	Payroll Taxes and Other Withholding							
11	Employee FICA and Federal Withholding	- Weekly			-0.27%	$9,299,216	($25,108)	16
12		- Monthly			-1.69%	$316,757	($5,353)	17
13	Employee State Income Tax Withholding	- Weekly			0.30%	$1,587,753	$4,763	18
14		- Monthly			1.73%	$59,833	$1,035	19
15	Temporary Disability Insurance	- Weekly			-20.74%	$288,650	($59,866)	20
		- Monthly			-20.59%	$7,778	($1,601)	21
15	Employee Incentive Thrift	- Weekly			0.00%			
16		- Monthly			0.00%			
15	Total Working Capital Requirement - Distribution					**$136,772,050**	**$6,630,346**	

Supplemental Compliance Attachment 8

Narragansett Electric Revenue Allocation

Rate Years 1, 2, 3

Including allocation of results of Rate Year 1 Allocated Cost of Service Study

Years 2 and 3 Base Rate Increases

Grid Mod and Special Sector Program revenue requirement for Rate Years 1, 2, 3

The Narragansett Electric Company
REVENUE ALLOCATION- SETTLEMENT

Line	From ACOS Rate Year Ending August 31, 2019 (Rate Year 1) Compliance Attachment 6 Filed August 16, 2018	Source		Total	Residential Rate A-16/ A-60	Small C&I Rate C-06	General C&I Rate G-02	200 kW Demand Rate G-32	5000 kW Demand Rate G-62	Lighting Rates S-05/S-06/ S-10/S-14	Propulsion Rate X-01
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	**SECTION 1. SUMMARY OF RESULTS OF COMPLIANCE ALLOCATED COST OF SERVICE STUDY**										
2	Distribution Revenue at Present Rates	Comp Att 6, Sch 1-A		270,562	144,411	28,721	42,948	38,923	6,578	8,290	692
3	Late Payment Charges	Comp Att 6, Sch 1-A		1,657	884	176	263	238	40	51	4
4	Other Revenue	Comp Att 6, Sch 1-A		6,873	3,838	759	1,150	811	146	163	7
5	**Total Revenue at Present Rates**			279,092	149,133	29,655	44,360	39,972	6,764	8,503	703
6	Expenses	Comp Att 6, Sch 1-A		237,632	133,472	26,352	35,938	29,175	5,218	7,358	119
7	Net Income			41,460	15,661	3,304	8,422	10,797	1,547	1,145	584
8	Rate Base	Comp Att 6, Sch 1-A		729,511	404,995	75,009	117,155	105,364	18,485	8,296	208
9	Return at Present rates	Comp Att 6, Sch 1-A		5.68%	3.87%	4.40%	7.19%	10.25%	8.37%	13.81%	281.17%
10	Relative Return	Class/ Total		1.00 X	0.68 X	0.78 X	1.26 X	1.80 X	1.47 X	2.43 X	49.47 X
11	Return on Rate Base at System Return		6.97%	50,847	28,228	5,228	8,166	7,344	1,288	578	14
12	Operating Expenses	Comp Att 6, Sch 1-A		232,353	130,835	25,822	35,049	28,281	5,074	7,200	92
13	Uncollectibles	Comp Att 6, Sch 1-A		4,279	2,403	469	653	539	96	117	2
14	Income Tax Expense		6.70%	3,652	2,027	376	586	527	93	42	1
15	Total Distribution Revenue Requirement		7.18%	291,131	163,494	31,894	44,454	36,692	6,551	7,936	109
16	Less: Other revenue	Sum Lines 3-4		8,530	4,723	935	1,413	1,049	186	214	11
17	Distribution Rates Revenue Requirement			282,601	158,771	30,960	43,042	35,642	6,365	7,723	98
18	**Increase/(Decrease) - Total Dist Revenue**			**12,039**	**14,361**	**2,239**	**94**	**(3,281)**	**(213)**	**(567)**	**(594)**
19	M1 Increase		0.002%	(6)	(3)	(1)	(1)	(1)	0	0	0
20	**Increase/(Decrease) - Total Dist Revenue**			12,033	14,358	2,238	93	(3,282)	(213)	(567)	(594)
21	**Percentage Increase/(Decrease) to Full COS**	Line 18 / Line 2		**4.4%**							
22	**Percentage Increase/(Decrease) excl M-01**	Line 20 / Line 2		**4.4%**	**9.9%**	**7.8%**	**0.2%**	**(8.4%)**	**(3.2%)**	**(6.8%)**	**(85.8%)**
23											

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 8
Schedule 3
Page 1 of 3

The Narragansett Electric Company

REVENUE ALLOCATION- SETTLEMENT

Line	From ACOS Rate Year Ending August 31, 2019 (Rate Year 1) Compliance Attachment 6 Filed August 16, 2018	Source		Total	Residential Rate A-16/ A-60	Small C&I Rate C-06	General C&I Rate G-02	200 kW Demand Rate G-32	5000 kW Demand Rate G-62	Lighting Rates S-05/S-06/ S-10/S-14	Propulsion Rate X-01
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
24				**SECTION 2. APPROVED REVENUE ALLOCATION**							
25	**Percentage Increase/(Decrease) to Full COS**	Line 22		**4.45%**	**9.9%**	**7.8%**	**0.2%**	**(8.4%)**	**(3.2%)**	**(6.8%)**	**(85.8%)**
26	Relative Increase (Decrease)	Class/ Total		1.00 X	2.24 X	1.75 X	0.05 X	(1.90)X	(0.73)X	(1.54)X	(19.29)X
27		Input			Max Rel Incr	2.00 X	8.9%	Min Rel Incr	(2.00)X	(8.9%)	
28	Increase / (Decrease) for Full COS	Line 20		12,033	14,358	2,238	93	(3,282)	(213)	(567)	(594)
29	Reduce classes over maximum increase 2.00X average			(1,513)	(1,513)	-	-	-	-	-	-
30	Increase classes under minimum increase -2.00X average			532	-	-	-	-	-	-	532
31				11,052	12,845	2,238	93	(3,282)	(213)	(567)	(62)
32	Re-allocation of Surplus on Rev Req	Alloc Line 29-30		980	0	245	341	282	50	61	1
33	Subtotal			12,033	12,845	2,483	434	(3,000)	(162)	(506)	(61)
34	Increase classes under minimum increase -2.00X average			0	0	0	0	0	0	0	0
35	Adjustments			0	(33)	50	120	130	22	(28)	(261)
36	**Increase/(Decrease) - Total Dist Revenue**		12,033	**12,033**	**12,812**	**2,533**	**554**	**(2,870)**	**(140)**	**(534)**	**(322)**
36A	Increase/(Decrease) - Original Settlement		14,075	14,075	14,412	2,664	692	(2,792)	(126)	(454)	(322)
37	**Percentage Increase/(Decrease)**	Line 36 / Line 2		**4.45%**	**8.87%**	**8.82%**	**1.29%**	**(7.37%)**	**(2.14%)**	**(6.44%)**	**(46.50%)**
38	Relative Increase (Decrease)	Class/ Total		1.00 X	1.99 X	1.98 X	0.29 X	(1.66)X	(0.48)X	(1.45)X	(10.46)X
39	Distribution Rates Revenue at Present	Line 2		270,562	144,411	28,721	42,948	38,923	6,578	8,290	692
40	Increase/(Decrease) - Total Dist Revenue	Line 36		12,033	12,812	2,533	554	(2,870)	(140)	(534)	(322)
41	**Distribution Rates Revenue at Proposed**			**282,595**	**157,223**	**31,254**	**43,501**	**36,053**	**6,438**	**7,756**	**370**
42	Other Revenue	Line 16 - Line 19		8,536	4,726	936	1,414	1,050	186	214	11
43	Total Revenue			291,131	161,948	32,189	44,915	37,104	6,624	7,969	381
44	Operating Expenses	Line 12		(232,353)	(130,835)	(25,822)	(35,049)	(28,281)	(5,074)	(7,200)	(92)
45	Uncollectibles	Alloc Line 13		(4,279)	(2,381)	(473)	(659)	(546)	(97)	(117)	(6)
46	Income Tax Expense	Sum Line 43-45 X 6.7%		(3,652)	(1,925)	(395)	(617)	(555)	(97)	(44)	(19)
47	**Return on Rate Base at Proposed Rates**			**50,847**	**26,807**	**5,499**	**8,591**	**7,722**	**1,355**	**608**	**264**
48	**Return on Rate Base at Proposed Rates**	**Line 47 / Line 44**		**6.97%**	**6.62%**	**7.33%**	**7.33%**	**7.33%**	**7.33%**	**7.33%**	**127.33%**
49	**Relative return**	**Relative Line 48**		**1.00 X**	**0.95 X**	**1.05 X**	**1.05 X**	**1.05 X**	**1.05 X**	**1.05 X**	**18.27 X**
50	**Progress Toward Unity**				**84%**	**123%**	**80%**	**94%**	**89%**	**96%**	**64%**

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 8
Schedule 3
Page 2 of 3

The Narragansett Electric Company
REVENUE ALLOCATION- SETTLEMENT

Line	From ACOS Rate Year Ending August 31, 2019 (Rate Year 1) Compliance Attachment 6 Filed August 16, 2018	Source	Total	Residential Rate A-16/ A-60	Small C&I Rate C-06	General C&I Rate G-02	200 kW Demand Rate G-32	5000 kW Demand Rate G-62	Lighting Rates S-05/S-06/ S-10/S-14	Propulsion Rate X-01
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
51		**SECTION 3. ALLOCATION PERCENTAGES FOR ADJUSTMENTS TO REVENUE ALLOCATION**								
52	Distribution Revenue Allocation from ACOSS	Line 41	$282,595	$157,223	$31,254	$43,501	$36,053	$6,438	$7,756	$370
53	Allocation Percentage	Shares of Line 52	100.0%	55.6%	11.1%	15.4%	12.8%	2.3%	2.7%	0.1%
54		**SECTION 4. APPROVED RATE YEAR 1 TOTAL CLASS REVENUE REQUIREMENT**								
55	Distribution Revenue Allocation from ACOSS	Line 52	$282,595	$157,223	$31,254	$43,501	$36,053	$6,438	$7,756	$370
56	Grid Modernization Revenue Requirement	Compl Attachment 1	1,276	710	141	196	163	29	35	2
57	Special Sector Programs	Compl Attachment 1	802	446	89	123	102	18	22	1
58	**Total Rate Year 1 Base Distribution Rev Req**	Sum Lines 55-57	**$284,672**	**$158,378**	**$31,483**	**$43,821**	**$36,318**	**$6,485**	**$7,813**	**$373**
58(A)	Increase in Revenue Requirement to be recovered in RDM	Difference between Compl Att 2, Sch. 1 (ELEC) p 1, col (e) filed August 16, 2018 and Supplemental Compl Att 2, Sch. 1 (ELEC) p 1, col (e)	1,781	991	197	274	227	41	49	2
58(B)	**Final Rate Year 1 Distribution Arevenue Requirement**	Sum Lines 58-58(A)	**$286,454**	**$159,369**	**$31,680**	**$44,095**	**$36,546**	**$6,526**	**$7,862**	**$375**
59		**SECTION 5. RATE YEAR 2 PROPOSED TOTAL CLASS REVENUE REQUIREMENT**								
60	Total Rate Year 1 Base Distribution Rev Req	Line 58(B)	$286,454	$159,369	$31,680	$44,095	$36,546	$6,526	$7,862	$375
61	Annual Increase to Revenue Requirement	Difference between Compl Att 2, Sch. 1 (ELEC) p 2, col (g) filed August 16, 2018 and Supplemental Compl Att 2, Sch. 1 (ELEC) p 2, col (g)	3,590	1,997	397	553	458	82	99	5
62	Grid Modernization Revenue Requirement	Compl Attachment 1	5,981	3,328	661	921	763	136	164	8
63	Special Sector Programs	Compl Attachment 1	621	346	69	96	79	14	17	1
64	**Total Rate Year 2 Base Distribution Rev Req**	Sum Lines 60-63	**$296,645**	**$165,040**	**$32,808**	**$45,664**	**$37,846**	**$6,758**	**$8,141**	**$389**
65		**SECTION 6. RATE YEAR 3 PROPOSED TOTAL CLASS REVENUE REQUIREMENT**								
66	Total Rate Year 2 Base Distribution Rev Req	Line 64	$296,645	$165,040	$32,808	$45,664	$37,846	$6,758	$8,141	$389
67	Annual Increase to Revenue Requirement	Difference between Compl Att 2, Sch. 1 (ELEC) p 3, col (i) filed August 16, 2018 and Supplemental Compl Att 2, Sch. 1 (ELEC) p 3, col (i)	2,265	1,260	251	349	289	52	62	3
68	Grid Modernization Revenue Requirement	Compl Attachment 1	729	406	81	112	93	17	20	1
69	Special Sector Programs	Compl Attachment 1	1,160	645	128	179	148	26	32	2
70	**Total Rate Year 3 Base Distribution Rev Req**	Sum Lines 66-69	**$300,800**	**$167,351**	**$33,267**	**$46,304**	**$38,376**	**$6,852**	**$8,255**	**$394**

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 8
Schedule 3
Page 3 of 3

Supplemental Compliance Attachment 9

Narragansett Electric Distribution Rate Design

Rate Years 1, 2, 3

The Narragansett Electric Company
Development of Proposed Rates

The Narragansett Electric Company
Rate Design for Residential Rates A-16 / A-60

Line		Billing Units	Rates / Revenue Year 1	Year 2	Year 3
		(a)	(b)	(c)	(d)
1	Revenue Allocation		**$158,378,401**	**$165,039,684**	**$167,350,868**
2					
3	**Customer Charge**	A-16	$6.00	$6.00	$6.00
4		A-60	$6.00	$6.00	$6.00
5					
6	Monthly Bills- A-16	4,847,495	$29,084,971	$29,084,971	$29,084,971
7	Monthly Bills- A-60	437,171	$2,623,027	$2,623,027	$2,623,027
8	**Customer Charge Revenue**	5,284,666	**$31,707,998**	**$31,707,998**	**$31,707,998**
9					
10	**Energy-based Charge**	A-16	$0.04298	$0.04524	$0.04603
11		A-60	$0.04298	$0.04524	$0.04603
12					
13	kWh Deliveries-A-16	2,723,228,532	$117,044,362	$123,198,859	$125,350,209
14	kWh Deliveries-A-60	223,496,800	$9,605,892	$10,110,995	$10,287,558
15	**Distribution Charge Revenue**	2,946,725,332	**$126,650,255**	**$133,309,854**	**$135,637,767**
16					
17	Rate A-16 Rev		$146,129,333	$152,283,830	$154,435,180
18	Rate A-60 Rev		$12,228,919	$12,734,022	$12,910,585
19					
20	**Total Revenue**		**$158,358,252**	**$165,017,852**	**$167,345,765**
21					
22	Difference		($20,149)	($21,833)	($5,104)
23					

Line	Item	Source
24		
25	Line 1	Comp Att 8, Schedule 3, Lines 58, 64, 70
26	Lines 6-7, Column (a)	Comp Att 9, Schedule 4-K, Lines 10-11
27	Lines 3-4, Columns (b), (c), (d)	Proposed
28	Lines 13-14, Column (a)	Comp Att 9, Schedule 4-K, Lines 10-11
29	Lines 10-11, Columns (b), (c), (d)	Proposed, to produce revenue targets
30		

The Narragansett Electric Company
Rate Design for Small C & I - Rate C-06

			Rates / Revenue		
Line		**Billing Units**	**Year 1**	**Year 2**	**Year 3**
		(a)	(b)	(c)	(d)
1	Revenue Allocation		**$31,483,492**	**$32,807,664**	**$33,267,096**
2					
3	**Customer Charge**	Metered	$10.00	$10.00	$10.00
4		Unmetered	$8.75	$8.75	$8.75
5					
6	Monthly Bills- Metered	616,686	$6,166,861	$6,166,861	$6,166,861
7	Monthly Bills- Unmetered	9,906	$86,678	$86,678	$86,678
8	**Customer Charge Revenue**	626,592	**$6,253,540**	**$6,253,540**	**$6,253,540**
9					
10	**Energy-based Charge**	Metered	$0.04207	$0.04428	$0.04504
11		Unmetered	$0.04207	$0.04428	$0.04504
12					
13					
14	kWh Deliveries- Metered	595,486,038	$25,052,098	$26,368,122	$26,820,691
15	kWh Deliveries- Unmetered	3,495,266	$147,046	$154,770	$157,427
16		598,981,304	$25,199,143	$26,522,892	$26,978,118
17					
18	**kVA Charge**	Metered	$1.85	$1.85	$1.85
19		Unmetered	$1.85	$1.85	$1.85
20					
21	Over 25 kVA- Metered	7,800	$14,430	$14,430	$14,430
22	Over 25 kVA- Unmetered	8,724	$16,139	$16,139	$16,139
23		16,524	$30,569	$30,569	$30,569
24	**Distribution Charge Revenue**		**$25,229,713**	**$26,553,462**	**$27,008,687**
25					
26	**Total Revenue**		**$31,483,253**	**$32,807,001**	**$33,262,227**
27					
28	Difference		($240)	($663)	($4,869)
29					
30	Item		Source		
31	Line 1		Comp Att 8, Schedule 3, Lines 58, 64, 70		
32	Lines 6-7, Column (a)		Comp Att 9, Schedule 4-K, Lines 14-15		
33	Lines 14-15, Column (a)		Comp Att 9, Schedule 4-K, Line 32, Line 36		
34	Lines 21-22, Column (a)		Comp Att 9, Schedule 4-K, Line 33, Line 37		
35	Lines 3-4, Columns (b), (c), (d)		Proposed		
36	Lines 18-19, Columns (b), (c), (d)		Proposed (same as present)		
37	Lines 10-11, Columns (b), (c), (d)		Proposed, to produce revenue targets		
38					

The Narragansett Electric Company
Rate Design for General C&I - Rate G-02

Line			Billing Units	Rates / Revenue Year 1	Year 2	Year 3
			(a)	(b)	(c)	(d)
1	Revenue Allocation			**$43,821,138**	**$45,664,223**	**$46,303,696**
2						
3	**Customer Charge**			$145.00	$145.00	$145.00
4						
5	Monthly Bills		104,935	$15,215,642	$15,215,642	$15,215,642
6	**Customer Charge Revenue**			**$15,215,642**	**$15,215,642**	**$15,215,642**
7						
8	**Usage-based Charges**	Energy		$0.00409	$0.00483	$0.00491
9		Demand		$6.50	$6.75	$6.90
10		HVD Credit		($0.32)	($0.32)	($0.32)
11		HVM Discount		(0.050%)	(0.050%)	(0.050%)
12						
13	kWh Deliveries		1,290,927,306	$5,279,893	$6,235,179	$6,338,453
14	Demand Billing Units (in excess of 10kW)		3,594,077	$23,361,497	$24,260,017	$24,799,128
15	HVD Billing Credit Units		64,848	($20,751)	($20,751)	($20,751)
16	HVM Discount			($21,908)	($22,834)	($23,155)
17	**Distribution Charge Revenue**			**$28,598,730**	**$30,451,610**	**$31,093,674**
18	**Total Revenue**			**$43,814,372**	**$45,667,251**	**$46,309,316**
19						
20	Difference			($6,766)	$3,029	$5,620
21						
22	HVM Discount Basis			$43,857,032	$45,710,837	$46,353,223
23						

Line	Item	Source
24	Item	Source
25	Line 1	Comp Att 8, Schedule 3, Lines 58, 64, 70
26	Lines 5, 13, 14, 15, 16, Column (a)	Comp Att 9, Schedule 4-K, Line 16
27	Line 3, Columns (b), (c), (d)	Proposed
28	Line 9, Columns (b), (c), (d)	Proposed
29	Line 10, Columns (b), (c), (d)	Comp Att 9, Sch. 4-H
30	Line 16, Columns (b), (c), (d)	Same % as present
31	Line 8, Columns (b), (c), (d)	Proposed, to produce revenue targets
32		

The Narragansett Electric Company
Rate Design for Large Demand - Rate G-32 / G-62 (includes Back-up Rate B-32 / B-62)

Line			Billing Units	Rates / Revenue Year 1	Year 2	Year 3
			(a)	(b)	(c)	(d)
1	Revenue Allocation- G-32			$36,318,468	$37,845,998	$38,375,986
2	Revenue Allocation- G-62			$6,484,923	$6,757,674	$6,852,308
3				**$42,803,391**	**$44,603,672**	**$45,228,294**
4						
5	**Customer Charge**	B-32		$1,100.00	$1,100.00	$1,100.00
6		G-32 / G-62		$1,100.00	$1,100.00	$1,100.00
7						
8	Monthly Bills B-32		60	$66,172	$66,172	$66,172
9	Monthly Bills G-32 / G-62		13,403	$14,743,034	$14,743,034	$14,743,034
10	**Customer Charge Revenue**		13,463	**$14,809,206**	**$14,809,206**	**$14,809,206**
11						
12	**Usage-based Charges**	Energy B-32		$0.00385	$0.00428	$0.00438
13		Energy G-32 / G-62		$0.00385	$0.00428	$0.00438
14						
15		Demand B-32 Back-up		$0.73	$0.78	$0.79
16		Demand B-32 Supp		$5.00	$5.20	$5.30
17		Demand G-32 / G-62		$5.00	$5.20	$5.30
18						
19		HVD Credit Trans		($4.21)	($4.21)	($4.21)
20		HVD Credit 2.4 kV		($0.32)	($0.32)	($0.32)
21		Second Feeder Service		$4.21	$4.21	$4.21
22						
23		HVM Discount		(0.942%)	(0.942%)	(0.942%)
24						
25	kWh Sales		13,230,918	$50,939	$56,628	$57,951
26	kWh Sales		2,359,849,091	$9,085,419	$10,100,154	$10,336,139
27			2,373,080,009	$9,136,358	$10,156,782	$10,394,090
28	Demand Charge (Over 200 kW)					
29	Demand Billing Units		95,646	$69,822	$74,604	$75,561
30			31,317	$156,586	$162,849	$165,981
31			3,856,449	$19,282,246	$20,053,536	$20,439,180
32			3,983,413	$19,508,653	$20,290,989	$20,680,722
33						
34	HVD Billing Credit Units		176,161	($741,638)	($741,638)	($741,638)
35			2,286,043	($731,534)	($731,534)	($731,534)
36			2,462,204	($1,473,172)	($1,473,172)	($1,473,172)
37						
38	HVM Discount		$44,698,980	($420,890)	($420,890)	($420,890)
39	Second Feeder Service		295,668	$1,244,762	$1,244,762	$1,244,762
40	**Distribution Charge Revenue**			**$27,995,712**	**$29,798,472**	**$30,425,513**
41						
42	**Total Revenue**			**$42,804,918**	**$44,607,678**	**$45,234,719**
43						
44	**Design of Back-up Demand Charge**					
45	Revenue Requirement (Demand and Energy Based Charges)			$28,575,190	$30,373,167	$30,999,252
46	Demand billing Units (Supplemental and G-32 over 200 kW			3,887,766	3,887,766	3,887,766
47	Back-up Demand Charge before Discount			$7.35	$7.81	$7.97
48	Back-up Demand Charge after Dis		90.0%	$0.73	$0.78	$0.79
49						
50	Difference			$1,527	$4,006	$6,425
51						

Line	Item	Source
52	Item	Source
53	Line 3	Comp Att 8, Schedule 3, Lines 58, 64, 70
54	Lines 8-9, 25-26, 34-35 and 39, Column (a)	Comp Att 9, Schedule 4-K, Line 12 and Line 17
55	Lines 29-31, Column (a)	Comp Att 9, Schedule 4-K, Line 26-Line 27, Line 17
56	Lines 5-6, 16-17, Columns (b), (c), (d)	Proposed
57	Lines 19-21, Columns (b), (c), (d)	Comp Att 9, Sch. 4-H
58	Lines 12-13, Columns (b), (c), (d)	Proposed, to produce revenue targets
59	Line 15, Columns (b), (c), (d)	Line 48
60	Line 23, Columns (b), (c), (d)	Same % as present

The Narragansett Electric Company
Rate Design for Propulsion - Rate X-01

Line		Billing Units	Rates / Revenue Year 1	Year 2	Year 3
		(a)	(b)	(c)	(d)
1	Revenue Allocation		**$372,962**	**$388,649**	**$394,092**
2					
3	**Customer Charge**		$21,000.00	$21,000.00	$21,000.00
4					
5	Monthly Bills	12	$256,954	$256,954	$256,954
6	**Customer Charge Revenue**		**$256,954**	**$256,954**	**$256,954**
7					
8	**Energy-based Charge**		$0.00484	$0.00549	$0.00572
9					
10	kWh Sales	23,962,704	$115,979	$131,555	$137,067
11	**Distribution Charge Revenue**		**$115,979**	**$131,555**	**$137,067**
12					
13	**Total Revenue**		**$372,934**	**$388,509**	**$394,021**
14					
15	Difference		($28)	($139)	($71)
16					
17	Item	Source			
18	Line 1	Comp Att 8, Schedule 3, Lines 58, 64, 70			
19	Lines 5 and 10, Column (a)	Comp Att 9, Schedule 4-K, Line 23			
20	Line 3, Columns (b), (c), (d)	Proposed			
21	Line 8, Columns (b), (c), (d)	Proposed, to produce revenue targets			

The Narragansett Electric Company
Rate Design for Street and Area Lighting

ISR Cap Ex Factor $0.01422

Line	Type	Lumens Description	S-10 Units	S-14 Units	Annual kWh / unit	Current Annual Price w/ ISR	Replacement Cost Annual Price	Year 1 Proposed Annual Price	Year 1 Annual Revenue	Year 2 Proposed Annual Price	Year 2 Annual Revenue	Year 3 Proposed Annual Price	Year 3 Annual Revenue	Note
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
1		Revenue Allocation							**$7,812,856**		**$8,141,460**		**$8,255,471**	
2														
3	**Incan-descent**	LUM INC RWY 105W	6	236	443	$83.73		$78.72	$19,050	$81.96	$19,834	$83.10	$20,110	(1)
4		LUM INC RWY 205W (S-14 Only)		27	860	$89.66		$78.72	$2,125	$81.96	$2,213	$83.10	$2,244	(1)
5			6	263					$21,176		$22,047		$22,354	
6														
7	**Mercury Vapor Fixtures**	LUM MV RWY 100W	100	2,355	543	$85.78		$82.62	$202,832	$86.02	$211,179	$87.22	$214,125	(1)
8		LUM MV RWY 175W	115	239	881	$90.59		$82.62	$29,247	$86.02	$30,451	$87.22	$30,876	(1)
9		LUM MV RWY 250W (S-14 Only)		57	1,282	$138.62		$134.45	$7,664	$139.98	$7,979	$141.94	$8,091	(1)
10		LUM MV RWY 400W	34	716	1,991	$191.77		$185.85	$139,388	$193.50	$145,125	$196.20	$147,150	(1)
11		LUM MV RWY 1000W	4	7	4,572	$228.47		$185.85	$2,044	$193.50	$2,129	$196.20	$2,158	(1)
12		LUM MV FLD 400W	412	28	1,991	$209.68		$212.93	$93,689	$221.70	$97,548	$224.80	$98,912	(1)
13		LUM MV FLD 1000W	207	3	4,572	$246.38		$212.93	$44,715	$221.70	$46,557	$224.80	$47,208	(1)
14		LUM MV POST 175W (S-14 Only)		2	881	$169.33		$159.10	$318	$165.65	$331	$167.96	$336	(1)
15			872	3,407					$519,898		$541,299		$548,856	
16														
17	**High Pressure Sodium Vapor Fixtures**	LUM HPS RWY 50W	116	25,601	255	$81.06		$78.72	$2,024,442	$81.96	$2,107,765	$83.10	$2,137,083	(2)
18		LUM HPS RWY 70W	271	9,152	359	$82.01		$79.65	$750,542	$82.93	$781,449	$84.09	$792,380	(2)
19		LUM HPS RWY 100W	192	5,957	493	$85.07		$82.62	$508,030	$86.02	$528,937	$87.22	$536,316	(2)
20		LUM HPS RWY 150W	16	8	722	$88.85		$86.29	$2,071	$89.84	$2,156	$91.09	$2,186	(2)
21		LUM HPS RWY 250W	185	4,534	1,269	$138.44		$134.45	$634,470	$139.98	$660,566	$141.94	$669,815	(2)
22		LUM HPS RWY 400W	41	180	1,962	$191.36		$185.85	$41,073	$193.50	$42,764	$196.20	$43,360	(2)
23		WALL HPS 250W 24 HR			2,663	$210.08		$204.03	$0	$212.43	$0	$215.40	$0	(2)
24		LUM HPS FLD 250W	1,013	243	1,269	$164.16		$159.43	$200,244	$165.99	$208,483	$168.31	$211,397	(2)
25		LUM HPS FLD 400W	1,977	574	2,663	$219.24		$212.93	$543,184	$221.70	$565,557	$224.80	$573,465	(2)
26		LUM HPS POST 50W	43	50	255	$159.12		$154.54	$14,372	$160.90	$14,964	$163.15	$15,173	(2)
27		LUM HPS POST 100W	40	851	493	$163.81		$159.10	$141,758	$165.65	$147,594	$167.96	$149,652	(2)
28		LUM HPS REC 100W-C1			493	$106.00		$102.95	$0	$107.19	$0	$108.69	$0	(2)
29			3,894	47,150					$4,860,187		$5,060,235		$5,130,827	
30														
31	**Metal Halide**	LUM MH FLD 400W	21		1,883	$208.15		$202.16	$4,245	$210.48	$4,420	$213.42	$4,482	(2)
32		LUM MH FLD 1000W			4,502	$245.39		$238.33	$0	$248.14	$0	$251.61	$0	(2)
33			21	0					$4,245		$4,420		$4,482	
34														
35	**Light Emitting Diode ("LED")**	LED RWY 20W			88	$91.86	$134.16	$134.16	$0	$139.68	$0	$141.63	$0	(3)
36		LED RWY 30W			130	$91.62	$135.69	$135.69	$0	$141.28	$0	$143.25	$0	(3)
37		LED RWY 60W			255	$102.78	$142.45	$142.45	$0	$148.31	$0	$150.38	$0	(3)
38		LED RWY 140W			589	$163.41	$174.60	$174.60	$0	$181.79	$0	$184.33	$0	(3)
39		LED RWY 275W			1,153	$214.67	$237.45	$237.45	$0	$247.23	$0	$250.69	$0	(3)
40		LED POST Top 60W			255	$151.32	$199.26	$199.26	$0	$207.46	$0	$210.36	$0	(3)
41			0	0					$0		$0		$0	
42														
43	**Temp-Off**	LUM INC RWY 105W TT		1		$46.46		$42.12	$42	$43.85	$44	$44.46	$44	(4)
44		LUM MV RWY 400W TT		1		$98.08		$99.00	$99	$103.07	$103	$104.51	$105	(4)
45		LUM HPS RWY 50W TT		785		$46.46		$42.12	$33,064	$43.85	$34,422	$44.46	$34,901	(4)
46		LUM HPS RWY 70W TT		23		$46.15		$42.62	$980	$44.37	$1,021	$44.99	$1,035	(4)
47		LUM HPS RWY 100W TT		183		$46.84		$44.20	$8,089	$46.02	$8,422	$46.66	$8,539	(4)
48		LUM HPS RWY 250W TT		296		$72.23		$71.94	$21,294	$74.90	$22,170	$75.94	$22,478	(4)
49		LUM HPS RWY 400W TT		17		$98.08		$99.44	$1,690	$103.53	$1,760	$104.97	$1,784	(4)
50		LUM HPS POST 100W TT				$94.08		$85.13	$0	$88.63	$0	$89.87	$0	(4)
51		LUM HPS FLD 250W TT		1		$87.67		$85.31	$85	$88.82	$89	$90.06	$90	(4)
52		LUM HPS FLD 400W TT		3		$108.82		$113.93	$342	$118.62	$356	$120.28	$361	(4)
53		LUM MH FLD 400W TT				$108.82		$108.17	$0	$112.62	$0	$114.19	$0	(4)
54				1,310					$65,686		$68,386		$69,337	
55		**Total Luminaires**	**4,793**	**52,130**					**$5,471,192**		**$5,696,388**		**$5,775,856**	
56														
57	**Standards**	POLE-WOOD	178	258		$133.71		$129.86	$56,619	$135.21	$58,952	$137.10	$59,776	(2)
58		POLE FIBER PT EMB <25' w/out foundation	97	455		$260.22		$252.73	$139,507	$263.14	$145,253	$266.82	$147,285	(2)
59		POLE FIBER RWY <25 w/ foundation	18	628		$424.14		$411.94	$266,113	$428.91	$277,076	$434.91	$280,952	(2)
60		POLE FIBER RWY => 25 w/ foundation		52		$473.53		$459.91	$23,915	$478.85	$24,900	$485.55	$25,249	(2)
61		POLE METAL=>25FT (with foundation)	38	1,588		$484.72		$470.78	$765,488	$490.17	$797,016	$497.03	$808,171	(2)
62		POLE METAL EMBEDDED (S-14 Only)		2		$405.16		$393.51	$787	$409.72	$819	$415.45	$831	(2)
63		**Total Standards**	**331**	**2,983**					**$1,252,430**		**$1,304,017**		**$1,322,262**	
64														
65	S-10		5,124			Average per unit		$177.64	$910,209	$184.95	$947,688	$187.54	$960,937	
66	S-14			55,113		Average per unit		$105.48	$5,813,412	$109.82	$6,052,716	$111.36	$6,137,182	
67									**$6,723,621**		**$7,000,404**		**$7,098,118**	
68			**Units**											
69	**S-06 (Decorative)**	DEC HPS AG 50W			255	$295.97	$224.16	$224.16	$0	$233.39	$0	$236.65	$0	(3)
70		DEC HPS AG 100W			493	$287.78	$224.92	$224.92	$0	$234.18	$0	$237.45	$0	(3)
71		DEC HPS WL 50W			255	$328.98	$247.88	$247.88	$0	$258.09	$0	$261.70	$0	(3)
72		DEC HPS WL 100W			493	$332.31	$259.67	$259.67	$0	$270.36	$0	$274.14	$0	(3)
73		DEC HPS TR-TW 50W			510	$513.54	$346.93	$346.93	$0	$361.22	$0	$366.27	$0	(3)
74		DEC HPS TR-TW 100W			986	$523.48	$364.72	$364.72	$0	$379.74	$0	$385.05	$0	(3)
75		DEC HPS AG-TW 50W			510	$701.09	$482.93	$482.93	$0	$502.82	$0	$509.86	$0	(3)
76		DEC HPS AG-TW 100W			986	$684.73	$484.46	$484.46	$0	$504.41	$0	$511.47	$0	(3)
77		DEC HPS WL-TW 50W			510	$767.12	$530.37	$530.37	$0	$552.22	$0	$559.95	$0	(3)
78		DEC HPS WL-TW 100W	7		986	$773.79	$553.95	$553.95	$3,878	$576.77	$4,037	$584.84	$4,094	(3)
79		DEC LED TR 60W			255	$151.32	$199.26	$199.26	$0	$207.46	$0	$210.36	$0	(3)
80		DEC LED TR-TW 60W			510	$405.15	$398.52	$398.52	$0	$414.93	$0	$420.74	$0	(3)
81		**Total Luminaires**	**7**						**$3,878**		**$4,037**		**$4,094**	
82														
83	**S-06 Standards**	DEC VILL PT/FDN				$566.70	$340.96	$340.96	$0	$355.00	$0	$359.97	$0	(3)
84		DEC WASH PT/FDN	7			$575.78	$450.86	$450.86	$3,156	$469.43	$3,286	$476.00	$3,332	(3)
85														
86		**Total Standards**	**7**						**$3,156**		**$3,286**		**$3,332**	
87		**Total Luminairies and Standards**	14			Average per unit		$502.41	**$7,034**	$523.10	**$7,323**	$530.42	**$7,426**	
88														
89	**TOTAL LIGHTS & STANDARDS**		**5,138**	**55,113**					**$6,730,655**		**$7,007,728**		**$7,105,544**	
90														
91	**S-05**													
92		Annual kWh X 1000		30,303,659	kWh		Rate	$0.03571	$1,082,144	$0.03741	$1,133,660	$0.03793	$1,149,418	
93		Percent Increase (based on Revenue Requirement percent increase year over year)								4.8%		1.4%		
94									**$7,812,799**		**$8,141,388**		**$8,254,962**	
95														
96								Difference	($57)	Difference	($73)	Difference	($509)	
97														

98 Notes:
99 (1) Proposed = Equivalent Sodium Vapor replacement luminaire
100 (2) Year 1 Proposed = [Current X 97.12%], Year 2 Proposed = Year 1 Proposed x 3.7 percent increase in Stlt revenue requirement for Year 2,
Year 3 Proposed = Year 2 Proposed x 1.5 percent increase in Stlt revenue requirement for Year 3
101 (3) Proposed = Replacement cost
102 (4) Proposed Temp-off = Full price X 53.51%

The Narragansett Electric Company
Rate Design for Station Power- Rate M-1

Line		Billing Units	Proposed Rates	Revenue
		(a)	(b)	(c)
1	Current Customer Charge		$3,959.09	
2	System Average Percentage Increase		4.4%	
3				
4	Customer Charge:			
5	Monthly Bills	36	$4,135.00	$148,860
6				
7				
8				
9				
10				

The Narragansett Electric Company
2.4 kV Discount and Transmission Level Discount

		Source	Rate
1	2.4 kV Discount		
2	Transformer Billing Credit per kW-month	Comp Att. Sch. 1C-4	**($0.32)**
3			
4	Tranmission Level Discount		
5	Incremental Discount - Transmission Level Discount per kW-month	Line 6- Line 2	($3.89)
6	Total Discount for Transmission- Rate G32 kW Charge	- Line 12	**($4.21)**
7			
8	Second Feeder Service		
9	Primary Distribution Revenue Requirement per kW-Month, Rates G-32/ G-62	Comp Att. Sch. 1C-1	$5.68
10	Annual Transmission Level NCP Demand Units- B32/G32/B62/G62		5,642,124
11	Annual Billing Demand Units- B32/G32/B62/G62		7,608,765
12	Convert NCP to Billing Units- Additional Charge- Second Feeder Service Rate per kW-month		**$4.21**

The Narragansett Electric Company
Summary of Proposed Electric Service Rates

		A-16	A-60	C-06	G-02	B-32 / G-32	X-01	Lighting Rates	M-1
		(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)
	Source:	*Sch. 4-A*	*Sch. 4-A*	*Sch. 4-B*	*Sch. 4-C*	*Sch. 4-D*	*Sch. 4-E*	*Sch. 4-F*	*Sch. 4-G*
								See Sch. 4-F	
1	Customer Charges (per month)								
2	Customer Charge	$6.00		$10.00	$145.00	$1,100.00	$21,000.00		$4,135.00
3	Unmetered Charge			$8.75					
4	Customer Charge Year 1		$2.00						
5	Customer Charge Year 2		$4.00						
6	Customer Charge Year 3		$6.00						
7									
8	Distribution per kWh Charge								
9	kWh Charge Year 1	$0.04298	$0.04298	$0.04207	$0.00409	$0.00385	$0.00484		
10	kWh Charge Year 2	$0.04524	$0.04524	$0.04428	$0.00483	$0.00428	$0.00549		
11	kWh Charge Year 3	$0.04603	$0.04603	$0.04504	$0.00491	$0.00438	$0.00572		
12									
13	Distribution Demand Charges (per kW)								
14	In excess of 10 kW Year 1				$6.50				
15	In excess of 10 kW Year 2				$6.75				
16	In excess of 10 kW Year 3				$6.90				
17	In excess of 200 kW Year 1					$5.00			
18	In excess of 200 kW Year 2					$5.20			
19	In excess of 200 kW Year 3					$5.30			
20	Backup Demand Charge - in excess of 200 kW Year 1					$0.73			
21	Backup Demand Charge - in excess of 200 kW Year 2					$0.78			
22	Backup Demand Charge - in excess of 200 kW Year 3					$0.79			
23									
24	Other Charges and Credits								
25	Additional Minimum Charge (per kVA excess 25 kVA)			$1.85					
26	2.4 kV Discount				($0.32)	($0.32)			
27	High Voltage Metering Discount				(1.0%)	(1.0%)			
28	Transmission Discount					($4.21)			
29	Second Feeder Service					$3.89			
30	Second Feeder Service - Additional Transformer Charge					$0.32			
31									
32	Other Proposed Charges								
33	Low Income Discount Recovery Factor	$0.00152	n/a	$0.00152	$0.00152	$0.00152	$0.00152		n/a
34									
35									
36	kWh X 1000	2,723,229	223,497	598,981	1,290,927	2,373,080	23,963		
37	Lighting								62,050
38	Total								7,295,727

The Narragansett Electric Company
Summary of Proposed Electric Service Rates- Street and Area Lighting
S-06, S-10 & S-14

				Year 1		Year 2		Year 3	
	Source:		*Sch. Sch. 4-F*	**Annual Charge per Fixture**		**Annual Charge per Fixture**		**Annual Charge per Fixture**	
Line		**Lumens**	**Description**	**Full Service**	**Temp off**	**Full Service**	**Temp off**	**Full Service**	**Temp off**
1	**S-10/S-14 Luminaires**								
2	Incandescent	1,000	LUM INC RWY 105W	$78.72	$42.12	$81.96	$43.85	$83.10	$44.46
3		2,500	LUM INC RWY 205W (S-14 Only)	$78.72	$42.12	$81.96	$43.85	$83.10	$44.46
4									
5		4,400	LUM MV RWY 100W	$82.62	$44.20	$86.02	$46.02	$87.22	$46.67
6		8,500	LUM MV RWY 175W	$82.62	$44.20	$86.02	$46.02	$87.22	$46.67
7		13,000	LUM MV RWY 250W (S-14 Only)	$134.45	$71.94	$139.98	$74.90	$141.94	$75.95
8	Mercury Vapor	23,000	LUM MV RWY 400W	$185.85	$99.44	$193.50	$103.54	$196.20	$104.98
9		63,000	LUM MV RWY 1000W	$185.85	$99.44	$193.50	$103.54	$196.20	$104.98
10		23,000	LUM MV FLD 400W	$212.93	$113.93	$221.70	$118.63	$224.80	$120.29
11		63,000	LUM MV FLD 1000W	$212.93	$113.93	$221.70	$118.63	$224.80	$120.29
12		8,500	LUM MV POST 175W (S-14 Only)	$159.10	$85.13	$165.65	$88.63	$167.96	$89.87
13									
14		4,000	LUM HPS RWY 50W	$78.72	$42.12	$81.96	$43.85	$83.10	$44.46
15		6,300	LUM HPS RWY 70W	$79.65	$42.62	$82.93	$44.37	$84.09	$44.99
16		9,600	LUM HPS RWY 100W	$82.62	$44.20	$86.02	$46.02	$87.22	$46.67
17		16,000	LUM HPS RWY 150W	$86.29	$46.17	$89.84	$48.07	$91.09	$48.74
18		27,500	LUM HPS RWY 250W	$134.45	$71.94	$139.98	$74.90	$141.94	$75.95
19	Sodium Vapor	50,000	LUM HPS RWY 400W	$185.85	$99.44	$193.50	$103.54	$196.20	$104.98
20		27,500	WALL HPS 250W 24 HR	$204.03	$109.17	$212.43	$113.67	$215.40	$115.26
21		27,500	LUM HPS FLD 250W	$159.43	$85.31	$165.99	$88.82	$168.31	$90.06
22		50,000	LUM HPS FLD 400W	$212.93	$113.93	$221.70	$118.63	$224.80	$120.29
23		4,000	LUM HPS POST 50W	$154.54	$82.69	$160.90	$86.09	$163.15	$87.30
24		9,600	LUM HPS POST 100W	$159.10	$85.13	$165.65	$88.63	$167.96	$89.87
25		9,600	LUM HPS REC 100W-C1	$102.95	$55.08	$107.19	$57.35	$108.69	$58.16
26									
27	Metal Halide	32,000	LUM MH FLD 400W	$202.16	$108.17	$210.48	$112.62	$213.42	$114.20
28		107,800	LUM MH FLD 1000W	$238.33	$127.53	$248.14	$132.77	$251.61	$134.63
29									
30		2,000	LED RWY 20W	$134.16	$71.78	$139.68	$74.74	$141.63	$75.78
31		2,700	LED RWY 30W	$135.69	$72.60	$141.28	$75.59	$143.25	$76.65
32	Light Emitting Diode	5,000	LED RWY 60W	$142.45	$76.22	$148.31	$79.36	$150.38	$80.46
33		13,000	LED RWY 140W	$174.60	$93.42	$181.79	$97.27	$184.33	$98.63
34		25,000	LED RWY 275W	$237.45	$127.05	$247.23	$132.29	$250.69	$134.14
35		5,000	LED POST Top 60W	$199.26	$106.62	$207.46	$111.01	$210.36	$112.56
36									
37			POLE-WOOD	$129.86	$129.86	$135.21	$135.21	$137.10	$137.10
38			POLE FIBER PT EMB <25' w/out foundation	$252.73	$252.73	$263.14	$263.14	$266.82	$266.82
39	S-10/S-14 Standards		POLE FIBER RWY <25 w/ foundation	$411.94	$411.94	$428.91	$428.91	$434.91	$434.91
40			POLE FIBER RWY => 25 w/ foundation	$459.91	$459.91	$478.85	$478.85	$485.55	$485.55
41			POLE METAL=>25FT (with foundation)	$470.78	$470.78	$490.17	$490.17	$497.03	$497.03
42			POLE METAL EMBEDDED (S-14 Only)	$393.51	$393.51	$409.72	$409.72	$415.45	$415.45
43									
44		4,000	DEC HPS TR 50W	$154.54		$160.90		$163.15	
45		9,600	DEC HPS TR 100W	$159.10		$165.65		$167.96	
46		4,000	DEC HPS AG 50W	$224.16		$233.39		$236.65	
47		9,600	DEC HPS AG 100W	$224.92		$234.18		$237.45	
48		4,000	DEC HPS WL 50W	$247.88		$258.09		$261.70	
49		9,600	DEC HPS WL 100W	$259.67		$270.36		$274.14	
50	S-06 (Decorative) Luminaires	4,000	DEC HPS TR-TW 50W	$346.93		$361.22		$366.27	
51		9,600	DEC HPS TR-TW 100W	$364.72		$379.74		$385.05	
52		4,000	DEC HPS AG-TW 50W	$482.93		$502.82		$509.86	
53		9,600	DEC HPS AG-TW 100W	$484.46		$504.41		$511.47	
54		4,000	DEC HPS WL-TW 50W	$530.37		$552.22		$559.95	
55		9,600	DEC HPS WL-TW 100W	$553.95		$576.77		$584.84	
56		5,000	DEC LED TR 60W	$199.26		$207.46		$210.36	
57		10,000	DEC LED TR-TW 60W	$398.52		$414.93		$420.74	
58									
59	S-6 (Decorative)		DEC VILL PT/FDN	$340.96		$355.00		$359.97	
60	Standards		DEC WASH PT/FDN	$450.86		$469.43		$476.00	

The Narragansett Electric Company
Rate Year Proof of Revenue at APPROVED Rates- Rate Year 1

Line	Code	Description	Includes	Annual Bills/Fixtures	Customer /Fixture Charge per Month	Customer Charge Revenue	Billing Demand	Demand Charge	Demand Charge Revenue
				(a)	(b)	(c)	(e)	(f)	(g)
1	A-16	Residential	A-16,A-60	5,284,666		$31,707,998			
2	C-06	Small C&I	C-06,C-08	626,592		$6,253,540			
3	G-02	General C&I	G-02	104,935		$15,215,642	3,594,077		$23,361,497
4	G-32	200 kW Demand	B-32,G-32	13,463		$14,809,206	3,983,413		$19,508,653
5	G-62	5000 kW Demand	B-62,G-62						
6	SL	Lighting	S-05,S-06,S-10,S-14	60,254		$6,730,971			
7	X-01	Propulsion	X-01	12		$256,954			
8				6,089,923		$74,974,310	7,577,489		$42,870,151
9				*6,089,923*			*7,608,765*	*156*	
10	A-16	Residential Basic		4,847,495	$6.00	$29,084,971			$0
11	A-60	Resid. Low Income		437,171	$6.00	$2,623,027			$0
12	B-32	C&I Back-up		60	$1,100.00	$66,172	126,964	See below	226,408
13	B-32	5000 kW Back-up	Was B-62	-	$1,100.00	$0			
14	C-06	Small C&I		616,686	$10.00	$6,166,861			$0
15	C-06	Small C&I Unmetrd		9,906	$8.75	$86,678			$0
16	G-02	General C&I		104,935	$145.00	$15,215,642	3,594,077	$6.50	$23,361,497
17	G-32	200 kW Demand		13,246	$1,100.00	$14,571,015	2,869,062	$5.00	$14,345,311
18	G-32	5000 kW Demand	Was G-62	156	$1,100.00	$172,019	987,387	See below	$4,936,935
19	S-05	SL Customer-owned		-		$0			$0
20	S-06	SL Decorative		14	$502.41	$7,034			$0
21	S-10	SL Private		5,124	$177.64	$910,209			$0
22	S-14	SL Street		55,116	$105.48	$5,813,729			$0
23	X-01	X-01		12	$21,000.00	$256,954			$0
24				6,089,923		$74,974,310	7,577,489		$42,870,151
25									
26		B-32 C&I Back-up	Back-up				95,646	$0.73	$69,822
27			Supplemental				31,317	$5.00	$156,586
28							126,964		$226,408
29		B-62 3000 kW Back-up	Back-up					$0.73	$0
30			Supplemental				987,387	$5.00	$4,936,935
31							987,387		$4,936,935
32		C-06 Small C&I	kWh						
33			Over 25 kVA						
34									
35									
36		C-08 Small C&I Unmetered	kWh						
37			Over 25 kVA						
38									
39	M-1	Station Power		36	$4,135.00	148,860			

The Narragansett Electric Company

Rate Year **Rate Year Proof of Revenue at APPROVED Rates- Rate Year 1** **Rate**

Line	Code	Description	Includes	kWh Deliveries	kWh Charge	kWh Charge Revenue	HVD Billing Units	HVD Credit Revenue	HVM Billing Units	HVM Credit Revenue	2nd Feeder Service Billing Units
				(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	A-16	Residential	A-16,A-60	2,946,725,332		$126,650,255					
2	C-06	Small C&I	C-06,C-08	598,981,304		$25,229,713					
3	G-02	General C&I	G-02	1,290,927,306		$5,279,893	64,848	($20,751)	43,857,032	($21,908)	
4	G-32	200 kW Demand	B-32,G-32	2,373,080,009		$9,136,358	2,462,204	($1,473,172)	44,698,980	($420,890)	295,668
5	G-62	5000 kW Demand	B-62,G-62								
6	SL	Lighting	S-05,S-06,S-10,S-14	62,049,950		$1,082,144					
7	X-01	Propulsion	X-01	23,962,704		$115,979					
8				7,295,726,605		$167,494,342	2,527,052	($1,493,923)	88,556,011	($442,798)	295,668
9				*7,295,726,605*			*2,350,891*	*(176,161)*	*76,692,698*		*295,668*
10	A-16	Residential Basic		2,723,228,532	$0.04298	$117,044,362					
11	A-60	Resid. Low Income		223,496,800	$0.04298	$9,605,892					
12	B-32	C&I Back-up		13,230,918	$0.00385	$50,939			343,519	($3,235)	
13	B-32	5000 kW Back-up	Was B-62	-	$0.00385	$0			-	$0	
14	C-06	Small C&I		595,486,038	See below	$25,066,528					
15	C-06	Small C&I Unmetrd		3,495,266	See below	$163,185					
16	G-02	General C&I		1,290,927,306	$0.00409	$5,279,893	64,848	($20,751)	43,857,032	($21,908)	
17	G-32	200 kW Demand		1,939,578,858	$0.00385	$7,467,379	1,392,345	($445,550)	37,628,467	($354,313)	295,668
18	G-32	5000 kW Demand	Was G-62	420,270,233	$0.00385	$1,618,040	1,069,859	($1,027,621)	6,726,994	($63,342)	
19	S-05	SL Customer-owned		30,303,659	$0.03571	$1,082,144					
20	S-06	SL Decorative		3,451		$0					
21	S-10	SL Private		7,793,834		$0					
22	S-14	SL Street		23,949,006		$0					
23	X-01	X-01		23,962,704	$0.00484	$115,979					
24				7,295,726,605		$167,494,342	2,527,052	($1,493,923)	88,556,011	($442,798)	295,668
25							Rate				Rate
26		B-32 C&I Back-up	Back-up								
27			Supplemental				893,698	($285,983)	($0.32)		
28							176,161	($741,638)	($4.21)		
29		B-62 3000 kW Back-up	Back-up				1,069,859	($1,027,621)			
30			Supplemental								
31											
32		C-06 Small C&I	kWh	595,486,038	$0.04207	$25,052,098					
33			Over 25 kVA	7,800	$1.85	$14,430					
34				595,493,838		$25,066,528					
35											
36		C-08 Small C&I Unmetered	kWh	3,495,266	$0.04207	$147,046					
37			Over 25 kVA	8,724	$1.85	$16,139					
38				3,503,990		$163,185					
39	M-1	Station Power									

The Narragansett Electric Company
Rate Year Year Proof of Revenue at APPROVED Rates- Rate Year 1

Line	Code	Description	Includes	2nd Feeder Service Revenue	Rate Year Revenue	Revenue Targets, Att 8, Sch 3, Line 58	Difference
				(p)	(q)	(r)	(s)
1	A-16	Residential	A-16,A-60		$158,358,252	$158,378,401	($20,149)
2	C-06	Small C&I	C-06,C-08		$31,483,253	$31,483,492	($240)
3	G-02	General C&I	G-02		$43,814,372	$43,821,138	($6,766)
4	G-32	200 kW Demand	B-32,G-32	$1,244,762	$42,804,918	$42,803,391	$1,527
5	G-62	5000 kW Demand	B-62,G-62				$0
6	SL	Lighting	S-05,S-06,S-10,S-14		$7,813,115	$7,812,856	$259
7	X-01	Propulsion	X-01		$372,934	$372,962	($28)
8				$1,244,762	$284,646,844	$284,672,241	($25,397)
9						$282,594,919	($25,397)
10	A-16	Residential Basic			$146,129,333		
11	A-60	Resid. Low Income			$12,228,919		
12	B-32	C&I Back-up			$340,284		
13	B-32	5000 kW Back-up	Was B-62		$0		
14	C-06	Small C&I			$31,233,389		
15	C-06	Small C&I Unmetrd			$249,864		
16	G-02	General C&I			$43,814,372		
17	G-32	200 kW Demand		$1,244,762	$36,828,603		
18	G-32	5000 kW Demand	Was G-62		$5,636,031		
19	S-05	SL Customer-owned			$1,082,144		
20	S-06	SL Decorative			$7,034		
21	S-10	SL Private			$910,209		
22	S-14	SL Street			$5,813,729		
23	X-01	X-01			$372,934		
24				$1,244,762	$284,646,844		
25				$4.21			
26		B-32 C&I Back-up	Back-up		$282,600,919	Requirement	
27			Supplemental		($6,000)	M1 Increase	
28					$282,594,919		
29		B-62 3000 kW Back-up	Back-up				
30			Supplemental				
31							
32		C-06 Small C&I	kWh				
33			Over 25 kVA				
34							
35							
36		C-08 Small C&I Unmetered	kWh				
37			Over 25 kVA				
38							
39	M-1	Station Power					

Supplemental Compliance Attachment 10

Narragansett Electric Bill Impacts:

November 1, 2017 vs. Rate Year 1

Rate Year 1 vs. Rate Year 2

Rate Year 2 vs. Rate Year 3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates

Sch. 5-

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-16 Rate Customers- Rate Year 1

	Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)								
									$				% of Total Bill				
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
150	$20.66	$14.27	$1.46	$36.39	$22.42	$14.28	$1.53	$38.23	$1.76	$0.01	$0.07	$1.84	4.8%	0.0%	0.2%	5.1%	30.1%
300	$34.72	$28.55	$2.64	$65.91	$37.23	$28.55	$2.74	$68.52	$2.51	$0.00	$0.10	$2.61	3.8%	0.0%	0.2%	4.0%	12.9%
400	$44.10	$38.06	$3.42	$85.58	$47.11	$38.07	$3.55	$88.73	$3.01	$0.01	$0.13	$3.15	3.5%	0.0%	0.2%	3.7%	11.6%
500	$53.48	$47.58	$4.21	$105.27	$56.99	$47.59	$4.36	$108.94	$3.51	$0.01	$0.15	$3.67	3.3%	0.0%	0.1%	3.5%	9.6%
600	$62.85	$57.09	$5.00	$124.94	$66.86	$57.11	$5.17	$129.14	$4.01	$0.02	$0.17	$4.20	3.2%	0.0%	0.1%	3.4%	7.7%
700	$72.23	$66.61	$5.79	$144.63	$76.74	$66.63	$5.97	$149.34	$4.51	$0.02	$0.18	$4.71	3.1%	0.0%	0.1%	3.3%	19.0%
1,200	$119.11	$114.18	$9.72	$243.01	$126.12	$114.22	$10.01	$250.35	$7.01	$0.04	$0.29	$7.34	2.9%	0.0%	0.1%	3.0%	6.8%
2,000	$194.13	$190.30	$16.02	$400.45	$205.14	$190.36	$16.48	$411.98	$11.01	$0.06	$0.46	$11.53	2.7%	0.0%	0.1%	2.9%	2.3%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$5.00	$6.00
RE Growth Factor		$0.78	$0.79
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.03179	$0.03180
Base Distribution Energy Charge	kWh x	$0.03664	$0.04298
Other Distribution Energy Charges	kWh x	$0.00636	$0.00500
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09515	$0.09518

(1) Comp Att 12 Workpaper 5, Page 1, Column (a)
(2) Comp Att 12 Workpaper 5, Page 1, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-A-1
Page 1 of 1

Sch. 5-A-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-16 Rate Customers- Rate Year 2

Monthly kWh	Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				Increase (Decrease) % of Total Bill				Percentage of Customers
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
150	$22.42	$14.28	$1.53	$38.23	$22.75	$14.28	$1.54	$38.57	$0.33	$0.00	$0.01	$0.34	0.9%	0.0%	0.0%	0.9%	30.1%
300	$37.23	$28.55	$2.74	$68.52	$37.91	$28.55	$2.77	$69.23	$0.68	$0.00	$0.03	$0.71	1.0%	0.0%	0.0%	1.0%	12.9%
400	$47.11	$38.07	$3.55	$88.73	$48.01	$38.07	$3.59	$89.67	$0.90	$0.00	$0.04	$0.94	1.0%	0.0%	0.0%	1.1%	11.6%
500	$56.99	$47.59	$4.36	$108.94	$58.12	$47.59	$4.40	$110.11	$1.13	$0.00	$0.04	$1.17	1.0%	0.0%	0.0%	1.1%	9.6%
600	$66.86	$57.11	$5.17	$129.14	$68.22	$57.11	$5.22	$130.55	$1.36	$0.00	$0.05	$1.41	1.1%	0.0%	0.0%	1.1%	7.7%
700	$76.74	$66.63	$5.97	$149.34	$78.32	$66.63	$6.04	$150.99	$1.58	$0.00	$0.07	$1.65	1.1%	0.0%	0.0%	1.1%	19.0%
1,200	$126.12	$114.22	$10.01	$250.35	$128.84	$114.22	$10.13	$253.19	$2.72	$0.00	$0.12	$2.84	1.1%	0.0%	0.0%	1.1%	6.8%
2,000	$205.14	$190.36	$16.48	$411.98	$209.66	$190.36	$16.67	$416.69	$4.52	$0.00	$0.19	$4.71	1.1%	0.0%	0.0%	1.1%	2.3%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$6.00	$6.00
RE Growth Factor		$0.79	$0.79
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.03180	$0.03180
Base Distribution Energy Charge	kWh x	$0.04298	$0.04524
Other Distribution Energy Charges	kWh x	$0.00500	$0.00500
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09518	$0.09518

(1) Sch. 5-A-1
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-A-2
Page 1 of 1

Sch. 5-A-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-16 Rate Customers- Rate Year 3

	Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)								
									$				% of Total Bill				
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
150	$22.75	$14.28	$1.54	$38.57	$22.87	$14.28	$1.55	$38.70	$0.12	$0.00	$0.01	$0.13	0.3%	0.0%	0.0%	0.3%	30.1%
300	$37.91	$28.55	$2.77	$69.23	$38.15	$28.55	$2.78	$69.48	$0.24	$0.00	$0.01	$0.25	0.3%	0.0%	0.0%	0.4%	12.9%
400	$48.01	$38.07	$3.59	$89.67	$48.33	$38.07	$3.60	$90.00	$0.32	$0.00	$0.01	$0.33	0.4%	0.0%	0.0%	0.4%	11.6%
500	$58.12	$47.59	$4.40	$110.11	$58.51	$47.59	$4.42	$110.52	$0.39	$0.00	$0.02	$0.41	0.4%	0.0%	0.0%	0.4%	9.6%
600	$68.22	$57.11	$5.22	$130.55	$68.69	$57.11	$5.24	$131.04	$0.47	$0.00	$0.02	$0.49	0.4%	0.0%	0.0%	0.4%	7.7%
700	$78.32	$66.63	$6.04	$150.99	$78.87	$66.63	$6.06	$151.56	$0.55	$0.00	$0.02	$0.57	0.4%	0.0%	0.0%	0.4%	19.0%
1,200	$128.84	$114.22	$10.13	$253.19	$129.78	$114.22	$10.17	$254.17	$0.94	$0.00	$0.04	$0.98	0.4%	0.0%	0.0%	0.4%	6.8%
2,000	$209.66	$190.36	$16.67	$416.69	$211.24	$190.36	$16.73	$418.33	$1.58	$0.00	$0.06	$1.64	0.4%	0.0%	0.0%	0.4%	2.3%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$6.00	$6.00
RE Growth Factor		$0.79	$0.79
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.03180	$0.03180
Base Distribution Energy Charge	kWh x	$0.04524	$0.04603
Other Distribution Energy Charges	kWh x	$0.00500	$0.00500
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09518	$0.09518

(1) Sch. 5-A-2
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-A-3
Page 1 of 1

Sch. 5-B-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-60 Rate Customers, Year 1

	Rates Effective November 1, 2017				Proposed Rates, Year 1						Increase (Decrease)								
								Discounted			$				% of Total Bill				Percentage
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	Discount	Total	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	of Customers
150	$13.64	$14.27	$1.16	$29.07	$18.19	$14.28	($8.12)	$24.35	$1.01	$25.36	($3.57)	$0.01	($0.15)	($3.71)	-12.3%	0.0%	-0.5%	-12.8%	32.1%
300	$25.68	$28.55	$2.26	$56.49	$32.78	$28.55	($15.33)	$46.00	$1.92	$47.92	($8.23)	$0.00	($0.34)	($8.57)	-14.6%	0.0%	-0.6%	-15.2%	15.4%
400	$33.71	$38.06	$2.99	$74.76	$42.50	$38.07	($20.14)	$60.43	$2.52	$62.95	($11.35)	$0.01	($0.47)	($11.81)	-15.2%	0.0%	-0.6%	-15.8%	12.5%
500	$41.74	$47.58	$3.72	$93.04	$52.23	$47.59	($24.96)	$74.86	$3.12	$77.98	($14.47)	$0.01	($0.60)	($15.06)	-15.6%	0.0%	-0.6%	-16.2%	9.6%
600	$49.77	$57.09	$4.45	$111.31	$61.95	$57.11	($29.77)	$89.29	$3.72	$93.01	($17.59)	$0.02	($0.73)	($18.30)	-15.8%	0.0%	-0.7%	-16.4%	7.2%
700	$57.80	$66.61	$5.18	$129.59	$71.68	$66.63	($34.58)	$103.73	$4.32	$108.05	($20.70)	$0.02	($0.86)	($21.54)	-16.0%	0.0%	-0.7%	-16.6%	16.4%
1,200	$97.95	$114.18	$8.84	$220.97	$120.30	$114.22	($58.63)	$175.89	$7.33	$183.22	($36.28)	$0.04	($1.51)	($37.75)	-16.4%	0.0%	-0.7%	-17.1%	5.2%
2,000	$162.19	$190.30	$14.69	$367.18	$198.10	$190.36	($97.12)	$291.34	$12.14	$303.48	($61.21)	$0.06	($2.55)	($63.70)	-16.7%	0.0%	-0.7%	-17.3%	1.6%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$0.00	$2.00
RE Growth Factor		$0.78	$0.79
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.03179	$0.03180
Base Distribution Energy Charge	kWh x	$0.02317	$0.04298
Other Distribution Energy Charges	kWh x	$0.00636	$0.00348
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Low Income Discount			25%
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09515	$0.09518

(1) Comp Att 12 Workpaper 5, Page 2, Column (a)
(2) Comp Att 12 Workpaper 5, Page 2, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-B-1
Page 1 of 1

Sch. 5-B-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-60 Rate Customers, Year 2

	Proposed Rates, Year 1						Proposed Rates, Year 2						Increase (Decrease)								
													$				% of Total Bill				
Monthly kWh	Delivery	SOS	Discount	Discounted Total	GET	Total	Delivery	SOS	Discount	Discounted Total	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
150	$18.19	$14.28	($8.12)	$24.35	$1.01	$25.36	$20.53	$14.28	($8.70)	$26.11	$1.09	$27.20	$1.76	$0.00	$0.08	$1.84	6.9%	0.0%	0.3%	7.3%	32.1%
300	$32.78	$28.55	($15.33)	$46.00	$1.92	$47.92	$35.45	$28.55	($16.00)	$48.00	$2.00	$50.00	$2.00	$0.00	$0.08	$2.08	4.2%	0.0%	0.2%	4.3%	15.4%
400	$42.50	$38.07	($20.14)	$60.43	$2.52	$62.95	$45.40	$38.07	($20.87)	$62.60	$2.61	$65.21	$2.17	$0.00	$0.09	$2.26	3.4%	0.0%	0.1%	3.6%	12.5%
500	$52.23	$47.59	($24.96)	$74.86	$3.12	$77.98	$55.36	$47.59	($25.74)	$77.21	$3.22	$80.43	$2.35	$0.00	$0.10	$2.45	3.0%	0.0%	0.1%	3.1%	9.6%
600	$61.95	$57.11	($29.77)	$89.29	$3.72	$93.01	$65.31	$57.11	($30.61)	$91.81	$3.83	$95.64	$2.52	$0.00	$0.11	$2.63	2.7%	0.0%	0.1%	2.8%	7.2%
700	$71.68	$66.63	($34.58)	$103.73	$4.32	$108.05	$75.26	$66.63	($35.47)	$106.42	$4.43	$110.85	$2.69	$0.00	$0.11	$2.80	2.5%	0.0%	0.1%	2.6%	16.4%
1,200	$120.30	$114.22	($58.63)	$175.89	$7.33	$183.22	$125.01	$114.22	($59.81)	$179.42	$7.48	$186.90	$3.53	$0.00	$0.15	$3.68	1.9%	0.0%	0.1%	2.0%	5.2%
2,000	$198.10	$190.36	($97.12)	$291.34	$12.14	$303.48	$204.62	$190.36	($98.75)	$296.23	$12.34	$308.57	$4.89	$0.00	$0.20	$5.09	1.6%	0.0%	0.1%	1.7%	1.6%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2	
Customer Charge		$2.00	$4.00	(3)
RE Growth Factor		$0.79	$0.79	
LIHEAP Charge		$0.81	$0.81	
Transmission Energy Charge	kWh x	$0.03180	$0.03180	
Base Distribution Energy Charge	kWh x	$0.04298	$0.04524	
Other Distribution Energy Charges	kWh x	$0.00348	$0.00348	
Transition Energy Charge	kWh x	$0.00057	$0.00057	
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154	
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688	
Low Income Discount		25%	25%	
Gross Earnings Tax		4%	4%	
Standard Offer Charge	kWh x	$0.09518	$0.09518	

(1) Sch. 5-B-1
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 1
(3) Proposed Year 2 Customer Charge

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-B-2
Page 1 of 1

Sch. 5-B-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to A-60 Rate Customers, Year 3

	Proposed Rates, Year 2						Proposed Rates, Year 3						Increase (Decrease)								
													$				% of Total Bill				
Monthly kWh	Delivery	SOS	Discount	Discounted Total	GET	Total	Delivery	SOS	Discount	Discounted Total	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
150	$20.53	$14.28	($8.70)	$26.11	$1.09	$27.20	$22.65	$14.28	($9.23)	$27.70	$1.15	$28.85	$1.59	$0.00	$0.06	$1.65	5.8%	0.0%	0.2%	6.1%	32.1%
300	$35.45	$28.55	($16.00)	$48.00	$2.00	$50.00	$37.69	$28.55	($16.56)	$49.68	$2.07	$51.75	$1.68	$0.00	$0.07	$1.75	3.4%	0.0%	0.1%	3.5%	15.4%
400	$45.40	$38.07	($20.87)	$62.60	$2.61	$65.21	$47.72	$38.07	($21.45)	$64.34	$2.68	$67.02	$1.74	$0.00	$0.07	$1.81	2.7%	0.0%	0.1%	2.8%	12.5%
500	$55.36	$47.59	($25.74)	$77.21	$3.22	$80.43	$57.75	$47.59	($26.34)	$79.00	$3.29	$82.29	$1.79	$0.00	$0.07	$1.86	2.2%	0.0%	0.1%	2.3%	9.6%
600	$65.31	$57.11	($30.61)	$91.81	$3.83	$95.64	$67.78	$57.11	($31.22)	$93.67	$3.90	$97.57	$1.86	$0.00	$0.07	$1.93	1.9%	0.0%	0.1%	2.0%	7.2%
700	$75.26	$66.63	($35.47)	$106.42	$4.43	$110.85	$77.81	$66.63	($36.11)	$108.33	$4.51	$112.84	$1.91	$0.00	$0.08	$1.99	1.7%	0.0%	0.1%	1.8%	16.4%
1,200	$125.01	$114.22	($59.81)	$179.42	$7.48	$186.90	$127.96	$114.22	($60.55)	$181.63	$7.57	$189.20	$2.21	$0.00	$0.09	$2.30	1.2%	0.0%	0.0%	1.2%	5.2%
2,000	$204.62	$190.36	($98.75)	$296.23	$12.34	$308.57	$208.20	$190.36	($99.64)	$298.92	$12.46	$311.38	$2.69	$0.00	$0.12	$2.81	0.9%	0.0%	0.0%	0.9%	1.6%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3	
Customer Charge		$4.00	$6.00	(3)
RE Growth Factor		$0.79	$0.79	
LIHEAP Charge		$0.81	$0.81	
Transmission Energy Charge	kWh x	$0.03180	$0.03180	
Base Distribution Energy Charge	kWh x	$0.04524	$0.04603	
Other Distribution Energy Charges	kWh x	$0.00348	$0.00348	
Transition Energy Charge	kWh x	$0.00057	$0.00057	
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154	
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688	
Low Income Discount		25%	25%	
Gross Earnings Tax		4%	4%	
Standard Offer Charge	kWh x	$0.09518	$0.09518	

(1) Sch. 5-B-2
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 2
(3) Proposed Year 3 Customer Charge

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-B-3
Page 1 of 1

Sch. 5-C-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to C-06 Rate Customers,Rate Year 1

	Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)								
									$				% of Total Bill				Percentage
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	of Customers
250	$33.64	$23.38	$2.38	$59.40	$35.74	$23.38	$2.46	$61.58	$2.10	$0.00	$0.08	$2.18	3.5%	0.0%	0.1%	3.7%	56.3%
500	$55.21	$46.75	$4.25	$106.21	$59.41	$46.77	$4.42	$110.60	$4.20	$0.02	$0.17	$4.39	4.0%	0.0%	0.2%	4.1%	16.9%
1,000	$98.35	$93.50	$7.99	$199.84	$106.74	$93.53	$8.34	$208.61	$8.39	$0.03	$0.35	$8.77	4.2%	0.0%	0.2%	4.4%	8.1%
1,500	$141.49	$140.25	$11.74	$293.48	$154.08	$140.30	$12.27	$306.65	$12.59	$0.05	$0.53	$13.17	4.3%	0.0%	0.2%	4.5%	5.0%
2,000	$184.63	$187.00	$15.48	$387.11	$201.41	$187.06	$16.19	$404.66	$16.78	$0.06	$0.71	$17.55	4.3%	0.0%	0.2%	4.5%	13.6%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$10.00	$10.00
RE Growth Factor		$1.26	$1.26
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.02838	$0.02839
Base Distribution Charge	kWh x	$0.03253	$0.04207
Other Distribution Energy Charges	kWh x	$0.00639	$0.00522
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 3, Column (a)
(2) Comp Att 12 Workpaper 5, Page 3, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-C-1
Page 1 of 1

Sch. 5-C-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to C-06 Rate Customers, Rate Year 2

	Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease)								
									$				% of Total Bill				
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
250	$35.74	$23.38	$2.46	$61.58	$36.29	$23.38	$2.49	$62.16	$0.55	$0.00	$0.03	$0.58	0.9%	0.0%	0.0%	0.9%	56.3%
500	$59.41	$46.77	$4.42	$110.60	$60.51	$46.77	$4.47	$111.75	$1.10	$0.00	$0.05	$1.15	1.0%	0.0%	0.0%	1.0%	16.9%
1,000	$106.74	$93.53	$8.34	$208.61	$108.95	$93.53	$8.44	$210.92	$2.21	$0.00	$0.10	$2.31	1.1%	0.0%	0.0%	1.1%	8.1%
1,500	$154.08	$140.30	$12.27	$306.65	$157.39	$140.30	$12.40	$310.09	$3.31	$0.00	$0.13	$3.44	1.1%	0.0%	0.0%	1.1%	5.0%
2,000	$201.41	$187.06	$16.19	$404.66	$205.83	$187.06	$16.37	$409.26	$4.42	$0.00	$0.18	$4.60	1.1%	0.0%	0.0%	1.1%	13.6%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$10.00	$10.00
RE Growth Factor		$1.26	$1.26
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.02839	$0.02839
Base Distribution Charge	kWh x	$0.04207	$0.04428
Other Distribution Energy Charges	kWh x	$0.00522	$0.00522
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-C-1
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-C-2
Page 1 of 1

Sch. 5-C-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to C-06 Rate Customers, Rate Year 3

	Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)								
									$				% of Total Bill				
Monthly kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Percentage of Customers
250	$36.29	$23.38	$2.49	$62.16	$36.48	$23.38	$2.49	$62.35	$0.19	$0.00	$0.00	$0.19	0.3%	0.0%	0.0%	0.3%	56.3%
500	$60.51	$46.77	$4.47	$111.75	$60.89	$46.77	$4.49	$112.15	$0.38	$0.00	$0.02	$0.40	0.3%	0.0%	0.0%	0.4%	16.9%
1,000	$108.95	$93.53	$8.44	$210.92	$109.71	$93.53	$8.47	$211.71	$0.76	$0.00	$0.03	$0.79	0.4%	0.0%	0.0%	0.4%	8.1%
1,500	$157.39	$140.30	$12.40	$310.09	$158.53	$140.30	$12.45	$311.28	$1.14	$0.00	$0.05	$1.19	0.4%	0.0%	0.0%	0.4%	5.0%
2,000	$205.83	$187.06	$16.37	$409.26	$207.35	$187.06	$16.43	$410.84	$1.52	$0.00	$0.06	$1.58	0.4%	0.0%	0.0%	0.4%	13.6%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$10.00	$10.00
RE Growth Factor		$1.26	$1.26
LIHEAP Charge		$0.81	$0.81
Transmission Energy Charge	kWh x	$0.02839	$0.02839
Base Distribution Charge	kWh x	$0.04428	$0.04504
Other Distribution Energy Charges	kWh x	$0.00522	$0.00522
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-C-2
(2) Base Distribution Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-C-3
Page 1 of 1

Sch. 5-D-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 200 Hours of Use, Rate Year 1

Hours Us 200

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease) $				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	4,000	$442.50	$374.00	$34.02	$850.52	$466.10	$374.12	$35.01	$875.23	$23.60	$0.12	$0.99	$24.71	2.8%	0.0%	0.1%	2.9%
50	10,000	$967.56	$935.00	$79.27	$1,981.83	$1,026.26	$935.30	$81.73	$2,043.29	$58.70	$0.30	$2.46	$61.46	3.0%	0.0%	0.1%	3.1%
100	20,000	$1,842.66	$1,870.00	$154.69	$3,867.35	$1,959.86	$1,870.60	$159.60	$3,990.06	$117.20	$0.60	$4.91	$122.71	3.0%	0.0%	0.1%	3.2%
150	30,000	$2,717.76	$2,805.00	$230.12	$5,752.88	$2,893.46	$2,805.90	$237.47	$5,936.83	$175.70	$0.90	$7.35	$183.95	3.1%	0.0%	0.1%	3.2%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$135.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01096	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$4.85	$6.50
CapEx Factor	kW x	$0.67	$0.00
Base Distribution Energy Charge	kWh x	$0.00468	$0.00409
Other Distribution Energy Charges	kWh x	$0.00344	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 4, Column (a)
(2) Comp Att 12 Workpaper 5, Page 4, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D-1
Page 1 of 1

Sch. 5-D-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 200 Hours of Use, Rate Year 2

Hours Us 200

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	4,000	$466.10	$374.12	$35.01	$875.23	$471.56	$374.12	$35.24	$880.92	$5.46	$0.00	$0.23	$5.69	0.6%	0.0%	0.0%	0.7%
50	10,000	$1,026.26	$935.30	$81.73	$2,043.29	$1,043.66	$935.30	$82.46	$2,061.42	$17.40	$0.00	$0.73	$18.13	0.9%	0.0%	0.0%	0.9%
100	20,000	$1,959.86	$1,870.60	$159.60	$3,990.06	$1,997.16	$1,870.60	$161.16	$4,028.92	$37.30	$0.00	$1.56	$38.86	0.9%	0.0%	0.0%	1.0%
150	30,000	$2,893.46	$2,805.90	$237.47	$5,936.83	$2,950.66	$2,805.90	$239.86	$5,996.42	$57.20	$0.00	$2.39	$59.59	1.0%	0.0%	0.0%	1.0%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$6.50	$6.75
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00409	$0.00483
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D-2
Page 1 of 1

Sch. 5-D-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 200 Hours of Use, Rate Year 3

Hours Us 200

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	4,000	$471.56	$374.12	$35.24	$880.92	$473.38	$374.12	$35.31	$882.81	$1.82	$0.00	$0.07	$1.89	0.2%	0.0%	0.0%	0.2%
50	10,000	$1,043.66	$935.30	$82.46	$2,061.42	$1,050.46	$935.30	$82.74	$2,068.50	$6.80	$0.00	$0.28	$7.08	0.3%	0.0%	0.0%	0.3%
100	20,000	$1,997.16	$1,870.60	$161.16	$4,028.92	$2,012.26	$1,870.60	$161.79	$4,044.65	$15.10	$0.00	$0.63	$15.73	0.4%	0.0%	0.0%	0.4%
150	30,000	$2,950.66	$2,805.90	$239.86	$5,996.42	$2,974.06	$2,805.90	$240.83	$6,020.79	$23.40	$0.00	$0.97	$24.37	0.4%	0.0%	0.0%	0.4%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$6.75	$6.90
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00483	$0.00491
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D-3
Page 1 of 1

Sch. 5-D(1)-

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 300 Hours of Use, Rate Year 1

Hours Us 300

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	6,000	$518.62	$561.00	$44.98	$1,124.60	$544.12	$561.18	$46.05	$1,151.35	$25.50	$0.18	$1.07	$26.75	2.3%	0.0%	0.1%	2.4%
50	15,000	$1,157.86	$1,402.50	$106.68	$2,667.04	$1,221.31	$1,402.95	$109.34	$2,733.60	$63.45	$0.45	$2.66	$66.56	2.4%	0.0%	0.1%	2.5%
100	30,000	$2,223.26	$2,805.00	$209.51	$5,237.77	$2,349.96	$2,805.90	$214.83	$5,370.69	$126.70	$0.90	$5.32	$132.92	2.4%	0.0%	0.1%	2.5%
150	45,000	$3,288.66	$4,207.50	$312.34	$7,808.50	$3,478.61	$4,208.85	$320.31	$8,007.77	$189.95	$1.35	$7.97	$199.27	2.4%	0.0%	0.1%	2.6%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$135.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01096	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$4.85	$6.50
CapEx Factor	kW x	$0.67	$0.00
Base Distribution Energy Charge	kWh x	$0.00468	$0.00409
Other Distribution Energy Charges	kWh x	$0.00344	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 4, Column (a)
(2) Comp Att 12 Workpaper 5, Page 4, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(1)-1
Page 1 of 1

Sch. 5-D(1)-

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 300 Hours of Use, Rate Year 2

Hours Us 300

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	6,000	$544.12	$561.18	$46.05	$1,151.35	$551.06	$561.18	$46.34	$1,158.58	$6.94	$0.00	$0.29	$7.23	0.6%	0.0%	0.0%	0.6%
50	15,000	$1,221.31	$1,402.95	$109.34	$2,733.60	$1,242.41	$1,402.95	$110.22	$2,755.58	$21.10	$0.00	$0.88	$21.98	0.8%	0.0%	0.0%	0.8%
100	30,000	$2,349.96	$2,805.90	$214.83	$5,370.69	$2,394.66	$2,805.90	$216.69	$5,417.25	$44.70	$0.00	$1.86	$46.56	0.8%	0.0%	0.0%	0.9%
150	45,000	$3,478.61	$4,208.85	$320.31	$8,007.77	$3,546.91	$4,208.85	$323.16	$8,078.92	$68.30	$0.00	$2.85	$71.15	0.9%	0.0%	0.0%	0.9%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$6.50	$6.75
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00409	$0.00483
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(1)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(1)-2
Page 1 of 1

Sch. 5-D(1)-

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 300 Hours of Use, Rate Year 3

Hours Us 300

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	6,000	$551.06	$561.18	$46.34	$1,158.58	$553.04	$561.18	$46.43	$1,160.65	$1.98	$0.00	$0.09	$2.07	0.2%	0.0%	0.0%	0.2%
50	15,000	$1,242.41	$1,402.95	$110.22	$2,755.58	$1,249.61	$1,402.95	$110.52	$2,763.08	$7.20	$0.00	$0.30	$7.50	0.3%	0.0%	0.0%	0.3%
100	30,000	$2,394.66	$2,805.90	$216.69	$5,417.25	$2,410.56	$2,805.90	$217.35	$5,433.81	$15.90	$0.00	$0.66	$16.56	0.3%	0.0%	0.0%	0.3%
150	45,000	$3,546.91	$4,208.85	$323.16	$8,078.92	$3,571.51	$4,208.85	$324.18	$8,104.54	$24.60	$0.00	$1.02	$25.62	0.3%	0.0%	0.0%	0.3%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kV	kW x	$6.75	$6.90
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00483	$0.00491
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(1)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(1)-3
Page 1 of 1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 400 Hours of Use, Rate Year 1

Hours Use: 400

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	8,000	$594.74	$748.00	$55.95	$1,398.69	$622.14	$748.24	$57.10	$1,427.48	$27.40	$0.24	$1.15	$28.79	2.0%	0.0%	0.1%	2.1%
50	20,000	$1,348.16	$1,870.00	$134.09	$3,352.25	$1,416.36	$1,870.60	$136.96	$3,423.92	$68.20	$0.60	$2.87	$71.67	2.0%	0.0%	0.1%	2.1%
100	40,000	$2,603.86	$3,740.00	$264.33	$6,608.19	$2,740.06	$3,741.20	$270.05	$6,751.31	$136.20	$1.20	$5.72	$143.12	2.1%	0.0%	0.1%	2.2%
150	60,000	$3,859.56	$5,610.00	$394.57	$9,864.13	$4,063.76	$5,611.80	$403.15	$10,078.71	$204.20	$1.80	$8.58	$214.58	2.1%	0.0%	0.1%	2.2%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$135.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01096	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$4.85	$6.50
CapEx Factor	kW x	$0.67	$0.00
Base Distribution Energy Charge	kWh x	$0.00468	$0.00409
Other Distribution Energy Charges	kWh x	$0.00344	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 4, Column (a)
(2) Comp Att 12 Workpaper 5, Page 4, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(2)-1
Page 1 of 1

Sch. 5-D(2)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 400 Hours of Use, Rate Year 2

Hours Use: 400

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	8,000	$622.14	$748.24	$57.10	$1,427.48	$630.56	$748.24	$57.45	$1,436.25	$8.42	$0.00	$0.35	$8.77	0.6%	0.0%	0.0%	0.6%
50	20,000	$1,416.36	$1,870.60	$136.96	$3,423.92	$1,441.16	$1,870.60	$137.99	$3,449.75	$24.80	$0.00	$1.03	$25.83	0.7%	0.0%	0.0%	0.8%
100	40,000	$2,740.06	$3,741.20	$270.05	$6,751.31	$2,792.16	$3,741.20	$272.22	$6,805.58	$52.10	$0.00	$2.17	$54.27	0.8%	0.0%	0.0%	0.8%
150	60,000	$4,063.76	$5,611.80	$403.15	$10,078.71	$4,143.16	$5,611.80	$406.46	$10,161.42	$79.40	$0.00	$3.31	$82.71	0.8%	0.0%	0.0%	0.8%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.50	$6.75
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00409	$0.00483
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(2)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(2)-2
Page 1 of 1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 400 Hours of Use, Rate Year 3

Hours Use: 400

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	8,000	$630.56	$748.24	$57.45	$1,436.25	$632.70	$748.24	$57.54	$1,438.48	$2.14	$0.00	$0.09	$2.23	0.1%	0.0%	0.0%	0.2%
50	20,000	$1,441.16	$1,870.60	$137.99	$3,449.75	$1,448.76	$1,870.60	$138.31	$3,457.67	$7.60	$0.00	$0.32	$7.92	0.2%	0.0%	0.0%	0.2%
100	40,000	$2,792.16	$3,741.20	$272.22	$6,805.58	$2,808.86	$3,741.20	$272.92	$6,822.98	$16.70	$0.00	$0.70	$17.40	0.2%	0.0%	0.0%	0.3%
150	60,000	$4,143.16	$5,611.80	$406.46	$10,161.42	$4,168.96	$5,611.80	$407.53	$10,188.29	$25.80	$0.00	$1.07	$26.87	0.3%	0.0%	0.0%	0.3%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.75	$6.90
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00483	$0.00491
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(2)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(2)-3
Page 1 of 1

Sch. 5-D(3)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 500 Hours of Use, Rate Year 1

Hours Use: 500

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	10,000	$670.86	$935.00	$66.91	$1,672.77	$700.16	$935.30	$68.14	$1,703.60	$29.30	$0.30	$1.23	$30.83	1.8%	0.0%	0.1%	1.8%
50	25,000	$1,538.46	$2,337.50	$161.50	$4,037.46	$1,611.41	$2,338.25	$164.57	$4,114.23	$72.95	$0.75	$3.07	$76.77	1.8%	0.0%	0.1%	1.9%
100	50,000	$2,984.46	$4,675.00	$319.14	$7,978.60	$3,130.16	$4,676.50	$325.28	$8,131.94	$145.70	$1.50	$6.14	$153.34	1.8%	0.0%	0.1%	1.9%
150	75,000	$4,430.46	$7,012.50	$476.79	$11,919.75	$4,648.91	$7,014.75	$485.99	$12,149.65	$218.45	$2.25	$9.20	$229.90	1.8%	0.0%	0.1%	1.9%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$135.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01096	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$4.85	$6.50
CapEx Factor	kW x	$0.67	$0.00
Base Distribution Energy Charge	kWh x	$0.00468	$0.00409
Other Distribution Energy Charges	kWh x	$0.00344	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 4, Column (a)
(2) Comp Att 12 Workpaper 5, Page 4, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(3)-1
Page 1 of 1

Sch. 5-D(3)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 500 Hours of Use, Rate Year 2

Hours Use: 500

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	10,000	$700.16	$935.30	$68.14	$1,703.60	$710.06	$935.30	$68.56	$1,713.92	$9.90	$0.00	$0.42	$10.32	0.6%	0.0%	0.0%	0.6%
50	25,000	$1,611.41	$2,338.25	$164.57	$4,114.23	$1,639.91	$2,338.25	$165.76	$4,143.92	$28.50	$0.00	$1.19	$29.69	0.7%	0.0%	0.0%	0.7%
100	50,000	$3,130.16	$4,676.50	$325.28	$8,131.94	$3,189.66	$4,676.50	$327.76	$8,193.92	$59.50	$0.00	$2.48	$61.98	0.7%	0.0%	0.0%	0.8%
150	75,000	$4,648.91	$7,014.75	$485.99	$12,149.65	$4,739.41	$7,014.75	$489.76	$12,243.92	$90.50	$0.00	$3.77	$94.27	0.7%	0.0%	0.0%	0.8%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.50	$6.75
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00409	$0.00483
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(3)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(3)-2
Page 1 of 1

Sch. 5-D(3)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 500 Hours of Use, Rate Year 3

Hours Use: 500

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	10,000	$710.06	$935.30	$68.56	$1,713.92	$712.36	$935.30	$68.65	$1,716.31	$2.30	$0.00	$0.09	$2.39	0.1%	0.0%	0.0%	0.1%
50	25,000	$1,639.91	$2,338.25	$165.76	$4,143.92	$1,647.91	$2,338.25	$166.09	$4,152.25	$8.00	$0.00	$0.33	$8.33	0.2%	0.0%	0.0%	0.2%
100	50,000	$3,189.66	$4,676.50	$327.76	$8,193.92	$3,207.16	$4,676.50	$328.49	$8,212.15	$17.50	$0.00	$0.73	$18.23	0.2%	0.0%	0.0%	0.2%
150	75,000	$4,739.41	$7,014.75	$489.76	$12,243.92	$4,766.41	$7,014.75	$490.88	$12,272.04	$27.00	$0.00	$1.12	$28.12	0.2%	0.0%	0.0%	0.2%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.75	$6.90
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00483	$0.00491
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(3)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(3)-3
Page 1 of 1

Sch. 5-D(4)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 600 Hours of Use, Rate Year 1

Hours Use: 600

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	12,000	$746.98	$1,122.00	$77.87	$1,946.85	$778.18	$1,122.36	$79.19	$1,979.73	$31.20	$0.36	$1.32	$32.88	1.6%	0.0%	0.1%	1.7%
50	30,000	$1,728.76	$2,805.00	$188.91	$4,722.67	$1,806.46	$2,805.90	$192.18	$4,804.54	$77.70	$0.90	$3.27	$81.87	1.6%	0.0%	0.1%	1.7%
100	60,000	$3,365.06	$5,610.00	$373.96	$9,349.02	$3,520.26	$5,611.80	$380.50	$9,512.56	$155.20	$1.80	$6.54	$163.54	1.7%	0.0%	0.1%	1.7%
150	90,000	$5,001.36	$8,415.00	$559.02	$13,975.38	$5,234.06	$8,417.70	$568.82	$14,220.58	$232.70	$2.70	$9.80	$245.20	1.7%	0.0%	0.1%	1.8%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$135.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01096	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$4.85	$6.50
CapEx Factor	kW x	$0.67	$0.00
Base Distribution Energy Charge	kWh x	$0.00468	$0.00409
Other Distribution Energy Charges	kWh x	$0.00344	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09350	$0.09353

(1) Comp Att 12 Workpaper 5, Page 4, Column (a)
(2) Comp Att 12 Workpaper 5, Page 4, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(4)-1
Page 1 of 1

Sch. 5-D(4)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 600 Hours of Use, Rate Year 2

Hours Use: 600

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	12,000	$778.18	$1,122.36	$79.19	$1,979.73	$789.56	$1,122.36	$79.66	$1,991.58	$11.38	$0.00	$0.47	$11.85	0.6%	0.0%	0.0%	0.6%
50	30,000	$1,806.46	$2,805.90	$192.18	$4,804.54	$1,838.66	$2,805.90	$193.52	$4,838.08	$32.20	$0.00	$1.34	$33.54	0.7%	0.0%	0.0%	0.7%
100	60,000	$3,520.26	$5,611.80	$380.50	$9,512.56	$3,587.16	$5,611.80	$383.29	$9,582.25	$66.90	$0.00	$2.79	$69.69	0.7%	0.0%	0.0%	0.7%
150	90,000	$5,234.06	$8,417.70	$568.82	$14,220.58	$5,335.66	$8,417.70	$573.06	$14,326.42	$101.60	$0.00	$4.24	$105.84	0.7%	0.0%	0.0%	0.7%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.50	$6.75
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00409	$0.00483
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(4)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(4)-2
Page 1 of 1

Sch. 5-D(4)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-02 Rate Customers, 600 Hours of Use, Rate Year 3

Hours Use: 600

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	12,000	$789.56	$1,122.36	$79.66	$1,991.58	$792.02	$1,122.36	$79.77	$1,994.15	$2.46	$0.00	$0.11	$2.57	0.1%	0.0%	0.0%	0.1%
50	30,000	$1,838.66	$2,805.90	$193.52	$4,838.08	$1,847.06	$2,805.90	$193.87	$4,846.83	$8.40	$0.00	$0.35	$8.75	0.2%	0.0%	0.0%	0.2%
100	60,000	$3,587.16	$5,611.80	$383.29	$9,582.25	$3,605.46	$5,611.80	$384.05	$9,601.31	$18.30	$0.00	$0.76	$19.06	0.2%	0.0%	0.0%	0.2%
150	90,000	$5,335.66	$8,417.70	$573.06	$14,326.42	$5,363.86	$8,417.70	$574.23	$14,355.79	$28.20	$0.00	$1.17	$29.37	0.2%	0.0%	0.0%	0.2%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$145.00	$145.00
RE Growth Factor		$11.85	$11.85
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.37	$4.37
Transmission Energy Charge	kWh x	$0.01097	$0.01097
Base Distribution Demand Charge-xcs 10 kW	kW x	$6.75	$6.90
CapEx Factor	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00483	$0.00491
Other Distribution Energy Charges	kWh x	$0.00496	$0.00496
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.09353	$0.09353

(1) Sch. 5-D(4)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-D(4)-3
Page 1 of 1

Sch. 5-E-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 200 Hours of Use, Rate Year 1

Hours Use: 200

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	40,000	$3,419.07	$2,576.00	$249.79	$6,244.86	$3,691.96	$2,577.20	$261.22	$6,530.38	$272.89	$1.20	$11.43	$285.52	4.4%	0.0%	0.2%	4.6%
750	150,000	$12,737.17	$9,660.00	$933.22	$23,330.39	$13,271.86	$9,664.50	$955.68	$23,892.04	$534.69	$4.50	$22.46	$561.65	2.3%	0.0%	0.1%	2.4%
1,000	200,000	$16,972.67	$12,880.00	$1,243.86	$31,096.53	$17,626.36	$12,886.00	$1,271.35	$31,783.71	$653.69	$6.00	$27.49	$687.18	2.1%	0.0%	0.1%	2.2%
1,500	300,000	$25,443.67	$19,320.00	$1,865.15	$46,628.82	$26,335.36	$19,329.00	$1,902.68	$47,567.04	$891.69	$9.00	$37.53	$938.22	1.9%	0.0%	0.1%	2.0%
2,500	500,000	$42,385.67	$32,200.00	$3,107.74	$77,693.41	$43,753.36	$32,215.00	$3,165.35	$79,133.71	$1,367.69	$15.00	$57.61	$1,440.30	1.8%	0.0%	0.1%	1.9%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$825.00	$1,100.00
RE Growth Factor		$86.86	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.69	$4.43
Transmission Energy Charge	kWh x	$0.01123	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$3.70	$5.00
CapEx Factor - > 200 kW	kW x	$0.71	$0.00
Base Distribution Energy Charge	kWh x	$0.00551	$0.00385
Other Distribution Energy Charges	kWh x	$0.00349	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06440	$0.06443

(1) Comp Att 12 Workpaper 5, Page 5, Column (a)
(2) Comp Att 12 Workpaper 5, Page 5, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E-1
Page 1 of 1

Sch. 5-E-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 200 Hours of Use, Rate Year 2

Hours Use: 200

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	40,000	$3,691.96	$2,577.20	$261.22	$6,530.38	$3,709.16	$2,577.20	$261.93	$6,548.29	$17.20	$0.00	$0.71	$17.91	0.3%	0.0%	0.0%	0.3%
750	150,000	$13,271.86	$9,664.50	$955.68	$23,892.04	$13,446.36	$9,664.50	$962.95	$24,073.81	$174.50	$0.00	$7.27	$181.77	0.7%	0.0%	0.0%	0.8%
1,000	200,000	$17,626.36	$12,886.00	$1,271.35	$31,783.71	$17,872.36	$12,886.00	$1,281.60	$32,039.96	$246.00	$0.00	$10.25	$256.25	0.8%	0.0%	0.0%	0.8%
1,500	300,000	$26,335.36	$19,329.00	$1,902.68	$47,567.04	$26,724.36	$19,329.00	$1,918.89	$47,972.25	$389.00	$0.00	$16.21	$405.21	0.8%	0.0%	0.0%	0.9%
2,500	500,000	$43,753.36	$32,215.00	$3,165.35	$79,133.71	$44,428.36	$32,215.00	$3,193.47	$79,836.83	$675.00	$0.00	$28.12	$703.12	0.9%	0.0%	0.0%	0.9%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.00	$5.20
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00385	$0.00428
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E-2
Page 1 of 1

Sch. 5-E-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 200 Hours of Use, Rate Year 3

Hours Use: 200

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	40,000	$3,709.16	$2,577.20	$261.93	$6,548.29	$3,713.16	$2,577.20	$262.10	$6,552.46	$4.00	$0.00	$0.17	$4.17	0.1%	0.0%	0.0%	0.1%
750	150,000	$13,446.36	$9,664.50	$962.95	$24,073.81	$13,516.36	$9,664.50	$965.87	$24,146.73	$70.00	$0.00	$2.92	$72.92	0.3%	0.0%	0.0%	0.3%
1,000	200,000	$17,872.36	$12,886.00	$1,281.60	$32,039.96	$17,972.36	$12,886.00	$1,285.77	$32,144.13	$100.00	$0.00	$4.17	$104.17	0.3%	0.0%	0.0%	0.3%
1,500	300,000	$26,724.36	$19,329.00	$1,918.89	$47,972.25	$26,884.36	$19,329.00	$1,925.56	$48,138.92	$160.00	$0.00	$6.67	$166.67	0.3%	0.0%	0.0%	0.3%
2,500	500,000	$44,428.36	$32,215.00	$3,193.47	$79,836.83	$44,708.36	$32,215.00	$3,205.14	$80,128.50	$280.00	$0.00	$11.67	$291.67	0.4%	0.0%	0.0%	0.4%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.20	$5.30
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00428	$0.00438
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E-3
Page 1 of 1

Sch. 5-E(1)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 300 Hours of Use, Rate Year 1

Hours Use: 300

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	60,000	$4,203.27	$3,864.00	$336.14	$8,403.41	$4,490.76	$3,865.80	$348.19	$8,704.75	$287.49	$1.80	$12.05	$301.34	3.4%	0.0%	0.1%	3.6%
750	225,000	$15,677.92	$14,490.00	$1,257.00	$31,424.92	$16,267.36	$14,496.75	$1,281.84	$32,045.95	$589.44	$6.75	$24.84	$621.03	1.9%	0.0%	0.1%	2.0%
1,000	300,000	$20,893.67	$19,320.00	$1,675.57	$41,889.24	$21,620.36	$19,329.00	$1,706.22	$42,655.58	$726.69	$9.00	$30.65	$766.34	1.7%	0.0%	0.1%	1.8%
1,500	450,000	$31,325.17	$28,980.00	$2,512.72	$62,817.89	$32,326.36	$28,993.50	$2,554.99	$63,874.85	$1,001.19	$13.50	$42.27	$1,056.96	1.6%	0.0%	0.1%	1.7%
2,500	750,000	$52,188.17	$48,300.00	$4,187.01	$104,675.18	$53,738.36	$48,322.50	$4,252.54	$106,313.40	$1,550.19	$22.50	$65.53	$1,638.22	1.5%	0.0%	0.1%	1.6%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$825.00	$1,100.00
RE Growth Factor		$86.86	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.69	$4.43
Transmission Energy Charge	kWh x	$0.01123	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$3.70	$5.00
CapEx Factor - > 200 kW	kW x	$0.71	$0.00
Base Distribution Energy Charge	kWh x	$0.00551	$0.00385
Other Distribution Energy Charges	kWh x	$0.00349	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06440	$0.06443

(1) Comp Att 12 Workpaper 5, Page 5, Column (a)
(2) Comp Att 12 Workpaper 5, Page 5, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(1)-1
Page 1 of 1

Sch. 5-E(1)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 300 Hours of Use, Rate Year 2

Hours Use: 300

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	60,000	$4,490.76	$3,865.80	$348.19	$8,704.75	$4,516.56	$3,865.80	$349.27	$8,731.63	$25.80	$0.00	$1.08	$26.88	0.3%	0.0%	0.0%	0.3%
750	225,000	$16,267.36	$14,496.75	$1,281.84	$32,045.95	$16,474.11	$14,496.75	$1,290.45	$32,261.31	$206.75	$0.00	$8.61	$215.36	0.6%	0.0%	0.0%	0.7%
1,000	300,000	$21,620.36	$19,329.00	$1,706.22	$42,655.58	$21,909.36	$19,329.00	$1,718.27	$42,956.63	$289.00	$0.00	$12.05	$301.05	0.7%	0.0%	0.0%	0.7%
1,500	450,000	$32,326.36	$28,993.50	$2,554.99	$63,874.85	$32,779.86	$28,993.50	$2,573.89	$64,347.25	$453.50	$0.00	$18.90	$472.40	0.7%	0.0%	0.0%	0.7%
2,500	750,000	$53,738.36	$48,322.50	$4,252.54	$106,313.40	$54,520.86	$48,322.50	$4,285.14	$107,128.50	$782.50	$0.00	$32.60	$815.10	0.7%	0.0%	0.0%	0.8%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.00	$5.20
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00385	$0.00428
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) E(1)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(1)-2
Page 1 of 1

Sch. 5-E(1)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 300 Hours of Use, Rate Year 3

Hours Use: 300

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	60,000	$4,516.56	$3,865.80	$349.27	$8,731.63	$4,522.56	$3,865.80	$349.52	$8,737.88	$6.00	$0.00	$0.25	$6.25	0.1%	0.0%	0.0%	0.1%
750	225,000	$16,474.11	$14,496.75	$1,290.45	$32,261.31	$16,551.61	$14,496.75	$1,293.68	$32,342.04	$77.50	$0.00	$3.23	$80.73	0.2%	0.0%	0.0%	0.3%
1,000	300,000	$21,909.36	$19,329.00	$1,718.27	$42,956.63	$22,019.36	$19,329.00	$1,722.85	$43,071.21	$110.00	$0.00	$4.58	$114.58	0.3%	0.0%	0.0%	0.3%
1,500	450,000	$32,779.86	$28,993.50	$2,573.89	$64,347.25	$32,954.86	$28,993.50	$2,581.18	$64,529.54	$175.00	$0.00	$7.29	$182.29	0.3%	0.0%	0.0%	0.3%
2,500	750,000	$54,520.86	$48,322.50	$4,285.14	$107,128.50	$54,825.86	$48,322.50	$4,297.85	$107,446.21	$305.00	$0.00	$12.71	$317.71	0.3%	0.0%	0.0%	0.3%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.20	$5.30
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00428	$0.00438
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(1)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(1)-3
Page 1 of 1

Sch. 5-E(2)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 400 Hours of Use, Rate Year 1

Hours Use: 400

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	80,000	$4,987.47	$5,152.00	$422.48	$10,561.95	$5,289.56	$5,154.40	$435.17	$10,879.13	$302.09	$2.40	$12.69	$317.18	2.9%	0.0%	0.1%	3.0%
750	300,000	$18,618.67	$19,320.00	$1,580.78	$39,519.45	$19,262.86	$19,329.00	$1,607.99	$40,199.85	$644.19	$9.00	$27.21	$680.40	1.6%	0.0%	0.1%	1.7%
1,000	400,000	$24,814.67	$25,760.00	$2,107.28	$52,681.95	$25,614.36	$25,772.00	$2,141.10	$53,527.46	$799.69	$12.00	$33.82	$845.51	1.5%	0.0%	0.1%	1.6%
1,500	600,000	$37,206.67	$38,640.00	$3,160.28	$79,006.95	$38,317.36	$38,658.00	$3,207.31	$80,182.67	$1,110.69	$18.00	$47.03	$1,175.72	1.4%	0.0%	0.1%	1.5%
2,500	1,000,000	$61,990.67	$64,400.00	$5,266.28	$131,656.95	$63,723.36	$64,430.00	$5,339.72	$133,493.08	$1,732.69	$30.00	$73.44	$1,836.13	1.3%	0.0%	0.1%	1.4%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$825.00	$1,100.00
RE Growth Factor		$86.86	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.69	$4.43
Transmission Energy Charge	kWh x	$0.01123	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$3.70	$5.00
CapEx Factor - > 200 kW	kW x	$0.71	$0.00
Base Distribution Energy Charge	kWh x	$0.00551	$0.00385
Other Distribution Energy Charges	kWh x	$0.00349	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06440	$0.06443

(1) Comp Att 12 Workpaper 5, Page 5, Column (a)
(2) Comp Att 12 Workpaper 5, Page 5, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(2)-1
Page 1 of 1

Sch. 5-E(2)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 400 Hours of Use, Rate Year 2

Hours Use: 400

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	80,000	$5,289.56	$5,154.40	$435.17	$10,879.13	$5,323.96	$5,154.40	$436.60	$10,914.96	$34.40	$0.00	$1.43	$35.83	0.3%	0.0%	0.0%	0.3%
750	300,000	$19,262.86	$19,329.00	$1,607.99	$40,199.85	$19,501.86	$19,329.00	$1,617.95	$40,448.81	$239.00	$0.00	$9.96	$248.96	0.6%	0.0%	0.0%	0.6%
1,000	400,000	$25,614.36	$25,772.00	$2,141.10	$53,527.46	$25,946.36	$25,772.00	$2,154.93	$53,873.29	$332.00	$0.00	$13.83	$345.83	0.6%	0.0%	0.0%	0.6%
1,500	600,000	$38,317.36	$38,658.00	$3,207.31	$80,182.67	$38,835.36	$38,658.00	$3,228.89	$80,722.25	$518.00	$0.00	$21.58	$539.58	0.6%	0.0%	0.0%	0.7%
2,500	1,000,000	$63,723.36	$64,430.00	$5,339.72	$133,493.08	$64,613.36	$64,430.00	$5,376.81	$134,420.17	$890.00	$0.00	$37.09	$927.09	0.7%	0.0%	0.0%	0.7%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.00	$5.20
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00385	$0.00428
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(2)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(2)-2
Page 1 of 1

Sch. 5-E(2)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 400 Hours of Use, Rate Year 3

Hours Use: 400

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	80,000	$5,323.96	$5,154.40	$436.60	$10,914.96	$5,331.96	$5,154.40	$436.93	$10,923.29	$8.00	$0.00	$0.33	$8.33	0.1%	0.0%	0.0%	0.1%
750	300,000	$19,501.86	$19,329.00	$1,617.95	$40,448.81	$19,586.86	$19,329.00	$1,621.49	$40,537.35	$85.00	$0.00	$3.54	$88.54	0.2%	0.0%	0.0%	0.2%
1,000	400,000	$25,946.36	$25,772.00	$2,154.93	$53,873.29	$26,066.36	$25,772.00	$2,159.93	$53,998.29	$120.00	$0.00	$5.00	$125.00	0.2%	0.0%	0.0%	0.2%
1,500	600,000	$38,835.36	$38,658.00	$3,228.89	$80,722.25	$39,025.36	$38,658.00	$3,236.81	$80,920.17	$190.00	$0.00	$7.92	$197.92	0.2%	0.0%	0.0%	0.2%
2,500	1,000,000	$64,613.36	$64,430.00	$5,376.81	$134,420.17	$64,943.36	$64,430.00	$5,390.56	$134,763.92	$330.00	$0.00	$13.75	$343.75	0.2%	0.0%	0.0%	0.3%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.20	$5.30
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00428	$0.00438
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(2)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(2)-3
Page 1 of 1

Sch. 5-E(3)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 500 Hours of Use, Rate Year 1

Hours Use: 500

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	100,000	$5,771.67	$6,440.00	$508.82	$12,720.49	$6,088.36	$6,443.00	$522.14	$13,053.50	$316.69	$3.00	$13.32	$333.01	2.5%	0.0%	0.1%	2.6%
750	375,000	$21,559.42	$24,150.00	$1,904.56	$47,613.98	$22,258.36	$24,161.25	$1,934.15	$48,353.76	$698.94	$11.25	$29.59	$739.78	1.5%	0.0%	0.1%	1.6%
1,000	500,000	$28,735.67	$32,200.00	$2,538.99	$63,474.66	$29,608.36	$32,215.00	$2,575.97	$64,399.33	$872.69	$15.00	$36.98	$924.67	1.4%	0.0%	0.1%	1.5%
1,500	750,000	$43,088.17	$48,300.00	$3,807.84	$95,196.01	$44,308.36	$48,322.50	$3,859.62	$96,490.48	$1,220.19	$22.50	$51.78	$1,294.47	1.3%	0.0%	0.1%	1.4%
2,500	1,250,000	$71,793.17	$80,500.00	$6,345.55	$158,638.72	$73,708.36	$80,537.50	$6,426.91	$160,672.77	$1,915.19	$37.50	$81.36	$2,034.05	1.2%	0.0%	0.1%	1.3%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$825.00	$1,100.00
RE Growth Factor		$86.86	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.69	$4.43
Transmission Energy Charge	kWh x	$0.01123	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$3.70	$5.00
CapEx Factor - > 200 kW	kW x	$0.71	$0.00
Base Distribution Energy Charge	kWh x	$0.00551	$0.00385
Other Distribution Energy Charges	kWh x	$0.00349	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06440	$0.06443

(1) Comp Att 12 Workpaper 5, Page 5, Column (a)
(2) Comp Att 12 Workpaper 5, Page 5, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(3)-1
Page 1 of 1

Sch. 5-E(3)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 500 Hours of Use, Rate Year 2

Hours Use: 500

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	100,000	$6,088.36	$6,443.00	$522.14	$13,053.50	$6,131.36	$6,443.00	$523.93	$13,098.29	$43.00	$0.00	$1.79	$44.79	0.3%	0.0%	0.0%	0.3%
750	375,000	$22,258.36	$24,161.25	$1,934.15	$48,353.76	$22,529.61	$24,161.25	$1,945.45	$48,636.31	$271.25	$0.00	$11.30	$282.55	0.6%	0.0%	0.0%	0.6%
1,000	500,000	$29,608.36	$32,215.00	$2,575.97	$64,399.33	$29,983.36	$32,215.00	$2,591.60	$64,789.96	$375.00	$0.00	$15.63	$390.63	0.6%	0.0%	0.0%	0.6%
1,500	750,000	$44,308.36	$48,322.50	$3,859.62	$96,490.48	$44,890.86	$48,322.50	$3,883.89	$97,097.25	$582.50	$0.00	$24.27	$606.77	0.6%	0.0%	0.0%	0.6%
2,500	1,250,000	$73,708.36	$80,537.50	$6,426.91	$160,672.77	$74,705.86	$80,537.50	$6,468.47	$161,711.83	$997.50	$0.00	$41.56	$1,039.06	0.6%	0.0%	0.0%	0.6%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.00	$5.20
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00385	$0.00428
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(3)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(3)-2
Page 1 of 1

Sch. 5-E(3)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 500 Hours of Use, Rate Year 3

Hours Use: 500

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease) $				Increase (Decrease) % of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	100,000	$6,131.36	$6,443.00	$523.93	$13,098.29	$6,141.36	$6,443.00	$524.35	$13,108.71	$10.00	$0.00	$0.42	$10.42	0.1%	0.0%	0.0%	0.1%
750	375,000	$22,529.61	$24,161.25	$1,945.45	$48,636.31	$22,622.11	$24,161.25	$1,949.31	$48,732.67	$92.50	$0.00	$3.86	$96.36	0.2%	0.0%	0.0%	0.2%
1,000	500,000	$29,983.36	$32,215.00	$2,591.60	$64,789.96	$30,113.36	$32,215.00	$2,597.02	$64,925.38	$130.00	$0.00	$5.42	$135.42	0.2%	0.0%	0.0%	0.2%
1,500	750,000	$44,890.86	$48,322.50	$3,883.89	$97,097.25	$45,095.86	$48,322.50	$3,892.43	$97,310.79	$205.00	$0.00	$8.54	$213.54	0.2%	0.0%	0.0%	0.2%
2,500	1,250,000	$74,705.86	$80,537.50	$6,468.47	$161,711.83	$75,060.86	$80,537.50	$6,483.27	$162,081.63	$355.00	$0.00	$14.80	$369.80	0.2%	0.0%	0.0%	0.2%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.20	$5.30
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00428	$0.00438
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(3)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(3)-3
Page 1 of 1

Sch. 5-E(4)-1

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 600 Hours of Use, Rate Year 1

Hours Use: 600

Monthly Power		Rates Effective November 1, 2017				Proposed Rates, Year 1				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	120,000	$6,555.87	$7,728.00	$595.16	$14,879.03	$6,887.16	$7,731.60	$609.12	$15,227.88	$331.29	$3.60	$13.96	$348.85	2.2%	0.0%	0.1%	2.3%
750	450,000	$24,500.17	$28,980.00	$2,228.34	$55,708.51	$25,253.86	$28,993.50	$2,260.31	$56,507.67	$753.69	$13.50	$31.97	$799.16	1.4%	0.0%	0.1%	1.4%
1,000	600,000	$32,656.67	$38,640.00	$2,970.69	$74,267.36	$33,602.36	$38,658.00	$3,010.85	$75,271.21	$945.69	$18.00	$40.16	$1,003.85	1.3%	0.0%	0.1%	1.4%
1,500	900,000	$48,969.67	$57,960.00	$4,455.40	$111,385.07	$50,299.36	$57,987.00	$4,511.93	$112,798.29	$1,329.69	$27.00	$56.53	$1,413.22	1.2%	0.0%	0.1%	1.3%
2,500	1,500,000	$81,595.67	$96,600.00	$7,424.82	$185,620.49	$83,693.36	$96,645.00	$7,514.10	$187,852.46	$2,097.69	$45.00	$89.28	$2,231.97	1.1%	0.0%	0.0%	1.2%

		(1) Present Rates	(2) Proposed Rates, Year 1
Customer Charge		$825.00	$1,100.00
RE Growth Factor		$86.86	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.69	$4.43
Transmission Energy Charge	kWh x	$0.01123	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$3.70	$5.00
CapEx Factor - > 200 kW	kW x	$0.71	$0.00
Base Distribution Energy Charge	kWh x	$0.00551	$0.00385
Other Distribution Energy Charges	kWh x	$0.00349	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00687	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06440	$0.06443

(1) Comp Att 12 Workpaper 5, Page 5, Column (a)
(2) Comp Att 12 Workpaper 5, Page 5, Column (b)

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(4)-1
Page 1 of 1

Sch. 5-E(4)-2

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 600 Hours of Use, Rate Year 2

Hours Use: 600

Monthly Power		Proposed Rates, Year 1				Proposed Rates, Year 2				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	120,000	$6,887.16	$7,731.60	$609.12	$15,227.88	$6,938.76	$7,731.60	$611.27	$15,281.63	$51.60	$0.00	$2.15	$53.75	0.3%	0.0%	0.0%	0.4%
750	450,000	$25,253.86	$28,993.50	$2,260.31	$56,507.67	$25,557.36	$28,993.50	$2,272.95	$56,823.81	$303.50	$0.00	$12.64	$316.14	0.5%	0.0%	0.0%	0.6%
1,000	600,000	$33,602.36	$38,658.00	$3,010.85	$75,271.21	$34,020.36	$38,658.00	$3,028.27	$75,706.63	$418.00	$0.00	$17.42	$435.42	0.6%	0.0%	0.0%	0.6%
1,500	900,000	$50,299.36	$57,987.00	$4,511.93	$112,798.29	$50,946.36	$57,987.00	$4,538.89	$113,472.25	$647.00	$0.00	$26.96	$673.96	0.6%	0.0%	0.0%	0.6%
2,500	1,500,000	$83,693.36	$96,645.00	$7,514.10	$187,852.46	$84,798.36	$96,645.00	$7,560.14	$189,003.50	$1,105.00	$0.00	$46.04	$1,151.04	0.6%	0.0%	0.0%	0.6%

		(1) Proposed Rates, Year 1	(2) Proposed Rates, Year 2
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.00	$5.20
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00385	$0.00428
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(4)-1
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 1

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(4)-2
Page 1 of 1

Sch. 5-E(4)-3

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed Rates
Rates Applicable to G-32 / Former G-62 Rate Customers, 600 Hours of Use, Rate Year 3

Hours Use: 600

Monthly Power		Proposed Rates, Year 2				Proposed Rates, Year 3				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	120,000	$6,938.76	$7,731.60	$611.27	$15,281.63	$6,950.76	$7,731.60	$611.77	$15,294.13	$12.00	$0.00	$0.50	$12.50	0.1%	0.0%	0.0%	0.1%
750	450,000	$25,557.36	$28,993.50	$2,272.95	$56,823.81	$25,657.36	$28,993.50	$2,277.12	$56,927.98	$100.00	$0.00	$4.17	$104.17	0.2%	0.0%	0.0%	0.2%
1,000	600,000	$34,020.36	$38,658.00	$3,028.27	$75,706.63	$34,160.36	$38,658.00	$3,034.10	$75,852.46	$140.00	$0.00	$5.83	$145.83	0.2%	0.0%	0.0%	0.2%
1,500	900,000	$50,946.36	$57,987.00	$4,538.89	$113,472.25	$51,166.36	$57,987.00	$4,548.06	$113,701.42	$220.00	$0.00	$9.17	$229.17	0.2%	0.0%	0.0%	0.2%
2,500	1,500,000	$84,798.36	$96,645.00	$7,560.14	$189,003.50	$85,178.36	$96,645.00	$7,575.97	$189,399.33	$380.00	$0.00	$15.83	$395.83	0.2%	0.0%	0.0%	0.2%

		(1) Proposed Rates, Year 2	(2) Proposed Rates, Year 3
Customer Charge		$1,100.00	$1,100.00
RE Growth Factor		$107.55	$107.55
LIHEAP Charge		$0.81	$0.81
Transmission Demand Charge	kW x	$4.43	$4.43
Transmission Energy Charge	kWh x	$0.01206	$0.01206
Base Distribution Demand Charge - > 200 kW	kW x	$5.20	$5.30
CapEx Factor - > 200 kW	kW x	$0.00	$0.00
Base Distribution Energy Charge	kWh x	$0.00428	$0.00438
Other Distribution Energy Charges	kWh x	$0.00504	$0.00504
Transition Energy Charge	kWh x	$0.00057	$0.00057
Energy Efficiency Program Charge	kWh x	$0.01154	$0.01154
Renewable Energy Distribution Charge	kWh x	$0.00688	$0.00688
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x	$0.06443	$0.06443

(1) Sch. 5-E(4)-2
(2) Base Distribution Demand and Energy per Comp Att 9, All other rates equal to Rate Year 2

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4770/4780
Supplemental Compliance Attachment 10
Schedule 5-E(4)-3
Page 1 of 1

Supplemental Compliance Attachment 13

Narragansett Electric Redlined Tariffs

Marked to show changes from those currently in effect

NARRAGANSETT ELECTRIC COMPANY
REVENUE DECOUPLING MECHANISM PROVISION

In accordance with *An Act Relating to Public Utilities and Carriers – Revenue Decoupling*, the prices for distribution service contained in all of the Company's tariffs are subject to adjustment to reflect the operation of its Revenue Decoupling Mechanism ("RDM") Provision.

I. Definitions

"Actual Billed Distribution Revenue" shall mean the amounts the Company has billed during the applicable RDM Year for customer charges, distribution demand charges, distribution energy charges, Second Feeder Service charges, and any other charges or discounts that the Company records as distribution revenue. Actual Billed Distribution Revenue shall not include charges billed pursuant to the provisions of the Infrastructure, Safety and Reliability Provision, as may be amended from time to time. Actual Billed Distribution Revenue shall exclude the RDM Adjustment Factor, as it is subject to its own reconciliation.

"Annual Target Revenue" or "ATR" shall mean the revenue requirement as approved by the Commission less any adjustments to that revenue requirement as approved by the Commission.

"RDM Year" shall mean the twelve-month period beginning April 1.

"Forecasted kWh" shall mean the forecasted amount of electricity, as measured in kWh, to be distributed to the Company's retail delivery service customers for the twelve month period during which the proposed RDM Adjustment Factor will be in effect.

"RDM Adjustment Factor" shall mean a per-kWh factor equal to the RDM Reconciliation Amount divided by the Forecasted kWh for all rate classes.

"RDM Reconciliation Amount" shall mean the difference (either positive or negative) between the Actual Billed Distribution Revenue and the ATR for the RDM Year.

II. RDM Revenue Reconciliation and Adjustment Factor

The Company's RDM shall include an annual RDM Revenue Reconciliation which will reconcile ATR and Actual Billed Distribution Revenue for the same RDM Year. The RDM Revenue Reconciliation Amount (either positive or negative) shall determine the RDM Adjustment Factor. The Company shall submit a filing no later than May 15, in which the Company shall propose adjustments to distribution rates to reflect the RDM Adjustment Factor. These adjustments to distribution rates will be effective for usage on and after July 1.

In addition, the Company shall reflect the following adjustment to its RDM Revenue Reconciliation pursuant to the Settlement Agreement approved by the Commission in Docket No. 4770:

NARRAGANSETT ELECTRIC COMPANY
REVENUE DECOUPLING MECHANISM PROVISION

Adjustments Associated with the Update of the Amortization of Excess Deferred Federal Income Taxes and the Reduction in Federal Income Taxes for the Period January 2018 through August 2018

To account for revisions to the corporate federal income tax rate modified by the federal Tax Cuts and Jobs Act, the Company reflected the amortization of an estimate of excess deferred federal income taxes included in base distribution rates that became effective on September 1, 2018 pursuant to Docket No. 4770. This estimate of excess deferred federal income taxes ~~will be~~has been updated as a result of the Company filing its fiscal year 2018 federal income tax return in December 2018.

The Company ~~will has~~ submitted a supplemental compliance filing with the Commission in Docket No. 4770 ~~after the Company files its fiscal year 2018 federal income tax return~~ that ~~will~~ calculated the revenue requirement including the updated amortization of excess deferred federal income taxes based on the actual amount of excess deferred federal income taxes reported in its fiscal year 2018 federal income tax return. The Company ~~will also~~ calculated the difference between the revenue requirement it began recovering September 1, 2018 and the revenue requirement in the supplemental compliance filing. This difference, an increase in the revenue requirement of $1,781,295~~either positive or negative~~, will be reflected in the RDM Revenue Reconciliation as a one-time surcharge to customers in the next scheduled RDM F ~~f~~iling submitted after a Commission ruling on the amount of the difference.

The Commission opened Docket No. 4808 to investigate the impact of the reduction in the corporate federal income tax rate pursuant to the federal Tax Cuts and Jobs Act~~,~~ for the period of January 2018 through August 2018. Pursuant to a settlement agreement in Docket No. 4808, customers will receive a one-time credit of $4,842,025. This amount will be reflected in the RDM Revenue Reconciliation as a one-time credit to customers in the next scheduled RDM Filing submitted after a Commission ruling on the amount of the credit.

~~In addition, in the supplemental compliance filing in Docket No. 4770, if the Company proposes and the Commission approves a proposal that does not require a change in base distribution rates as a result of the updated revenue requirement due to the amount of the update deemed as relatively small, the Company will include annual adjustments in the RDM Revenue Reconciliation and filing for the period up to the effective date of new base distribution rates resulting in the subsequent general rate case.~~

The RDM Adjustment Factor will be based on the RDM Reconciliation Amount for the prior RDM Year as determined above. The amount of over- or under-recovery resulting from the RDM Reconciliation Amount, including interest at the rate paid on customer deposits, shall be used to determine a uniform per-kWh RDM Adjustment Factor based on the Forecasted kWh. The RDM Adjustment Factor shall be applicable to all retail delivery service customers. The amount approved by the Commission to be recovered or refunded through the RDM Adjustment Factor shall be subject to reconciliation.

NARRAGANSETT ELECTRIC COMPANY
REVENUE DECOUPLING MECHANISM PROVISION

III. Adjustments to Annual Target Revenue

The ATR shall be based on the revenue requirement approved by the Commission in the Company's most recent general rate case. The ATR may be adjusted should the Commission approve recovery mechanisms for costs included in the revenue requirement such that those costs would be recovered from customers through two mechanisms or not recovered at all. Should the Company's ATR change during a RDM Year as a result of a new revenue requirement arising from a general rate case that may be approved by the Commission, the Company shall allocate the prior ATR and new ATR to each month within the RDM Year based on the rate year kWh deliveries reflected in the general rate case from which the revenue requirement was based.

IV. Interim RDM Adjustments

If at any time during the year, the total of cumulative Actual Billed Distribution Revenue excess/shortfall for the Company in total is estimated to be equal to or greater than 10% above or below the Company's ATR for the current RDM Year, the Company will petition the Commission for an interim adjustment prior to its next scheduled RDM Filing.

V. Adjustments to Rates

Adjustments to rates pursuant to the RDM Provision are subject to review and approval by the Commission. Modifications to the factors contained in this RDM Provision shall be in accordance with a notice filed with the Commission pursuant to R.I.G.L. § 39-3-11(a) setting forth the amount(s) of the revised factor(s) and the amount(s) of the increase(s) or decrease(s). The notice shall further specify the effective date of such charges.