

September 9, 2013

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket 4307 - Electric Infrastructure, Safety, and Reliability ("ISR") Plan Fiscal Year 2013
Annual Report and Reconciliation Filing**

Dear Ms. Massaro:

On August 1, 2013, National Grid¹ filed its annual report and reconciliation for the FY 2013 Electric ISR plan. After it made that filing, the Company discovered that although it listed \$231,884 of overhead Inspection and Maintenance ("I&M") spending in the O&M category found in Section V, Table 11 of its annual report, it did not include that amount when calculating the total O&M expenses provided in Table 11. Consequently, I have enclosed ten (10) copies of a revised report that corrects that error. Also enclosed are revised attachments to the testimony of William R. Richer (Attachment WRR-1-Revised) and Nancy Ribot (Attachments NR-1-Revised through NR-6-Revised) to reflect that additional \$231,884 amount in the revenue requirement reconciliation and the resulting O&M Reconciling Factor.

As indicated in the revised Attachment NR-6 to Ms. Ribot's testimony, the bill impact of the revised proposed reconciling factors on a typical residential customer, receiving Standard Offer Service and using 500 kWhs per month, is a decrease of \$0.06, from \$78.97 to \$78.91.

Thank you for your attention to this transmittal. If you have any questions, please contact me at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 4307 Service List
LeoWold, Esq.
Steve Scialabba, Division
James Lanni, Division
Al Contente, Division

¹ The Narragansett Electric Company d/b/a National Grid ("National Grid" or the "Company").

Electric Infrastructure, Safety and Reliability Plan

FY13 Annual Report and Reconciliation

EXECUTIVE SUMMARY

In accordance with tariff, R.I.P.U.C. No. 2044, Sheets 1- 4, The Narragansett Electric Company d/b/a/ National Grid (“the Company”) submits this annual report and reconciliation filing for the fiscal year 2013 (“FY13”) Infrastructure, Safety and Reliability (“ISR”) Plan approved by the Commission in this docket. This filing also provides the actual discretionary and non-discretionary capital investment spending and the actual Vegetation Management and Inspection and Maintenance (I&M) expenses for the period April 1, 2012 to March 31, 2013. The actual spending is compared to the budgeted amounts for these categories as approved by the Commission. Also included are details on the Company’s plant in service during that time period. Finally, this filing also includes a summary of the Company’s Reliability Performance through December 31, 2012.

For FY13, the Company’s capital Electric ISR spending was \$49.5 million, which was \$7.0 million less than the annual approved budget of \$56.5 million. Section I, below provides a summary overview of the actual non-discretionary and discretionary capital investment. Section II provides an explanation of capital investment variances by category to the budget approved in Docket No. 4307. A summary overview of the plant placed in service in FY13 compared to the FY13 ISR budget is set forth in Section III. Section IV provides a breakdown of Vegetation Management expenses and an explanation of the variance for these expenses within the categories of the approved budget of \$8.3 million. Section V provides a similar breakdown for I&M expenses and an explanation of the variance with the approved budget of \$2.3 million. Finally, the Company’s reliability performance metrics are addressed in Section VI of this filing.

In FY13, the Company consolidated its financial systems, implementing the SAP financial reporting system in November of 2012. As a result of this major system conversion, the Company was unable to file its third and fourth quarterly ISR reports due to the unavailability of certain financial information ordinarily included in those reports. The financial data required to support the capital spending amounts of the full fiscal year is now available from the SAP system and is included in this annual report for all quarters of FY13. The spending results for the FY13 ISR plan have been reviewed and several adjustments were made based on a review of capital, expense and cost of removal cost trends both pre- and post-SAP. As with any system conversion of this magnitude, continued review of financial data is ongoing until such time as the Company

determines the systems are adequately stabilized and operating in an expected fashion. If the Company should discover any inaccuracies with the data recorded in its general ledger and submitted with this filing, appropriate adjustments to this filing will be submitted to ensure that customers are insulated from any unintended economic harm.

I **FY13 Actual Results**

1. **Capital Spending Overview**

As set forth in Table 1 below¹, overall, for FY13, the Company spent \$49.5 million for capital investment under the Electric ISR Plan. This amount was \$7.0 million under budget against an annual approved budget of \$56.5 million. This \$7.0 million variance is comprised of \$2.5 million of non-discretionary capital (statutory/regulatory and damage/failure) spending which was primarily driven by economic conditions leading to a reduction in the amount of new business and public requirement projects in comparison to historical projections, as well as an increase in contributions and reimbursements in comparison to historical projections. An additional variance of \$4.5 million of discretionary capital (asset condition, non-infrastructure and system capacity and performance) spending was primarily driven by projects in the asset condition and system capacity and performance spending categories which were delayed or came in under budget. The key drivers and variances by category of capital are as discussed in greater detail in Section 2 below.

Table 1

	FY13 Annual ISR Budget (\$)	FY13 Actual (\$)	Variance (\$)
<u>NON-DISCRETIONARY CAPITAL SPENDING</u>			
Statutory/Regulatory	20,006,000	10,410,223	(9,595,777)
Damage/Failure	10,422,000	17,515,452	7,093,452
Subtotal	30,428,000	27,925,675	(2,502,325)
<u>DISCRETIONARY CAPITAL SPENDING</u>			
Asset Condition	11,863,000	8,070,832	(3,792,168)
Non-Infrastructure	336,000	2,269,065	1,933,065
System Capacity & Performance	13,913,000	11,249,212	(2,663,788)
Subtotal	26,112,000	21,589,109	(4,522,891)
TOTAL CAPITAL SPENDING	56,540,000	49,514,784	(7,025,216)

¹ For consistency, in this Attachment, "Variances" shown in parentheses () reflect an under spending.

II. Actual Spending by Category

1. Non- Discretionary Capital Expenditures Compared to Budget for FY13

The key drivers for the variances by major categories for non-discretionary capital spending compared to the budget for FY13 are listed below.

a. Statutory/Regulatory - \$9.6 million under budget for FY13

The major variance for the Statutory/Regulatory category was the result of a significant reduction in the amount of new business and public requirement projects in comparison to historical projections due primarily to the economy in Rhode Island in FY13. Furthermore, Contributions in Aid of Construction (CIACs) and reimbursements for distributed generation and public requirements projects exceeded historical projections, with \$1.2M more in reimbursements than FY12. The credit balances for distributed generation and public requirements are due to timing, where the construction and the reimbursements are not occurring in the same fiscal year. As shown in Table 2 below, new business commercial, meters, public requirements and distributed generation capital spending were the major contributors to this category's variance below budget of \$9.6 million. Detailed budget and actual spending by budget classification for the Statutory/Regulatory category is shown in Table 2 below.

Table 2

Spending Rationale	Budget Classification	FY13 Budget (\$)	FY13 Actual Spending (\$)	Variance
Statutory/Regulatory	3rd Party Attachments	705,000	223,335	(481,665)
	Land and Land Rights - Distribution	297,000	127,922	(169,078)
	Meters – Distribution	1,815,000	1,454,793	(360,207)
	Distributed Generation		(675,256)	(675,256)
	New Business - Commercial	5,950,000	3,721,667	(2,228,333)
	New Business - Residential	3,304,000	2,885,908	(418,092)
	Outdoor Lighting - Capital	571,000	487,545	(83,455)
	Public Requirements	3,709,000	(1,230,546)	(4,939,546)
	Transformers and Related Equipment	3,655,000	3,414,855	(240,145)
	Statutory/Regulatory Subtotal	20,006,000	10,410,223	(9,595,777)

b. Damage/Failure - \$7.1 million over budget for FY13

In contrast, the Damage/Failure capital spending for FY13 was higher than budget due primarily to the storm activity associated with the costs² of restoration following Hurricane Sandy and the February 7 Winter Storm. Detailed budget and actual spending by budget classification for the Damage/Failure category is shown in Table 3.

Table 3

Spending Rationale	Budget Classification	FY13 Budget (\$)	FY13 Actual Spending (\$)	Variance
Damage/Failure	Damage/Failure	9,772,000	7,795,002	(1,976,998)
	Major Storms - Dist	650,000	9,720,450	9,070,450
	Damage/Failure Subtotal	10,422,000	17,525,452	7,093,452

2. Discretionary Capital Expenditures Compared to Budget for FY13

a. Asset Condition - \$3.8 million under budget for FY13

Overall spending was less than budget in the Asset Condition category for FY13 primarily driven by the variance on asset replacement projects, the flood damage and avoidance mitigation projects, and the Woonsocket project.

² Capital replacement work during major storm events is not recovered through the storm fund.

As discussed in the Company's second quarterly report³, the following projects are the primary drivers for the variance below budget in the asset replacement projects:

- The Eddy St. Cable installation was completed in FY12 ahead of schedule, with some carryover of costs into FY13, resulting in a variance below budget of approximately \$430,000.
- Governor St. Providence spending was below budget because the project schedule was adjusted to best coordinate with a gas project on the same street. This resulted in a variance below budget of approximately \$980,000.
- Fdr 1111 Install Cable Weybosset/Union Streets, Providence is under budget due to the acceleration of the project into FY12, ahead of schedule. This resulted in a variance below budget of approximately \$200,000.
- Fdr 1127 install Cable Dyer/Dorrance Sts Providence is under budget due to the acceleration of the project into FY12, ahead of schedule. This resulted in a variance below budget of approximately \$260,000.
- Relay Replacement Project spending is under budget in FY13 due to spending at Riverside Substation being delayed into FY14 in order to advance higher priority work at the Riverside Substation. This resulted in a variance below budget of approximately \$700,000.

In addition, the Spare Transformer project in the asset condition category was reflected in the system capacity and performance category, resulting in a variance below budget of \$350,000 in the asset condition category.

Offsetting a portion of this variance below budget were emergent projects that were not budgeted in FY13, the most significant of which are the following:

- Final payments were made on a Mobile Substation Replacement Project which was an emergent project in FY12. The mobile substation will reduce constraints on this equipment and allow work on more projects in

³ Electric Infrastructure, Safety and Reliability Plan, FY13 Quarterly Update, Second Quarter Ending September 30, 2012, filed November 30, 2012.

parallel. This resulted in a variance above budget of approximately \$575,000.

- Additional cable replacement projects were undertaken to replace the cable work which was accelerated into FY12, such as Feeder 1107, Chapel Street and Mathewson Street and Merton Sub Cable 37K22. This resulted in a variance above budget of approximately \$580,000.

For the Asset Replacement – Inspection and Maintenance project, the variance below budget was approximately \$300,000. For FY13, 93% of the planned I&M work was completed. Twelve of the sixteen feeders in the I&M program were completed, and 4 feeders were partially completed. Three of the feeders which were partially completed were delayed due to Telephone Company pole sets. (Currently only one feeder is still awaiting Telephone Company pole sets.)

The amounts budgeted in the FY13 ISR for the flood damage avoidance were to begin mitigation work resulting from engineering reviews. The bulk of the costs included in the FY13 ISR were to start mitigation measures to retire the Westerly substation with the installation of new facilities in Hopkinton and at the Langworthy substation. The Company has consolidated capacity-related and flood-mitigation-related projects for Hopkinton in the system capacity and performance category going forward. For the FY13 ISR, the Hopkinton and Langworthy projects in the asset condition category were approximately \$700,000 under budget due to the transfer of approximately \$175,000 out of the asset condition project to consolidate with the Hopkinton system capacity project and due to delays experienced with the Hopkinton project. The delays were primarily driven by extended Town negotiations regarding the proposed property requiring a zoning amendment approval and delays in the environmental due diligence process for purchasing the land. Originally the Company expected to close on the land in February of 2013, but currently the date scheduled for closing on the property is October 2013. The Company is currently assessing the overall schedule impacts, but does expect the schedule for construction to be delayed by several months. The Langworthy variance below budget is approximately \$200,000 (of the (\$700,000 total variance mentioned above). This variance is due to final design being deferred to FY14 primarily driven by delays in obtaining transformer information from the manufacturer. It is expected that Langworthy will be complete by May 2014.

Engineering is progressing for solutions at Pontiac, Pawtuxet, and Warwick Mall substations, and solutions for these substations account for more than half of the

funds spent in this category. Spending for the Pontiac station was approximately \$160,000 under budget as a result of refined scope definition that occurred during this fiscal year to include other asset condition work at this station.

Spending for the Sockanosett Substation had a variance \$200,000 under budget. As discussed in the FY 14 ISR Plan⁴, spending for Sockanosett has been deferred pending an area capacity study that may affect the need for this substation. The study is expected to be completed by October 2013.

The variance of approximately \$640,000 below budget for Woonsocket is due to completion of this project ahead of schedule, and with lower than estimated costs. This project was placed in service in February of 2013, ahead of the original schedule, with minimal work carrying over into FY13. In addition, one less recloser was installed than had been included in the project estimate, and less repaving was required at the site than originally anticipated. Overall this project was budgeted for \$1.7 million and the actual cost was \$1.4 million.

Detailed budget and actual spending by budget classification for the Asset Condition category is shown in Table 4.

Table 4

Spending Rationale	Budget Classification	FY13 Budget (\$)	FY13 Actual Spending (\$)	Variance
Asset Condition	Woonsocket & Related	825,000	188,356	(636,644)
	Asset Replacement	8,583,000	6,611,918	(1,971,082)
	Asset Replacement –	1,250,000	1,086,377	(163,623)

⁴ Electric Infrastructure, Safety, and Reliability Plan FY 2014 Proposal, filed December 28, 2012, Docket No. 4382.

	I&M			
	Flood Damage Avoidance Engineering Studies	1,205,000	184,181	(1,020,819)
	Asset Condition Subtotal	11,863,000	8,070,832	(3,792,168)

b. Non-Infrastructure - \$1.9 million over budget for FY13

As shown in Table 5 overall spending in the non-infrastructure category for FY13 is higher than budget due to a radio improvement project, which was inadvertently not budgeted in FY13. This project will upgrade the radio system for Rhode Island from UHF Logic Trunk Radio to PassPort networked trunking, and replace the electric mobile radio fleet, which is not PassPort trunking compliant. PassPort trunking is a two-way radio system technology that networks multiple transmitter sites together simplifying radio operation for the end user. This will also maintain compatibility with radio systems between Rhode Island and Massachusetts for emergency restoration. The spending on this project in FY13 was approximately \$1 million.

It should be noted that the Non-Infrastructure category contains several administrative accounting items. In the non-infrastructure category there is a positive balance of approximately \$500,000 for other accounting adjustments. This includes a reclassification adjustment associated with a \$400,000 credit described in the Company's FY 12 Electric ISR reconciliation filing. In FY 13, this credit was reclassified resulting in an increase in the non-infrastructure category offset by smaller decreases to other ISR categories. The net impact on total FY 13 ISR spending as a result of this particular adjustment is zero. Also in the Non-Infrastructure Administrative/General category is approximately \$390,000 which is a transmission charge inadvertently included in the distribution costs. This charge was post-SAP and will be corrected in FY14. It should be noted that this charge is not included in plant in service costs included in Table 8, and will have no customer impact.

Table 5

Spending Rationale	Budget Classification	FY13 Budget (\$)	FY13 Actual Spending (\$)	Variance
Non-Infrastructure	Administrative/General	--	889,752	889,752
	General Equipment	\$186,000	191,193	5,193
	Telecommunications	\$150,000	1,188,120	1,038,120
	Non-Infrastructure Subtotal	336,000	2,269,065	1,933,065

c. **System Capacity and Performance - \$2.7 million under budget for FY13**

Overall spending was lower than budget in the System Capacity and Performance category for FY13 primarily driven by the projects listed below. Detailed budget and actual spending by budget classification for the System Capacity and Performance category is shown in Table 6.

Hopkinton & Related

- The variance below budget of approximately \$760,000 for the substation work for the Hopkinton projects was primarily driven by extended Town negotiations regarding the proposed property, requiring a zoning amendment approval and delays in the environmental due diligence process for purchasing the land, as discussed previously in the asset condition category. Originally the Company expected to close on the land in February of 2013, but currently the date scheduled for closing on the property is October 2013. The Company is currently assessing the overall schedule impacts, but does expect the schedule for construction to be delayed by several months. Furthermore, the \$175,000 from the asset condition category which was to be transferred to the system capacity and performance category was mistakenly transferred to expense. This will be corrected and transferred into the capital project in FY14.

Newport & Related:

- The variance below budget for the Newport projects is approximately \$225,000. The budget for FY13 assumed award of the engineering design to an external vendor as well as some spending for long lead materials. However this project is still in the permitting phase as the Company continues to work with the City for a zoning amendment. Work for engineering design is on hold until the Company can be reasonably confident that zoning amendment will be approved.

West Warwick & Related

- The variance below budget of approximately \$275,000 for West Warwick was due to continued delays in purchasing land. The Company currently expects the land purchase to be finalized by September 2013, with milestones for engineering design to be completed by September 2014.

Construction is scheduled to start in March 2015 and be completed by June 2016.

Load Relief

The primary drivers for the variance below budget for the Load Relief Budget Classification were the following projects.

- The Reconductoring of the 2232 was delayed into the first and second quarters of FY14, due to resource impacts from Hurricane Sandy resulting in a variance below budget of \$700,000.
- The Nasonville 127W43 feeder project was delayed due to customer related delays, and no spending occurred on this project in FY13 resulting in a variance below budget of \$600,000.
- The Harrison Feeder Upgrade project had a variance below budget of \$400,000 due to the delay in construction to FY14 to accommodate additional permitting and licensing for a new manhole and duct system, after a detailed manhole survey of the existing infrastructure revealed it inadequate to support additional cable installation.
- The Highland Drive substation project had a variance below budget of \$630,000. This project had an aggressive schedule however, delays were encountered in land rights/acquisition to access the substation parcel. These issues have been resolved and the Company expects to complete the land purchase by August 2013.

Offsetting a portion of this variance below budget was an allowance for schedule changes of a negative \$1.6 million in the load relief category. In addition, further offsetting a portion of the variance in the Reliability budget classification, and keeping within the overall Reliability budget classification were the overloaded transformer project which had a variance above budget of approximately \$425,000. This was primarily due to additional efforts to limit the reliability impact of individual transformer outages, including increased labor to tie secondaries together to reduce the number of customers affected.

Reliability

In the Reliability Budget Classification, the following projects accounted for the variance below budget:

- The Energy Management System (EMS)/ Remote Terminal Unit (RTU) projects were delayed due to constraints in project management, engineering, and design resources in FY12. Although these projects are now progressing, they show a variance below budget of approximately \$400,000 in FY13 due to those earlier delays.
- The Reliability Blanket project was under budget by approximately \$590,000 at the end of FY13 driven by a lower volume of blanket work identified and available and by the impact of storm restoration on internal resource availability to perform overhead capital work
- The potted porcelain cutout replacements were completed by the end of the fiscal year with one percent more units replaced than originally forecasted. The total costs were under budget by approximately \$460,000 due to lower installed unit costs gained by efficiencies in scheduling work requiring customer outages.

Offsetting a portion of the variance in the Reliability budget classification, and keeping spending within the overall Reliability budget classification were the following projects:

- Wood River Differential Scheme: The installation of a differential scheme for protection of the No. 10 and No. 20 transformers, and scheme enhancements, at Wood River Substation were necessary to limit exposure to substations and customers upstream of Wood River. This project was an action item resulting from a review of the February 2012 outage at Wood River. The FY13 costs for this project were approximately \$465,000.
- Spare transformer purchase: This transformer will be a system spare for nine transformers in RI that presently do not have a spare. It will provide coverage for the following transformers: Peacedale T1 and T2, Hopkins Hill T1 and T2, Division Street T1 and T2, Quonsett T1, Westerly T1 and T4. The FY13 costs for this project were approximately \$430,000. This project was originally budgeted in the asset condition category for \$350,000.

Reliability – Feeder Hardening

- In the Reliability – Feeder Hardening budget classification, the Company completed the remaining 76 miles of the Feeder Hardening program in FY13. The Company had accelerated some of the FY13 Feeder Hardening work into FY12. Total capital spending on Feeder Hardening in FY12, including the FY13 miles worked in FY12, was \$2.6 million against a FY12 budget of \$2.4 million. In the 4th quarterly report for FY12, the Company projected capital spending on Feeder Hardening for FY13 to be \$1.0 million against a budget of \$1.5 million. The Feeder Hardening work was completed in FY13 with a variance of approximately \$100,000 below the revised forecast, and a variance of \$600,000 below the original approved budget.

Table 6

Spending Rationale	Budget Classification	FY13 Budget (\$)	FY13 Actual Spending (\$)	Variance
System Capacity and Performance	Coventry & Related	975,000	1,006,010	31,010
	Hopkinton & Related	800,000	37,468	(762,532)
	Newport & Related	450,000	226,213	(223,787)
	West Warwick & Related	325,000	50,970	(274,030)
	Load Relief	5,576,000	5,297,879	(278,121)
	Reliability	4,287,000	3,723,651	(563,349)
	Reliability – Feeder Hardening	1,500,000	907,019	(592,981)
	System Capacity and Performance Subtotal	13,913,000	11,249,212	(2,663,788)

d. **FY13 Work Plan Accomplishments**

Table 7 below provides actual work plan accomplishments against the goals of the FY13 work plan.

Table 7

Actual Work Plan Accomplishments for FY13

Program Type	FY13 Goals	FY13 Accomplishments	% Goal Complete
Feeder Hardening mileage	3 Feeders/ Goal was to complete all remaining Feeder Hardening	76.21 Miles	100% of Feeder Hardening is complete in RI
Recloser installation counts	4	4	100%
Distribution transformer upgrades	550	573	104%
Cutouts replaced	4,000	4,067	101%
I&M Program	16,323 Hours (on 16 Feeders)	15,229 Hours (12 feeders 100% complete, 4 feeders partially complete)	93%

III FY13 Capital for Plant Investment Placed in Service

In addition to providing the capital spending for FY13, the Company is also required as part of its reconciliation filing to submit the annual capital spending for Plant Additions that were placed in service during the fiscal year. As shown in Table 8 below, for FY13, \$44.2 million was placed in service, which was \$7.0 million below the forecast for plant in service for FY13. Table 9 provides the total Cost of Removal (COR) for FY13, which was \$5.2 million, or \$1.9 million below the forecast for Cost of Removal.

Table 8

	FY13 Annual ISR Forecast	FY13 Actual In Service	Variance
<u>NON-DISCRETIONARY INVESTMENT</u>			
Statutory/Regulatory	18,406,000	11,261,897	(7,144,103)
Damage/Failure	10,213,000	12,172,707	1,959,707
Subtotal	28,619,000	23,434,604	(5,184,396)
<u>DISCRETIONARY INVESTMENT</u>			
Asset Condition	10,120,000	6,638,163	(3,481,837)
Non-Infrastructure	336,000	112,879	(223,121)
System Capacity & Performance	12,291,000	14,145,495	1,854,495
Subtotal	22,747,000	20,896,537	(1,850,463)
Total Capital Investment in Systems	51,366,000	44,331,141	(7,034,859)

Table 9

	FY13 Annual ISR COR Forecast	FY13 Actual COR	Variance
<u>NON-DISCRETIONARY COST OF REMOVAL (COR)</u>			
Statutory/Regulatory	1,693,400	1,363,678	(329,722)
Damage/Failure	1,672,280	2,982,593	1,310,313
Subtotal	3,365,680	4,346,271	980,591
<u>DISCRETIONARY COST OF REMOVAL (COR)</u>			
Asset Condition	2,256,490	913,715	(1,342,775)
Non-Infrastructure	27,900	(427,536)	(455,436)
System Capacity & Performance	1,424,930	347,491	(1,077,439)
Subtotal	3,709,320	833,671	(2,875,649)
Total Cost of Removal	7,075,000	5,179,942	(1,895,058)

IV. FY13 Vegetation Management

As shown below in Table 10, overall the total vegetation management spending for FY13 was \$8.249 million with an approved budget of \$8.256 million. The Company completed 104 percent of the annual distribution mileage cycle trimming goal with an associated spend of 93 percent of the FY13 cycle trimming budget. Variances within categories were due to an aggressive approach by our procurement team, which allowed the Company to command lower prices for its cycle pruning program, and increased police detail requirements throughout the state. Also as shown in Table 10, the Company is including \$356,000 of Sub-T and Core costs that were spent in FY12 but inadvertently excluded from the FY12 filing. The Company discussed this matter with the Division and indicated that it would include these costs in the FY13 reconciliation filing.

The vegetation management costs do not include costs for major storms, such as Hurricane Sandy or the Winter Storm on February 7, 2013. Those costs will be included in the Company's cost recovery filing(s) in Docket 2509.

Finally, with respect to the issues with Verizon, the Company began discussions with Verizon in March of 2013 to attempt to negotiate a new arrangement designed to specifically identify the responsibilities of both parties for the payment of both routine and storm trimming cost. At this time, the parties have traded proposals, but have reached no resolution.

Table 10

US Electricity Distribution - Rhode Island O&M Vegetation Management Expenditures FY13 thru March 31, 2013			
	FY2013 Total		
	Budget	Actual	Variance
Vegetation Management			
Cycle Trimming	\$5,150,000	\$4,764,244	(\$385,756)
Hazard Tree	\$1,117,000	\$1,198,336	\$81,336
SubT (on & off road)	\$290,000	\$243,307	(\$46,693)
Police Detail	\$488,000	\$766,382	\$278,382
Core Crew (all other Act.)	\$1,211,000	\$1,276,480	\$65,480
<i>Total FY 13 Vegetation Management</i>	\$8,256,000	\$8,248,749	(\$7,251)
		\$321,623	
FY 12 Sub T Correction		\$34,322	
FY 12 Core Crew Correction			
<i>Total FY 12 Correction</i>		\$355,945	
<i>Total Vegetation Management</i>		\$8,604,694	
	Annual %		
	Complete vs FY13		
	FY13 Goal	FY13 Complete	Goal
Distribution Mileage Trimming	1,300	1,348	104%

V. FY13 Inspection and Maintenance

As shown in Table 11 below, for FY13, 100% of the annual inspection goal was completed with an associated spend of 108 percent of the FY13 inspection budget. Costs to inspect the overhead distribution system were higher than estimated due to both underestimating the costs for the inspections and to a large number of storms that impacted Rhode Island during the fiscal year. As such, additional overtime was needed to complete the target of twenty percent and to compensate for the shifting of resources to storm restoration. These factors contributed approximately equally to the increased costs of the inspection program for the year.

With respect to cutout replacements, the number of replacements exceeded the target number by one percent (4,000 v. 4,067), and the program was under budget due to lower installed unit costs gained by efficiencies in scheduling work requiring customer outages.

As discussed in the System Capacity and Performance section above, approximately 76 miles of Feeder Hardening was completed in FY13. As shown in Table 11, total expense spending on Feeder Hardening in FY13 was under budget in FY13 as some of the work had been advanced to FY12.

Also, as shown in Table 11, both expense related to capital spending for the I&M program and repair related spending for the I&M program were under budget. For FY13, 93% of the planned I&M work was completed. Twelve of the sixteen feeders in the I&M program were completed, and 4 feeders were partially completed. Three of the feeders which were partially completed were delayed due to Telephone Company pole sets. (Currently only one feeder is still awaiting Telephone Company pole sets.) However, the primary driver for the under spend was due to modification in the work order management system to more appropriately capture grounding as a capital item when performed separately from pole or other equipment installation. Grounding always has been an available Unit of Property but was not tied as a compatible unit in the work management system to the Retirement Unit in the Unit of Plant catalog. This was not a significant issue in the past as grounding was typically capitalized as a part of other capital work that was being performed. With the inception of the Inspection and Maintenance program, grounding assets are more frequently installed as stand-alone assets. The Company has modified the work management system to properly reflect the grounding assets being created in the Fixed Asset Repository as stand-alone assets. The capital spending for I&M was under budget even with this change in the work order management system.

Overall, the Inspection and Maintenance program cost was \$1.48 million, approximately \$0.79 million lower than the original ISR budget.

Table 11

**US Electricity Distribution - Rhode Island
Inspection and Maintenance Program Progress Update
FY13 thru March 31, 2013**

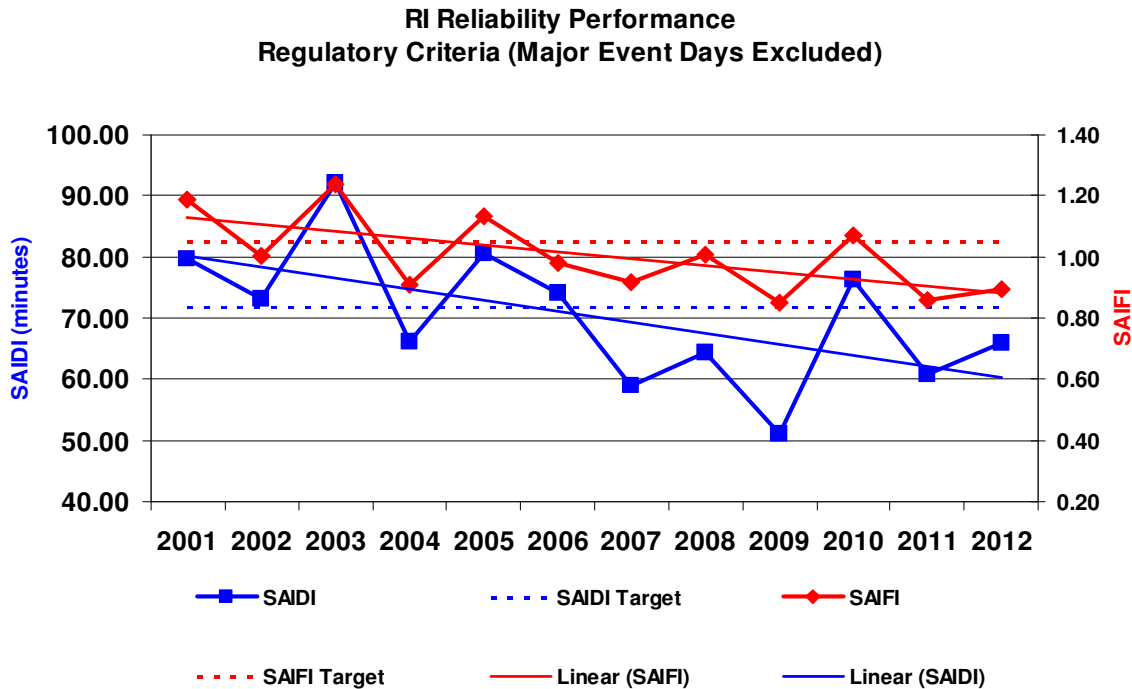
	FY2013 Total		
	Budget	Actual	Variance
<i>Opex Related to Capex</i>			
Potted Porcelain Cutouts	\$176,500	\$112,085	(\$64,415)
Feeder Hardening	\$530,000	\$493,513	(\$36,487)
Overhead I&M	\$770,000	\$231,884	(\$538,116)
<i>Subtotal Opex Related to Capex</i>	\$1,476,500	\$837,482	(\$639,018)
<i>Repair related Costs-Overhead I&M</i>	\$609,000	\$442,865	(\$166,135)
<i>Inspections-Related Costs</i>	\$185,400	\$199,858	\$14,458
<i>Total O&M Expenses</i>	\$2,270,900	\$1,480,205	(\$790,695)

	Annual % Complete vs FY 13		
	FY13 Goal	FYTD Complete	Goal
RI Distribution Overhead Structures Inspected	52,504	52,504	100%

VI. Reliability Performance

The Company met both its System Average Interruption Frequency Index (“SAIFI”) and System Average Interruption Duration Index (“SAIDI”) performance metrics in calendar year 2012 (“CY12”), with SAIFI of 0.90 against a target of 1.05, and SAIDI of 65.99 minutes, against a target of 71.9 minutes. The Company’s annual service quality targets are measured excluding major event days.⁵ A comparison of reliability performance in CY12 relative to that of previous years is shown in Table 12. The Company’s performance has shown a downward (improving) trend over the past several years with major event days excluded.

Table 12



CY12 had 4 days that were characterized as major event days. The most significant single event was Hurricane Sandy, which started on October 29, and led to 158,516 customer interruptions through November 5th, when all customers were restored. October 29th through October 31st are

⁵ Major Event Days (“MED”) is defined as a day in which the daily system SAIDI exceeds a MED threshold value (4.97 minutes for 2012). For purposes of calculating daily system SAIDI any interruption that spans multiple calendar days is accrued to the day on which the interruption began. Statistically, days having a daily system SAIDI greater than the MED are days on which the energy delivery system experiences stress beyond that normally expected, such as during severe weather.

excluded as major event days. All events in 2012 characterized as major event days are shown in Table 13.

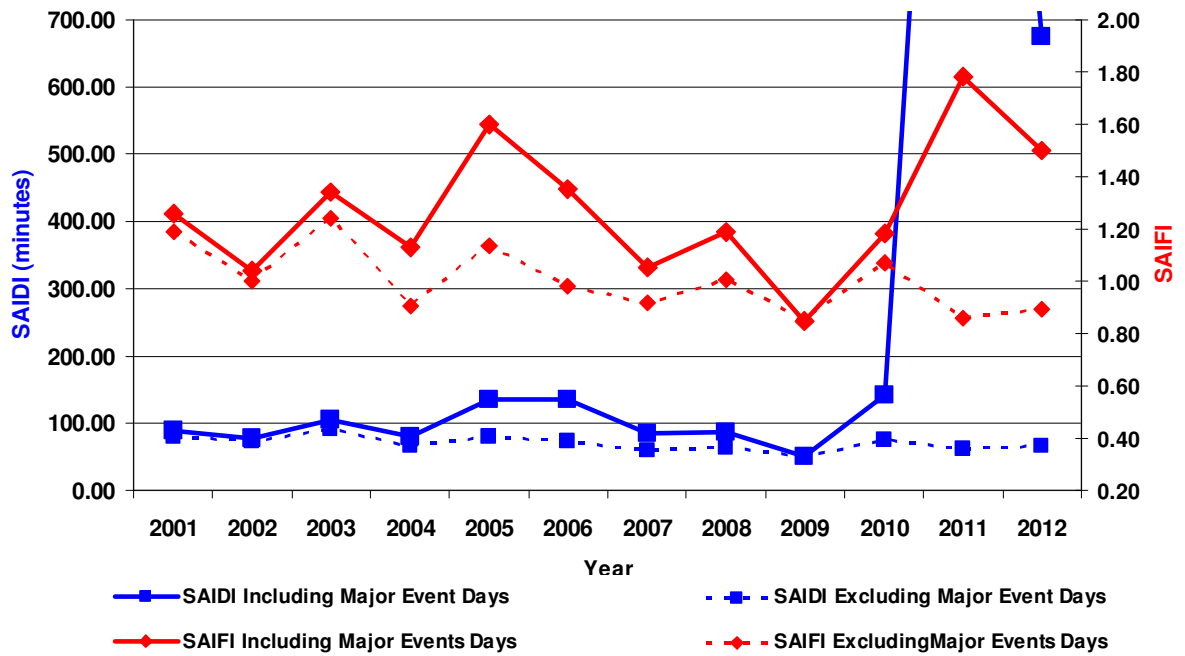
Table 13

Event	Dates Excluded	Total Customers Interrupted/Daily SAIDI
July 18 Thunderstorm	July 18, 2012	July 18: 33,151/16.60
Hurricane Sandy	October 29, 2012 to October 31, 2012 (3 days)	October 29: 144,797/545.92 October 30: 4,570/19.14 October 31: 2,838/8.7

Reliability performance, both including and excluding major event days, is shown in Table 14 for 2001 through 2012. SAIDI for 2011 including major event days exceeds the scale of the chart, at 1,947 minutes (32.5 hours), driven by Tropical Storm Irene. As shown in the graph, 2011 and 2012 show the greatest differences between performance with and without major event days. In 2011, the Company experienced 10 major events days from 5 events, with 7 of the days occurring from Tropical Storm Irene and the October Snowstorm.

Table 14

**RI Reliability Performance
With and Without Major Event Days**



**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: WILLIAM R. RICHER**

Attachment WRR-1-Revised

Electric Infrastructure, Safety, and Reliability Plan Revenue Requirement Calculation

**The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
Summary**

Line No.			As Approved (a)	Proration (b)	Calculated (c)
1	<u>Operation and Maintenance (O&M) Expenses:</u>				
2	Current Year Vegetation Management (VM)	Attachment JLG-1-Revised, Page 17 of 22, Table 10	\$8,256,000		\$8,248,749
3	Prior Year Vegetation Management (VM) Correction	Attachment JLG-1-Revised, Page 17 of 22, Table 10			\$355,945
4	Current Year Inspection & Maintenance (I&M)	Attachment JLG-1-Revised, Page 19 of 22, Table 11	\$2,270,900		\$1,480,205
5	Total O&M Expense Component of Revenue Requirement	Sum of Lines 2 through 4	<u>\$10,526,900</u>		<u>\$10,084,899</u>
6	<u>Capital Investment:</u>				
7	FY2013 Projected Revenue Requirement	Col (a) = R.I.P.U.C. Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 1 of 6, Line 9(b); Col (c) = Col (a) * Col (b)	\$1,127,207	* 10/12 =	\$939,339
8	FY2013 Incremental Revenue Requirement	Page 2 of 12, Line 51			(\$546,405)
9	FY2012 Projected Revenue Requirement	Col (a) = R.I.P.U.C. Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 1 of 6, Line 8(b); Col (c) = Col (a) * Col (b)	\$2,775,419	* 10/12 =	\$2,312,849
10	FY2012 Incremental Revenue Requirement	Page 4 of 12, Line 51, Col (b)			(\$56,730)
11	Subtotal Capital Investment Component of Revenue Requirement	Sum of Lines 7 through 10	<u>\$3,902,625</u>		<u>\$2,649,052</u>
12	Less Property Tax Settlement Agreement dated 1/30/12	Col (a) = per Docket No. 4307 Settlement Agreement; Col (c) = Col (a) * Col (b)	(\$440,000)	* 10/12 =	(\$366,667)
13	True Up for Capital Repairs Deduction of FY2012 Revenue Requirement Reconciliation R.I.P.U.C. Docket No. 4218	Page 8 of 12, Line 3			(\$4,814)
14	True Up for Capital Repairs Deduction & Weighted Actual Cost of Capital of FY2013 Revenue Requirement Proposal R.I.P.U.C. Docket No. 4307	Page 8 of 12, Line 6			\$48,451
15	Total Capital Investment Component of Revenue Requirement	Sum of Lines 11 through 14	<u>\$3,462,625</u>		<u>\$2,326,023</u>
16	Total Fiscal Year Revenue Requirement	Line 5 + Line 15	<u><u>\$13,989,525</u></u>		<u><u>\$12,410,922</u></u>

Column (b) - represents the ten month (April 1, 2012 through January 31, 2013) prorated amount of the FY 2013 revenue requirement on vintage FY 2013 and FY 2012 ISR plant additions, which were rolled into the Company's base rates effective February 1, 2013.

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
FY 2013 Computation of Electric Capital Investment Incremental Revenue Requirement

Line No.		Fiscal Year 2013 (a)
1	<u>Capital Investment Allowance</u>	
2	Non-Discretionary Capital	
3	Lesser of Actual Cumulative Non-Discretionary Additions or Spending	Page 7 of 12, Line 11(b) less Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 2 of 6, Line 1(a) (\$5,184,396)
4		
5	Discretionary Capital	
6	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Page 7 of 12, Line 29(b) less Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 2 of 6, Line 1(a) (\$1,850,463)
7		
8	Total Allowed Capital Included in Rate Base	Line 3 + Line 6 (\$7,034,859)
9		
10	<u>Depreciable Net Capital Included in Rate Base</u>	
11	Total Allowed Capital Included in Rate Base in Current Year	Line 8 (\$7,034,859)
12	Retirements	Page 6 of 12, Line 9(b) 1/ \$5,838,935
13	Net Depreciable Capital Included in Rate Base	Line 11 - Line 12 (\$12,873,794)
14		
15	<u>Change in Net Capital Included in Rate Base</u>	
16	Incremental Depreciable Amount	Line 8 (\$7,034,859)
17		
18	Cost of Removal	
19	Cost of Removal - Non-Discretionary	Attachment JLG-1-Revised, Page 15 of 22, Table 9 \$980,591
20	Cost of Removal - Discretionary	Attachment JLG-1-Revised, Page 15 of 22, Table 9 (\$2,875,650)
21	Total Cost of Removal	Line 19 + Line 20 (\$1,895,059)
22		
23	Total Net Plant in Service	Line 16 + Line 21 (\$8,929,918)
24		
25	<u>Deferred Tax Calculation:</u>	
26	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4323 3.40%
27	Vintage Year Tax Depreciation:	
28	2013 Spend	Page 3 of 12, Line 27 (\$6,086,076)
29	Cumulative Tax Depreciation	Current Year Line 28 (\$6,086,076)
30		
31	Book Depreciation	Line 13 * Line 26 * 50% (\$218,854)
32	Cumulative Book Depreciation	Current Year Line 31 (\$218,854)
33		
34	Cumulative Book / Tax Timer	Line 29 - Line 32 (\$5,867,222)
35	Effective Tax Rate	35.00%
36	Deferred Tax Reserve	Line 34 * Line 35 (\$2,053,528)
37		
38	<u>Rate Base Calculation:</u>	
39	Cumulative Incremental Capital Included in Rate Base	Line 23 (\$8,929,918)
40	Accumulated Depreciation	-Line 32 \$218,854
41	Deferred Tax Reserve	-Line 36 \$2,053,528
42	Year End Rate Base	Sum of Lines 39 through 41 (\$6,657,536)
43		
44	<u>Revenue Requirement Calculation:</u>	
45	Average Rate Base	Current Year Line 42 ÷ 2 (\$3,328,768)
46	Pre-Tax ROR	2/ 9.84%
47	Return and Taxes	Line 45 * Line 46 (\$327,551)
48	Book Depreciation	Line 31 (\$218,854)
49	Property Taxes	\$0 in Year 1, then Prior Year (Line 13 + Line 21 + Line 32) * Property Tax Rate -
50		
51	Annual Revenue Requirement	Sum of Lines 47 through 49 (\$546,405)

1/ Actual Retirements

2/ Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Settlement)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	46.05%	5.30%	2.44%		2.44%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	48.78%	9.80%	4.78%	2.57%	7.35%
	100.00%		7.31%	2.57%	9.88%

2/ Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	49.95%	4.96%	2.48%		2.48%
Short Term Debt	0.76%	0.79%	0.01%		0.01%
Preferred Stock	0.15%	4.50%	0.01%		0.01%
Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
	100.00%		7.17%	2.51%	9.68%

	Tax-Effectuated Weighted Cost		Blended Tax-Effectuated Weighted Cost
R.I.P.U.C. Docket No. 4065	9.88%	Apr 12 - Jan 13	8.23%
R.I.P.U.C. Docket No. 4323	9.68%	Feb 13 - Mar 13	1.61%
			9.84%

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
Calculation of Tax Depreciation and Repairs Deduction on FY2013 Incremental Capital Investments

Line No.			Fiscal Year <u>2013</u> (a)
1	<u>Capital Repairs Deduction</u>		
2	Plant Additions	Page 2 of 12, Line 8	(\$7,034,859)
3	Capital Repairs Deduction Rate	Per Tax Department	<u>16.00%</u>
4	Capital Repairs Deduction	Line 2 * Line 3	(\$1,125,577)
5			
6	<u>Bonus Depreciation</u>		
7	Plant Additions	Line 2	(\$7,034,859)
8	Less Capital Repairs Deduction	Line 4	<u>(\$1,125,577)</u>
9	Plant Additions Net of Capital Repairs Deduction	Line 7 - Line 8	(\$5,909,282)
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	<u>100.00%</u>
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	(\$5,909,282)
12	Bonus Depreciation Rate (April 2012 - December 2012)	1 * 75% * 50%	37.50%
13	Bonus Depreciation Rate (January 2013 - March 2013)	1 * 25% * 50%	<u>12.50%</u>
14	Total Bonus Depreciation Rate	Line 12 + Line 13	50.00%
15	Bonus Depreciation	Line 11 * Line 14	(\$2,954,641)
16			
17	<u>Remaining Tax Depreciation</u>		
18	Plant Additions	Line 2	(\$7,034,859)
19	Less Capital Repairs Deduction	Line 4	(\$1,125,577)
20	Less Bonus Depreciation	Line 15	<u>(\$2,954,641)</u>
21	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 18 - Line 19 - Line 20	(\$2,954,641)
22	20 YR MACRS Tax Depreciation Rates		<u>3.750%</u>
23	Remaining Tax Depreciation	Line 21 * Line 22	(\$110,799)
24			
25	Cost of Removal	Page 2 of 12, Line 21	(\$1,895,059)
26			
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 4, 15, 23 and 25	<u><u>(\$6,086,076)</u></u>

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
FY 2012 Computation of Electric Capital Investment Incremental Revenue Requirement

Line No.			Fiscal Year 2012 (a)	Fiscal Year 2013 (b)
1	<u>Capital Investment Allowance</u>			
2	Non-Discretionary Capital			
3	Lesser of Actual Cumulative Non-Discretionary Additions or Spending	Page 9 of 12, Line 3 less Page 11 of 12, Line 1	(\$4,019,686)	\$0
4	Discretionary Capital			
5	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Page 9 of 12, Line 6 less Page 11 of 12, Line 2	\$4,163,942	\$0
6				
7				
8	Total Allowed Capital Included in Rate Base	Line 3 + Line 6	\$144,256	\$0
9				
10	<u>Depreciable Net Capital Included in Rate Base</u>			
11	Total Allowed Capital Included in Rate Base in Current Year	Line 8	\$144,256	\$0
12	Retirements	Page 9 of 12, Line 12 less Page 11 of 12, Line 5	\$19,938	\$0
13	Net Depreciable Capital Included in Rate Base	Column(a) = Line 11 - Line 12	124,317	124,317
14				
15	<u>Change in Net Capital Included in Rate Base</u>			
16	Incremental Depreciable Amount		\$144,256	\$144,256
17				
18	Cost of Removal			
19	Cost of Removal - Non-Discretionary	Page 9 of 12, Line 21 less Page 11 of 12, Line 10	2/ (\$957,517)	-
20	Cost of Removal - Discretionary	From Company Books	2/ \$186,385	-
21	Total Cost of Removal	Column(a) = Line 19 + Line 20	(\$771,131)	(\$771,131)
22				
23	Total Net Plant in Service	Line 16 + Line 21	(\$626,876)	(\$626,876)
24				
25	<u>Deferred Tax Calculation:</u>			
26	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4065	3.40%	3.40%
27	Vintage Year Tax Depreciation:			
28	2012 Spend	Page 5 of 12, Line 27	(\$654,966)	\$2,107
29	Cumulative Tax Depreciation	Prior Year Line 29 + Current Year Line 28	(\$654,966)	(\$652,859)
30				
31		Column(a) = Line 13 * Line 26 * 50%; Column (b) = Line 13 *		
32	Book Depreciation	Line 26	\$2,113	\$4,227
33	Cumulative Book Depreciation	Prior Year Line 32 + Current Year Line 31	\$2,113	\$6,340
34	Cumulative Book / Tax Timer	Line 29 - Line 32	(\$657,080)	(\$659,200)
35	Effective Tax Rate		35.00%	35.00%
36	Deferred Tax Reserve	Line 34 * Line 35	(\$229,978)	(\$230,720)
37				
38	<u>Rate Base Calculation:</u>			
39	Cumulative Incremental Capital Included in Rate Base	Line 23	-\$626,875.78	-\$626,875.78
40	Accumulated Depreciation	-Line 32	-\$2,113.40	-\$6,340.19
41	Deferred Tax Reserve	-Line 36	\$229,977.92	\$230,719.85
42	Year End Rate Base	Sum of Lines 39 through 41	(\$399,011)	(\$402,496)
43				
44	<u>Revenue Requirement Calculation:</u>			
45		Column (a) = Line 42 ÷ 2, Column (b) = (Prior Year Line 42 + Current Year Line 42) ÷ 2	(\$199,506)	(\$400,754)
46	Average Rate Base			
47	Pre-Tax ROR	3/ 9.30%		9.84%
48	Return and Taxes	Line 45 * Line 46	(\$18,554)	(\$39,434)
49	Book Depreciation	Line 31	\$2,113	\$4,227
50		\$0 in Year 1, then Prior Year (Line 13 + Line 21 + Line 32) *		
51	Property Taxes	Property Tax Rate	\$0	(\$21,523)
	Annual Revenue Requirement	Sum of Lines 47 through 49	(\$16,441)	(\$56,730)

1/ Actual Retirements

2/ Cost of Removal - Nondiscretionary and Discretionary was allocated as a percentage of Total Nondiscretionary and Discretionary Capital Spending.

3/ Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Order)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	52.08%	5.30%	2.76%		2.76%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	42.75%	9.80%	4.19%	2.26%	6.45%
	100.00%		7.04%	2.26%	9.30%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Settlement)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	46.05%	5.30%	2.44%		2.44%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	48.78%	9.80%	4.78%	2.57%	7.35%
	100.00%		7.31%	2.57%	9.88%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	49.95%	4.96%	2.48%		2.48%
Short Term Debt	0.76%	0.79%	0.01%		0.01%
Preferred Stock	0.15%	4.50%	0.01%		0.01%
Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
	100.00%		7.17%	2.51%	9.68%

	Tax-Effectuated Weighted Cost		Blended Tax-Effectuated Weighted Cost
R.I.P.U.C. Docket No. 4065	9.88%	Apr 12 - Jan 13	8.23%
R.I.P.U.C. Docket No. 4323	9.68%	Feb 13 - Mar 13	1.61%
			9.84%

**The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
Calculation of Tax Depreciation and Repairs Deduction on FY2012 Incremental Capital Investments**

Line No.			Fiscal Year <u>2012</u> (a)	Fiscal Year <u>2013</u> (b)
1	<u>Capital Repairs Deduction</u>			
2	Plant Additions	Page 4 of 12, Line 8	\$144,256	
3	Capital Repairs Deduction Rate	Per Tax Department	21.05%	1/
4	Capital Repairs Deduction	Line 2 * Line 3	30,366	
5				
6	<u>Bonus Depreciation</u>			
7	Plant Additions	Line 1	\$144,256	
8	Less Capital Repairs Deduction	Line 4	30,366	
9	Plant Additions Net of Capital Repairs Deduction	Line 7 - Line 8	113,890	
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	85.00%	2/
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	96,806	
12	Bonus Depreciation Rate (April 2011 - December 2011)	1 * 75% * 100%	75.00%	
13	Bonus Depreciation Rate (January 2012 - March 2012)	1 * 25% * 50%	12.50%	
14	Total Bonus Depreciation Rate	Line 12 + Line 13	87.50%	
15	Bonus Depreciation	Line 11 * Line 14	\$84,705	
16				
17	<u>Remaining Tax Depreciation</u>			
18	Plant Additions	Line 2	\$144,256	
19	Less Capital Repairs Deduction	Line 4	30,366	
20	Less Bonus Depreciation	Line 15	84,705	
21	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 18 - Line 19 - Line 20	29,185	29,185
22	20 YR MACRS Tax Depreciation Rates		3.750%	7.219%
23	Remaining Tax Depreciation	Line 21 * Line 22	\$1,094	\$2,107
24				
25	Cost of Removal	Page 4 of 12, Line 23	(\$771,131)	
26				
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 4, 15, 23 and 25	(\$654,966)	\$2,107

1/ Capital Repairs percentage is based on a three year average, 2010, 2011 and 2012 of electric property qualifying for the repairs deduction as a percentage of total annual plant additions.

2/ Since not all property additions qualify for bonus depreciation and because a project must be started after the beginning of the bonus period, January 1, 2008, an estimate of 85% is used rather than 100%.

**The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
FY 2012 - FY 2013 Incremental Capital Investment Summary**

Line No.			Actual Fiscal Year 2012 (a)	Actual Fiscal Year 2013 (b)
<u>Capital Investment</u>				
1	ISR - Eligible Capital Investment	Col (a) =FY 2012 ISR Reconciliation Filing Docket No. 4218, Att. WRR-1, Page 3 of 4, Line 20(b); Col (b) = Page 7 of 12, Line 31(b)	\$48,946,456	\$44,331,141
2	ISR - Eligible Capital Additions included in Rate Base per R.I.P.U.C. Docket No. 4323	Schedule MDL-3-ELEC Page 53, Docket No. 4323: Col (a)= Line Note 1(a); Col (b)= Line Note 2(b)	\$48,802,200	\$51,366,341
3	Incremental ISR Capital Investment	Line 1 - Line 2	\$144,256	(\$7,035,200)
<u>Cost of Removal</u>				
4	ISR - Eligible Cost of Removal	Col (a) =FY 2012 ISR Reconciliation Filing Docket No. 4218; Col (b)= Attachment JLG-1-Revised, Page 15 of 22, Table 9	\$5,807,869	5,179,941
5	ISR - Eligible Cost of Removal in Rate Base per R.I.P.U.C. Docket No. 4323	Workpaper MDL-19-ELEC Page 2, Docket No. 4323: Col (a)= Line Note 1(a); Col (b)= Line Note 2(b)	\$6,579,000	\$7,075,000
6	Incremental Cost of Removal	Line 4 - Line 5	(\$771,131)	(\$1,895,059)
<u>Retirements</u>				
7	ISR - Eligible Retirements/Actual	Col (a)= FY 2012 ISR Reconciliation Filing Docket No. 4218; Col (b) per Company Books	\$7,740,446	14,255,714
8	ISR - Eligible Retirements/Estimated	Col (a)= FY 2012 ISR Proposal Filing Docket No. 4218; Col (b)= FY 2013 ISR Proposal Filing Docket No. 4307, Schedule WRR-1, Page 2 of 6, Line 5(a)	\$7,720,508	\$8,416,779
9	Incremental Retirements	Line 7 - Line 8	\$19,938	\$5,838,935

**The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
FY 2013 Capital Investment**

Line No.			As Approved in	
			Docket No. 4307	Actuals
			(a)	(b)
	<u>Non-Discretionary Capital</u>			
1	FY 2012 Non-Discretionary Capital ADDITIONS	Docket No. 4218 FY12 Reconciliation Att. WRR-1, Page 3 of 4, Line 1	\$30,087,700	\$28,771,217
		Col (a) =Docket No. 4307 FY13 Plan Sch. WRR-1 Page 4 of 6, Line 2; Col (b) = Att. JLG-1-Revised, Page 15 of 22, Table 8		
2	FY 2013 Non-Discretionary Capital ADDITIONS		\$28,619,000	\$23,434,604
3	Cumulative Actual Non-Discretionary Capital Additions	Line 1 + Line 2	\$58,706,700	\$52,205,821
4				
5	FY 2012 Non-Discretionary Capital SPENDING	Docket No. 4218 FY12 Reconciliation Att. WRR-1, Page 3 of 4, Line 3	\$31,341,500	\$26,068,014
		Col (a) =Docket No. 4307 FY13 Plan Sch. WRR-1 Page 4 of 6, Line 5; Col (b) = Att. JLG-1-Revised, Page 2 of 22, Table 1		
6	FY 2013 Non-Discretionary Capital SPENDING		\$30,428,000	\$27,925,675
7	Cumulative Actual Non-Discretionary Capital Spending	Line 5 + Line 6	\$61,769,500	\$53,993,689
8				
9	Cumulative Allowed Non-Discretionary Capital Included in Rate Base	Lesser of Line 3 or Line 7	\$58,706,700	\$52,205,821
10	Prior Year Cumulative Allowed Non-Discretionary Capital Included in Rate Base	Docket No. 4218 FY12 Reconciliation Filing, Att. WRR-1 Page 3 of 4, Line 6	\$30,087,700	\$28,771,217
11	Total Allowed Non-Discretionary Capital Included in Rate Base Current Year	Line 9 - Line 10	\$28,619,000	\$23,434,604
12				
13				
14	<u>Discretionary Capital</u>			
15	FY 2012 Discretionary Capital ADDITIONS	Docket No. 4218 FY12 Reconciliation Filing, Att. WRR-1 Page 3 of 4, Line 10	\$18,714,500	\$22,878,442
		Col (a) =Docket No. 4307 FY13 Proposal Sch. WRR-1 Page 4 of 6, Line 11; Col (b) = Att. JLG-1-Revised, Page 15 of 22, Table 8		
16	FY 2013 Discretionary Capital ADDITIONS		\$22,747,000	\$20,896,537
17	Cumulative Actual Discretionary Capital Additions	Line 15 + Line 16	\$41,461,500	\$43,774,979
18				
19	FY 2012 Discretionary Capital SPENDING	Docket No. 4218 FY12 Reconciliation Filing, Att. WRR-1 Page 3 of 4, Line 12	\$0	\$24,424,047
		Col (b) = Att. JLG-1-Revised, Page 2 of 22, Table 1		
20	FY 2013 Discretionary Capital SPENDING			\$21,589,109
21	Cumulative Actual Discretionary Capital Spending	Line 19 + Line 20	\$0	\$46,013,156
22				
23	FY 2012 Approved Discretionary Capital SPENDING	Docket No. 4218 FY12 Reconciliation, Att. WRR-1 Page 3 of 4, Line 14	\$27,036,150	\$27,036,150
24	FY 2013 Approved Discretionary Capital SPENDING	Docket No. 4307 FY13 Proposal Sch. WRR-1, Page 4 of 6, Line 14	\$26,112,000	\$26,112,000
25	Cumulative Actual Approved Discretionary Capital Spending	Line 23 + Line 24	\$53,148,150	\$53,148,150
26				
27	Cumulative Allowed Discretionary Capital Included in Rate Base	Lesser of Line 17, Line 21, or Line 25	\$41,461,500	\$43,774,979
		Docket No. 4218 FY12 Reconciliation Filing Att. WRR-1, Page 3 of 4, Line 17		
28	Prior Year Cumulative Allowed Discretionary Capital Included in Rate Base		\$18,714,500	\$22,878,442
29	Total Allowed Discretionary Capital Included in Rate Base Current Year	Line 27 - Line 28	\$22,747,000	\$20,896,537
30				
31	Total Allowed Capital Included in Rate Base Current Year	Line 11 + Line 29	\$51,366,000	\$44,331,141

**The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
True up for Capital Repairs Deduction and Rate of Return on FY 2012 Capital Investment**

<u>Line No.</u>	<u>True Up FY 2012 Revenue Requirement on FY 2012 Capital Investment for Capital Repairs Deduction included in the FY 2012 Revenue Requirement Reconciliation R.I.P.U.C. Docket No. 4218</u>		<u>Full Year (a)</u>	<u>Proration (b)</u>	<u>ISR Year (c)</u>
1	Revenue Requirement using estimated capital repairs deduction rate of 18.60%	Docket No. 4218 FY12 Reconciliation, Attachment WRR-1, Page 1 of 4, Line 10(b)			\$686,518
2	Revenue Requirement using actual capital repairs deduction rate of 21.05%	Page 9 of 12, Line 53(a)			\$681,704
3	True Up Amount	Line 2 - Line 1			<u>(\$4,814)</u>
<u>True Up FY 2013 Revenue Requirement on FY 2012 Capital Investment for Capital Repairs Deduction & Weighted Actual Cost of Capital included in FY 2013 Revenue Requirement Proposal R.I.P.U.C. Docket No. 4307</u>					
4	Revenue Requirement using estimated capital repairs deduction rate of 18.60% & previously ordered Weighted Average Cost of Capital of 9.30%	Col (a) = Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 32 (b); Col (c) = Col (a) * Col (b)	\$2,775,419	* 10/12	\$2,312,849
5	Revenue Requirement using actual capital repairs deduction rate of 21.05% & subsequently settled & prorated Weighted Average Cost of Capital of 9.84%	Col (a) = Page 11 of 12, Line 32(b); Col (c) = Col (a) * Col (b)	\$2,833,560	* 10/12	\$2,361,300
6	True Up Amount	Line 5 - Line 4			<u>\$48,451</u>

Column (b) - represents the ten month (April 1, 2012 through January 31, 2013) prorated amount of the FY 2013 revenue requirement on vintage FY 2013 and FY 2012 ISR plant additions, which were rolled into the Company's base rates effective February 1, 2013.

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
FY 2012 Reconciliation of Electric Capital Investment Incremental Revenue Requirement with Updated Capital Repairs Deduction Rate

Line No.			Fiscal Year 2012 (a)	Fiscal Year 2013 (b)
1	<u>Capital Investment Allowance</u>			
2	<i>Non-Discretionary Capital</i>			
3	Lesser of Actual Cumulative Non-Discretionary Additions or Spending	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 2 of 4, Line 1	\$26,068,014	\$0
4	<i>Discretionary Capital</i>			
5	Lesser of Actual Cumulative Non-Discretionary Capital Additions or Spending, or Approved Spending	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 2 of 4, Line 6	\$22,878,442	\$0
6				
7	Total Allowed Capital Included in Rate Base	Line 3 + Line 6	\$48,946,456	\$0
8				
9				
10	<u>Depreciable Net Capital Included in Rate Base</u>			
11	Total Allowed Capital Included in Rate Base in Current Year	Line 8	\$48,946,456	\$0
12	Retirements	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 2 of 4, Line 12	\$7,740,446	\$0
13	Net Depreciable Capital Included in Rate Base	Column(a) = Line 11 - Line 12	\$41,206,009	\$41,206,009
14				
15	<u>Change in Net Capital Included in Rate Base</u>			
16	Capital Included in Rate Base	Line 8	\$48,946,456	\$0
17	Depreciation Expense	As approved per R.I.P.U.C. Docket No. 4065, excluding general plant	\$38,875,088	\$0
18	Incremental Depreciable Amount	Column(a) = Line 16 - Line 17	\$10,071,368	\$10,071,368
19				
20	Cost of Removal			
21	Cost of Removal - Non-Discretionary	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 2 of 4, Line 21	\$2,998,483	\$0
22	Cost of Removal - Discretionary	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 2 of 4, Line 22	\$2,809,385	\$0
23	Total Cost of Removal	Column(a) = Line 21 + Line 22	\$5,807,869	\$5,807,869
24				
25	Total Net Plant in Service	Line 18 + Line 23	\$15,879,236	\$15,879,236
26				
27	<u>Deferred Tax Calculation:</u>			
28	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4065	3.40%	3.40%
29	Vintage Year Tax Depreciation:			
30	2012 Spend	Page 10 of 12, Line 27	\$45,223,335	\$714,849
31	Cumulative Tax Depreciation	Prior Year Line 31 + Current Year Line 30	\$45,223,335	\$45,938,184
32				
33	Book Depreciation	Column(a) = Line 13 * Line 28 * 50%; Column(b) = Line 13 * Line 28	\$700,502	\$1,401,004
34	Cumulative Book Depreciation	Column (a) = Current Year Line 33; Column (b) = Prior Year Line 34 + Current Year Line 33	\$700,502	\$2,101,506
35				
36	Cumulative Book / Tax Timer	Line 31 - Line 34	\$44,522,832	\$43,836,677
37	Effective Tax Rate		35.00%	35.00%
38	Deferred Tax Reserve	Line 36 * Line 37	\$15,582,991	\$15,342,837
39				
40	<u>Rate Base Calculation:</u>			
41	Cumulative Incremental Capital Included in Rate Base	Line 25	\$15,879,236	\$15,879,236
42	Accumulated Depreciation	-Line 34	(\$700,502)	(\$2,101,506)
43	Deferred Tax Reserve	-Line 38	(\$15,582,991)	(\$15,342,837)
44	Year End Rate Base	Sum of Lines 41 through 43	(\$404,257)	(\$1,565,107)
45				
46	<u>Revenue Requirement Calculation:</u>			
47	Average Rate Base	Column (a)= Current Year Line 44 ÷ 2; Column (b)= (Prior Year Line 44 + Current Year Line 44) ÷ 2	(\$202,129)	(\$984,682)
48	Pre-Tax ROR		9.30%	9.84%
49	Return and Taxes	Line 47 * Line 48	(\$18,798)	(\$96,893)
50	Book Depreciation	Line 33	\$700,502	\$1,401,004
51	Property Taxes	\$0 in Year 1, then Prior Year (Line 13 + Line 23 + Line 34) * Property Tax Rate	\$0	\$1,536,082
52				
53	Annual Revenue Requirement	Sum of Lines 49 through 51	\$681,704	\$2,840,194

1/ Actual Retirements

2/ Cost of Removal - Nondiscretionary and Discretionary was allocated as a percentage of Total Nondiscretionary and Discretionary Capital Spending.

3/ Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Order)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	52.08%	5.30%	2.76%		2.76%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	42.75%	9.80%	4.19%	2.26%	6.45%
	100.00%		7.04%	2.26%	9.30%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Settlement)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	46.05%	5.30%	2.44%		2.44%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	48.78%	9.80%	4.78%	2.57%	7.35%
	100.00%		7.31%	2.57%	9.88%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	49.95%	4.96%	2.48%		2.48%
Short Term Debt	0.76%	0.79%	0.01%		0.01%
Preferred Stock	0.15%	4.50%	0.01%		0.01%
Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
	100.00%		7.17%	2.51%	9.68%

	Tax-Effect Weighted Cost	Blended Tax-Effect Weighted Cost
R.I.P.U.C. Docket No. 4065	9.88%	Apr 12 - Jan 13 8.23%
R.I.P.U.C. Docket No. 4323	9.68%	Feb 13 - Mar 13 1.61%
		9.84%

The Narragansett Electric Company
d/b/a National Grid

FY 2013 Electric ISR Revenue Requirement Reconciliation

Calculation of Tax Depreciation and Repairs Deduction on FY2012 Reconciliation of Incremental Capital Investments with Updated Capital Repairs Deduction Rate

Line No.		Fiscal Year <u>2012</u> (a)
1	<u>Capital Repairs Deduction</u>	
2	Plant Additions	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 4 of 4, Line 1 \$48,946,456
3	Capital Repairs Deduction Rate	Per Tax Department 21.05% 1/
4	Capital Repairs Deduction	Line 2 * Line 3 \$10,303,229
5		
6	<u>Bonus Depreciation</u>	
7	Plant Additions	Line 1 \$48,946,456
8	Less Capital Repairs Deduction	Line 4 \$10,303,229
9	Plant Additions Net of Capital Repairs Deduction	Line 7 - Line 8 \$38,643,227
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department 85.00% 2/
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10 \$32,846,743
12	Bonus Depreciation Rate (April 2011 - December 2011)	1 * 75% * 100% 75.00%
13	Bonus Depreciation Rate (January 2012 - March 2012)	1 * 25% * 50% 12.50%
14	Total Bonus Depreciation Rate	Line 12 + Line 13 87.50%
15	Bonus Depreciation	Line 11 * Line 14 \$28,740,900
16		
17	<u>Remaining Tax Depreciation</u>	
18	Plant Additions	Line 2 \$48,946,456
19	Less Capital Repairs Deduction	Line 4 \$10,303,229
20	Less Bonus Depreciation	Line 15 \$28,740,900
21	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 18 - Line 19 - Line 20 \$9,902,327
22	20 YR MACRS Tax Depreciation Rates	3.750%
23	Remaining Tax Depreciation	Line 21 * Line 22 \$371,337
24		
25	Cost of Removal	Docket No. 4218 FY12 Reconciliation Filing, Attachment WRR-1, Page 4 of 4, Line 25 \$5,807,869
26		
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 4, 15, 23 and 25 <u>\$45,223,335</u>

1/ Capital Repairs percentage is based on a three year average, 2010, 2011 and 2012 of electric property qualifying for the repairs deduction as a percentage of total annual plant additions.

2/ Since not all property additions qualify for bonus depreciation and because a project must be started after the beginning of the bonus period, January 1, 2008, an estimate of 85% is used rather than 100%.

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
Computation of Electric Capital Investment Revenue Requirement on FY 2012 Investment with Updated Capital Repairs Deduction Rate and Rate of Return

Line No.			Fiscal Year 2012 (a)	Fiscal Year 2013 (b)
<u>Capital Additions Allowance</u>				
<i>Non-Discretionary Capital</i>				
1	Actual Non-Discretionary Capital Additions	Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 1(a)	1/ \$30,087,700	\$0
<i>Discretionary Capital</i>				
2	Actual Discretionary Capital Additions	Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 2(a)	1/ \$18,714,500	\$0
3	Total Allowed Capital Included in Rate Base	Line 1 + Line 2	\$48,802,200	\$0
<u>Depreciable Net Capital Included in Rate Base</u>				
4	Total Allowed Capital Included in Rate Base in Current Year	Line 3	\$48,802,200	\$0
5	Retirements	Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 5(a)	2/ \$7,720,508	\$0
6	Net Depreciable Capital Included in Rate Base	Column (a) = Line 4 - Line 5; Column (b) = Prior Year Line 6	\$41,081,692	\$41,081,692
<u>Change in Net Capital Included in Rate Base</u>				
7	Capital Included in Rate Base	Line 4	\$48,802,200	\$0
8	Depreciation Expense	As approved per R.I.P.U.C. Docket No. 4065, excluding general plant	\$38,875,088	\$0
9	Incremental Depreciable Amount	Column (a) = Line 7 - Line 8; Column (b) = Prior Year Line 9	\$9,927,112	\$9,927,112
<u>Cost of Removal</u>				
10	Cost of Removal - Non-Discretionary	Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 10(a)	\$3,956,000	\$0
11	Cost of Removal - Discretionary	Docket No. 4307 FY13 Proposal, Schedule WRR-1, Page 3 of 6, Line 11(a)	\$2,623,000	\$0
12	Total Cost of Removal	Column (a) = Line 10 + Line 11; Columns (b) and (c) = Prior Year Line 12	\$6,579,000	\$6,579,000
13	Total Net Plant in Service	Line 9 + Line 12	\$16,506,112	\$16,506,112
<u>Deferred Tax Calculation:</u>				
14	Composite Book Depreciation Rate	As approved per R.I.P.U.C. Docket No. 4065	3.40%	3.40%
15	Vintage Year Tax Depreciation:			
16	2012 Spend	Page 12 of 12, Line 20	\$42,633,408	\$956,117
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$42,633,408	\$43,589,525
18	Book Depreciation	Column (a) = Line 6 * Line 14 * 50%; Column (b) = Line 6 * Line 14	\$698,389	\$1,396,778
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$698,389	\$2,095,166
20	Cumulative Book / Tax Timer	Line 17 - Line 18	\$41,935,019	\$41,494,359
21	Effective Tax Rate		35.00%	35.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$14,677,257	\$14,523,026
<u>Rate Base Calculation:</u>				
23	Cumulative Incremental Capital Included in Rate Base	Line 13	\$16,506,112	\$16,506,112
24	Accumulated Depreciation	- Line 19	(\$698,389)	(\$2,095,166)
25	Deferred Tax Reserve	- Line 22	(\$14,677,257)	(\$14,523,026)
26	Year End Rate Base	Sum of Lines 23 through 25	\$1,130,467	(\$112,080)
<u>Revenue Requirement Calculation:</u>				
27	Average Rate Base	Column (a) = Current Year Line 26 ÷ 2; Column (b) = (Prior Year Line 26 + Current Year Line 26) ÷ 2	\$565,233	\$509,193
28	Pre-Tax ROR		9.30%	9.84%
29	Return and Taxes	Line 27 * Line 28	\$52,567	\$50,105
30	Book Depreciation	Line 19	\$698,389	\$1,396,778
31	Property Taxes	\$0 in Year 1, then Prior Year (Line 6 + Line 12 - Line 19) * Property Tax Rate	\$0	\$1,386,678
32	Annual Revenue Requirement	Sum of Lines 29 through 31	\$750,955	\$2,833,560

- 1/ Reflects projected capital additions (plant-in-service); to be replaced with actual capital additions for annual reconciliation
2/ Assumes 15.82% based on 2009 retirements as a percent of capital additions; to be replaced with actual retirements for annual reconciliation
3/ Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Order)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	52.08%	5.30%	2.76%		2.76%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	42.75%	9.80%	4.19%	2.26%	6.45%
	100.00%		7.04%	2.26%	9.30%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4065 (Settlement)

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	46.05%	5.30%	2.44%		2.44%
Short Term Debt	4.98%	1.60%	0.08%		0.08%
Preferred Stock	0.19%	4.50%	0.01%		0.01%
Common Equity	48.78%	9.80%	4.78%	2.57%	7.35%
	100.00%		7.31%	2.57%	9.88%

Weighted Average Cost of Capital as approved in R.I.P.U.C. Docket No. 4323

	Ratio	Rate	Rate	Taxes	Return
Long Term Debt	49.95%	4.96%	2.48%		2.48%
Short Term Debt	0.76%	0.79%	0.01%		0.01%
Preferred Stock	0.15%	4.50%	0.01%		0.01%
Common Equity	49.14%	9.50%	4.67%	2.51%	7.18%
	100.00%		7.17%	2.51%	9.68%

	Tax-Effect Weighted Cost	Blended Tax-Effect Weighted Cost
R.I.P.U.C. Docket No. 4065	9.88%	Apr 12 - Jan 13 8.23%
R.I.P.U.C. Docket No. 4323	9.68%	Feb 13 - Mar 13 1.61%
		9.84%

(b)

The Narragansett Electric Company
d/b/a National Grid
FY 2013 Electric ISR Revenue Requirement Reconciliation
Calculation of Tax Depreciation and Repairs Deduction on FY2012 Capital Investments with Updated Capital Repairs Deduction Rate

		Fiscal Year <u>2012</u> (a)	Fiscal Year <u>2013</u> (b)	Fiscal Year <u>2014</u> (c)
<u>Capital Repairs Deduction</u>				
1	Plant Additions	Page 3 Line 3	\$48,802,200	
2	Capital Repairs Deduction Rate		21.05%	
3	Capital Repairs Deduction	Line 2 x Line 3	\$10,272,863	
<u>Bonus Depreciation</u>				
4	Plant Additions	Line 1	\$48,802,200	
5	Less Capital Repairs Deduction	Line 3	\$10,272,863	
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5	\$38,529,337	
7	Percent of Plant Eligible for Bonus Depreciation		75.00%	
8	Plant Eligible for Bonus Depreciation	Line 6 x Line 7	\$28,897,003	
9	Bonus Depreciation Rate (April 2011 - December 2011)	1 * 75% * 100%	75.00%	
10	Bonus Depreciation Rate (January 2012 - March 2012)	1 * 25% * 50%	12.50%	
11	Total Bonus Depreciation Rate	Line 9 + Line 10	87.50%	
12	Bonus Depreciation	Line 8 x Line 11	\$25,284,878	
<u>Remaining Tax Depreciation</u>				
13	Plant Additions	Line 1	\$48,802,200	
14	Less Capital Repairs Deduction	Line 3	\$10,272,863	
15	Less Bonus Depreciation	Line 12	\$25,284,878	
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	\$13,244,459	\$13,244,459
17	20 YR MACRS Tax Depreciation Rates		3.750%	7.219%
18	Remaining Tax Depreciation	Line 16 x Line 17	\$496,667	\$884,333
19	Cost of Removal		\$6,579,000	
20	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19	\$42,633,408	\$956,117
				\$884,333

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-1-Revised

FY2013 ISR Plan Annual Reconciliation Summary

The Narragansett Electric Company
d/b/a National Grid
R.I.P.U.C. Docket No. 4307
FY 2013 Electric Infrastructure, Safety,
and Reliability Plan Reconciliation Filing
Attachment NR-1-Revised
Page 1 of 1

FY 2013 ISR Plan Annual Reconciliation Summary

Line No.	<u>CapEx</u>	<u>O&M</u>	<u>Total</u>
	<u>(4/1/12-1/31/13)</u>		
	<u>(a)</u>	<u>(b)</u>	<u>(c)</u>
(1) Actual Revenue Requirement	\$2,326,023	\$10,084,899	\$12,410,922
(2) Revenue Billed	\$2,831,615	\$10,431,881	\$13,263,497
(3) Total Over Recovery	\$505,592	\$346,982	\$852,575

Line Descriptions:

- (1) column (a) per Attachment WRR-1, Page 1, Column (c), Line 15
column (b) per Attachment WRR-1-Revised, page 1, Column (c), Line 5
- (2) column (a) per Attachment NR-4, Page 2, column (h); column (b) per Attachment NR-5-Revised, Page 2, column (a)
- (3) Line (2) - Line (1)

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-2

**Current Summary of Retail Delivery Rates,
R.I.P.U.C. Tariff No. 2095**

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Retail Delivery Rates

Rate	Charge Description	Distribution Charge	Operating & Maintenance Expense Charge	O&M Reconciliation Factor	CapEx Charge Factor	CapEx Reconciliation Factor	RDM Adj Factor	Pension Adjustment Factor	Billing Distribution Charge	Net Metering Charge	Long-Term Contracting	Renewable Energy Distribution Charge	LIHEAP Enhancement Charge	Base Transmission Charge	Transmission Uncollectible Factor	Total Transmission Charge	Base Transition Charge	Transition Charge Adj	Total Transition Charge	Energy Efficiency Program Charge	Total Delivery Charges
A-16 <i>Basic Residential Rate</i> R.I.P.U.C. No. 2100	Customer Charge kW Charge <i>Effective Date</i>	\$5.00 \$0.3664 2/1/13	\$0.0190 4/1/13	\$0.0002 10/1/12	\$0.0000 4/1/13	\$0.0000 4/1/13	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$5.00 \$0.03812 2/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$5.83 \$0.6918 2/1/13
A-60 <i>Low Income Rate</i> R.I.P.U.C. No. 2101	Customer Charge kW Charge <i>Effective Date</i>	\$0.0217 2/1/13	\$0.0190 4/1/13	\$0.0002 10/1/12	\$0.0000 4/1/13	\$0.0000 4/1/13	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$0.0217 \$0.02465 2/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$0.83 \$0.6571 2/1/13
B-32 <i>Large Demand Back-up Service Rate</i> R.I.P.U.C. No. 2137	Customer Charge Backup Demand Charge - in excess of 200 kW kW Charge - in excess of 200 kW kW Charge (all kW) High Voltage Delivery Discount High Voltage Delivery Add'l Discount (115KV) Second Feeder Service Second Feeder Service - Add'l Transformer High Voltage Metering Discount <i>Effective Date</i>	\$825.00 \$0.19 \$3.70 \$0.0551 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.57 4/1/13	\$0.0002 10/1/12	\$0.0000 10/1/12	\$0.0000 10/1/12	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$825.00 \$0.19 \$3.70 \$0.0599 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$825.83 \$0.76 \$3.70 \$3.23 \$0.02511 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13
B-62 <i>Optional Large Demand Back-up Service Rate</i> R.I.P.U.C. No. 2138	Customer Charge Backup Demand Charge kW Charge (all kW) kW Charge High Voltage Delivery Discount High Voltage Delivery Add'l Discount (115KV) Second Feeder Service Second Feeder Service - Add'l Transformer High Voltage Metering Discount <i>Effective Date</i>	\$17,000.00 \$0.01 \$2.99 \$0.0000 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.32 4/1/13	\$0.0002 10/1/12	\$0.0000 10/1/12	\$0.0000 10/1/12	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$17,000.00 \$0.33 \$3.31 \$0.0042 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$17,000.83 \$0.33 \$3.31 \$3.23 \$0.01738 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13
C-66 <i>Small C&I Rate</i> R.I.P.U.C. No. 2104	Customer Charge Unmetered Charge kW Charge Additional Minimum Charge (per kVA in excess of 25 kVA) <i>Effective Date</i>	\$10.00 \$6.00 \$0.03253 \$1.85 2/1/13	\$0.0213 4/1/13	\$0.0002 10/1/12	\$0.0000 10/1/12	\$0.0000 10/1/12	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$10.00 \$6.00 \$0.03424 \$1.85 2/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02148 4/1/13	\$0.00027 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$10.83 \$6.83 \$0.0698 \$1.85 2/1/13
G-02 <i>General C&I Rate</i> R.I.P.U.C. No. 2139	Customer Charge kW > 10 Charge CHP Minimum Demand Charge (effective 1/1/13) kW Charge kW Charge High Voltage Delivery Discount High Voltage Metering Discount <i>Effective Date</i>	\$135.00 \$4.85 \$4.85 \$0.00468 (\$0.42) -1.0% 2/1/13	\$0.0146 4/1/13	\$0.0002 10/1/12	\$0.0000 10/1/12	\$0.0000 10/1/12	(\$0.0044) 7/1/13	\$0.0000 2/1/13	\$135.00 \$4.85 \$4.85 \$0.00569 (\$0.42) -1.0% 2/1/13	\$0.0005 4/1/13	(\$0.0003) 7/1/13	\$0.0002 1/1/13	\$0.83 1/1/13	\$0.02148 4/1/13	\$0.00027 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.0020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$135.83 \$4.85 \$4.85 \$2.89 \$0.02355 (\$0.42) -1.0% 2/1/13

Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.

Column Descriptions:

- A - C, per retail delivery tariffs R.I.P.U.C. Nos. 2100, 2101, 2104, 2108 through 2141
- D - G, per Infrastructure, Safety and Reliability Provision, R.I.P.U.C. No. 2118
- H, per Revenue Decoupling Mechanism Provision, R.I.P.U.C. No. 2073
- I, per Pension Adjustment Mechanism Provision, R.I.P.U.C. No. 2119
- J, Col C+ Col D+ Col E+ Col F + Col G + Col H + Col I
- K, per Net Metering Provision, R.I.P.U.C. No. 2099

L, per Long-Term Contracting for Renewable Energy Recovery Provision, R.I.P.U.C. No. 2125 & 2127

M, Col K+ Col L

N, per LIHEAP Enhancement Plan Provision, R.I.P.U.C. No. 2079

O - Q, per Transmission Cost Adjustment Provision, R.I.P.U.C. No. 2115

R, Col O+ Col P + Col Q

S, - T, per Non-Bypassable Transition Adjustment Provision, R.I.P.U.C. No. 1188

U, Col S+ Col T
V, per Energy Efficiency Program Provision, R.I.P.U.C. No. 2114, also includes \$0.00050 per kWh Renewable Energy Charge per R.I.G.L. §39-2-12
W, Col H+ Col M+ Col N+ Col R + Col U + Col V

(Replacing R.I.P.U.C. No. 2095 effective 04/01/13)
Effective: 07/01/2013
Issued: 07/10/2013

Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.

A - C. per retail delivery tariffs.
D - G. per Infrastructure, Safety and Reliability Provision, R.I.P.U.C. No. 2118
H - G. per Revenue Decoupling Mechanism Provision, R.I.P.U.C. No. 2073
I - per Pension Adjustment Mechanism Provision, R.I.P.U.C. No. 2119
J. Col C+ Col D+ Col E+ Col F + Col G + Col H + Col I
K. per Net Metering Provision, R.I.P.U.C. No. 2099

L. per Long-Term Contracting for Renewable Energy Recovery Provision, R.I.P.U.C. No. 2125 & 2127
M. Col K + Col L
N. per LHEAP Enhancement Plan Provision, R.I.P.U.C. No. 2079
Q. per Transmission Cost Adjustment Provision, R.I.P.U.C. No. 2115
R. Col Col P + Col Q
T. per Non-Bypassable Transition Adjustment Provision, R.I.P.U.C. No. 1188

Narragansett Electric Company
 d/b/a National Grid
 R.I.P.U.C. Docket No. 4307
 Attachment NR-2
 Page 3 of 3

Column Descriptions:	Effective: (Replacing R.I.P.U.C No. 2095 effective 04/01/13)	07/01/2013
	Issued:	07/10/2013
<i>Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.</i>		

A. - C. per retail delivery tariffs R.I.P.U.C. Nos. 2110 through 2112

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-3-Revised

Proposed Summary of Retail Delivery Rates,
R.I.P.U.C. Tariff No. 2095

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Retail Delivery Rates

Rate	Charge Description	Distribution Charge	Operating & Maintenance Exp Charge	O&M Reconciliation Factor	CapEx Factor	CapEx Reconciliation Factor	RDM Adj Factor	Pension Adjustment Factor	Billing Distribution Charge	Net Metering Charge	Long-Term Contracting	Renewable Energy Distribution Charge	LIHEAP Enhancement Charge	Base Transmission Charge	Transmission Uncollectible Factor	Total Transmission Charge	Base Transition Charge	Transition Charge Adj	Total Transition Charge	Energy Efficiency Program Charge	Total Delivery Charges
A-16 Basic Residential Rate R.I.P.U.C. No. 2100	Customer Charge kW Charge Effective Date	\$5.00 \$0.03664 2/1/13	\$0.0190 4/1/13	(\$0.00004) 10/1/13	(\$0.00009) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$5.00 \$0.03797 2/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.02036 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$5.83 \$0.06903 2/1/13
A-60 Low Income Rate R.I.P.U.C. No. 2101	Customer Charge kW Charge Effective Date	\$0.0217 \$0.02310 2/1/13	\$0.0190 4/1/13	(\$0.00004) 10/1/13	(\$0.00009) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$0.00 \$0.02450 2/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.02036 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$0.83 \$0.05556 2/1/13
B-32 Large Demand Back-up Service Rate R.I.P.U.C. No. 2137	Customer Charge Backup Demand Charge - in excess of 200 kW kW Charge (all kW) kW Charge High Voltage Delivery Discount High Voltage Delivery Add'l Discount (115KV) Second Feeder Service Second Feeder Service - Add'l Transformer High Voltage Metering Discount Effective Date	\$825.00 \$0.19 \$3.70 \$0.00551 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.57 \$0.19 \$0.00 \$0.0090 4/1/13	(\$0.00004) 10/1/13	(\$0.00003) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$825.00 \$0.19 \$3.70 \$0.0090 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.02036 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$825.83 \$0.76 \$3.70 \$3.23 (\$0.2502) (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13
B-62 Optional Large Demand Back-up Service Rate R.I.P.U.C. No. 2138	Customer Charge Backup Demand Charge kW Charge (all kW) kW Charge High Voltage Delivery Discount High Voltage Delivery Add'l Discount (115KV) Second Feeder Service Second Feeder Service - Add'l Transformer High Voltage Metering Discount Effective Date	\$17,000.00 \$0.01 \$2.99 \$0.00000 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.32 \$0.32 \$0.00 \$0.00000 4/1/13	(\$0.00004) 10/1/13	(\$0.00003) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$17,000.00 \$0.33 \$3.31 \$0.0051 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 4/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02139 4/1/13	\$0.00025 4/1/13	\$0.02036 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$17,000.83 \$0.33 \$3.31 \$3.23 \$0.01729 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13
C-66 Small C&I Rate R.I.P.U.C. No. 2104	Customer Charge Unmetered Charge kW Charge Additional Minimum Charge (per kVA in excess of 25 kVA) Effective Date	\$10.00 \$6.00 \$0.0253 \$1.85 2/1/13	\$0.0213 4/1/13	(\$0.00004) 10/1/13	(\$0.00007) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$10.00 \$6.00 \$0.03411 \$1.85 2/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02148 4/1/13	\$0.00027 4/1/13	\$0.02204 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$10.83 \$6.83 \$0.06685 \$1.85 2/1/13
G-02 General C&I Rate R.I.P.U.C. No. 2139	Customer Charge kW > 10 Charge CHP Minimum Demand Charge (effective 1/1/13) kW Charge kW Charge High Voltage Delivery Discount High Voltage Metering Discount Effective Date	\$135.00 \$4.85 \$4.85 \$0.00468 (\$0.42) -1.0% 2/1/13	\$0.0146 4/1/13	(\$0.00004) 10/1/13	(\$0.00005) 10/1/13	(\$0.00044) 10/1/13	(\$0.00044) 7/1/13	\$0.00000 2/1/13	\$135.00 \$4.85 \$4.85 \$0.00561 (\$0.42) -1.0% 2/1/13	\$0.00005 4/1/13	(\$0.00003) 7/1/13	\$0.00002 1/1/13	\$0.83 1/1/13	\$0.02148 4/1/13	\$0.00027 4/1/13	\$0.02204 4/1/13	\$0.00142 4/1/13	\$0.00020 4/1/13	\$0.00162 4/1/13	\$0.00906 2/1/13	\$135.83 \$4.85 \$4.85 \$2.89 \$0.02347 (\$0.42) -1.0% 2/1/13

Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.

Column Descriptions:

- A - C: per retail delivery tariffs R.I.P.U.C. Nos. 2100, 2101, 2104, 2108 through 2141
- D - G: per Infrastructure, Safety and Reliability Provision, R.I.P.U.C. No. 2118
- H: per Revenue Decoupling Mechanism Provision, R.I.P.U.C. No. 2073
- I: per Pension Adjustment Mechanism Provision, R.I.P.U.C. No. 2119
- J: Col C+ Col D+ Col E+ Col F + Col G + Col H + Col I
- K: per Net Metering Provision, R.I.P.U.C. No. 2099

L: per Long-Term Contracting for Renewable Energy Recovery Provision, R.I.P.U.C. No. 2125 & 2127

M: Col K+ Col L

N: per LIHEAP Enhancement Plan Provision, R.I.P.U.C. No. 2079

O - Q: per Transmission Cost Adjustment Provision, R.I.P.U.C. No. 2115

R: Col O+ Col P + Col Q

S - T: per Non-Bypassable Transition Adjustment Provision, R.I.P.U.C. No. 1188

U: Col S+ Col T

V: per Energy Efficiency Program Provision, R.I.P.U.C. No. 2114, also includes \$0.00030 per kWh Renewable Energy Charge per R.I.G.L. §39-2-12

W: Col H+ Col M+ Col N+ Col R + Col U + Col V

Effective: 10/01/2013
(Replacing R.I.P.U.C. No. 2095 effective 04/01/13)
Issued: 09/09/2013

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Retail Delivery Rates

Rate	Charge Description	Distribution Charge	Operating & Maintenance Exp Charge	O&M Reconciliation Factor	CapEx Factor Charge	CapEx Reconciliation Factor	RDM Adj Factor	Pension Adjustment Factor	Billing Distribution Charge	Net Metering Charge	Long-Term Contracting	Renewable Energy Distribution Charge	LIHEAP Enhancement Charge	Base Transmission Charge	Transmission Adjustment	Uncollectible Factor	Total Transmission Charge	Base Transition Charge	Transition Charge Adj	Total Transition Charge	Energy Efficiency Program Charge	Total Delivery Charges
G-32 A Large Demand Rate R.I.P.U.C. No. 2140	Customer Charge KW Charge - in excess of 200 kW CHP Minimum Demand Charge (effective 1/1/13) KW Charge KWh Charge High Voltage Delivery Discount High Voltage Delivery Addtl Discount (115KV) Second Feeder Service Second Feeder Service - Addtl Transformer High Voltage Metering Discount Effective Date	\$825.00 \$3.70 \$3.70 \$0.00551 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13	\$0.0090 \$0.00004 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 -1.0%	(S0.00004) (S0.00003) (S0.00000) (\$0.00044) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00 \$0.00 \$0.00 (\$0.00003) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	(S0.00044) (S0.00003) (S0.00000) (\$0.00044) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	\$825.00 \$3.31 \$3.70 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005	(\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003)	\$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002	\$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83	\$0.00142 \$0.00020 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096	\$825.83 \$3.70 \$3.70 \$3.23 \$0.02502 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0%					
G-62 Optional Large Demand Rate R.I.P.U.C. No. 2141	Customer Charge KW Charge CHP Minimum Demand Charge (effective 1/1/13) KW Charge KWh Charge High Voltage Delivery Discount High Voltage Delivery Addtl Discount (115KV) Second Feeder Service Second Feeder Service - Addtl Transformer High Voltage Metering Discount Effective Date	\$17,000.00 \$2.99 \$2.99 \$0.00000 \$0.00000 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0% 2/1/13	\$0.32 \$0.32 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	(S0.00044) (S0.00003) (S0.00000) (\$0.00044) (\$0.00000) (\$0.00044) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00 \$0.00 \$0.00 (\$0.00003) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	(S0.00044) (S0.00003) (S0.00000) (\$0.00044) (\$0.00000) (\$0.00044) (\$0.00000) (\$0.00000) (\$0.00000) (\$0.00000)	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	\$17,000.00 \$3.31 \$3.31 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005	(\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003) (\$0.00003)	\$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002	\$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83	\$0.00142 \$0.00020 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162 \$0.00162	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096	\$17,000.83 \$3.31 \$3.31 \$3.23 \$0.01729 (\$0.42) (\$2.75) \$2.75 \$0.42 -1.0%					
X-01 Electric Population Rate R.I.P.U.C. No. 2108	Customer Charge KW Charge KWh Charge Effective Date	\$16,500.00 \$0.00 \$0.01600 2/1/13	\$0.146 \$0.00000 \$0.00000 4/1/13	(S0.00004) (S0.00000) (S0.00000) 10/1/13	(S0.00009) (S0.00000) (S0.00000) 4/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) (S0.00000) (S0.00000) 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$16,500.00 \$0.00 \$0.01689 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(\$0.00003) (S0.00003) (S0.00003) 7/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 2/1/13	\$16,500.83 \$3.23 \$0.03469 2/1/13					
M-1 Station Power Delivery & Reliability Service Rate R.I.P.U.C. No. 2109	Option A: fixed charges variable charges transition and conservation charges billed on higher of fixed charges or kWhs (times variable charges) Option B: fixed charge kWh charge Effective Date	\$3,959.09 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 4/1/13	\$0.00004 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 10/1/13	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 4/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 4/1/13	\$0.00004 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 2/1/13	\$3,959.09 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 \$0.00005 4/1/13	(\$0.00003) (S0.00009) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 10/1/13	\$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$3,959.92 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-06 Decorative Street and Area Lighting Service R.I.P.U.C. No. 2110	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-10 Limited Service - Private Lighting R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2112	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.1338 \$0.00000 \$0.00000 4/1/13	(S0.00004) \$0.00000 \$0.00000 10/1/13	(S0.00009) \$0.00000 \$0.00000 10/1/13	\$0.00 \$0.00 \$0.00 4/1/13	(S0.00044) \$0.00000 \$0.00000 7/1/13	\$0.00000 \$0.00000 \$0.00000 2/1/13	\$0.00 \$0.00 \$0.00 2/1/13	\$0.00005 \$0.00005 \$0.00005 4/1/13	(S0.00003) (S0.00004) (S0.00000) 10/1/13	\$0.00002 \$0.00002 \$0.00002 1/1/13	\$0.83 \$0.83 \$0.83 1/1/13	\$0.00142 \$0.00020 \$0.00162 4/1/13	\$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 \$0.00020 4/1/13	\$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 \$0.00096 2/1/13	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 2/1/13					
S-14 General Street and Area Lighting Service R.I.P.U.C. No. 2111	Customer Charge KW Charge KWh Charge Effective Date	\$																				

Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.

Column Descriptions:

- A. - C. per retail delivery tariffs
- D. - G. per Infrastructure, Safety and Reliability Provision, R.I.P.U.C. No. 2118
- H. per Revenue Decoupling Mechanism Provision, R.I.P.U.C. No. 2073
- I. per Pension Adjustment Mechanism Provision, R.I.P.U.C. No. 2119
- J. Col C+ Col D+ Col E+ Col F + Col G + Col H + Col I
- K. per Net Metering Provision, R.I.P.U.C. No. 2099

- L. per Long-Term Contracting for Renewable Energy Recovery Provision, R.I.P.U.C. No. 2125 & 2127
- M. Col K+ Col L
- N. per LIHEAP Enhancement Plan Provision, R.I.P.U.C. No. 2079
- O. - Q. per Transmission Cost Adjustment Provision, R.I.P.U.C. No. 2115
- R. Col O+ Col P + Col Q
- S. - T. per Non-Bypassable Transition Adjustment Provision, R.I.P.U.C. No. 1188

- U. Col S+ Col T
- V. per Energy Efficiency Program Provision, R.I.P.U.C. No. 2114, also includes \$0.00030 per kWh Renewable Energy Charge per R.I.G.L. §39-2-1.2
- W. Col J+ Col M+ Col N+ Col R + Col U + Col V

Effective: 10/01/2013
Issued: 09/09/2013
(Replacing R.I.P.U.C. No. 2095 effective 04/01/13)

THE NARRAGANSETT ELECTRIC COMPANY
Summary of Retail Delivery Rates

X:\2013 rec\888 FY 2013 Reconciliation (01070)Using Schedule\used Schedule\2013-10-01 Summary of Rates Prepared Rec and Delivery Detail (Streetlights)

Rate	A	Charge Description B	Distribution Charge C			
		<u>Fixture Charges</u>	<u>Full Service S-06</u>	<u>Full Service S-10</u>	<u>Full Service S-14</u>	<u>Temp-off S-14</u>
Rate S-06 <i>Decorative Street and Area Lighting Service</i> R.I.P.U.C. No. 2110		<u>Incandescent</u> Roadway LUM INC RWY 105W LUM INC RWY 205W (S-14 Only)	n/a	\$77.43	\$77.43	\$46.46
		<u>Mercury Vapor</u> Roadway LUM MV RWY 100W	n/a	n/a	\$77.43	\$46.46
Rate S-10 <i>Limited Service - Private Lighting</i> R.I.P.U.C. No. 2111		LUM MV RWY 175W	n/a	\$78.06	\$78.06	\$46.84
		LUM MV RWY 250W (S-14 Only)	n/a	n/a	\$120.39	\$72.23
		LUM MV RWY 400W	n/a	\$163.46	\$163.46	\$98.08
		LUM MV RWY 1000W	n/a	\$163.46	\$163.46	\$98.08
Rate S-14 <i>General Street and Area Lighting Service</i> R.I.P.U.C. No. 2112		Post-top LUM MV POST 175W (S-14 Only)	n/a	n/a	\$156.80	\$94.08
		Flood LUM MV FLD 400W	n/a	\$181.37	\$181.37	\$108.82
		LUM MV FLD 1000W	n/a	\$181.37	\$181.37	\$108.82
		<u>Sodium Vapor</u> Roadway LUM HPS RWY 50W	n/a	\$77.43	\$77.43	\$46.46
		LUM HPS RWY 70W	n/a	\$76.91	\$76.91	\$46.15
		LUM HPS RWY 100W	n/a	\$78.06	\$78.06	\$46.84
		LUM HPS RWY 150W	n/a	\$78.58	\$78.58	\$47.15
		LUM HPS RWY 250W	n/a	\$120.39	\$120.39	\$72.23
		LUM HPS RWY 400W	n/a	\$163.46	\$163.46	\$98.08
		Flood LUM HPS FLD 250W	n/a	\$146.11	\$146.11	\$87.67
		LUM HPS FLD 400W	n/a	\$181.37	\$181.37	\$108.82
		Post-top LUM HPS POST 50W	n/a	\$155.49	\$155.49	\$93.29
		LUM HPS POST 100W	n/a	\$156.80	\$156.80	\$94.08
		WALL HPS 250W 24HR	n/a	\$172.21	\$172.21	\$103.33
		SHOEBBOX - LUM HPS REC 100W-C1	n/a	\$98.99	n/a	n/a
		<u>Metal Halide</u> Flood LUM MH FLD 400W	n/a	\$181.37	\$181.37	\$108.82
		LUM MH FLD 1000W	n/a	\$181.37	\$181.37	\$108.82
		<u>Decorative</u> DEC HPS TR 50W	\$155.49	n/a	n/a	n/a
		DEC HPS TR 100W	\$156.80	n/a	n/a	n/a
		DEC HPS AG 50W	\$292.34	n/a	n/a	n/a
		DEC HPS AG 100W	\$280.77	n/a	n/a	n/a
		DEC HPS WL 50W	\$325.35	n/a	n/a	n/a
		DEC HPS WL 100W	\$325.30	n/a	n/a	n/a
		DEC HPS TR-TW 50W	\$506.29	n/a	n/a	n/a
		DEC HPS TR-TW 100W	\$509.46	n/a	n/a	n/a
		DEC HPS AG-TW 50W	\$693.84	n/a	n/a	n/a
		DEC HPS AG-TW 100W	\$670.71	n/a	n/a	n/a
		DEC HPS WL-TW 50W	\$759.87	n/a	n/a	n/a
		DEC HPS WL-TW 100W	\$759.77	n/a	n/a	n/a
		<u>Standards</u>				
		POLE-WOOD	n/a	\$133.71	\$133.71	\$133.71
		POLE FIBER PT EMB <2.5' w/out foundation	n/a	\$260.22	\$260.22	\$260.22
		POLE FIBER RWY <2.5' w/ foundation	n/a	\$424.14	\$424.14	\$424.14
		POLE FIBER RWY ≈ 25' w/ foundation	n/a	\$473.53	\$473.53	\$473.53
		POLE METAL EMBEDDED (S-14 Only)	n/a	n/a	\$405.16	\$405.16
		POLE METAL ≈ 25FT (with foundation)	n/a	\$484.72	\$484.72	\$484.72
		DEC VILL PT/FDN	\$566.70	n/a	n/a	n/a
		DEC WASH PT/FDN	\$575.78	n/a	n/a	n/a
		<u>Effective Date</u>	2/1/13	2/1/13	2/1/13	2/1/13

Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.

Column Descriptions:

Effective:
10/01/2013
(Replacing R.I.P.U.C. No. 2095 effective 04/01/13)
Issued:
09/09/2013

A. - C. per retail delivery tariffs R.I.P.U.C. Nos. 2110 through 2112

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-4

CapEx Reconciliations and Proposed CapEx Reconciling Factors

Proposed CapEx Reconciling Factors
For Fiscal Year 2013 ISR Plan
For the Recovery (Refund) Period October 1, 2013 through September 30, 2014

Line No.	<u>Total</u> (a)	<u>Residential</u> <u>A-16 / A-60</u> (b)	<u>Small C&I</u> <u>C-06</u> (c)	<u>General C&I</u> <u>G-02</u> (d)	<u>200 kW Demand</u> <u>B-32 / G-32</u> (e)	<u>3000 kW Demand</u> <u>B-62 / G-62</u> (f)	<u>Lighting</u> <u>S-10 / S-14</u> (g)	<u>Propulsion</u> <u>X-01</u> (h)
(1) Actual FY2013 Capital Investment Revenue Requirement	\$2,326,023							
(2) Total Rate Base (\$000s)	\$550,864	\$278,750	\$50,517	\$90,429	\$76,427	\$22,285	\$29,950	\$2,505
(3) Rate Base as Percentage of Total	100.00%	50.60%	9.17%	16.42%	13.87%	4.05%	5.44%	0.45%
(4) Allocated Actual FY2013 Capital Investment Revenue Requirement	\$2,326,023	\$1,177,023	\$213,309	\$381,837	\$322,714	\$94,099	\$126,464	\$10,578
(5) CapEx Revenue Billed	\$2,831,615	\$1,478,706	\$252,901	\$451,950	\$385,374	\$117,036	\$132,796	\$12,852
(6) Over Recovery	\$505,592	\$301,683	\$39,592	\$70,113	\$62,660	\$22,937	\$6,332	\$2,275
(7) Forecasted kWhs - October 1, 2013 through September 30, 2014	7,591,810,844	3,026,321,326	549,812,783	1,260,793,248	2,013,915,611	651,113,479	66,737,142	23,117,255
(8) Proposed Class-specific CapEx Reconciling Factor(Credit) per kWh		(\$0.00009)	(\$0.00007)	(\$0.00005)	(\$0.00003)	(\$0.00003)	(\$0.00009)	(\$0.00009)

Line No.

- (1) per Attachment WRR-1, Page 1, Column (c), Line 15
- (2) per R.I.P.U.C. 4065 Schedule NG-HSG-1 (C) - 2nd Amended, page 4, line 51
- (3) Line (2) ÷ Line (2) Total Column
- (4) Line 1 Total Column x Line 3
- (5) per Page 2
- (6) Line (5) - Line (4)
- (7) per Company forecasts
- (8) -1 x [Line (6) ÷ Line (7)], truncated to 5 decimal places

Fiscal Year 2013 CapEx Factor Revenue
For the Period April 1, 2012 through March 31, 2013
For the Recovery/Refund Period October 1, 2013 through September 30, 2014

CapEx Factor Revenue:

	<u>Month</u>	A16/A60 CapEx <u>Revenue</u> (a)	C06 CapEx <u>Revenue</u> (b)	Streetlights CapEx <u>Revenue</u> (c)	X01 CapEx <u>Revenue</u> (d)
(1)	Apr-12	\$28,067	\$4,775	\$2,390	\$97
	May-12	\$109,535	\$21,576	\$11,387	\$1,268
	Jun-12	\$128,417	\$24,177	\$10,111	\$1,297
	Jul-12	\$176,474	\$27,901	\$11,539	\$1,197
	Aug-12	\$205,319	\$31,481	\$11,644	\$1,397
	Sep-12	\$175,367	\$29,126	\$13,831	\$1,309
	Oct-12	\$121,518	\$22,423	\$14,592	\$1,236
	Nov-12	\$118,901	\$21,659	\$16,083	\$1,307
	Dec-12	\$146,858	\$25,050	\$17,493	\$1,108
	Jan-13	\$164,806	\$27,110	\$19,660	\$1,303
	Feb-13	\$101,688	\$17,713	\$4,003	\$1,255
	Mar-13	\$1,783	(\$88)	(\$4)	\$78
(2)	Apr-13	(\$25)	(\$4)	\$67	(\$0)
	Total	\$1,478,706	\$252,901	\$132,796	\$12,852

	<u>Month</u>	G02 CapEx <u>Revenue</u> (e)	B32/G32 CapEx <u>Revenue</u> (f)	B62/G62 CapEx <u>Revenue</u> (g)	Total CapEx <u>Revenue</u> (h)
(1)	Apr-12	\$9,568	\$8,201	\$1,660	\$54,759
	May-12	\$42,166	\$37,124	\$10,874	\$233,930
	Jun-12	\$47,216	\$40,332	\$11,701	\$263,252
	Jul-12	\$50,401	\$42,548	\$12,299	\$322,359
	Aug-12	\$49,251	\$42,895	\$12,423	\$354,411
	Sep-12	\$49,346	\$43,089	\$13,483	\$325,550
	Oct-12	\$44,612	\$37,811	\$12,009	\$254,201
	Nov-12	\$44,992	\$36,884	\$11,246	\$251,071
	Dec-12	\$39,902	\$33,860	\$10,785	\$275,056
	Jan-13	\$41,860	\$35,430	\$10,376	\$300,544
	Feb-13	\$31,770	\$25,700	\$9,932	\$192,060
	Mar-13	\$818	\$1,501	\$248	\$4,337
(2)	Apr-13	\$47	\$0	\$0	\$85
	Total	\$451,950	\$385,374	\$117,036	\$2,831,615

Column Descriptions:

(a) - (g) from monthly revenue reports

(h) sum of columns (a) through (g)

(1) Reflects kWhs consumed after April 1st

42.09%

(2) Reflects kWhs consumed prior to April 1st

58.00%

Fiscal Year 2012 CapEx Reconciliation of Over Recovery
For the Period April 1, 2011 through March 31, 2012
For the Recovery Period October 1, 2012 through September 30, 2013

Status Update as of June 2013

Line No.	Total		Residential A-16 / A-60		Small C&I C-06		General C&I G-02		200 kW Demand B-32 / G-32	
	(a)		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1)	Beginning Over(Under) Recovery	\$65,588		\$10,137		\$2,346		\$41,706		\$11,264
(2)	CapEx Reconciling Factors			\$0.00000		\$0.00000		(\$0.00003)		\$0.00000
(3)			A16/A60		C06		G-02		B-32 / G-32	
			A16/A60 kWhs	CapEx Reconciling Factor Revenue	C06 kWhs	CapEx Reconciling Factor Revenue	G-02 kWhs	CapEx Reconciling Factor Revenue	B-32 / G-32 kWhs	CapEx Reconciling Factor Revenue
	Oct-12	(\$1,299)	90,409,530	\$0	17,630,262	\$0	41,994,021	(\$1,260)	66,314,539	\$0
	Nov-12	(\$3,068)	212,308,534	\$0	40,957,859	\$0	98,820,356	(\$2,965)	157,798,682	\$0
	Dec-12	(\$3,100)	262,483,084	\$0	47,298,764	\$0	99,435,080	(\$2,983)	160,192,871	\$0
	Jan-13	(\$3,238)	294,661,412	\$0	51,048,120	\$0	103,578,144	(\$3,107)	165,210,789	\$0
	Feb-13	(\$3,515)	275,974,425	\$0	51,199,306	\$0	113,723,829	(\$3,412)	176,799,557	\$0
	Mar-13	(\$3,110)	251,101,587	\$0	48,155,908	\$0	100,736,603	(\$3,022)	161,195,965	\$0
	Apr-13	(\$3,111)	238,458,753	\$0	48,236,868	\$0	100,694,568	(\$3,021)	161,047,030	\$0
	May-13	(\$3,091)	211,292,853	\$0	46,167,078	\$0	100,833,213	(\$3,025)	166,668,566	\$0
	Jun-13	(\$3,271)	230,238,986	\$0	48,537,075	\$0	106,954,703	(\$3,209)	167,696,752	\$0
	Jul-13	\$0	-	\$0	-	\$0	-	\$0	-	\$0
	Aug-13	\$0	-	\$0	-	\$0	-	\$0	-	\$0
	Sep-13	\$0	-	\$0	-	\$0	-	\$0	-	\$0
(4)	Total	(\$26,803)	2,066,929,164	\$0	399,231,240	\$0	866,770,517	(\$26,003)	1,382,924,751	\$0
(5)	Ending Over(Under) Recovery	\$38,785		\$10,137		\$2,346		\$15,703		\$11,264
(1)	Beginning Over(Under) Recovery		3000 kW Demand B-62 / G-62		Lighting S-10 / S-14		Propulsion X-01			
			(j)	(k)	(l)	(m)	(n)	(o)		
(1)	Beginning Over(Under) Recovery			(\$1,482)		\$2,011		(\$394)		
(2)	CapEx Reconciling Factors			\$0.00000		(\$0.00002)		\$0.00001		
(3)			B-62 / G-62		S-10 / S-14		X-01			
			B-62 / G-62 kWhs	CapEx Reconciling Factor Revenue	S-10 / S-14 kWhs	CapEx Reconciling Factor Revenue	X-01 kWhs	CapEx Reconciling Factor Revenue		
	Oct-12		18,989,254	\$0	2,326,033	(\$47)	773,078	\$8		
	Nov-12		44,951,030	\$0	6,138,253	(\$123)	1,953,798	\$20		
	Dec-12		42,917,554	\$0	6,675,827	(\$134)	1,654,207	\$17		
	Jan-13		41,237,325	\$0	7,504,431	(\$150)	1,945,270	\$19		
	Feb-13		49,632,967	\$0	6,116,885	(\$122)	1,872,605	\$19		
	Mar-13		41,724,269	\$0	5,232,817	(\$105)	1,692,846	\$17		
	Apr-13		44,101,963	\$0	5,440,613	(\$109)	1,852,188	\$19		
	May-13		43,842,178	\$0	4,295,980	(\$86)	2,017,577	\$20		
	Jun-13		42,921,026	\$0	4,069,439	(\$81)	1,885,083	\$19		
	Jul-13		-	\$0	-	\$0	-	\$0		
	Aug-13		-	\$0	-	\$0	-	\$0		
	Sep-13		-	\$0	-	\$0	-	\$0		
(4)	Total		370,317,566	\$0	47,800,278	(\$956)	15,646,652	\$156		
(5)	Ending Over(Under) Recovery			(\$1,482)		\$1,055		(\$237)		

Column Descriptions:

- | | | | |
|-----|--|-----|---------------------------------------|
| (a) | Column (c) + (e) + (g) + (i) + (k) + (m) + (o) | (i) | Column (h) x CapEx Reconciling Factor |
| (b) | from Company revenue report | (j) | from Company revenue report |
| (c) | Column (b) x CapEx Reconciling Factor | (k) | Column (j) x CapEx Reconciling Factor |
| (d) | from Company revenue report | (l) | from Company revenue report |
| (e) | Column (d) x CapEx Reconciling Factor | (m) | Column (l) x CapEx Reconciling Factor |
| (f) | from Company revenue report | (n) | from Company revenue report |
| (g) | Column (f) x CapEx Reconciling Factor | (o) | Column (n) x CapEx Reconciling Factor |
| (h) | from Company revenue report | | |

Line Descriptions:

- | | | | | | |
|-----|---|-----|---|-----|---------------------|
| (1) | per R.I.P.U.C. Docket No. 4218, Attachment NR-4, page 2, line (6) | (4) | sum of kWhs & revenue | (5) | Line (1) + Line (4) |
| (2) | per R.I.P.U.C. Docket No. 4218, Attachment NR-4, page 2, line (8) | (3) | prorated for usage on and after October 1st | | |

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-5-Revised

O&M Reconciliations and Proposed O&M Reconciling Factor

The Narragansett Electric Company
d/b/a National Grid
R.I.P.U.C. Docket No. 4307
FY 2013 Electric Infrastructure, Safety,
and Reliability Plan Reconciliation Filing
Attachment NR-5-Revised
Page 1 of 3

Fiscal Year 2013 Operation & Maintenance Reconciliation and Proposed Factor
Reconciliation of O&M Revenue and Actual O&M Revenue Requirement
For the Period April 1, 2012 through March 31, 2013
For the Recovery Period October 1, 2013 through September 30, 2014

(1)	O&M Revenue Billed	\$10,431,881
(2)	Actual O&M Revenue Requirement	<u>\$10,084,899</u>
(3)	Over Recovery	\$346,982
(4)	October 1, 2013 through September 30, 2014 Forecasted kWh Sales	<u>7,591,810,844</u>
(5)	Proposed O&M Reconciling Factor Credit per kWh	(\$0.00004)

Line Descriptions:

- (1) per Page 2, column (a)
- (2) per Attachment WRR-1-Revised, page 1, Column (c), Line 5
- (3) Line (1) - Line (2)
- (4) per Company forecast
- (5) Line (3) ÷ Line (4), truncated to 5 decimal places

The Narragansett Electric Company
d/b/a National Grid
R.I.P.U.C. Docket No. 4307
FY 2013 Electric Infrastructure, Safety,
and Reliability Plan Reconciliation Filing
Attachment NR-5-Revised
Page 2 of 3

Fiscal Year 2013 Operations & Maintenance Reconciliation
For the Period April 1, 2012 through March 31, 2013
For the Recovery/Refund Period October 1, 2013 through September 30, 2014

O&M Factor Revenue:

	<u>Month</u>	<u>Total Revenue</u> (a)
(1)	Apr-12	\$309,017
	May-12	\$712,185
	Jun-12	\$797,604
	Jul-12	\$972,710
	Aug-12	\$1,090,257
	Sep-12	\$1,002,059
	Oct-12	\$766,369
	Nov-12	\$756,985
	Dec-12	\$853,694
	Jan-13	\$928,314
	Feb-13	\$914,097
	Mar-13	\$826,137
(2)	Apr-13	\$502,454
	Total	\$10,431,881

(1) Reflects kWhs consumed after April 1st	42.09%
(2) Reflects kWhs consumed prior to April 1st	58.00%

The Narragansett Electric Company
d/b/a National Grid
R.I.P.U.C. Docket No. 4307
FY 2013 Electric Infrastructure, Safety,
and Reliability Plan Reconciliation Filing
Attachment NR-5-Revised
Page 3 of 3

Fiscal Year 2012 O&M Reconciliation of Under Recovery
For the Period April 1, 2012 through March 31, 2012
For the Recovery Period October 1, 2012 through September 30, 2013

Status Update as of June 2013

<u>Line No.</u>		<u>Total</u>		
(1)	Over(Under) Recovery	(\$159,045)		
(2)	O&M Reconciling Factor	\$0.00002		
			<u>Total kWhs</u>	<u>Total Revenue</u>
			(a)	(b)
	Oct-12		238,436,718	\$4,769
	Nov-12		562,928,512	\$11,259
	Dec-12		620,657,387	\$12,413
	Jan-13		665,185,491	\$13,304
	Feb-13		675,319,574	\$13,506
	Mar-13		609,839,995	\$12,197
	Apr-13		599,831,983	\$11,997
	May-13		575,117,445	\$11,502
	Jun-13		602,303,064	\$12,046
	Jul-13		-	\$0
	Aug-13		-	\$0
	Sep-13		-	\$0
(3)	Total		5,149,620,169	\$102,992
(4)	Over(Under) Recovery			<u>(\$56,053)</u>

Line Descriptions:

- (1) per R.I.P.U.C. Docket No. 4218, Attachment NR-5, page 1, line (3)
- (2) per R.I.P.U.C. Docket No. 4218, Attachment NR-5, page 1, line (5)
- (3) sum of kWhs & revenue
- (4) Line (1) + Line (3)

Column Descriptions:

- (a) per Company Records
- (b) per Company records; or Line (2) x Column (a)

**THE NARRAGANSETT ELECTRIC COMPANY
D/B/A NATIONAL GRID
R.I.P.U.C. DOCKET NO. 4307
FY 2013 ELECTRIC INFRASTRUCTURE, SAFETY,
AND RELIABILITY PLAN RECONCILIATION FILING
WITNESS: NANCY RIBOT**

Attachment NR-6-Revised

Typical Bill Analysis

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-16 Rate Customers

Monthly kWh	Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)		Percentage of Customers
	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
150	\$27.94	\$11.06	\$16.88	\$27.92	\$11.06	\$16.86	(\$0.02)	-0.1%	13.7%
300	\$49.81	\$22.12	\$27.69	\$49.77	\$22.13	\$27.64	(\$0.04)	-0.1%	17.5%
400	\$64.40	\$29.50	\$34.90	\$64.34	\$29.50	\$34.84	(\$0.06)	-0.1%	11.8%
500	\$78.97	\$36.87	\$42.10	\$78.91	\$36.88	\$42.03	(\$0.06)	-0.1%	10.8%
600	\$93.55	\$44.24	\$49.31	\$93.46	\$44.24	\$49.22	(\$0.09)	-0.1%	9.4%
700	\$108.14	\$51.62	\$56.52	\$108.03	\$51.62	\$56.41	(\$0.11)	-0.1%	7.7%
1,000	\$151.88	\$73.74	\$78.14	\$151.72	\$73.74	\$77.98	(\$0.16)	-0.1%	15.0%
2,000	\$297.68	\$147.48	\$150.20	\$297.37	\$147.48	\$149.89	(\$0.31)	-0.1%	14.1%

Present Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (1)	kWh x	\$0.03812
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07079

Proposed Rates

Customer Charge		\$5.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (2)	kWh x	\$0.03797
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07079

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.009¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-60 Rate Customers

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
150	\$20.63	\$11.06	\$9.57	\$20.61	\$11.06	\$9.55	(\$0.02)	-0.1%	10.7%
300	\$40.39	\$22.12	\$18.27	\$40.35	\$22.12	\$18.23	(\$0.04)	-0.1%	23.2%
400	\$53.58	\$29.50	\$24.08	\$53.51	\$29.50	\$24.01	(\$0.07)	-0.1%	14.9%
500	\$66.75	\$36.87	\$29.88	\$66.67	\$36.87	\$29.80	(\$0.08)	-0.1%	12.2%
600	\$79.92	\$44.24	\$35.68	\$79.83	\$44.24	\$35.59	(\$0.09)	-0.1%	9.6%
700	\$93.11	\$51.62	\$41.49	\$93.00	\$51.62	\$41.38	(\$0.11)	-0.1%	7.3%
1,000	\$132.64	\$73.74	\$58.90	\$132.48	\$73.74	\$58.74	(\$0.16)	-0.1%	12.3%
2,000	\$264.41	\$147.48	\$116.93	\$264.09	\$147.48	\$116.61	(\$0.32)	-0.1%	9.8%

Present Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (1)	kWh x	\$0.02465
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07079

Proposed Rates

Customer Charge		\$0.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02036
Distribution Energy Charge (2)	kWh x	\$0.02450
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07079

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.009¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

X:\2013 neco\ISR FY 2013 Reconciliation (4307)\Pricing Schedules\Revised Schedules\TypicalBills-Rev.XLS\Input Section

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to C-06 Rate Customers

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Customers
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
250	\$48.15	\$19.43	\$28.72	\$48.12	\$19.43	\$28.69	(\$0.03)	-0.1%	35.2%
500	\$85.03	\$38.86	\$46.17	\$84.96	\$38.86	\$46.10	(\$0.07)	-0.1%	17.0%
1,000	\$158.78	\$77.73	\$81.05	\$158.65	\$77.73	\$80.92	(\$0.13)	-0.1%	19.0%
1,500	\$232.53	\$116.59	\$115.94	\$232.32	\$116.59	\$115.73	(\$0.21)	-0.1%	9.8%
2,000	\$306.28	\$155.46	\$150.82	\$306.01	\$155.46	\$150.55	(\$0.27)	-0.1%	19.1%

Present Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02204
Distribution Energy Charge (1)	kWh x	\$0.03424
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Proposed Rates

Customer Charge		\$10.00
LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.02204
Distribution Energy Charge (2)	kWh x	\$0.03411
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.007¢)/kWh and the proposed O&M Reconciling of (0.004)¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	4,000	\$661.32	\$310.92	\$350.40	\$660.98	\$310.92	\$350.06	(\$0.34)	-0.1%
50	10,000	\$1,516.83	\$777.29	\$739.54	\$1,515.99	\$777.29	\$738.70	(\$0.84)	-0.1%
100	20,000	\$2,942.68	\$1,554.58	\$1,388.10	\$2,941.02	\$1,554.58	\$1,386.44	(\$1.66)	-0.1%
150	30,000	\$4,368.55	\$2,331.88	\$2,036.67	\$4,366.05	\$2,331.88	\$2,034.17	(\$2.50)	-0.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00561
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Note (1): includes the current CapEx Reconciling of (0.003¢)/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.005¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	6,000	\$865.84	\$466.38	\$399.46	\$865.34	\$466.38	\$398.96	(\$0.50)	-0.1%
50	15,000	\$2,028.13	\$1,165.94	\$862.19	\$2,026.88	\$1,165.94	\$860.94	(\$1.25)	-0.1%
100	30,000	\$3,965.30	\$2,331.88	\$1,633.42	\$3,962.80	\$2,331.88	\$1,630.92	(\$2.50)	-0.1%
150	45,000	\$5,902.45	\$3,497.81	\$2,404.64	\$5,898.70	\$3,497.81	\$2,400.89	(\$3.75)	-0.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07462

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00561
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07462

Note (1): includes the current CapEx Reconciling of (0.003¢)/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.005¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

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Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	8,000	\$1,070.35	\$621.83	\$448.52	\$1,069.68	\$621.83	\$447.85	(\$0.67)	-0.1%
50	20,000	\$2,539.43	\$1,554.58	\$984.85	\$2,537.76	\$1,554.58	\$983.18	(\$1.67)	-0.1%
100	40,000	\$4,987.90	\$3,109.17	\$1,878.73	\$4,984.57	\$3,109.17	\$1,875.40	(\$3.33)	-0.1%
150	60,000	\$7,436.36	\$4,663.75	\$2,772.61	\$7,431.36	\$4,663.75	\$2,767.61	(\$5.00)	-0.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00561
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Note (1): includes the current CapEx Reconciling of (0.003¢)/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.005¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

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Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	10,000	\$1,274.87	\$777.29	\$497.58	\$1,274.04	\$777.29	\$496.75	(\$0.83)	-0.1%
50	25,000	\$3,050.74	\$1,943.23	\$1,107.51	\$3,048.65	\$1,943.23	\$1,105.42	(\$2.09)	-0.1%
100	50,000	\$6,010.50	\$3,886.46	\$2,124.04	\$6,006.33	\$3,886.46	\$2,119.87	(\$4.17)	-0.1%
150	75,000	\$8,970.27	\$5,829.69	\$3,140.58	\$8,964.02	\$5,829.69	\$3,134.33	(\$6.25)	-0.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00561
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.07462

Note (1): includes the current CapEx Reconciling of (0.003¢)/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.005¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

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Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	12,000	\$1,479.40	\$932.75	\$546.65	\$1,478.40	\$932.75	\$545.65	(\$1.00)	-0.1%
50	30,000	\$3,562.04	\$2,331.88	\$1,230.16	\$3,559.54	\$2,331.88	\$1,227.66	(\$2.50)	-0.1%
100	60,000	\$7,033.10	\$4,663.75	\$2,369.35	\$7,028.10	\$4,663.75	\$2,364.35	(\$5.00)	-0.1%
150	90,000	\$10,504.18	\$6,995.63	\$3,508.55	\$10,496.68	\$6,995.63	\$3,501.05	(\$7.50)	-0.1%

Present Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (1)	kWh x	\$0.00569
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07462

Proposed Rates

Customer Charge		\$135.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.89
Transmission Energy Charge	kWh x	\$0.00716
Distribution Demand Charge-xcs 10 kW	kW x	\$4.85
Distribution Energy Charge (2)	kWh x	\$0.00561
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07462

Note (1): includes the current CapEx Reconciling of (0.003¢)/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.005¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	40,000	\$5,502.07	\$2,922.50	\$2,579.57	\$5,498.32	\$2,922.50	\$2,575.82	(\$3.75)	-0.1%
750	150,000	\$20,386.91	\$10,959.38	\$9,427.53	\$20,372.85	\$10,959.38	\$9,413.47	(\$14.06)	-0.1%
1,000	200,000	\$27,152.74	\$14,612.50	\$12,540.24	\$27,133.99	\$14,612.50	\$12,521.49	(\$18.75)	-0.1%
1,500	300,000	\$40,684.41	\$21,918.75	\$18,765.66	\$40,656.28	\$21,918.75	\$18,737.53	(\$28.13)	-0.1%
2,500	500,000	\$67,747.74	\$36,531.25	\$31,216.49	\$67,700.87	\$36,531.25	\$31,169.62	(\$46.87)	-0.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00590
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	60,000	\$7,486.45	\$4,383.75	\$3,102.70	\$7,480.82	\$4,383.75	\$3,097.07	(\$5.63)	-0.1%
750	225,000	\$27,828.31	\$16,439.06	\$11,389.25	\$27,807.22	\$16,439.06	\$11,368.16	(\$21.09)	-0.1%
1,000	300,000	\$37,074.62	\$21,918.75	\$15,155.87	\$37,046.49	\$21,918.75	\$15,127.74	(\$28.13)	-0.1%
1,500	450,000	\$55,567.23	\$32,878.13	\$22,689.10	\$55,525.04	\$32,878.13	\$22,646.91	(\$42.19)	-0.1%
2,500	750,000	\$92,552.43	\$54,796.88	\$37,755.55	\$92,482.12	\$54,796.88	\$37,685.24	(\$70.31)	-0.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00590
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	80,000	\$9,470.82	\$5,845.00	\$3,625.82	\$9,463.32	\$5,845.00	\$3,618.32	(\$7.50)	-0.1%
750	300,000	\$35,269.72	\$21,918.75	\$13,350.97	\$35,241.59	\$21,918.75	\$13,322.84	(\$28.13)	-0.1%
1,000	400,000	\$46,996.49	\$29,225.00	\$17,771.49	\$46,958.99	\$29,225.00	\$17,733.99	(\$37.50)	-0.1%
1,500	600,000	\$70,450.03	\$43,837.50	\$26,612.53	\$70,393.78	\$43,837.50	\$26,556.28	(\$56.25)	-0.1%
2,500	1,000,000	\$117,357.12	\$73,062.50	\$44,294.62	\$117,263.37	\$73,062.50	\$44,200.87	(\$93.75)	-0.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00590
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	100,000	\$11,455.20	\$7,306.25	\$4,148.95	\$11,445.82	\$7,306.25	\$4,139.57	(\$9.38)	-0.1%
750	375,000	\$42,711.13	\$27,398.44	\$15,312.69	\$42,675.97	\$27,398.44	\$15,277.53	(\$35.16)	-0.1%
1,000	500,000	\$56,918.37	\$36,531.25	\$20,387.12	\$56,871.49	\$36,531.25	\$20,340.24	(\$46.88)	-0.1%
1,500	750,000	\$85,332.85	\$54,796.88	\$30,535.97	\$85,262.54	\$54,796.88	\$30,465.66	(\$70.31)	-0.1%
2,500	1,250,000	\$142,161.81	\$91,328.13	\$50,833.68	\$142,044.62	\$91,328.13	\$50,716.49	(\$117.19)	-0.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00590
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	120,000	\$13,439.57	\$8,767.50	\$4,672.07	\$13,428.32	\$8,767.50	\$4,660.82	(\$11.25)	-0.1%
750	450,000	\$50,152.54	\$32,878.13	\$17,274.41	\$50,110.35	\$32,878.13	\$17,232.22	(\$42.19)	-0.1%
1,000	600,000	\$66,840.24	\$43,837.50	\$23,002.74	\$66,783.99	\$43,837.50	\$22,946.49	(\$56.25)	-0.1%
1,500	900,000	\$100,215.66	\$65,756.25	\$34,459.41	\$100,131.28	\$65,756.25	\$34,375.03	(\$84.38)	-0.1%
2,500	1,500,000	\$166,966.49	\$109,593.75	\$57,372.74	\$166,825.87	\$109,593.75	\$57,232.12	(\$140.62)	-0.1%

Present Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (1)	kWh x	\$0.00599
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Proposed Rates

Customer Charge		\$825.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00842
Distribution Demand Charge - > 200 kW	kW x	\$3.70
Distribution Energy Charge (2)	kWh x	\$0.00590
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	600,000	\$92,849.20	\$43,837.50	\$49,011.70	\$92,792.95	\$43,837.50	\$48,955.45	(\$56.25)	-0.1%
5,000	1,000,000	\$142,942.54	\$73,062.50	\$69,880.04	\$142,848.79	\$73,062.50	\$69,786.29	(\$93.75)	-0.1%
7,500	1,500,000	\$205,559.21	\$109,593.75	\$95,965.46	\$205,418.58	\$109,593.75	\$95,824.83	(\$140.63)	-0.1%
10,000	2,000,000	\$268,175.87	\$146,125.00	\$122,050.87	\$267,988.37	\$146,125.00	\$121,863.37	(\$187.50)	-0.1%
20,000	4,000,000	\$518,642.55	\$292,250.00	\$226,392.55	\$518,267.55	\$292,250.00	\$226,017.55	(\$375.00)	-0.1%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00051)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	900,000	\$120,199.20	\$65,756.25	\$54,442.95	\$120,114.83	\$65,756.25	\$54,358.58	(\$84.37)	-0.1%
5,000	1,500,000	\$188,525.87	\$109,593.75	\$78,932.12	\$188,385.24	\$109,593.75	\$78,791.49	(\$140.63)	-0.1%
7,500	2,250,000	\$273,934.21	\$164,390.63	\$109,543.58	\$273,723.27	\$164,390.63	\$109,332.64	(\$210.94)	-0.1%
10,000	3,000,000	\$359,342.54	\$219,187.50	\$140,155.04	\$359,061.29	\$219,187.50	\$139,873.79	(\$281.25)	-0.1%
20,000	6,000,000	\$700,975.88	\$438,375.00	\$262,600.88	\$700,413.38	\$438,375.00	\$262,038.38	(\$562.50)	-0.1%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00051)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,200,000	\$147,549.20	\$87,675.00	\$59,874.20	\$147,436.70	\$87,675.00	\$59,761.70	(\$112.50)	-0.1%
5,000	2,000,000	\$234,109.20	\$146,125.00	\$87,984.20	\$233,921.70	\$146,125.00	\$87,796.70	(\$187.50)	-0.1%
7,500	3,000,000	\$342,309.21	\$219,187.50	\$123,121.71	\$342,027.96	\$219,187.50	\$122,840.46	(\$281.25)	-0.1%
10,000	4,000,000	\$450,509.21	\$292,250.00	\$158,259.21	\$450,134.21	\$292,250.00	\$157,884.21	(\$375.00)	-0.1%
20,000	8,000,000	\$883,309.22	\$584,500.00	\$298,809.22	\$882,559.22	\$584,500.00	\$298,059.22	(\$750.00)	-0.1%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00051)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002

Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,500,000	\$174,899.20	\$109,593.75	\$65,305.45	\$174,758.58	\$109,593.75	\$65,164.83	(\$140.62)	-0.1%
5,000	2,500,000	\$279,692.54	\$182,656.25	\$97,036.29	\$279,458.16	\$182,656.25	\$96,801.91	(\$234.38)	-0.1%
7,500	3,750,000	\$410,684.21	\$273,984.38	\$136,699.83	\$410,332.65	\$273,984.38	\$136,348.27	(\$351.56)	-0.1%
10,000	5,000,000	\$541,675.87	\$365,312.50	\$176,363.37	\$541,207.12	\$365,312.50	\$175,894.62	(\$468.75)	-0.1%
20,000	10,000,000	\$1,065,642.55	\$730,625.00	\$335,017.55	\$1,064,705.05	\$730,625.00	\$334,080.05	(\$937.50)	-0.1%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00051)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 600

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,800,000	\$202,249.20	\$131,512.50	\$70,736.70	\$202,080.45	\$131,512.50	\$70,567.95	(\$168.75)	-0.1%
5,000	3,000,000	\$325,275.87	\$219,187.50	\$106,088.37	\$324,994.62	\$219,187.50	\$105,807.12	(\$281.25)	-0.1%
7,500	4,500,000	\$479,059.21	\$328,781.25	\$150,277.96	\$478,637.33	\$328,781.25	\$149,856.08	(\$421.88)	-0.1%
10,000	6,000,000	\$632,842.54	\$438,375.00	\$194,467.54	\$632,280.04	\$438,375.00	\$193,905.04	(\$562.50)	-0.1%
20,000	12,000,000	\$1,247,975.88	\$876,750.00	\$371,225.88	\$1,246,850.88	\$876,750.00	\$370,100.88	(\$1,125.00)	-0.1%

Present Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (1)	kWh x	(\$0.00042)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kWh x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Proposed Rates

Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$3.23
Transmission Energy Charge	kWh x	\$0.00710
Distribution Demand Charge	kW x	\$3.31
Distribution Energy Charge (2)	kWh x	(\$0.00051)
Transition Energy Charge	kWh x	\$0.00162
Energy Efficiency Program Charge	kWh x	\$0.00906
Renewable Energy Distribution Charge	kW x	\$0.00002
Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07014

Note (1): includes the current CapEx Reconciling of 0.000¢/kWh and the current O&M Reconciling of 0.002¢/kWh

Note (2): includes the proposed CapEx Reconciling of (0.003¢)/kWh and the proposed O&M Reconciling of (0.004¢)/kWh