

October 27, 2015

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: Docket 4568 – The Narragansett Electric Company d/b/a National Grid  
Review of Electric Distribution Rate Design Pursuant to R.I. Gen. Laws § 39-26.6-24  
Responses to DON Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of National Grid<sup>1</sup>, I enclose ten (10) copies of the Company's responses to the first set of data requests issued by the Department of the Navy (DON) on October 7, 2015 in the above-referenced docket.

In response to data request DON 1-5, the Company is providing the Excel files to the Department of the Navy only, given that the requested information had been previously provided by the Company in its response to Division 1-1.

Thank you for your attention to this transmittal. If you have any questions concerning this filing, please contact me at 781-907-2153.

Very truly yours,



Celia B. O'Brien

Enclosures

cc: Docket 4568 Service List  
Leo Wold, Esq.  
Karen Lyons, Esq.  
Steve Scialabba

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

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

Paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Joanne M. Scanlon

October 27, 2015

Date

**Docket No. 4568 National Grid's Rate Design Pursuant to R.I. Gen. Laws Sec 39-26.6-24  
Service List updated 10/23/15**

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The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4568  
In Re: Review of Electric Distribution Rate Design  
Pursuant to R.I. Gen. Laws § 39-26.6-24  
Responses to the Department of the Navy's First Set of Data Requests  
Issued on October 7, 2015

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DON 1-1

Request:

Please provide a copy of all Exhibits and Schedules in the instant filing in native format (i.e., WORD and EXCEL or a compatible format). EXCEL workbooks should be provided with all formulas and links intact.

Response:

Following the issuance of the Department of the Navy's first set of data requests, the Company conferred with counsel for the Navy regarding the specific documentation the Navy was requesting. Counsel for the Navy subsequently informed the Company that the Navy no longer required copies of the requested documentation.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4568  
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DON 1-2

Request:

Please provide a copy of all workpapers supporting the Schedules contained in the Testimony in native format (i.e., WORD and EXCEL or a compatible format). EXCEL workbooks should be provided with all formulas and links intact.

Response:

Following the issuance of the Department of the Navy's first set of data requests, the Company conferred with counsel for the Navy regarding the specific documentation the Navy was requesting. Counsel for the Navy subsequently informed the Company that the Navy no longer required copies of the requested documentation.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4568  
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DON 1-3

Request:

Please provide a copy of all interrogatories, requests to produce or other requests for information received by the Company from participants in this proceeding.

Response:

Following the issuance of the Department of the Navy's first set of data requests, the Company conferred with counsel for the Navy regarding the specific documentation the Navy was requesting. Counsel for the Navy subsequently informed the Company that the Navy no longer required copies of the requested documentation.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4568  
In Re: Review of Electric Distribution Rate Design  
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Responses to the Department of the Navy's First Set of Data Requests  
Issued on October 7, 2015

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DON 1-4

Request:

Please provide, when available, a copy of all discovery responses, including responses to both interrogatories and requests to produce.

Response:

Following the issuance of the Department of the Navy's first set of data requests, the Company conferred with counsel for the Navy regarding the specific documentation the Navy was requesting. Counsel for the Navy subsequently informed the Company that the Navy no longer required copies of the requested documentation.



DON 1-5

Request:

Please provide a copy of all studies, reports, analysis and related workpapers the Company relied upon to support its proposal to combine G62 and G32 classes in native format (i.e. WORD and EXCEL or compatible format). EXCEL workbooks should be provided with all formulas and links intact.

Response:

Please see the following Excel files provided with this response:

- Sch JAL 1\_A-C.xls, which includes:
  - o Schedule NG-1: Summary of Proposed Rates
  - o Schedule NG-12: Proposed Rate Design
- Schedule-13 Rate Re-designTypicalBills.xls: Typical Bills
- Schedule NG-10, Results of the ACOSS Study – Compliance Filing in Docket 4323 (i.e., tab JAL-1 from Docket No. 4323 Compliance Schedule JAL 1\_3\_4-S Compliance)
- Schedule NG-14, Individual Customer Bill Impacts

The Company had previously provided these files in its response to Division 1-1 and, therefore, is providing the Excel files to the Department of the Navy only.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 4568  
In Re: Review of Electric Distribution Rate Design  
Pursuant to R.I. Gen. Laws § 39-26.6-24  
Responses to the Department of the Navy's First Set of Data Requests  
Issued on October 7, 2015

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DON 1-6

Request:

Please provide, in electronic Microsoft Excel format with all formulas intact, a complete copy of the workpapers supporting the Navy bill impact analysis prepared by National Grid and summarized in National Grid's supplemental response to PUC discovery request no. 1-31.

Response:

Please see Attachment DON 1-6, which is an Excel worksheet showing the Navy bill impacts for calendar year 2014 as well as the 12 months ended September 2015 under the Company's proposal. The bill impact in Attachment DON 1-6 for calendar year 2014 is different from that provided in response to PUC 1-31 due to the correction of an error in the rates used in PUC 1-31 as well as including HVM and HVD discounts, which were omitted from the response to PUC 1-31. The Company will be filing a revised supplemental response to PUC 1-31.

Navy Bill Impact  
10/1/2014 - 9/2/2015

			Current Bills (12 months)	Proposed (12 months)	Change (12 months)	Average Monthly Difference	% Difference
	Current Rate Class:	Proposed Rate Class:					
Account: 50404-35000	G-62	G-32	\$10,777,437.03	\$10,860,626.92	\$83,189.89	\$6,932.49	0.8%
		Total	\$10,777,437.03	\$10,860,626.92	\$83,189.89	\$6,932.49	0.8%

Navy Bill Impact  
1/3/2014 - 12/3/2014

			Current Bills (12 months)	Proposed (12 months)	Change (12 months)	Average Monthly Difference	% Difference
	Current Rate Class:	Proposed Rate Class:					
Account: 50404-35000	G-62	G-32	\$10,637,242.23	\$10,721,729.44	\$84,487.22	\$7,040.60	0.8%
		Total	\$10,637,242.23	\$10,721,729.44	\$84,487.22	\$7,040.60	0.8%

**Bill Comparison: Current Rate vs Proposed Rates in Docket No. 4568**

Account: 50404-3500

Rate Class: G-62

**Current Charges - Rate G-62**

Bill Date	kWh	Total kW	Dist kW	Customer Charge	CapEx / O&M (kWh)	CapEx / O&M (kW)	RDM	Transmission kW Demand Charge	Transmission Energy kWh Charge	Distribution kW Demand Charge	Distribution kWh Chg	LIHEAP	Re-Growth Charge	Transition Chg	Energy Efficiency Program Charge
				\$17,000.00	(\$0.00014)	\$0.55	\$0.00091	\$3.22	\$0.01247	\$2.99	\$0.00000	\$0.73	\$347.07	(\$0.00201)	\$0.00983
10/1/2014	8,355,582	17,696.0	17,696.0	\$17,000.00	(\$1,169.78)	\$9,732.80	\$7,603.58	\$56,981.12	\$104,194.11	\$52,911.04	\$0.00	\$0.73	\$347.07	(\$16,794.72)	\$82,135.37
10/31/2014	7,222,790	14,356.0	14,356.0	\$17,000.00	(\$1,011.19)	\$7,895.80	\$6,572.74	\$46,226.32	\$90,068.19	\$42,924.44	\$0.00	\$0.73	\$347.07	(\$14,517.81)	\$71,000.03
12/3/2014	7,972,178	13,776.0	13,776.0	\$17,000.00	(\$1,116.10)	\$7,576.80	\$7,254.68	\$44,358.72	\$99,413.06	\$41,190.24	\$0.00	\$0.73	\$347.07	(\$16,024.08)	\$78,366.51
1/5/2015	7,855,292	14,436.0	14,436.0	\$17,000.00	(\$1,099.74)	\$7,939.80	\$7,148.32	\$46,483.92	\$97,955.49	\$43,163.64	\$0.00	\$0.73	\$347.07	(\$15,789.14)	\$77,217.52
2/3/2015	8,460,731	15,556.0	15,556.0	\$17,000.00	(\$1,184.50)	\$8,555.80	\$7,699.27	\$50,090.32	\$105,505.32	\$46,512.44	\$0.00	\$0.73	\$347.07	(\$17,006.07)	\$83,168.99
3/4/2015	8,350,790	15,068.0	15,068.0	\$17,000.00	(\$1,169.11)	\$8,287.40	\$7,599.22	\$48,518.96	\$104,134.35	\$45,053.32	\$0.00	\$0.73	\$347.07	(\$16,785.09)	\$82,088.27
4/2/2015	7,582,175	14,252.0	14,252.0	\$17,000.00	(\$1,061.50)	\$7,838.60	\$6,899.78	\$45,891.44	\$94,549.72	\$42,613.48	\$0.00	\$0.73	\$347.07	(\$15,240.17)	\$74,532.78
5/4/2015	7,218,341	13,272.0	13,272.0	\$17,000.00	(\$1,010.57)	\$7,299.60	\$6,568.69	\$42,735.84	\$90,012.71	\$39,683.28	\$0.00	\$0.73	\$347.07	(\$14,508.87)	\$70,956.29
6/3/2015	7,395,635	13,532.0	13,532.0	\$17,000.00	(\$1,035.39)	\$7,442.60	\$6,730.03	\$43,573.04	\$92,223.57	\$40,460.68	\$0.00	\$0.73	\$347.07	(\$14,865.23)	\$72,699.09
7/2/2015	7,452,107	16,404.0	16,404.0	\$17,000.00	(\$1,043.29)	\$9,022.20	\$6,781.42	\$52,820.88	\$92,927.77	\$49,047.96	\$0.00	\$0.73	\$347.07	(\$14,978.74)	\$73,254.21
8/3/2015	8,613,559	17,776.0	17,776.0	\$17,000.00	(\$1,205.90)	\$9,776.80	\$7,838.34	\$57,238.72	\$107,411.08	\$53,150.24	\$0.00	\$0.73	\$347.07	(\$17,313.25)	\$84,671.28
9/2/2015	9,439,100	17,748.0	17,748.0	\$17,000.00	(\$1,321.47)	\$9,761.40	\$8,589.58	\$57,148.56	\$117,705.58	\$53,066.52	\$0.00	\$0.73	\$347.07	(\$18,972.59)	\$92,786.35
Total (12 months)				\$204,000.00	(\$13,428.56)	\$101,129.60	\$87,285.65	\$592,067.84	\$1,196,100.95	\$549,777.28	\$0.00	\$8.76	\$4,164.84	(\$192,795.76)	\$942,876.69

**Proposed Charges - Rate G-32**

Bill Date	kWh	Total kW	Dist kW (1)	Customer Charge	CapEx / O&M (kWh)	CapEx / O&M (kW)	RDM	Transmission kW Demand Charge	Transmission Energy kWh Charge	Distribution kW Demand Charge	Distribution kWh Chg	LIHEAP	Re-Growth Charge	Transition Chg	Energy Efficiency Program Charge
				\$215.00	\$0.00076	\$0.40	\$0.00091	\$3.40	\$0.00930	\$4.50	\$0.00230	\$0.73	\$17.78	(\$0.00201)	\$0.00983
10/1/2014	8,355,582	17,696.0	17,696.0	\$215.00	\$6,350.24	\$7,078.40	\$7,603.58	\$60,166.40	\$77,706.91	\$79,632.00	\$19,217.84	\$0.73	\$17.78	(\$16,794.72)	\$82,135.37
10/31/2014	7,222,790	14,356.0	14,356.0	\$215.00	\$5,489.32	\$5,742.40	\$6,572.74	\$48,810.40	\$67,171.95	\$64,602.00	\$16,612.42	\$0.73	\$17.78	(\$14,517.81)	\$71,000.03
12/3/2014	7,972,178	13,776.0	13,776.0	\$215.00	\$6,058.86	\$5,510.40	\$7,254.68	\$46,838.40	\$74,141.26	\$61,992.00	\$18,336.01	\$0.73	\$17.78	(\$16,024.08)	\$78,366.51
1/5/2015	7,855,292	14,436.0	14,436.0	\$215.00	\$5,970.02	\$5,774.40	\$7,148.32	\$49,082.40	\$73,054.22	\$64,962.00	\$18,067.17	\$0.73	\$17.78	(\$15,789.14)	\$77,217.52
2/3/2015	8,460,731	15,556.0	15,556.0	\$215.00	\$6,430.16	\$6,222.40	\$7,699.27	\$52,890.40	\$78,684.80	\$70,002.00	\$19,459.68	\$0.73	\$17.78	(\$17,006.07)	\$83,168.99
3/4/2015	8,350,790	15,068.0	15,068.0	\$215.00	\$6,346.60	\$6,027.20	\$7,599.22	\$51,231.20	\$77,662.35	\$67,806.00	\$19,206.82	\$0.73	\$17.78	(\$16,785.09)	\$82,088.27
4/2/2015	7,582,175	14,252.0	14,252.0	\$215.00	\$5,762.45	\$5,700.80	\$6,899.78	\$48,456.80	\$70,514.23	\$64,134.00	\$17,439.00	\$0.73	\$17.78	(\$15,240.17)	\$74,532.78
5/4/2015	7,218,341	13,272.0	13,272.0	\$215.00	\$5,485.94	\$5,308.80	\$6,568.69	\$45,124.80	\$67,130.57	\$59,724.00	\$16,602.18	\$0.73	\$17.78	(\$14,508.87)	\$70,956.29
6/3/2015	7,395,635	13,532.0	13,532.0	\$215.00	\$5,620.68	\$5,412.80	\$6,730.03	\$46,008.80	\$68,779.41	\$60,894.00	\$17,009.96	\$0.73	\$17.78	(\$14,865.23)	\$72,699.09
7/2/2015	7,452,107	16,404.0	16,404.0	\$215.00	\$5,663.60	\$6,561.60	\$6,781.42	\$55,773.60	\$69,304.60	\$73,818.00	\$17,139.85	\$0.73	\$17.78	(\$14,978.74)	\$73,254.21
8/3/2015	8,613,559	17,776.0	17,776.0	\$215.00	\$6,546.30	\$7,110.40	\$7,838.34	\$60,438.40	\$80,106.10	\$79,992.00	\$19,811.19	\$0.73	\$17.78	(\$17,313.25)	\$84,671.28
9/2/2015	9,439,100	17,748.0	17,748.0	\$215.00	\$7,173.72	\$7,099.20	\$8,589.58	\$60,343.20	\$87,783.63	\$79,866.00	\$21,709.93	\$0.73	\$17.78	(\$18,972.59)	\$92,786.35
12				\$2,580.00	\$72,897.89	\$73,548.80	\$87,285.65	\$625,164.80	\$892,040.03	\$827,424.00	\$220,612.05	\$8.76	\$213.36	(\$192,795.76)	\$942,876.69
Proposed vs Current (12 months)				(\$201,420.00)	\$86,326.45	(\$27,580.80)	\$0.00	\$33,096.96	(\$304,060.92)	\$277,646.72	\$220,612.05	\$0.00	(\$3,951.48)	\$0.00	\$0.00
Average Monthly Difference				(\$16,785.00)	\$7,193.87	(\$2,298.40)	\$0.00	\$2,758.08	(\$25,338.41)	\$23,137.23	\$18,384.34	\$0.00	(\$329.29)	\$0.00	\$0.00

(1) Distribution demand charge proposed to be assessed on all kW

**Bill Comparison: Current Rate vs Proposed Rates in Docket No. 4568**

Account: 50404-3500

Rate Class: G-62

**Current Charges - Rate G-62**

Bill Date	kWh	Total kW	Dist kW	Renewables Energy Distribution Charge	SOS/RES	HVM	HVD	SUB TOTAL	GRT	Current Charges
				\$0.00232	\$0.07126	-1%	(\$0.42)			
10/1/2014	8,355,582	17,696.0	17,696.0	\$19,384.95	\$595,418.77	(\$9,277.45)	(\$7,432.32)	\$911,035.27	\$37,959.80	\$948,995.07
10/31/2014	7,222,790	14,356.0	14,356.0	\$16,756.87	\$514,696.02	(\$7,979.59)	(\$6,029.52)	\$783,950.10	\$32,664.59	\$816,614.68
12/3/2014	7,972,178	13,776.0	13,776.0	\$18,495.45	\$568,097.40	(\$8,649.60)	(\$5,785.92)	\$850,524.95	\$35,438.54	\$885,963.49
1/5/2015	7,855,292	14,436.0	14,436.0	\$18,224.28	\$559,768.11	(\$8,583.60)	(\$6,063.12)	\$843,713.28	\$35,154.72	\$878,868.00
2/3/2015	8,460,731	15,556.0	15,556.0	\$19,628.90	\$602,911.69	(\$9,232.30)	(\$6,533.52)	\$907,464.14	\$37,811.01	\$945,275.14
3/4/2015	8,350,790	15,068.0	15,068.0	\$19,373.83	\$595,077.30	(\$9,095.26)	(\$6,328.56)	\$894,102.43	\$37,254.27	\$931,356.69
4/2/2015	7,582,175	14,252.0	14,252.0	\$17,590.65	\$540,305.79	(\$8,312.68)	(\$5,985.84)	\$816,969.84	\$34,040.41	\$851,010.25
5/4/2015	7,218,341	13,272.0	13,272.0	\$16,746.55	\$514,378.98	(\$7,902.10)	(\$5,574.24)	\$776,733.96	\$32,363.91	\$809,097.87
6/3/2015	7,395,635	13,532.0	13,532.0	\$17,157.87	\$527,012.95	(\$8,087.47)	(\$5,683.44)	\$794,976.10	\$33,124.00	\$828,100.11
7/2/2015	7,452,107	16,404.0	16,404.0	\$17,288.89	\$531,037.14	(\$8,335.06)	(\$6,889.68)	\$818,281.49	\$34,095.06	\$852,376.55
8/3/2015	8,613,559	17,776.0	17,776.0	\$19,983.46	\$613,802.21	(\$9,527.01)	(\$7,465.92)	\$935,707.85	\$38,987.83	\$974,695.68
9/2/2015	9,439,100	17,748.0	17,748.0	\$21,898.71	\$672,630.27	(\$10,306.41)	(\$7,454.16)	\$1,012,880.14	\$42,203.34	\$1,055,083.48
Total (12 months)				\$222,530.41	\$6,835,136.63	(\$105,288.54)	(\$77,226.24)	\$10,346,339.55	\$431,097.48	\$10,777,437.03

**Proposed Charges - Rate G-32**

Bill Date	kWh	Total kW	Dist kW (1)	Renewables Energy Distribution Charge	SOS/RES	HVM	HVD	SUB TOTAL	GRT	Current Charges
				\$0.00232	\$0.07126	-1%	(\$0.42)			
10/1/2014	8,355,582	17,696.0	17,696.0	\$19,384.95	\$595,418.77	(\$9,381.33)	(\$7,432.32)	\$921,319.60	\$38,388.32	\$959,707.92
10/31/2014	7,222,790	14,356.0	14,356.0	\$16,756.87	\$514,696.02	(\$8,031.70)	(\$6,029.52)	\$789,108.63	\$32,879.53	\$821,988.16
12/3/2014	7,972,178	13,776.0	13,776.0	\$18,495.45	\$568,097.40	(\$8,693.00)	(\$5,785.92)	\$854,821.47	\$35,617.56	\$890,439.03
1/5/2015	7,855,292	14,436.0	14,436.0	\$18,224.28	\$559,768.11	(\$8,637.13)	(\$6,063.12)	\$849,012.56	\$35,375.52	\$884,388.09
2/3/2015	8,460,731	15,556.0	15,556.0	\$19,628.90	\$602,911.69	(\$9,303.26)	(\$6,533.52)	\$914,488.95	\$38,103.71	\$952,592.65
3/4/2015	8,350,790	15,068.0	15,068.0	\$19,373.83	\$595,077.30	(\$9,158.67)	(\$6,328.56)	\$900,379.98	\$37,515.83	\$937,895.81
4/2/2015	7,582,175	14,252.0	14,252.0	\$17,590.65	\$540,305.79	(\$8,363.30)	(\$5,985.84)	\$821,980.49	\$34,249.19	\$856,229.67
5/4/2015	7,218,341	13,272.0	13,272.0	\$16,746.55	\$514,378.98	(\$7,937.51)	(\$5,574.24)	\$780,239.68	\$32,509.99	\$812,749.67
6/3/2015	7,395,635	13,532.0	13,532.0	\$17,157.87	\$527,012.95	(\$8,126.94)	(\$5,683.44)	\$798,883.49	\$33,286.81	\$832,170.31
7/2/2015	7,452,107	16,404.0	16,404.0	\$17,288.89	\$531,037.14	(\$8,418.78)	(\$6,889.68)	\$826,569.22	\$34,440.38	\$861,009.61
8/3/2015	8,613,559	17,776.0	17,776.0	\$19,983.46	\$613,802.21	(\$9,632.20)	(\$7,465.92)	\$946,121.83	\$39,421.74	\$985,543.57
9/2/2015	9,439,100	17,748.0	17,748.0	\$21,898.71	\$672,630.27	(\$10,411.42)	(\$7,454.16)	\$1,023,275.93	\$42,636.50	\$1,065,912.43
12				\$222,530.41	\$6,835,136.63	(\$106,095.23)	(\$77,226.24)	\$10,426,201.84	\$434,425.08	\$10,860,626.92
Proposed vs Current (12 months)				\$0.00	\$0.00	(\$806.69)	\$0.00	\$79,862.29	\$3,327.60	\$83,189.89
Average Monthly Difference				\$0.00	\$0.00	(\$67.22)	\$0.00	\$6,655.19	\$277.30	\$6,932.49

(1) Distribution demand charge proposed to be assessed on all

**Bill Comparison: Current Rate vs Proposed Rates in Docket No. 456:**

Account: 50404-3500

Rate Class: G-62

**Current Charges - Rate G-62**

Bill Date	kWh	Total kW	Dist kW	Customer Charge	CapEx / O&M (kWh)	CapEx / O&M (kW)	RDM	Transmission kW Demand Charge	Transmission Energy kWh Charge	Distribution kW Demand Charge	Distribution kWh Chg	LIHEAP	Re-Growth Charge	Transition Chg	Program Charge	Energy Efficiency	Renewables Energy Distribution Charge
				\$17,000.00	(\$0.00014)	\$0.55	\$0.00091	\$3.22	\$0.01247	\$2.99	\$0.00000	\$0.73	\$347.07	(\$0.00201)	\$0.00983	\$0.00232	
1/3/2014	8,144,882	14,656.0	14,656.0	\$17,000.00	(\$1,140.28)	\$8,060.80	\$7,411.84	\$47,192.32	\$101,566.68	\$43,821.44	\$0.00	\$0.73	\$347.07	(\$16,371.21)	\$80,064.19	\$18,896.13	
2/3/2014	7,846,971	15,128.0	15,128.0	\$17,000.00	(\$1,098.58)	\$8,320.40	\$7,140.74	\$48,712.16	\$97,851.73	\$45,232.72	\$0.00	\$0.73	\$347.07	(\$15,772.41)	\$77,135.72	\$18,204.97	
3/4/2014	8,270,521	14,764.0	14,764.0	\$17,000.00	(\$1,157.87)	\$8,120.20	\$7,526.17	\$47,540.08	\$103,133.40	\$44,144.36	\$0.00	\$0.73	\$347.07	(\$16,623.75)	\$81,299.22	\$19,187.61	
4/7/2014	7,665,739	14,832.0	14,832.0	\$17,000.00	(\$1,073.20)	\$8,157.60	\$6,975.82	\$47,759.04	\$95,591.77	\$44,347.68	\$0.00	\$0.73	\$347.07	(\$15,408.14)	\$75,354.21	\$17,784.51	
5/2/2014	7,535,766	14,559.0	14,559.0	\$17,000.00	(\$1,055.01)	\$8,007.45	\$6,857.55	\$46,879.98	\$93,971.00	\$43,531.41	\$0.00	\$0.73	\$347.07	(\$15,146.89)	\$74,076.58	\$17,482.98	
6/10/2014	7,689,309	14,559.0	14,559.0	\$17,000.00	(\$1,076.50)	\$8,007.45	\$6,997.27	\$46,879.98	\$95,885.68	\$43,531.41	\$0.00	\$0.73	\$347.07	(\$15,455.51)	\$75,585.91	\$17,839.20	
7/2/2014	7,205,338	16,496.0	16,496.0	\$17,000.00	(\$1,008.75)	\$9,072.80	\$6,556.86	\$53,117.12	\$89,850.56	\$49,323.04	\$0.00	\$0.73	\$347.07	(\$14,482.73)	\$70,828.47	\$16,716.38	
8/4/2014	8,716,806	16,956.0	16,956.0	\$17,000.00	(\$1,220.35)	\$9,325.80	\$7,932.29	\$54,598.32	\$108,698.57	\$50,698.44	\$0.00	\$0.73	\$347.07	(\$17,520.78)	\$85,686.20	\$20,222.99	
9/2/2014	7,799,303	16,940.0	16,940.0	\$17,000.00	(\$1,091.90)	\$9,317.00	\$7,097.37	\$54,546.80	\$97,257.31	\$50,650.60	\$0.00	\$0.73	\$347.07	(\$15,676.60)	\$76,667.15	\$18,094.38	
10/1/2014	8,355,582	17,696.0	17,696.0	\$17,000.00	(\$1,169.78)	\$9,732.80	\$7,603.58	\$56,981.12	\$104,194.11	\$52,911.04	\$0.00	\$0.73	\$347.07	(\$16,794.72)	\$82,135.37	\$19,384.95	
10/31/2014	7,222,790	14,356.0	14,356.0	\$17,000.00	(\$1,011.19)	\$7,895.80	\$6,572.74	\$46,226.32	\$90,068.19	\$42,924.44	\$0.00	\$0.73	\$347.07	(\$14,517.81)	\$71,000.03	\$16,756.87	
12/3/2014	7,972,178	13,776.0	13,776.0	\$17,000.00	(\$1,116.10)	\$7,576.80	\$7,254.68	\$44,358.72	\$99,413.06	\$41,190.24	\$0.00	\$0.73	\$347.07	(\$16,024.08)	\$78,366.51	\$18,495.45	
Total (12 months)				\$204,000.00	(\$13,219.53)	\$101,594.90	\$85,926.91	\$594,791.96	\$1,177,482.06	\$552,306.82	\$0.00	\$8.76	\$4,164.84	(\$189,794.63)	\$928,199.56	\$219,066.42	

**Proposed Charges - Rate G-32**

Bill Date	kWh	Total kW	Dist kW (1)	Customer Charge	CapEx / O&M (kWh)	CapEx / O&M (kW)	RDM	Transmission kW Demand Charge	Transmission Energy kWh Charge	Distribution kW Demand Charge	Distribution kWh Chg	LIHEAP	Re-Growth Charge	Transition Chg	Program Charge	Energy Efficiency	Renewables Energy Distribution Charge
				\$215.00	\$0.00076	\$0.40	\$0.00091	\$3.40	\$0.00930	\$4.50	\$0.00230	\$0.73	\$17.78	(\$0.00201)	\$0.00983	\$0.00232	
1/3/2014	8,144,882	14,656.0	14,656.0	\$215.00	\$6,190.11	\$5,862.40	\$7,411.84	\$49,830.40	\$75,747.40	\$65,952.00	\$18,733.23	\$0.73	\$17.78	(\$16,371.21)	\$80,064.19	\$18,896.13	
2/3/2014	7,846,971	15,128.0	15,128.0	\$215.00	\$5,963.70	\$6,051.20	\$7,140.74	\$51,435.20	\$72,976.83	\$68,076.00	\$18,048.03	\$0.73	\$17.78	(\$15,772.41)	\$77,135.72	\$18,204.97	
3/4/2014	8,270,521	14,764.0	14,764.0	\$215.00	\$6,285.60	\$5,905.60	\$7,526.17	\$50,197.60	\$76,915.85	\$66,438.00	\$19,022.20	\$0.73	\$17.78	(\$16,623.75)	\$81,299.22	\$19,187.61	
4/7/2014	7,665,739	14,832.0	14,832.0	\$215.00	\$5,825.96	\$5,932.80	\$6,975.82	\$50,428.80	\$71,291.37	\$66,744.00	\$17,631.20	\$0.73	\$17.78	(\$15,408.14)	\$75,354.21	\$17,784.51	
5/2/2014	7,535,766	14,559.0	14,559.0	\$215.00	\$5,727.18	\$5,823.60	\$6,857.55	\$49,500.60	\$70,082.62	\$65,515.50	\$17,332.26	\$0.73	\$17.78	(\$15,146.89)	\$74,076.58	\$17,482.98	
6/10/2014	7,689,309	14,559.0	14,559.0	\$215.00	\$5,843.87	\$5,823.60	\$6,997.27	\$49,500.60	\$71,510.57	\$65,515.50	\$17,685.41	\$0.73	\$17.78	(\$15,455.51)	\$75,585.91	\$17,839.20	
7/2/2014	7,205,338	16,496.0	16,496.0	\$215.00	\$5,476.06	\$6,598.40	\$6,556.86	\$56,086.40	\$67,009.64	\$74,232.00	\$16,572.28	\$0.73	\$17.78	(\$14,482.73)	\$70,828.47	\$16,716.38	
8/4/2014	8,716,806	16,956.0	16,956.0	\$215.00	\$6,624.77	\$6,782.40	\$7,932.29	\$57,650.40	\$81,066.30	\$76,302.00	\$20,048.65	\$0.73	\$17.78	(\$17,520.78)	\$85,686.20	\$20,222.99	
9/2/2014	7,799,303	16,940.0	16,940.0	\$215.00	\$5,927.47	\$6,776.00	\$7,097.37	\$57,596.00	\$72,533.52	\$76,230.00	\$17,938.40	\$0.73	\$17.78	(\$15,676.60)	\$76,667.15	\$18,094.38	
10/1/2014	8,355,582	17,696.0	17,696.0	\$215.00	\$6,350.24	\$7,078.40	\$7,603.58	\$60,166.40	\$77,706.91	\$79,632.00	\$19,217.84	\$0.73	\$17.78	(\$16,794.72)	\$82,135.37	\$19,384.95	
10/31/2014	7,222,790	14,356.0	14,356.0	\$215.00	\$5,489.32	\$5,742.40	\$6,572.74	\$48,810.40	\$67,171.95	\$64,602.00	\$16,612.42	\$0.73	\$17.78	(\$14,517.81)	\$71,000.03	\$16,756.87	
12/3/2014	7,972,178	13,776.0	13,776.0	\$215.00	\$6,058.86	\$5,510.40	\$7,254.68	\$46,838.40	\$74,141.26	\$61,992.00	\$18,336.01	\$0.73	\$17.78	(\$16,024.08)	\$78,366.51	\$18,495.45	
12				\$2,580.00	\$71,763.14	\$73,887.20	\$85,926.91	\$628,041.20	\$878,154.22	\$831,231.00	\$217,177.93	\$8.76	\$213.36	(\$189,794.63)	\$928,199.56	\$219,066.42	
Proposed vs Current (12 months)				(\$201,420.00)	\$84,982.67	(\$27,707.70)	\$0.00	\$33,249.24	(\$299,327.84)	\$278,924.18	\$217,177.93	\$0.00	(\$3,951.48)	\$0.00	\$0.00	\$0.00	
Average Monthly Difference				(\$16,785.00)	\$7,081.89	(\$2,308.98)	\$0.00	\$2,770.77	(\$24,943.99)	\$23,243.68	\$18,098.16	\$0.00	(\$329.29)	\$0.00	\$0.00	\$0.00	

(1) Distribution demand charge proposed to be assessed on all kW

**Bill Comparison: Current Rate vs Proposed Rates in Docket No. 456:**

Account: 50404-3500  
Rate Class: G-62

**Current Charges - Rate G-62**

Bill Date	kWh	Total kW	Dist kW	SOS/RES	HVM	HVD	SUB TOTAL	GRT	Current Charges
				\$0.07126	-1%	(\$0.42)			
1/3/2014	8,144,882	14,656.0	14,656.0	\$580,404.29	(\$8,872.54)	(\$6,155.52)	\$872,225.94	\$36,342.75	\$908,568.68
2/3/2014	7,846,971	15,128.0	15,128.0	\$559,175.15	(\$8,622.50)	(\$6,353.76)	\$847,274.14	\$35,303.09	\$882,577.23
3/4/2014	8,270,521	14,764.0	14,764.0	\$589,357.33	(\$8,998.75)	(\$6,200.88)	\$884,674.92	\$36,861.46	\$921,536.38
4/7/2014	7,665,739	14,832.0	14,832.0	\$546,260.56	(\$8,430.98)	(\$6,229.44)	\$828,437.23	\$34,518.22	\$862,955.45
5/2/2014	7,535,766	14,559.0	14,559.0	\$536,998.69	(\$8,289.52)	(\$6,114.78)	\$814,547.25	\$33,939.47	\$848,486.72
6/10/2014	7,689,309	14,559.0	14,559.0	\$547,940.16	(\$8,434.83)	(\$6,114.78)	\$828,933.24	\$34,538.88	\$863,472.12
7/2/2014	7,205,338	16,496.0	16,496.0	\$513,452.39	(\$8,107.74)	(\$6,928.32)	\$795,737.88	\$33,155.75	\$828,893.63
8/4/2014	8,716,806	16,956.0	16,956.0	\$621,159.60	(\$9,569.29)	(\$7,121.52)	\$940,238.07	\$39,176.59	\$979,414.65
9/2/2014	7,799,303	16,940.0	16,940.0	\$555,778.33	(\$8,699.88)	(\$7,114.80)	\$854,173.56	\$35,590.56	\$889,764.12
10/1/2014	8,355,582	17,696.0	17,696.0	\$595,418.77	(\$9,277.45)	(\$7,432.32)	\$911,035.27	\$37,959.80	\$948,995.07
10/31/2014	7,222,790	14,356.0	14,356.0	\$514,696.02	(\$7,979.59)	(\$6,029.52)	\$783,950.10	\$32,664.59	\$816,614.68
12/3/2014	7,972,178	13,776.0	13,776.0	\$568,097.40	(\$8,649.60)	(\$5,785.92)	\$850,524.95	\$35,438.54	\$885,963.49
Total (12 months)				\$6,728,738.69	(\$103,932.67)	(\$77,581.56)	\$10,211,752.54	\$425,489.69	\$10,637,242.23

**Proposed Charges - Rate G-32**

Bill Date	kWh	Total kW	Dist kW (1)	SOS/RES	HVM	HVD	SUB TOTAL	GRT	Current Charges
				\$0.07126	-1%	(\$0.42)			
1/3/2014	8,144,882	14,656.0	14,656.0	\$580,404.29	(\$8,929.54)	(\$6,155.52)	\$877,869.23	\$36,577.88	\$914,447.11
2/3/2014	7,846,971	15,128.0	15,128.0	\$559,175.15	(\$8,686.69)	(\$6,353.76)	\$853,628.19	\$35,567.84	\$889,196.03
3/4/2014	8,270,521	14,764.0	14,764.0	\$589,357.33	(\$9,057.45)	(\$6,200.88)	\$890,486.61	\$37,103.61	\$927,590.22
4/7/2014	7,665,739	14,832.0	14,832.0	\$546,260.56	(\$8,490.55)	(\$6,229.44)	\$834,334.62	\$34,763.94	\$869,098.56
5/2/2014	7,535,766	14,559.0	14,559.0	\$536,998.69	(\$8,344.84)	(\$6,114.78)	\$820,024.56	\$34,167.69	\$854,192.25
6/10/2014	7,689,309	14,559.0	14,559.0	\$547,940.16	(\$8,490.20)	(\$6,114.78)	\$834,415.11	\$34,767.30	\$869,182.41
7/2/2014	7,205,338	16,496.0	16,496.0	\$513,452.39	(\$8,192.80)	(\$6,928.32)	\$804,158.54	\$33,506.61	\$837,665.15
8/4/2014	8,716,806	16,956.0	16,956.0	\$621,159.60	(\$9,661.88)	(\$7,121.52)	\$949,404.93	\$39,558.54	\$988,963.47
9/2/2014	7,799,303	16,940.0	16,940.0	\$555,778.33	(\$8,791.96)	(\$7,114.80)	\$863,288.77	\$35,970.37	\$899,259.14
10/1/2014	8,355,582	17,696.0	17,696.0	\$595,418.77	(\$9,381.33)	(\$7,432.32)	\$921,319.60	\$38,388.32	\$959,707.92
10/31/2014	7,222,790	14,356.0	14,356.0	\$514,696.02	(\$8,031.70)	(\$6,029.52)	\$789,108.63	\$32,879.53	\$821,988.16
12/3/2014	7,972,178	13,776.0	13,776.0	\$568,097.40	(\$8,693.00)	(\$5,785.92)	\$854,821.47	\$35,617.56	\$890,439.03
12				\$6,728,738.69	(\$104,751.94)	(\$77,581.56)	\$10,292,860.26	\$428,869.18	\$10,721,729.44
Proposed vs Current (12 months)				\$0.00	(\$819.27)	\$0.00	\$81,107.73	\$3,379.49	\$84,487.22
Average Monthly Difference				\$0.00	(\$68.27)	\$0.00	\$6,758.98	\$281.62	\$7,040.60

(1) Distribution demand charge proposed to be assessed on