

December 19, 2014

VIA UPS DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4527 – 2015 Energy Efficiency Program Plan
Responses to Record Requests**

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's¹ responses to Record Requests issued at the Rhode Island Public Utilities Commission's Technical Session on December 17, 2014 in the above-referenced docket.

Thank you for your attention to this filing. If you have any questions, please contact me at (401) 784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

cc: Docket 4527 Service List
Karen Lyons, Esq.
Jon Hagopian, Esq.
Steve Scialabba, Division

¹ The Narragansett Electric Company d/b/a National Grid (referred to herein as National Grid or Company).

Certificate of Service

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

Copies of this filing were delivered via UPS to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities Carriers.



Jennifer Brooks Hutchinson, Esq.

December 19, 2014
Date

**Docket No. 4527 - National Grid - 2015 Energy Efficiency Program Plan
Service list updated 12/2/14**

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Record Request 1

Request:

Please provide the traditional bill impact analysis showing the incremental impact of the proposed energy efficiency program charge on current rates for gas and electric.

Response:

Please see Attachment RR-1A for the traditional bill impact analysis showing the incremental impact of the proposed energy efficiency charge on current rates for electricity. This typical bill analysis provides a comparison of monthly bills based on rates currently in effect, including the current Energy Efficiency Charge factor of \$0.00941¹ per kWh, to monthly bills based on rates currently in effect and reflecting the proposed Energy Efficiency Factor Charge of \$0.00983² per kWh.

Please see Attachment RR-1B for the traditional bill impact analysis showing the incremental impact of the proposed energy efficiency charge on current rates for gas. This typical bill analysis provides a comparison of monthly bills based on rates currently in effect, including the current Energy Efficiency Charge factor of \$0.0600 per therm for Residential customers and \$0.0492 per therm for Commercial and Industrial customers, to monthly bills based on rates currently in effect and reflecting the proposed Energy Efficiency Factor Charge of \$0.0781 per therm for Residential customers and \$0.0637 per therm for Commercial and Industrial customers.

The primary reason for the difference between these results and the results shown in Attachment 7 of the Company's filing is that the results in Attachment 7 are based on assessing the impact of the full amount of the energy efficiency charge while the results in the attachments show the bill impacts of the proposed increase in the charge.

In addition, the results presented here for the traditional bill impacts analysis are the impacts for one year. The traditional bill impact analyses do not take into account the long-term perspective incorporated in the analyses included in Attachment 7. The longer term analyses are intended to capture the effects of energy efficiency that may contribute to lower rates for all customers through lower supply prices as a result of price suppression and reduced T&D investment cost recovery. These effects are more noticeable for electric energy efficiency than they are for natural gas energy efficiency.

¹ Energy Efficiency Charge on the customer bill of \$0.00941 per kWh includes the Energy Efficiency Charge of \$0.00911 per kWh and \$0.00030 per kWh Renewable Energy Charge per R.I.G.L. §39-2-1.2

² Proposed Energy Efficiency Charge of \$0.00983 per kWh includes the Energy Efficiency Charge of \$0.00953 per kWh and \$0.00030 per kWh Renewable Energy Charge per R.I.G.L. §39-2-1.2

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
Rates Applicable to A-16 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 | \$30.15 | \$13.06 | \$17.09 | \$30.22 | \$13.06 | \$17.16 | \$0.07 | 0.2% | 13.7% |
| 300 | \$54.34 | \$26.13 | \$28.21 | \$54.47 | \$26.13 | \$28.34 | \$0.13 | 0.2% | 17.5% |
| 400 | \$70.46 | \$34.83 | \$35.63 | \$70.63 | \$34.83 | \$35.80 | \$0.17 | 0.2% | 11.8% |
| 500 | \$86.58 | \$43.54 | \$43.04 | \$86.80 | \$43.54 | \$43.26 | \$0.22 | 0.3% | 10.8% |
| 600 | \$102.70 | \$52.24 | \$50.46 | \$102.96 | \$52.24 | \$50.72 | \$0.26 | 0.3% | 9.4% |
| 700 | \$118.82 | \$60.95 | \$57.87 | \$119.13 | \$60.95 | \$58.18 | \$0.31 | 0.3% | 7.7% |
| 1,000 | \$167.18 | \$87.07 | \$80.11 | \$167.62 | \$87.07 | \$80.55 | \$0.44 | 0.3% | 15.0% |
| 2,000 | \$328.41 | \$174.15 | \$154.26 | \$329.29 | \$174.15 | \$155.14 | \$0.88 | 0.3% | 14.1% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$5.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02221 |
| Distribution Energy Charge | kWh x | \$0.03821 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.08359 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$5.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02221 |
| Distribution Energy Charge | kWh x | \$0.03821 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.08359 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$22.84 | \$13.06 | \$9.78 | \$22.90 | \$13.06 | \$9.84 | \$0.06 | 0.3% | 10.7% |
| 300 | \$44.91 | \$26.12 | \$18.79 | \$45.05 | \$26.12 | \$18.93 | \$0.14 | 0.3% | 23.2% |
| 400 | \$59.64 | \$34.83 | \$24.81 | \$59.81 | \$34.83 | \$24.98 | \$0.17 | 0.3% | 14.9% |
| 500 | \$74.36 | \$43.54 | \$30.82 | \$74.58 | \$43.54 | \$31.04 | \$0.22 | 0.3% | 12.2% |
| 600 | \$89.07 | \$52.24 | \$36.83 | \$89.33 | \$52.24 | \$37.09 | \$0.26 | 0.3% | 9.6% |
| 700 | \$103.79 | \$60.95 | \$42.84 | \$104.10 | \$60.95 | \$43.15 | \$0.31 | 0.3% | 7.3% |
| 1,000 | \$147.95 | \$87.07 | \$60.88 | \$148.38 | \$87.07 | \$61.31 | \$0.43 | 0.3% | 12.3% |
| 2,000 | \$295.14 | \$174.15 | \$120.99 | \$296.01 | \$174.15 | \$121.86 | \$0.87 | 0.3% | 9.8% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$0.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02221 |
| Distribution Energy Charge | kWh x | \$0.02474 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.08359 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$0.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02221 |
| Distribution Energy Charge | kWh x | \$0.02474 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.08359 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$52.29 | \$24.17 | \$28.12 | \$52.40 | \$24.17 | \$28.23 | \$0.11 | 0.2% | 35.2% |
| 500 | \$93.41 | \$48.34 | \$45.07 | \$93.63 | \$48.34 | \$45.29 | \$0.22 | 0.2% | 17.0% |
| 1,000 | \$175.64 | \$96.68 | \$78.96 | \$176.08 | \$96.68 | \$79.40 | \$0.44 | 0.3% | 19.0% |
| 1,500 | \$257.87 | \$145.02 | \$112.85 | \$258.53 | \$145.02 | \$113.51 | \$0.66 | 0.3% | 9.8% |
| 2,000 | \$340.09 | \$193.35 | \$146.74 | \$340.96 | \$193.35 | \$147.61 | \$0.87 | 0.3% | 19.1% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$10.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02003 |
| Distribution Energy Charge | kWh x | \$0.03428 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$10.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Energy Charge | kWh x | \$0.02003 |
| Distribution Energy Charge | kWh x | \$0.03428 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$743.01 | \$386.71 | \$356.30 | \$744.76 | \$386.71 | \$358.05 | \$1.75 | 0.2% |
| 50 | 10,000 | \$1,722.32 | \$966.77 | \$755.55 | \$1,726.70 | \$966.77 | \$759.93 | \$4.38 | 0.3% |
| 100 | 20,000 | \$3,354.51 | \$1,933.54 | \$1,420.97 | \$3,363.26 | \$1,933.54 | \$1,429.72 | \$8.75 | 0.3% |
| 150 | 30,000 | \$4,986.70 | \$2,900.31 | \$2,086.39 | \$4,999.82 | \$2,900.31 | \$2,099.51 | \$13.12 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$986.74 | \$580.06 | \$406.68 | \$989.36 | \$580.06 | \$409.30 | \$2.62 | 0.3% |
| 50 | 15,000 | \$2,331.65 | \$1,450.16 | \$881.49 | \$2,338.21 | \$1,450.16 | \$888.05 | \$6.56 | 0.3% |
| 100 | 30,000 | \$4,573.15 | \$2,900.31 | \$1,672.84 | \$4,586.28 | \$2,900.31 | \$1,685.97 | \$13.13 | 0.3% |
| 150 | 45,000 | \$6,814.67 | \$4,350.47 | \$2,464.20 | \$6,834.36 | \$4,350.47 | \$2,483.89 | \$19.69 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |

Gross Earnings Tax 4.00%

Gross Earnings Tax 4.00%

Standard Offer Charge kWh x \$0.09281

Standard Offer Charge kWh x \$0.09281

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

**Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$1,230.47 | \$773.42 | \$457.05 | \$1,233.97 | \$773.42 | \$460.55 | \$3.50 | 0.3% |
| 50 | 20,000 | \$2,940.97 | \$1,933.54 | \$1,007.43 | \$2,949.72 | \$1,933.54 | \$1,016.18 | \$8.75 | 0.3% |
| 100 | 40,000 | \$5,791.80 | \$3,867.08 | \$1,924.72 | \$5,809.30 | \$3,867.08 | \$1,942.22 | \$17.50 | 0.3% |
| 150 | 60,000 | \$8,642.64 | \$5,800.63 | \$2,842.01 | \$8,668.89 | \$5,800.63 | \$2,868.26 | \$26.25 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$1,474.20 | \$966.77 | \$507.43 | \$1,478.57 | \$966.77 | \$511.80 | \$4.37 | 0.3% |
| 50 | 25,000 | \$3,550.29 | \$2,416.93 | \$1,133.36 | \$3,561.23 | \$2,416.93 | \$1,144.30 | \$10.94 | 0.3% |
| 100 | 50,000 | \$7,010.44 | \$4,833.85 | \$2,176.59 | \$7,032.32 | \$4,833.85 | \$2,198.47 | \$21.88 | 0.3% |
| 150 | 75,000 | \$10,470.60 | \$7,250.78 | \$3,219.82 | \$10,503.42 | \$7,250.78 | \$3,252.64 | \$32.82 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$1,717.93 | \$1,160.13 | \$557.80 | \$1,723.18 | \$1,160.13 | \$563.05 | \$5.25 | 0.3% |
| 50 | 30,000 | \$4,159.61 | \$2,900.31 | \$1,259.30 | \$4,172.74 | \$2,900.31 | \$1,272.43 | \$13.13 | 0.3% |
| 100 | 60,000 | \$8,229.10 | \$5,800.63 | \$2,428.47 | \$8,255.35 | \$5,800.63 | \$2,454.72 | \$26.25 | 0.3% |
| 150 | 90,000 | \$12,298.58 | \$8,700.94 | \$3,597.64 | \$12,337.95 | \$8,700.94 | \$3,637.01 | \$39.37 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Proposed Rates

| | | |
|--------------------------------------|-------|-----------|
| Customer Charge | | \$135.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.00768 |
| Distribution Demand Charge-xcs 10 kW | kW x | \$4.92 |
| Distribution Energy Charge | kWh x | \$0.00574 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4.00% |
| Standard Offer Charge | kWh x | \$0.09281 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$6,474.31 | \$3,879.17 | \$2,595.14 | \$6,491.81 | \$3,879.17 | \$2,612.64 | \$17.50 | 0.3% |
| 750 | 150,000 | \$24,073.16 | \$14,546.88 | \$9,526.28 | \$24,138.79 | \$14,546.88 | \$9,591.91 | \$65.63 | 0.3% |
| 1,000 | 200,000 | \$32,072.63 | \$19,395.83 | \$12,676.80 | \$32,160.13 | \$19,395.83 | \$12,764.30 | \$87.50 | 0.3% |
| 1,500 | 300,000 | \$48,071.59 | \$29,093.75 | \$18,977.84 | \$48,202.84 | \$29,093.75 | \$19,109.09 | \$131.25 | 0.3% |
| 2,500 | 500,000 | \$80,069.51 | \$48,489.58 | \$31,579.93 | \$80,288.26 | \$48,489.58 | \$31,798.68 | \$218.75 | 0.3% |

Present Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kW x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh
Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$8,927.22 | \$5,818.75 | \$3,108.47 | \$8,953.47 | \$5,818.75 | \$3,134.72 | \$26.25 | 0.3% |
| 750 | 225,000 | \$33,271.59 | \$21,820.31 | \$11,451.28 | \$33,370.03 | \$21,820.31 | \$11,549.72 | \$98.44 | 0.3% |
| 1,000 | 300,000 | \$44,337.22 | \$29,093.75 | \$15,243.47 | \$44,468.47 | \$29,093.75 | \$15,374.72 | \$131.25 | 0.3% |
| 1,500 | 450,000 | \$66,468.47 | \$43,640.63 | \$22,827.84 | \$66,665.35 | \$43,640.63 | \$23,024.72 | \$196.88 | 0.3% |
| 2,500 | 750,000 | \$110,730.97 | \$72,734.38 | \$37,996.59 | \$111,059.10 | \$72,734.38 | \$38,324.72 | \$328.13 | 0.3% |

Present Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$11,380.13 | \$7,758.33 | \$3,621.80 | \$11,415.13 | \$7,758.33 | \$3,656.80 | \$35.00 | 0.3% |
| 750 | 300,000 | \$42,470.03 | \$29,093.75 | \$13,376.28 | \$42,601.28 | \$29,093.75 | \$13,507.53 | \$131.25 | 0.3% |
| 1,000 | 400,000 | \$56,601.81 | \$38,791.67 | \$17,810.14 | \$56,776.81 | \$38,791.67 | \$17,985.14 | \$175.00 | 0.3% |
| 1,500 | 600,000 | \$84,865.34 | \$58,187.50 | \$26,677.84 | \$85,127.84 | \$58,187.50 | \$26,940.34 | \$262.50 | 0.3% |
| 2,500 | 1,000,000 | \$141,392.43 | \$96,979.17 | \$44,413.26 | \$141,829.93 | \$96,979.17 | \$44,850.76 | \$437.50 | 0.3% |

Present Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kW x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$13,833.06 | \$9,697.92 | \$4,135.14 | \$13,876.81 | \$9,697.92 | \$4,178.89 | \$43.75 | 0.3% |
| 750 | 375,000 | \$51,668.47 | \$36,367.19 | \$15,301.28 | \$51,832.53 | \$36,367.19 | \$15,465.34 | \$164.06 | 0.3% |
| 1,000 | 500,000 | \$68,866.38 | \$48,489.58 | \$20,376.80 | \$69,085.13 | \$48,489.58 | \$20,595.55 | \$218.75 | 0.3% |
| 1,500 | 750,000 | \$103,262.22 | \$72,734.38 | \$30,527.84 | \$103,590.35 | \$72,734.38 | \$30,855.97 | \$328.13 | 0.3% |
| 2,500 | 1,250,000 | \$172,053.89 | \$121,223.96 | \$50,829.93 | \$172,600.76 | \$121,223.96 | \$51,376.80 | \$546.87 | 0.3% |

Present Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$16,285.97 | \$11,637.50 | \$4,648.47 | \$16,338.47 | \$11,637.50 | \$4,700.97 | \$52.50 | 0.3% |
| 750 | 450,000 | \$60,866.91 | \$43,640.63 | \$17,226.28 | \$61,063.79 | \$43,640.63 | \$17,423.16 | \$196.88 | 0.3% |
| 1,000 | 600,000 | \$81,130.97 | \$58,187.50 | \$22,943.47 | \$81,393.47 | \$58,187.50 | \$23,205.97 | \$262.50 | 0.3% |
| 1,500 | 900,000 | \$121,659.09 | \$87,281.25 | \$34,377.84 | \$122,052.84 | \$87,281.25 | \$34,771.59 | \$393.75 | 0.3% |
| 2,500 | 1,500,000 | \$202,715.34 | \$145,468.75 | \$57,246.59 | \$203,371.59 | \$145,468.75 | \$57,902.84 | \$656.25 | 0.3% |

Present Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|---------------------------------------|-------|-----------|
| Customer Charge | | \$825.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.40 |
| Transmission Energy Charge | kWh x | \$0.00774 |
| Distribution Demand Charge - > 200 kW | kW x | \$3.77 |
| Distribution Energy Charge | kWh x | \$0.00614 |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

**Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$109,090.34 | \$58,187.50 | \$50,902.84 | \$109,352.84 | \$58,187.50 | \$51,165.34 | \$262.50 | 0.2% |
| 5,000 | 1,000,000 | \$170,011.18 | \$96,979.17 | \$73,032.01 | \$170,448.68 | \$96,979.17 | \$73,469.51 | \$437.50 | 0.3% |
| 7,500 | 1,500,000 | \$246,162.22 | \$145,468.75 | \$100,693.47 | \$246,818.47 | \$145,468.75 | \$101,349.72 | \$656.25 | 0.3% |
| 10,000 | 2,000,000 | \$322,313.26 | \$193,958.33 | \$128,354.93 | \$323,188.26 | \$193,958.33 | \$129,229.93 | \$875.00 | 0.3% |
| 20,000 | 4,000,000 | \$626,917.43 | \$387,916.67 | \$239,000.76 | \$628,667.43 | \$387,916.67 | \$240,750.76 | \$1,750.00 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.09310

Proposed Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kW x | \$0.00039 |

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.09310

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$144,843.47 | \$87,281.25 | \$57,562.22 | \$145,237.22 | \$87,281.25 | \$57,955.97 | \$393.75 | 0.3% |
| 5,000 | 1,500,000 | \$229,599.72 | \$145,468.75 | \$84,130.97 | \$230,255.97 | \$145,468.75 | \$84,787.22 | \$656.25 | 0.3% |
| 7,500 | 2,250,000 | \$335,545.04 | \$218,203.13 | \$117,341.91 | \$336,529.41 | \$218,203.13 | \$118,326.28 | \$984.37 | 0.3% |
| 10,000 | 3,000,000 | \$441,490.34 | \$290,937.50 | \$150,552.84 | \$442,802.84 | \$290,937.50 | \$151,865.34 | \$1,312.50 | 0.3% |
| 20,000 | 6,000,000 | \$865,271.59 | \$581,875.00 | \$283,396.59 | \$867,896.59 | \$581,875.00 | \$286,021.59 | \$2,625.00 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.09310

Proposed Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |

Gross Earnings Tax 4%

Standard Offer Charge kWh x \$0.09310

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$180,596.59 | \$116,375.00 | \$64,221.59 | \$181,121.59 | \$116,375.00 | \$64,746.59 | \$525.00 | 0.3% |
| 5,000 | 2,000,000 | \$289,188.26 | \$193,958.33 | \$95,229.93 | \$290,063.26 | \$193,958.33 | \$96,104.93 | \$875.00 | 0.3% |
| 7,500 | 3,000,000 | \$424,927.84 | \$290,937.50 | \$133,990.34 | \$426,240.34 | \$290,937.50 | \$135,302.84 | \$1,312.50 | 0.3% |
| 10,000 | 4,000,000 | \$560,667.43 | \$387,916.67 | \$172,750.76 | \$562,417.43 | \$387,916.67 | \$174,500.76 | \$1,750.00 | 0.3% |
| 20,000 | 8,000,000 | \$1,103,625.76 | \$775,833.33 | \$327,792.43 | \$1,107,125.76 | \$775,833.33 | \$331,292.43 | \$3,500.00 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$216,349.72 | \$145,468.75 | \$70,880.97 | \$217,005.97 | \$145,468.75 | \$71,537.22 | \$656.25 | 0.3% |
| 5,000 | 2,500,000 | \$348,776.81 | \$242,447.92 | \$106,328.89 | \$349,870.56 | \$242,447.92 | \$107,422.64 | \$1,093.75 | 0.3% |
| 7,500 | 3,750,000 | \$514,310.66 | \$363,671.88 | \$150,638.78 | \$515,951.29 | \$363,671.88 | \$152,279.41 | \$1,640.63 | 0.3% |
| 10,000 | 5,000,000 | \$679,844.51 | \$484,895.83 | \$194,948.68 | \$682,032.01 | \$484,895.83 | \$197,136.18 | \$2,187.50 | 0.3% |
| 20,000 | 10,000,000 | \$1,341,979.93 | \$969,791.67 | \$372,188.26 | \$1,346,354.93 | \$969,791.67 | \$376,563.26 | \$4,375.00 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kW x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Calculation of Monthly Typical Bill
Comparison of Present and Proposed Rates
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 | \$252,102.84 | \$174,562.50 | \$77,540.34 | \$252,890.34 | \$174,562.50 | \$78,327.84 | \$787.50 | 0.3% |
| 5,000 | 3,000,000 | \$408,365.34 | \$290,937.50 | \$117,427.84 | \$409,677.84 | \$290,937.50 | \$118,740.34 | \$1,312.50 | 0.3% |
| 7,500 | 4,500,000 | \$603,693.47 | \$436,406.25 | \$167,287.22 | \$605,662.22 | \$436,406.25 | \$169,255.97 | \$1,968.75 | 0.3% |
| 10,000 | 6,000,000 | \$799,021.59 | \$581,875.00 | \$217,146.59 | \$801,646.59 | \$581,875.00 | \$219,771.59 | \$2,625.00 | 0.3% |
| 20,000 | 12,000,000 | \$1,580,334.09 | \$1,163,750.00 | \$416,584.09 | \$1,585,584.09 | \$1,163,750.00 | \$421,834.09 | \$5,250.00 | 0.3% |

Present Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (1) | kWh x | \$0.00941 |
| Renewable Energy Distribution Charge | kWh x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Proposed Rates

| | | |
|--------------------------------------|-------|-------------|
| Customer Charge | | \$17,000.00 |
| LIHEAP Charge | | \$0.73 |
| Transmission Demand Charge | kW x | \$3.02 |
| Transmission Energy Charge | kWh x | \$0.01070 |
| Distribution Demand Charge | kW x | \$3.34 |
| Distribution Energy Charge | kWh x | (\$0.00015) |
| Transition Energy Charge | kWh x | \$0.00096 |
| Energy Efficiency Program Charge (2) | kWh x | \$0.00983 |
| Renewable Energy Distribution Charge | kW x | \$0.00039 |
| Gross Earnings Tax | | 4% |
| Standard Offer Charge | kWh x | \$0.09310 |

Note (1): includes the current Energy Efficiency Program Charge of 0.941¢/kWh

Note (2): includes the proposed Energy Efficiency Program Charge of 0.983¢/kWh

Residential Non-Heating:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|------|-----------------------------|-----------------|-----------------|---------------|-------------|--------------------|----------|--------|--------|--------|--------|--------|--|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (31) | | | | | | | | | | | | | | |
| (32) | | | | | | | | | | | | | | |
| (33) | | | | | | | | | | | | | | |
| (34) | | | | | | | | | | | | | | |
| (35) | 140 | \$340.56 | \$337.95 | \$2.61 | 0.8% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2.53 | \$0.00 | \$0.08 | | |
| (36) | 155 | \$358.88 | \$355.99 | \$2.89 | 0.8% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2.80 | \$0.00 | \$0.09 | | |
| (37) | 171 | \$378.41 | \$375.21 | \$3.21 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.11 | \$0.00 | \$0.10 | | |
| (38) | 184 | \$394.19 | \$390.79 | \$3.40 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.30 | \$0.00 | \$0.10 | | |
| (39) | 198 | \$411.29 | \$407.61 | \$3.68 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.57 | \$0.00 | \$0.11 | | |
| (40) | Average Customer | \$430.47 | \$426.48 | \$3.99 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.87 | \$0.00 | \$0.12 | | |
| (41) | 228 | \$447.92 | \$443.67 | \$4.25 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.12 | \$0.00 | \$0.13 | | |
| (42) | 244 | \$467.45 | \$462.88 | \$4.57 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.43 | \$0.00 | \$0.14 | | |
| (43) | 258 | \$484.49 | \$479.67 | \$4.82 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.68 | \$0.00 | \$0.14 | | |
| (44) | 275 | \$505.22 | \$500.11 | \$5.11 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.96 | \$0.00 | \$0.15 | | |
| (45) | 288 | \$521.13 | \$515.75 | \$5.38 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5.22 | \$0.00 | \$0.16 | | |

Residential Non-Heating Low Income:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|------|-----------------------------|-----------------|-----------------|---------------|-------------|--------------------|----------|--------|--------|--------|--------|--------|--|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (46) | | | | | | | | | | | | | | |
| (47) | | | | | | | | | | | | | | |
| (48) | | | | | | | | | | | | | | |
| (49) | | | | | | | | | | | | | | |
| (50) | 140 | \$318.14 | \$315.53 | \$2.61 | 0.8% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2.53 | \$0.00 | \$0.08 | | |
| (51) | 155 | \$335.78 | \$332.90 | \$2.89 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2.80 | \$0.00 | \$0.09 | | |
| (52) | 171 | \$354.59 | \$351.39 | \$3.21 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.11 | \$0.00 | \$0.10 | | |
| (53) | 184 | \$369.78 | \$366.38 | \$3.40 | 0.9% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.30 | \$0.00 | \$0.10 | | |
| (54) | 198 | \$386.25 | \$382.57 | \$3.68 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.57 | \$0.00 | \$0.11 | | |
| (55) | Average Customer | \$404.72 | \$400.73 | \$3.99 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3.87 | \$0.00 | \$0.12 | | |
| (56) | 228 | \$421.52 | \$417.27 | \$4.25 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.12 | \$0.00 | \$0.13 | | |
| (57) | 244 | \$440.33 | \$435.76 | \$4.57 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.43 | \$0.00 | \$0.14 | | |
| (58) | 258 | \$456.73 | \$451.91 | \$4.82 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.68 | \$0.00 | \$0.14 | | |
| (59) | 275 | \$476.69 | \$471.58 | \$5.11 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4.96 | \$0.00 | \$0.15 | | |
| (60) | 288 | \$492.01 | \$486.63 | \$5.38 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5.22 | \$0.00 | \$0.16 | | |

C & I Small:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|------|-----------------------------|-------------------|-------------------|----------------|-------------|--------------------|----------|--------|--------|---------|--------|--------|--|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (61) | | | | | | | | | | | | | | |
| (62) | | | | | | | | | | | | | | |
| (63) | | | | | | | | | | | | | | |
| (64) | | | | | | | | | | | | | | |
| (65) | 880 | \$1,397.04 | \$1,383.88 | \$13.15 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$12.76 | \$0.00 | \$0.39 | | |
| (66) | 973 | \$1,501.21 | \$1,486.67 | \$14.54 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$14.10 | \$0.00 | \$0.44 | | |
| (67) | 1,067 | \$1,605.65 | \$1,589.70 | \$15.95 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$15.47 | \$0.00 | \$0.48 | | |
| (68) | 1,162 | \$1,708.86 | \$1,691.48 | \$17.38 | 1.0% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$16.86 | \$0.00 | \$0.52 | | |
| (69) | 1,258 | \$1,807.43 | \$1,788.59 | \$18.85 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$18.28 | \$0.00 | \$0.57 | | |
| (70) | 1,352 | \$1,902.80 | \$1,882.57 | \$20.23 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$19.62 | \$0.00 | \$0.61 | | |
| (71) | 1,446 | \$1,998.90 | \$1,977.29 | \$21.61 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$20.96 | \$0.00 | \$0.65 | | |
| (72) | 1,542 | \$2,096.49 | \$2,073.47 | \$23.02 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$22.33 | \$0.00 | \$0.69 | | |
| (73) | 1,635 | \$2,191.09 | \$2,166.65 | \$24.44 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$23.71 | \$0.00 | \$0.73 | | |
| (74) | 1,730 | \$2,286.68 | \$2,260.81 | \$25.87 | 1.1% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$25.09 | \$0.00 | \$0.78 | | |
| (75) | 1,825 | \$2,382.28 | \$2,354.99 | \$27.29 | 1.2% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$26.47 | \$0.00 | \$0.82 | | |

C & I Medium:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|------|-----------------------------|--------------------|--------------------|-----------------|-------------|--------------------|----------|--------|--------|----------|--------|--------|--|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (76) | | | | | | | | | | | | | | |
| (77) | | | | | | | | | | | | | | |
| (78) | | | | | | | | | | | | | | |
| (79) | | | | | | | | | | | | | | |
| (80) | 7,941 | \$9,122.63 | \$9,003.94 | \$118.69 | 1.3% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$115.13 | \$0.00 | \$3.56 | | |
| (81) | 8,796 | \$10,011.04 | \$9,879.55 | \$131.48 | 1.3% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$127.54 | \$0.00 | \$3.94 | | |
| (82) | 9,650 | \$10,897.90 | \$10,753.67 | \$144.23 | 1.3% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$139.90 | \$0.00 | \$4.33 | | |
| (83) | 10,505 | \$11,786.28 | \$11,629.25 | \$157.03 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$152.32 | \$0.00 | \$4.71 | | |
| (84) | 11,361 | \$12,675.03 | \$12,505.20 | \$169.84 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$164.74 | \$0.00 | \$5.10 | | |
| (85) | 12,217 | \$13,564.07 | \$13,381.44 | \$182.63 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$177.15 | \$0.00 | \$5.48 | | |
| (86) | 13,073 | \$14,453.13 | \$14,257.73 | \$195.40 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$189.54 | \$0.00 | \$5.86 | | |
| (87) | 13,928 | \$15,340.93 | \$15,132.76 | \$208.16 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$201.92 | \$0.00 | \$6.24 | | |
| (88) | 14,782 | \$16,228.38 | \$16,007.43 | \$220.95 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$214.32 | \$0.00 | \$6.63 | | |
| (89) | 15,637 | \$17,116.19 | \$16,882.48 | \$233.71 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$226.70 | \$0.00 | \$7.01 | | |
| (90) | 16,492 | \$18,004.59 | \$17,758.05 | \$246.54 | 1.4% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$239.14 | \$0.00 | \$7.40 | | |

C & I LLF Large:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | |
|-------|--------------------------------|--------------------|--------------------|-----------------|-------------|--------------------|--------|------------|--------|---------|
| | | | | | | GCR | DAC | EE | LIHEAP | GET |
| (91) | | | | | | | | | | |
| (92) | | | | | | | | | | |
| (93) | | | | | | | | | | |
| (94) | | | | | | | | | | |
| (95) | 41,066 | \$45,912.39 | \$45,298.54 | \$613.86 | 1.4% | \$0.00 | \$0.00 | \$595.44 | \$0.00 | \$18.42 |
| (96) | 45,488 | \$50,622.14 | \$49,942.17 | \$679.97 | 1.4% | \$0.00 | \$0.00 | \$659.57 | \$0.00 | \$20.40 |
| (97) | 49,910 | \$55,332.00 | \$54,585.97 | \$746.03 | 1.4% | \$0.00 | \$0.00 | \$723.65 | \$0.00 | \$22.38 |
| (98) | 54,334 | \$60,043.67 | \$59,231.45 | \$812.22 | 1.4% | \$0.00 | \$0.00 | \$787.85 | \$0.00 | \$24.37 |
| (99) | 58,757 | \$64,754.39 | \$63,876.07 | \$878.32 | 1.4% | \$0.00 | \$0.00 | \$851.97 | \$0.00 | \$26.35 |
| (100) | Average Customer 63,179 | \$69,464.31 | \$68,519.87 | \$944.44 | 1.4% | \$0.00 | \$0.00 | \$916.11 | \$0.00 | \$28.33 |
| (101) | 67,600 | \$74,173.00 | \$73,162.47 | \$1,010.53 | 1.4% | \$0.00 | \$0.00 | \$980.21 | \$0.00 | \$30.32 |
| (102) | 72,023 | \$78,883.76 | \$77,807.12 | \$1,076.64 | 1.4% | \$0.00 | \$0.00 | \$1,044.34 | \$0.00 | \$32.30 |
| (103) | 76,447 | \$83,596.02 | \$82,453.26 | \$1,142.76 | 1.4% | \$0.00 | \$0.00 | \$1,108.48 | \$0.00 | \$34.28 |
| (104) | 80,870 | \$88,306.75 | \$87,097.86 | \$1,208.89 | 1.4% | \$0.00 | \$0.00 | \$1,172.62 | \$0.00 | \$36.27 |
| (105) | 85,292 | \$93,016.55 | \$91,741.57 | \$1,274.98 | 1.4% | \$0.00 | \$0.00 | \$1,236.73 | \$0.00 | \$38.25 |

C & I HLF Large:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | |
|-------|--------------------------------|--------------------|--------------------|-------------------|-------------|--------------------|--------|------------|--------|---------|
| | | | | | | GCR | DAC | EE | LIHEAP | GET |
| (106) | | | | | | | | | | |
| (107) | | | | | | | | | | |
| (108) | | | | | | | | | | |
| (109) | | | | | | | | | | |
| (110) | 50,411 | \$50,554.12 | \$49,800.54 | \$753.58 | 1.5% | \$0.00 | \$0.00 | \$730.97 | \$0.00 | \$22.61 |
| (111) | 55,841 | \$55,765.34 | \$54,930.60 | \$834.73 | 1.5% | \$0.00 | \$0.00 | \$809.69 | \$0.00 | \$25.04 |
| (112) | 61,273 | \$60,978.29 | \$60,062.37 | \$915.92 | 1.5% | \$0.00 | \$0.00 | \$888.44 | \$0.00 | \$27.48 |
| (113) | 66,699 | \$66,186.06 | \$65,189.03 | \$997.03 | 1.5% | \$0.00 | \$0.00 | \$967.12 | \$0.00 | \$29.91 |
| (114) | 72,129 | \$71,397.26 | \$70,319.04 | \$1,078.22 | 1.5% | \$0.00 | \$0.00 | \$1,045.87 | \$0.00 | \$32.35 |
| (115) | Average Customer 77,558 | \$76,607.60 | \$75,448.20 | \$1,159.40 | 1.5% | \$0.00 | \$0.00 | \$1,124.62 | \$0.00 | \$34.78 |
| (116) | 82,989 | \$81,818.88 | \$80,578.34 | \$1,240.55 | 1.5% | \$0.00 | \$0.00 | \$1,203.33 | \$0.00 | \$37.22 |
| (117) | 88,416 | \$87,027.58 | \$85,705.89 | \$1,321.69 | 1.5% | \$0.00 | \$0.00 | \$1,282.04 | \$0.00 | \$39.65 |
| (118) | 93,847 | \$92,239.64 | \$90,836.77 | \$1,402.87 | 1.5% | \$0.00 | \$0.00 | \$1,360.78 | \$0.00 | \$42.09 |
| (119) | 99,275 | \$97,449.14 | \$95,965.13 | \$1,484.01 | 1.5% | \$0.00 | \$0.00 | \$1,439.49 | \$0.00 | \$44.52 |
| (120) | 104,705 | \$102,660.35 | \$101,095.18 | \$1,565.16 | 1.5% | \$0.00 | \$0.00 | \$1,518.21 | \$0.00 | \$46.95 |

C & I LLF Extra-Large:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|-------|-----------------------------|---------------------|---------------------|-------------------|-------------|--------------------|----------|--------|--------|------------|--------|--------|----------|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (121) | | | | | | | | | | | | | | |
| (122) | | | | | | | | | | | | | | |
| (123) | | | | | | | | | | | | | | |
| (124) | | | | | | | | | | | | | | |
| (125) | 174,357 | \$163,244.32 | \$160,637.95 | \$2,606.37 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2,528.18 | \$0.00 | \$0.00 | \$78.19 | |
| (126) | 193,136 | \$180,258.81 | \$177,371.72 | \$2,887.09 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2,800.48 | \$0.00 | \$0.00 | \$86.61 | |
| (127) | 211,912 | \$197,270.89 | \$194,103.15 | \$3,167.74 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,072.71 | \$0.00 | \$0.00 | \$95.03 | |
| (128) | 230,688 | \$214,283.52 | \$210,835.10 | \$3,448.42 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,344.97 | \$0.00 | \$0.00 | \$103.45 | |
| (129) | 249,466 | \$231,297.22 | \$227,568.06 | \$3,729.16 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,617.29 | \$0.00 | \$0.00 | \$111.87 | |
| (130) | Average Customer | \$248,309.98 | \$244,300.15 | \$4,009.84 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,889.54 | \$0.00 | \$0.00 | \$120.30 | |
| (131) | 287,018 | \$265,321.35 | \$261,030.86 | \$4,290.48 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,161.77 | \$0.00 | \$0.00 | \$128.71 | |
| (132) | 305,796 | \$282,335.68 | \$277,764.47 | \$4,571.21 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,434.07 | \$0.00 | \$0.00 | \$137.14 | |
| (133) | 324,573 | \$299,348.55 | \$294,496.69 | \$4,851.87 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,706.31 | \$0.00 | \$0.00 | \$145.56 | |
| (134) | 343,350 | \$316,361.42 | \$311,228.87 | \$5,132.55 | 1.6% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,978.57 | \$0.00 | \$0.00 | \$153.98 | |
| (135) | 362,127 | \$333,374.29 | \$327,961.04 | \$5,413.25 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,250.85 | \$0.00 | \$0.00 | \$162.40 | |

C & I HLF Extra-Large:

| | Annual Consumption (Therms) | Proposed Rates | Current Rates | Difference | % Chg | Difference due to: | | | | | | | | |
|-------|-----------------------------|------------------|---------------------|--------------------|-------------|--------------------|----------|--------|--------|-------------|--------|--------|----------|--|
| | | | | | | GCR | Base DAC | DAC | ISR | EE | LIHEAP | GET | | |
| (136) | | | | | | | | | | | | | | |
| (137) | | | | | | | | | | | | | | |
| (138) | | | | | | | | | | | | | | |
| (139) | | | | | | | | | | | | | | |
| (140) | 447,421 | \$391,909.56 | \$385,221.32 | \$6,688.25 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$6,487.60 | \$0.00 | \$0.00 | \$200.65 | |
| (141) | 495,605 | \$433,547.89 | \$426,139.38 | \$7,408.52 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$7,186.26 | \$0.00 | \$0.00 | \$222.26 | |
| (142) | 543,789 | \$475,186.96 | \$467,058.16 | \$8,128.80 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$7,884.94 | \$0.00 | \$0.00 | \$243.86 | |
| (143) | 591,972 | \$516,824.52 | \$507,975.47 | \$8,849.05 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$8,583.58 | \$0.00 | \$0.00 | \$265.47 | |
| (144) | 640,155 | \$558,462.02 | \$548,892.69 | \$9,569.33 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$9,282.25 | \$0.00 | \$0.00 | \$287.08 | |
| (145) | Average Customer | \$688,340 | \$689,811.92 | \$10,289.63 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$9,980.94 | \$0.00 | \$0.00 | \$308.69 | |
| (146) | 736,523 | \$641,739.43 | \$630,729.53 | \$11,009.90 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$10,679.60 | \$0.00 | \$0.00 | \$330.30 | |
| (147) | 784,708 | \$683,378.53 | \$671,648.37 | \$11,730.16 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$11,378.26 | \$0.00 | \$0.00 | \$351.90 | |
| (148) | 832,891 | \$725,016.85 | \$712,566.40 | \$12,450.44 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$12,076.93 | \$0.00 | \$0.00 | \$373.51 | |
| (149) | 881,074 | \$766,654.31 | \$753,483.62 | \$13,170.69 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$12,775.57 | \$0.00 | \$0.00 | \$395.12 | |
| (150) | 929,259 | \$808,294.21 | \$794,403.24 | \$13,890.97 | 1.7% | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$13,474.24 | \$0.00 | \$0.00 | \$416.73 | |

Record Request 2

Request:

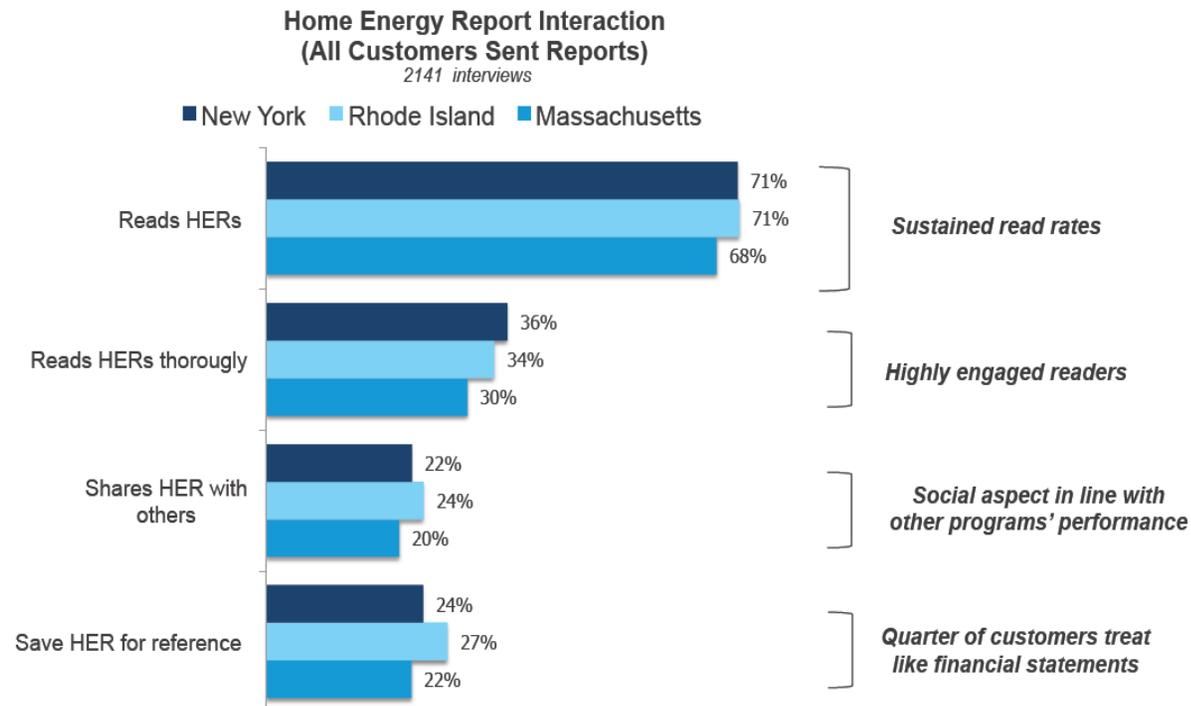
Please provide a copy of the most recent Home Energy Report survey results referenced at the December 17, 2014 technical session.

Response:

Please see Attachment RR-2. Also with respect to the bill impacts for the Home Energy Reports program illustrated in Attachment 7, the Company would like to clarify responses provided to the PUC's questions at the December 17, 2014 Technical Session regarding the bill savings of -0.4% for the electric HER program (Table 2, right column). These impacts are negative because they compare the bill savings from participation in the HER program alone (Table 2, middle column) to the cost of those participants paying for all electric energy efficiency programs (Table 2, left column). Were a customer to only pay for the HER program, their bill savings would be positive. That comparison would also be consistent with the program having a benefit cost ratio greater than 1.

Report interaction continues to be strong

Of all the individuals being sent outbound communications, roughly three quarters usually read them, with a quarter of customers saying that they saved their last report. Metrics in MA are lower due to large numbers of gas-only respondents, who had not received a recent report as of July survey fielding.

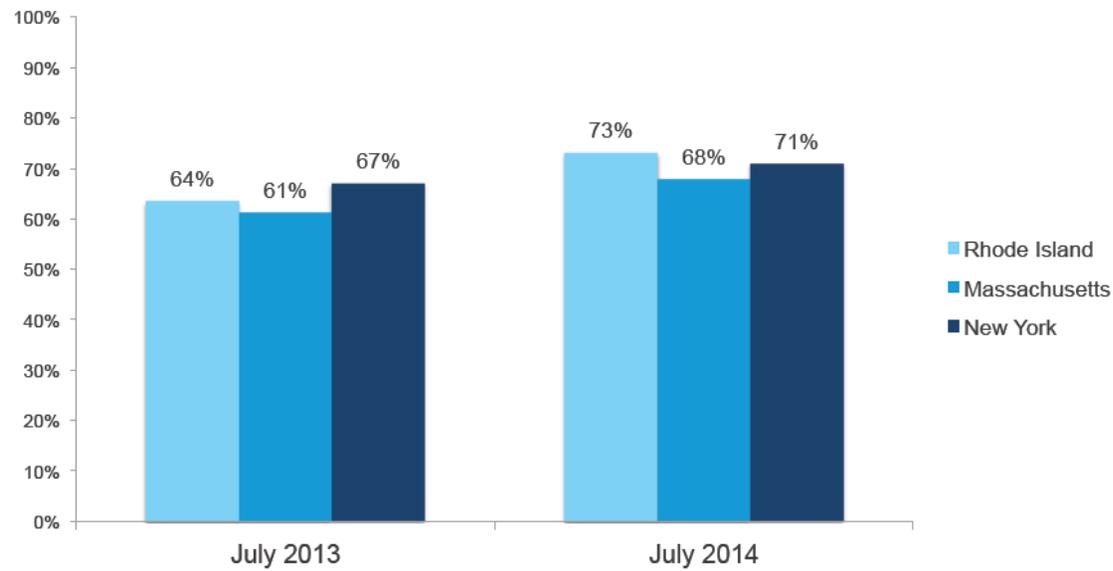


Topline read rates climbing over time

- Since the previous Customer Engagement Tracker survey in July of 2013, readership rates among the three National Grid territories have each grown by approximately 7% (11% lift over previous baseline).

Home Energy Report Reading – Waves Active in July 2013

1958 report recipient interviews surveyed in July 2014
2179 report recipient interviews surveyed in July 2013

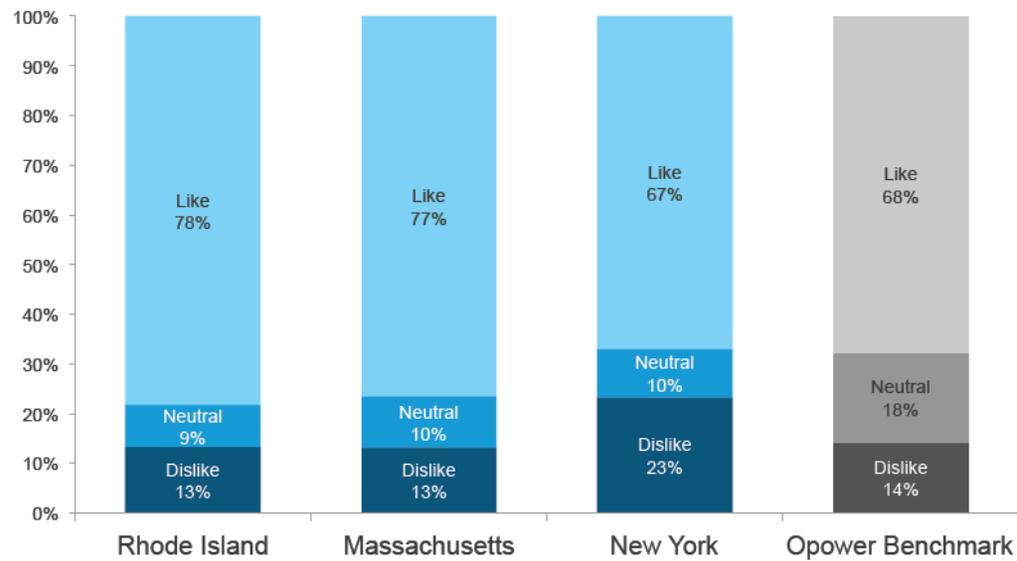


In the past year, do you remember receiving a Home Energy Report from National Grid about your in-home energy use? Please think about the last Home Energy Report that you received. What did you do with it? Did

Report liking greatly exceeds benchmark

Compared to other Opower utility partners, reports program is particularly well received, particularly in Massachusetts and Rhode Island.

Home Energy Report Liking
1583 recalling recipient interviews



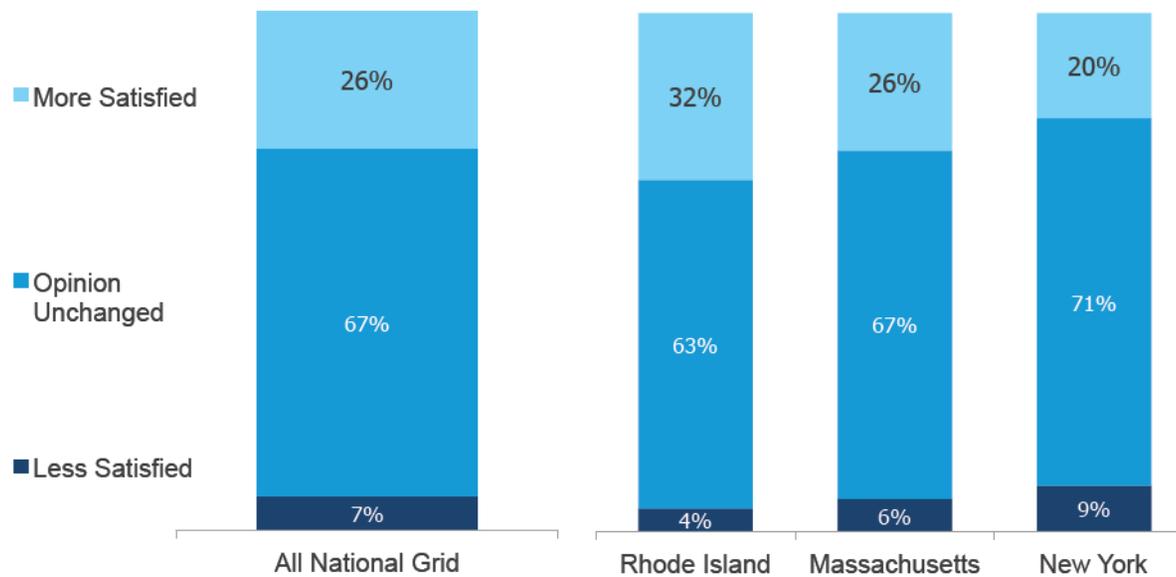
For each statement, please tell me if you strongly agree (5), somewhat agree (4), neither agree nor disagree (3), somewhat disagree (2), or strongly disagree (1): I like the Home Energy Reports.

Quarter of customers more satisfied

In total, 26% of customers say they are more satisfied with National Grid on account of receiving the report, versus only 7% reporting a decline in satisfaction. The program at Rhode Island is outperforming other deployments in this regard.

Has receiving the report made you more or less satisfied with National Grid or has your opinion not changed?

1576 interviews with individuals who remember receiving report



Has receiving the report made you more or less satisfied with National Grid or has your opinion not changed?