

March 21, 2012

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket No. 4065 Remand - Review of Capital Structure

Responses to Commission Data Requests – Set 19

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's responses to the Commission's Nineteeth Set of Data Requests in the above-captioned proceeding.

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

Very truly yours,

Thomas R. Teehan

Enclosure

cc: Docket 4065 Service List

Steve Scialabba Leo Wold, Esq. The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Responses to Commission's Nineteenth Set of Data Requests Issued March 15, 2012

Commission 19-1

Request:

Please provide bill impacts by rate class assuming the Commission approves the settlement agreement filed on March 2, 2012.

Response:

The monthly bill impact of the proposed distribution rate adjustment for each rate class is included as Attachment 1. Attachment 2 includes the derivation of each class's rate adjustment. The rate adjustment is designed in a manner consistent with the design of the Company's annual Infrastructure, Safety and Reliability CapEx adjustments. Specifically, the incremental revenue requirement of \$3.2 million is allocated to each rate class using the rate base allocator approved by the Commission in RIPUC Docket No. 4065. For rates classes G-02, G-32, G-62, B-232 and B-62, the increase in revenue requirement will be collected through an adjustment to the distribution demand charge. For all other rate classes, the adjustment will be included in the distribution kWh charge.

Prepared by or under the supervision of: Jeanne A. Lloyd

Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on A-16 Rate Customers

Monthly	Present Rates Standard			Pı	Proposed Rates Standard			Increase/(Decrease)		
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs	
120	\$21.38	\$9.45	\$11.93	\$21.45	\$9.45	\$12.00	\$0.07	0.3%	9.0%	
240	\$38.00	\$18.90	\$19.10	\$38.13	\$18.90	\$19.23	\$0.13	0.3%	15.7%	
500	\$73.97	\$39.36	\$34.61	\$74.25	\$39.36	\$34.89	\$0.28	0.4%	38.2%	
700	\$101.66	\$55.11	\$46.55	\$102.05	\$55.11	\$46.94	\$0.39	0.4%	20.2%	
950	\$136.26	\$74.79	\$61.47	\$136.79	\$74.79	\$62.00	\$0.53	0.4%	14.6%	
1,000	\$143.19	\$78.73	\$64.46	\$143.74	\$78.73	\$65.01	\$0.55	0.4%	2.3%	

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$3.75	Customer Charge		\$3.75
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01623	Transmission Energy Charge	kWh x	\$0.01623
Distribution Energy Charge	kWh x	\$0.03516	Proposed Distribution Energy Charge (1)	kWh x	\$0.03569
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07558	Standard Offer Charge	kWh x	\$0.07558

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Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on A-60 Rate Customers

Monthly		resent Rates Standard	D. II		roposed Rates Standard		Increase/(Decrease)		
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
100	\$13.28	\$7.87	\$5.41	\$13.33	\$7.87	\$5.46	\$0.05	0.4%	
200	\$25.70	\$15.75	\$9.95	\$25.81	\$15.75	\$10.06	\$0.11	0.4%	
300	\$38.12	\$23.62	\$14.50	\$38.28	\$23.62	\$14.66	\$0.16	0.4%	
500	\$62.94	\$39.36	\$23.58	\$63.22	\$39.36	\$23.86	\$0.28	0.4%	
750	\$93.99	\$59.05	\$34.94	\$94.41	\$59.05	\$35.36	\$0.42	0.4%	
1000	\$125.03	\$78.73	\$46.30	\$125.58	\$78.73	\$46.85	\$0.55	0.4%	

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$0.00	Customer Charge		\$0.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01623	Transmission Energy Charge	kWh x	\$0.01623
Distribution Energy Charge	kWh x	\$0.02148	Proposed Distribution Energy Charge (1)	kWh x	\$0.02201
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07558	Standard Offer Charge	kWh x	\$0.07558

Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on C-06 Rate Customers

Monthly	Present Rates Monthly Standard		Proposed Rates Standard			Increase/(E	Percentage		
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs
250	\$43.29	\$19.22	\$24.07	\$43.43	\$19.22	\$24.21	\$0.14	0.3%	35.2%
500	\$77.39	\$38.44	\$38.95	\$77.66	\$38.44	\$39.22	\$0.27	0.3%	17.0%
1,000	\$145.59	\$76.89	\$68.70	\$146.14	\$76.89	\$69.25	\$0.55	0.4%	19.0%
1,500	\$213.78	\$115.33	\$98.45	\$214.61	\$115.33	\$99.28	\$0.83	0.4%	9.8%
2,000	\$281.97	\$153.77	\$128.20	\$283.07	\$153.77	\$129.30	\$1.10	0.4%	19.1%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$8.00	Customer Charge		\$8.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge	kWh x	\$0.01755	Transmission Energy Charge	kWh x	\$0.01755
Distribution Energy Charge	kWh x	\$0.03366	Proposed Distribution Energy Charge (1)	kWh x	\$0.03419
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-02 Rate Customers

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	Monthly Power		Pr	esent Rates Standard			Proposed Rates Standard	Increase/(Decrease)		
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
	20	4,000	\$630.90	\$307.54	\$323.36	\$632.26	\$307.54	\$324.72	\$1.36	0.2%
	50	10,000	\$1,451.59	\$768.85	\$682.74	\$1,457.01	\$768.85	\$688.16	\$5.42	0.4%
	100	20,000	\$2,819.41	\$1,537.71	\$1,281.70	\$2,831.60	\$1,537.71	\$1,293.89	\$12.19	0.4%
	150	30,000	\$4,187.22	\$2,306.56	\$1,880.66	\$4,206.17	\$2,306.56	\$1,899.61	\$18.95	0.5%
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Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Transmission Demand Charge	kW x	\$2.64
Transmission Energy Charge	kWh x	\$0.00825	Transmission Energy Charge	kWh x	\$0.00825
Distribution Demand Charge-xcs 10 Kw	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (1)	kW x	\$4.67
Distribution Energy Charge	kWh x	\$0.00744	Distribution Energy Charge	kWh x	\$0.00744
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 300

	Monthly Power		Present Rates Standard				Proposed Rates Standard	Increase/(Decrease)		
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
-	20	6,000	\$829.67	\$461.31	\$368.36	\$831.03	\$461.31	\$369.72	\$1.36	0.2%
	50	15,000	\$1,948.52	\$1,153.28	\$795.24	\$1,953.94	\$1,153.28	\$800.66	\$5.42	0.3%
	100	30,000	\$3,813.26	\$2,306.56	\$1,506.70	\$3,825.45	\$2,306.56	\$1,518.89	\$12.19	0.3%
	150	45,000	\$5,678.00	\$3,459.84	\$2,218.16	\$5,696.95	\$3,459.84	\$2,237.11	\$18.95	0.3%

Present Rates - as of March 1, 2012			<u>Proposed Rates</u>		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Transmission Demand Charge	kW x	\$2.64
Transmission Energy Charge	kWh x	\$0.00825	Transmission Energy Charge	kWh x	\$0.00825
Distribution Demand Charge-xcs 10 Kw	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (1)	kW x	\$4.67
Distribution Energy Charge	kWh x	\$0.00744	Distribution Energy Charge	kWh x	\$0.00744
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 400

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
20	8,000	\$1,028.44	\$615.08	\$413.36	\$1,029.80	\$615.08	\$414.72	\$1.36	0.1%	
50	20,000	\$2,445.45	\$1,537.71	\$907.74	\$2,450.87	\$1,537.71	\$913.16	\$5.42	0.2%	
100	40,000	\$4,807.12	\$3,075.42	\$1,731.70	\$4,819.31	\$3,075.42	\$1,743.89	\$12.19	0.3%	
150	60,000	\$7,168.79	\$4,613.13	\$2,555.66	\$7,187.74	\$4,613.13	\$2,574.61	\$18.95	0.3%	

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Transmission Demand Charge	kW x	\$2.64
Transmission Energy Charge	kWh x	\$0.00825	Transmission Energy Charge	kWh x	\$0.00825
Distribution Demand Charge-xcs 10 Kw	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (1)	kW x	\$4.67
Distribution Energy Charge	kWh x	\$0.00744	Distribution Energy Charge	kWh x	\$0.00744
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 500

Monthly Power		Present Rates Standard				Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
20	10,000	\$1,227.21	\$768.85	\$458.36	\$1,228.57	\$768.85	\$459.72	\$1.36	0.1%
50	25,000	\$2,942.38	\$1,922.14	\$1,020.24	\$2,947.80	\$1,922.14	\$1,025.66	\$5.42	0.2%
100	50,000	\$5,800.97	\$3,844.27	\$1,956.70	\$5,813.16	\$3,844.27	\$1,968.89	\$12.19	0.2%
150	75,000	\$8,659.57	\$5,766.41	\$2,893.16	\$8,678.52	\$5,766.41	\$2,912.11	\$18.95	0.2%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Transmission Demand Charge	kW x	\$2.64
Transmission Energy Charge	kWh x	\$0.00825	Transmission Energy Charge	kWh x	\$0.00825
Distribution Demand Charge-xcs 10 Kw	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (1)	kW x	\$4.67
Distribution Energy Charge	kWh x	\$0.00744	Distribution Energy Charge	kWh x	\$0.00744
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 600

Monthly Power		Present Rates Standard				Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
20	12,000	\$1,425.99	\$922.63	\$503.36	\$1,427.35	\$922.63	\$504.72	\$1.36	0.1%
50	30,000	\$3,439.30	\$2,306.56	\$1,132.74	\$3,444.72	\$2,306.56	\$1,138.16	\$5.42	0.2%
100	60,000	\$6,794.83	\$4,613.13	\$2,181.70	\$6,807.02	\$4,613.13	\$2,193.89	\$12.19	0.2%
150	90,000	\$10,150.35	\$6,919.69	\$3,230.66	\$10,169.30	\$6,919.69	\$3,249.61	\$18.95	0.2%

Present Rates - as of March 1, 2012			<u>Proposed Rates</u>		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Transmission Demand Charge	kW x	\$2.64
Transmission Energy Charge	kWh x	\$0.00825	Transmission Energy Charge	kWh x	\$0.00825
Distribution Demand Charge-xcs 10 Kw	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (1)	kW x	\$4.67
Distribution Energy Charge	kWh x	\$0.00744	Distribution Energy Charge	kWh x	\$0.00744
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge	kWh x	\$0.07381	Standard Offer Charge	kWh x	\$0.07381

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Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates Standard			1	Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	40,000	\$5,442.53	\$3,172.08	\$2,270.45	\$5,442.53	\$3,172.08	\$2,270.45	\$0.00	0.0%
750	150,000	\$19,421.70	\$11,895.31	\$7,526.39	\$19,507.63	\$11,895.31	\$7,612.32	\$85.93	0.4%
1,000	200,000	\$25,775.87	\$15,860.42	\$9,915.45	\$25,900.87	\$15,860.42	\$10,040.45	\$125.00	0.5%
1,500	300,000	\$38,484.20	\$23,790.63	\$14,693.57	\$38,687.33	\$23,790.63	\$14,896.70	\$203.13	0.5%
2,500	500,000	\$63,900.86	\$39,651.04	\$24,249.82	\$64,260.24	\$39,651.04	\$24,609.20	\$359.38	0.6%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge - > 200 kW	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (1)	kW x	\$2.18
Distribution Energy Charge	kWh x	\$0.00883	Distribution Energy Charge	kWh x	\$0.00883
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

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Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 300

	Monthly Power		Present Rates Standard			Ī	Proposed Rates Standard	Increase/(Decrease)		
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
ľ	200	60,000	\$7,476.91	\$4,758.13	\$2,718.78	\$7,476.91	\$4,758.13	\$2,718.78	\$0.00	0.0%
	750	225,000	\$27,050.61	\$17,842.97	\$9,207.64	\$27,136.54	\$17,842.97	\$9,293.57	\$85.93	0.3%
	1,000	300,000	\$35,947.74	\$23,790.63	\$12,157.11	\$36,072.74	\$23,790.63	\$12,282.11	\$125.00	0.3%
	1,500	450,000	\$53,742.01	\$35,685.94	\$18,056.07	\$53,945.14	\$35,685.94	\$18,259.20	\$203.13	0.4%
	2,500	750,000	\$89,330.55	\$59,476.56	\$29,853.99	\$89,689.92	\$59,476.56	\$30,213.36	\$359.37	0.4%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge - > 200 kW	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (1)	kW x	\$2.18
Distribution Energy Charge	kWh x	\$0.00883	Distribution Energy Charge	kWh x	\$0.00883
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

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Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates Standard			1	Proposed Rates Standard		Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	80,000	\$9,511.28	\$6,344.17	\$3,167.11	\$9,511.28	\$6,344.17	\$3,167.11	\$0.00	0.0%
750	300,000	\$34,679.52	\$23,790.63	\$10,888.89	\$34,765.45	\$23,790.63	\$10,974.82	\$85.93	0.2%
1,000	400,000	\$46,119.61	\$31,720.83	\$14,398.78	\$46,244.61	\$31,720.83	\$14,523.78	\$125.00	0.3%
1,500	600,000	\$68,999.82	\$47,581.25	\$21,418.57	\$69,202.95	\$47,581.25	\$21,621.70	\$203.13	0.3%
2,500	1,000,000	\$114,760.24	\$79,302.08	\$35,458.16	\$115,119.61	\$79,302.08	\$35,817.53	\$359.37	0.3%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge - > 200 kW	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (1)	kW x	\$2.18
Distribution Energy Charge	kWh x	\$0.00883	Distribution Energy Charge	kWh x	\$0.00883
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

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Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 500

Monthly Power		Present Rates Standard			1	Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	100,000	\$11,545.66	\$7,930.21	\$3,615.45	\$11,545.66	\$7,930.21	\$3,615.45	\$0.00	0.0%
750	375,000	\$42,308.42	\$29,738.28	\$12,570.14	\$42,394.35	\$29,738.28	\$12,656.07	\$85.93	0.2%
1,000	500,000	\$56,291.49	\$39,651.04	\$16,640.45	\$56,416.49	\$39,651.04	\$16,765.45	\$125.00	0.2%
1,500	750,000	\$84,257.63	\$59,476.56	\$24,781.07	\$84,460.76	\$59,476.56	\$24,984.20	\$203.13	0.2%
2,500	1,250,000	\$140,189.92	\$99,127.60	\$41,062.32	\$140,549.30	\$99,127.60	\$41,421.70	\$359.38	0.3%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge - > 200 kW	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (1)	kW x	\$2.18
Distribution Energy Charge	kWh x	\$0.00883	Distribution Energy Charge	kWh x	\$0.00883
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

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Date: 20-Mar-12 Time: 02:01 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 600

	Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
İ	200	120,000	\$13,580.03	\$9,516.25	\$4,063.78	\$13,580.03	\$9,516.25	\$4,063.78	\$0.00	0.0%
	750	450,000	\$49,937.33	\$35,685.94	\$14,251.39	\$50,023.26	\$35,685.94	\$14,337.32	\$85.93	0.2%
	1,000	600,000	\$66,463.36	\$47,581.25	\$18,882.11	\$66,588.36	\$47,581.25	\$19,007.11	\$125.00	0.2%
	1,500	900,000	\$99,515.45	\$71,371.88	\$28,143.57	\$99,718.58	\$71,371.88	\$28,346.70	\$203.13	0.2%
	2,500	1,500,000	\$165,619.62	\$118,953.13	\$46,666.49	\$165,978.99	\$118,953.13	\$47,025.86	\$359.37	0.2%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge - > 200 kW	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (1)	kW x	\$2.18
Distribution Energy Charge	kWh x	\$0.00883	Distribution Energy Charge	kWh x	\$0.00883
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 200

	Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
-	3,000	600,000	\$91,096.70	\$47,581.25	\$43,515.45	\$91,377.95	\$47,581.25	\$43,796.70	\$281.25	0.3%
	5,000	1,000,000	\$140,021.69	\$79,302.08	\$60,719.61	\$140,490.44	\$79,302.08	\$61,188.36	\$468.75	0.3%
	7,500	1,500,000	\$201,177.95	\$118,953.13	\$82,224.82	\$201,881.08	\$118,953.13	\$82,927.95	\$703.13	0.3%
	10,000	2,000,000	\$262,334.20	\$158,604.17	\$103,730.03	\$263,271.70	\$158,604.17	\$104,667.53	\$937.50	0.4%
	20,000	4,000,000	\$506,959.19	\$317,208.33	\$189,750.86	\$508,834.19	\$317,208.33	\$191,625.86	\$1,875.00	0.4%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge	kW x	\$2.86	Proposed Distribution Demand Charge (1)	kW x	\$2.95
Distribution Energy Charge	kWh x	\$0.00010	Distribution Energy Charge	kWh x	\$0.00010
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 300

	Monthly Power			Present Rates Standard		Proposed Rates Standard			Increase/(Decrease)	
kW		kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3	3,000	900,000	\$118,884.20	\$71,371.88	\$47,512.32	\$119,165.45	\$71,371.88	\$47,793.57	\$281.25	0.2%
	5,000	1,500,000	\$186,334.20	\$118,953.13	\$67,381.07	\$186,802.95	\$118,953.13	\$67,849.82	\$468.75	0.3%
,	7,500	2,250,000	\$270,646.70	\$178,429.69	\$92,217.01	\$271,349.83	\$178,429.69	\$92,920.14	\$703.13	0.3%
10	0,000	3,000,000	\$354,959.20	\$237,906.25	\$117,052.95	\$355,896.70	\$237,906.25	\$117,990.45	\$937.50	0.3%
20	0,000	6,000,000	\$692,209.20	\$475,812.50	\$216,396.70	\$694,084.20	\$475,812.50	\$218,271.70	\$1,875.00	0.3%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge	kW x	\$2.86	Proposed Distribution Demand Charge (1)	kW x	\$2.95
Distribution Energy Charge	kWh x	\$0.00010	Distribution Energy Charge	kWh x	\$0.00010
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 400

	Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
F	3,000	1,200,000	\$146,671.70	\$95,162.50	\$51,509.20	\$146,952.95	\$95,162.50	\$51,790.45	\$281.25	0.2%
	5,000	2,000,000	\$232,646.70	\$158,604.17	\$74,042.53	\$233,115.45	\$158,604.17	\$74,511.28	\$468.75	0.2%
	7,500	3,000,000	\$340,115.45	\$237,906.25	\$102,209.20	\$340,818.57	\$237,906.25	\$102,912.32	\$703.12	0.2%
	10,000	4,000,000	\$447,584.19	\$317,208.33	\$130,375.86	\$448,521.69	\$317,208.33	\$131,313.36	\$937.50	0.2%
	20,000	8,000,000	\$877,459.20	\$634,416.67	\$243,042.53	\$879,334.20	\$634,416.67	\$244,917.53	\$1,875.00	0.2%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge	kW x	\$2.86	Proposed Distribution Demand Charge (1)	kW x	\$2.95
Distribution Energy Charge	kWh x	\$0.00010	Distribution Energy Charge	kWh x	\$0.00010
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

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Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,500,000	\$174,459.20	\$118,953.13	\$55,506.07	\$174,740.45	\$118,953.13	\$55,787.32	\$281.25	0.2%
5,000	2,500,000	\$278,959.20	\$198,255.21	\$80,703.99	\$279,427.95	\$198,255.21	\$81,172.74	\$468.75	0.2%
7,500	3,750,000	\$409,584.20	\$297,382.81	\$112,201.39	\$410,287.32	\$297,382.81	\$112,904.51	\$703.12	0.2%
10,000	5,000,000	\$540,209.20	\$396,510.42	\$143,698.78	\$541,146.70	\$396,510.42	\$144,636.28	\$937.50	0.2%
20,000	10,000,000	\$1,062,709.19	\$793,020.83	\$269,688.36	\$1,064,584.19	\$793,020.83	\$271,563.36	\$1,875.00	0.2%

Present Rates - as of March 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge	kW x	\$2.86	Proposed Distribution Demand Charge (1)	kW x	\$2.95
Distribution Energy Charge	kWh x	\$0.00010	Distribution Energy Charge	kWh x	\$0.00010
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

Date: 20-Mar-12 Time: 02:01 PM Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 600

Mor Powe	•	1	Present Rates Standard		Proposed Rates Standard			Increase/(I	Decrease)
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,800,000	\$202,246.70	\$142,743.75	\$59,502.95	\$202,527.95	\$142,743.75	\$59,784.20	\$281.25	0.1%
5,000	3,000,000	\$325,271.70	\$237,906.25	\$87,365.45	\$325,740.45	\$237,906.25	\$87,834.20	\$468.75	0.1%
7,500	4,500,000	\$479,052.95	\$356,859.38	\$122,193.57	\$479,756.08	\$356,859.38	\$122,896.70	\$703.13	0.1%
10,000	6,000,000	\$632,834.20	\$475,812.50	\$157,021.70	\$633,771.70	\$475,812.50	\$157,959.20	\$937.50	0.1%
20,000	12,000,000	\$1,247,959.20	\$951,625.00	\$296,334.20	\$1,249,834.20	\$951,625.00	\$298,209.20	\$1,875.00	0.2%

Present Rates - as of March 1, 2012			<u>Proposed Rates</u>		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Transmission Demand Charge	kW x	\$2.84
Transmission Energy Charge	kWh x	\$0.00678	Transmission Energy Charge	kWh x	\$0.00678
Distribution Demand Charge	kW x	\$2.86	Proposed Distribution Demand Charge (1)	kW x	\$2.95
Distribution Energy Charge	kWh x	\$0.00010	Distribution Energy Charge	kWh x	\$0.00010
Transition Energy Charge	kWh x	(\$0.00031)	Transition Energy Charge	kWh x	(\$0.00031)
Energy Efficiency Program Charge	kWh x	\$0.00622	Energy Efficiency Program Charge	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge	kWh x	\$0.07613	Standard Offer Charge	kWh x	\$0.07613

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-1 Attachment 2 Page 1 of 2

The Narragansett Electric Company Adjustments to Distribution Rates

Line No.		<u>A16 / A60</u> (a)	<u>A60</u>	<u>C-06</u> (b)	<u>G-02</u> (c)	B32 / G32 (d)	<u>B62 / G62</u> (e)	S10 / S14 (f)
(1)	Current Distribution kWh Charge	\$0.03363	\$0.01995	\$0.03204	\$0.00623	\$0.00818	\$0.00009	(\$0.00683)
(2)	Current Distribution kW Charge	n/a	n/a	n/a	\$ 4.50	\$ 2.00	\$2.48	n/a
(3)	Distribution kWh Charge Adjustment	\$0.00053	\$0.00053	\$0.00053	n/a	n/a	n/a	\$0.00254
(4)	Distribution kW Charge Adjustment	n/a	n/a	n/a	\$0.13	\$0.15	\$0.09	n/a
(5)	Proposed Distribution kWh Charge	\$0.03416	\$0.02048	\$0.03257	\$0.00623	\$0.00818	n/a	(\$0.00429)
(6)	Proposed Distribution kW Charge	n/a	n/a	n/a	\$4.63	\$2.15	\$2.57	n/a

- (1) per Current Tariff
- (2) per Current Tariff
- (3) Page 2, Line 6
- (4) Page 2, Line 8
- (5) Line 1 + Line 3
- (6) Line 2 + Line 4

The Narragansett Electric Co. Adjustments to Distribution Rates

Line No	D.	Total (a)	Residential A16 / A60 (b)	Small C&I <u>C-06</u> (c)	General C&I <u>G-02</u> (d)	200 kW Demand <u>B32 / G32</u> (e)	3000 kW Demand B62 / G62 (f)	Lighting S10 / S14 (g)	Propulsion X-01 (h)
(1)	Adjustment to Distribution Revenue Requirement	\$3,195,027							
(2)	Total Rate Base (\$000s)	\$550,864	\$278,750	\$50,517	\$90,429	\$76,427	\$22,285	\$29,950	\$2,505
(3)	Percentage of Total	100.00%	50.60%	9.17%	16.42%	13.87%	4.05%	5.44%	0.45%
(4)	Allocated Revenue Requirement	\$3,195,027	\$1,616,760	\$293,001	\$524,492	\$443,280	\$129,254	\$173,711	\$14,530
(5)	Rate Year (2010) Billing Units (kWh) - Docket No. 4065	7,662,968,634	3,037,613,124	552,428,873	1,371,693,627	2,041,538,285	565,377,847	68,381,640	25,935,238
(6)	Distribution kWh Charge Adjustment		\$0.00053	\$0.00053	n/a	n/a	n/a	\$0.00254	\$0.00056
(7)	Rate Year (2010) Billing Units (kW) per - Docket No. 4065				3,747,594	2,803,514	1,301,916.00		
(8)	Distribution kW Charge Adjustment		n/a	n/a	\$0.13	\$0.15	\$0.09	n/a	n/a

Line No.

- No.
 (1) per Appendix A, Docket 4065 Capital Structure Remand Settlement
 (2) per R.I.P.U.C. 4065 Schedule NG-HSG-1 (C) 2nd Amended, page 4, line 51
 (3) Line (2) ÷ Line (2) Total Column
 (4) Line (1) Total Column * Line (3)
 (5) per R.I.P.U.C. 4065 Schedule NG-HSG-1 (C) 2nd Amended, page 12, kWh Deliveries column, Lines 1 through 7
 (6) per R.I.P.U.C. 4065 Schedule NG-HSG-1 (C) 2nd Amended, page 12, Prorated Billing Demand column, Lines 1 through 7
 (7) per Company forecasts
 (8) For demand-based rate classes, Line (4) ÷ Line (7), truncated to 2 decimal places
 Note: charges apply to kW>10 for rate class G-02 and kW>200 for rate class B32/G32

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Responses to Commission's Nineteenth Set of Data Requests Issued March 15, 2012

Commission 19-2

Request:

Please provide bill impacts by rate class assuming that all pending dockets before the Commission are approved (Dockets 4065, 4307, 4308, 4227, 4314). Also, include the rate impact of the recently approved SRP charge (Docket 4296).

Response:

Please see Attachment 1 for individual rate class bill impacts of all rate changes proposed in Dockets 4065, 4307, 4308, 4227, 4314, plus the impact of the recently approved SRP charge effective March 1, 2012.

Prepared by or under the supervision of: Jeanne A. Lloyd

Page 1 of 18

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on A-16 Rate Customers

Monthly	Present Rates Standard			Proposed Rates Standard			Increase/(D	Percentage	
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs
120	\$21.38	\$9.45	\$11.93	\$22.45	\$9.85	\$12.60	\$1.07	5.0%	9.0%
240	\$37.99	\$18.90	\$19.09	\$40.14	\$19.71	\$20.43	\$2.15	5.7%	15.7%
500	\$73.96	\$39.36	\$34.60	\$78.45	\$41.05	\$37.40	\$4.49	6.1%	38.2%
700	\$101.64	\$55.11	\$46.53	\$107.92	\$57.47	\$50.45	\$6.28	6.2%	20.2%
950	\$136.23	\$74.79	\$61.44	\$144.77	\$78.00	\$66.77	\$8.54	6.3%	14.6%
1,000	\$143.16	\$78.73	\$64.43	\$152.13	\$82.10	\$70.03	\$8.97	6.3%	2.3%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$3.75	Customer Charge		\$3.75
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge (1)	kWh x	\$0.01623	Proposed Transmission Energy Charge (2)	kWh x	\$0.01942
Distribution Energy Charge (3)	kWh x	\$0.03516	Proposed Distribution Energy Charge (4)	kWh x	\$0.03638
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(5)	kWh x	\$0.00619	Energy Efficiency Program Charge(6)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (7)	kWh x	\$0.07558	Proposed Standard Offer Charge (8)	kWh x	\$0.07882

 $Note (1): Includes \ Base \ Transmission \ Charge \ of \$0.01593/kWh, \ Transmission \ Adjustment \ Factor \ of \$0.00015/kWh \ and \ Transmission \ Uncollectible \ Factor \ of \$0.00015/kWh$

Note (2): Includes Proposed Base Transmission Charge of \$0.01950/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00018/kWh

Note~(3):~Includes~Net~Metering~Charge~of~\$0.00001/kWh,~O&M~Factor~of~\$0.00141/kWh,~and~CapEx~Factor~of~\$0.00011/kWh,~O&M~Factor~of~\$0.00141/kWh,~and~CapEx~Factor~of~\$0.00011/kWh,~O&M~Factor~of~\$0.00141/kWh,~and~CapEx~Factor~of~\$0.00011/kWh,~O&M~Factor~of~\$0.00141/kWh,~and~CapEx~Factor~of~\$0.00011/kWh,~O&M~Factor~of~\$0.0011/kWh,~O&M~Factor~o

 $Note \ (4): Includes proposed \ Net Metering \ Charge \ of \$0/kWh, Proposed \ Long-term \ contracting \ charge \ of \$0.0007/kWh, Proposed \ O\&M \ Factor \ of \$0.00159/kWh, Proposed \ CapEx \ Factor \ of \$0.00056/kWh, and Proposed \ Capital \ Structure \ Adjustment \ of \$0.00053/kWh$

Note (5): Excludes the SRP Charge

Note (6): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (7): Includes Standard Offer Service Charge of 0.07492/kWh, Standard Offer Adjustment Factor of 0.00041/kWh, Standard Offer Service Administrative Cost Factor of 0.00138/kWh, and Renewable Energy Standard Credit of 0.00031/kWh

Note (8): Includes Standard Offer Service Charge of \$0.07492/kWh, Proposed Standard Offer Adjustment Factor of \$0.00016/kWh, Proposed Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Proposed Renewable Energy Standard Charge of \$0.00253/kWh

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on A-60 Rate Customers

Monthly	F	resent Rates Standard		P	roposed Rates Standard	Increase/(Decrease)		
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
100	\$13.28	\$7.87	\$5.41	\$14.18	\$8.21	\$5.97	\$0.90	6.8%
200	\$25.70	\$15.75	\$9.95	\$27.49	\$16.42	\$11.07	\$1.79	7.0%
300	\$38.11	\$23.62	\$14.49	\$40.80	\$24.63	\$16.17	\$2.69	7.1%
500	\$62.93	\$39.36	\$23.57	\$67.42	\$41.05	\$26.37	\$4.49	7.1%
750	\$93.97	\$59.05	\$34.92	\$100.70	\$61.58	\$39.12	\$6.73	7.2%
1000	\$125.00	\$78.73	\$46.27	\$133.98	\$82.10	\$51.88	\$8.98	7.2%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$0.00	Customer Charge		\$0.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge (1)	kWh x	\$0.01623	Proposed Transmission Energy Charge (2)	kWh x	\$0.01942
Distribution Energy Charge (3)	kWh x	\$0.02148	Proposed Distribution Energy Charge (4)	kWh x	\$0.02270
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(5)	kWh x	\$0.00619	Energy Efficiency Program Charge(6)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (7)	kWh x	\$0.07558	Proposed Standard Offer Charge (8)	kWh x	\$0.07882

 $Note (1): Includes \ Base \ Transmission \ Charge \ of \$0.01593/kWh, \ Transmission \ Adjustment \ Factor \ of \$0.00015/kWh \ and \ Transmission \ Uncollectible \ Factor \ of \$0.00015/kWh$

Note (2): Includes Proposed Base Transmission Charge of \$0.01950/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00018/kWh

Note (3): Includes Net Metering Charge of \$0.0001/kWh, O&M Factor of \$0.00141/kWh, and CapEx Factor of \$0.00011/kWh

 $Note \ (4): Includes proposed \ Net Metering \ Charge \ of \$0/kWh, Proposed \ Long-term \ contracting \ charge \ of \$0.0007/kWh, Proposed \ O\&M \ Factor \ of \$0.00159/kWh, Proposed \ CapEx \ Factor \ of \$0.00056/kWh, and Proposed \ Capital \ Structure \ Adjustment \ of \$0.00053/kWh$

Note (5): Excludes the SRP Charge

Note (6): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (7): Includes Standard Offer Service Charge of \$0.07492/kWh, Standard Offer Adjustment Factor of (\$0.00041)/kWh, Standard Offer Service Administrative Cost Factor of \$0.00138/kWh, and Renewable Energy Standard Credit of \$(0.00031)/kWh

Note (8): Includes Standard Offer Service Charge of \$0.07492/kWh, Proposed Standard Offer Adjustment Factor of \$0.00016/kWh, Proposed Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Proposed Renewable Energy Standard Charge of \$0.00253/kWh

Page 3 of 18

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on C-06 Rate Customers

Monthly	F	Present Rates Standard		P	roposed Rates Standard		Increase/(E	Decrease)	Percentage
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs
250	\$43.29	\$19.22	\$24.07	\$45.18	\$20.34	\$24.84	\$1.89	4.4%	35.2%
500	\$77.37	\$38.44	\$38.93	\$81.15	\$40.67	\$40.48	\$3.78	4.9%	17.0%
1,000	\$145.56	\$76.89	\$68.67	\$153.10	\$81.34	\$71.76	\$7.54	5.2%	19.0%
1,500	\$213.73	\$115.33	\$98.40	\$225.06	\$122.02	\$103.04	\$11.33	5.3%	9.8%
2,000	\$281.91	\$153.77	\$128.14	\$297.01	\$162.69	\$134.32	\$15.10	5.4%	19.1%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$8.00	Customer Charge		\$8.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Energy Charge (1)	kWh x	\$0.01755	Proposed Transmission Energy Charge (2)	kWh x	\$0.01838
Distribution Energy Charge (3)	kWh x	\$0.03366	Proposed Distribution Energy Charge (4)	kWh x	\$0.03483
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(5)	kWh x	\$0.00619	Energy Efficiency Program Charge(6)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (7)	kWh x	\$0.07381	Proposed Standard Offer Charge (8)	kWh x	\$0.07809

Note~(1):~Includes~Transmission~Base~Charge~of~\$0.01724/kWh,~Transmission~Adjustment~Factor~of~\$0.00015/kWh~and~Transmission~Uncollectible~Factor~of~\$0.00016/kWh

Note~(2):~Includes~Proposed~Transmission~Base~Charge~of~\$0.01847/kWh,~Proposed~Transmission~Adjustment~Factor~of~(\$0.00026)/kWh~and~Proposed~Transmission~Uncollectible~Factor~of~\$0.00017/kWh

Note (3): Includes Net Metering Charge of \$0.0001/kWh, O&M Factor of \$0.00141/kWh, and CapEx Factor of \$0.00011/kWh

Note (4): Includes proposed Net Metering Charge of \$0/kWh, Proposed Long-term contracting charge of \$0.0007/kWh, Proposed O&M Factor of \$0.00166/kWh, Proposed CapEx Factor of \$0.00053/kWh, and Proposed Capital Structure Adjustment of \$0.00053/kWh

Note (5): Excludes the SRP Charge

Note (6): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (7): Includes Standard Offer Service Charge of \$0.07257/kWh Standard Offer Adjustment Factor of \$0.00027/kWh, Standard Offer Service Administrative Cost Factor of \$0.00128/kWh, and Renewable Energy Standard Credit of \$(0.00031)/kWh

Note (8): Includes Standard Offer Service Charge of \$0.07257/kWhProposed Standard Offer Adjustment Factor of \$0.00184/kWh, Proposed Standard Offer Service Administrative Cost Factor of \$0.00115/kWh, and Proposed Renewable Energy Standard Charge of \$0.00253/kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 4 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 200

	Monthly l	Power		Present Rates Standard			Proposed Rates Standard		Increase/(Decrease)		
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
ı	20	4,000	\$630.78	\$307.54	\$323.24	\$657.70	\$325.38	\$332.32	\$26.92	4.3%	
	50	10,000	\$1,451.28	\$768.85	\$682.43	\$1,522.33	\$813.44	\$708.89	\$71.05	4.9%	
	100	20,000	\$2,818.78	\$1,537.71	\$1,281.07	\$2,963.37	\$1,626.88	\$1,336.49	\$144.59	5.1%	
	150	30,000	\$4,186.28	\$2,306.56	\$1,879.72	\$4,404.40	\$2,440.31	\$1,964.09	\$218.12	5.2%	

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Proposed Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge (1)	kWh x	\$0.00825	Proposed Transmission Energy Charge (2)	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW (3)	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (4)	kW x	\$4.78
Distribution Energy Charge (5)	kWh x	\$0.00744	Proposed Distribution Energy Charge (6)	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (9)	kWh x	\$0.07381	Proposed Standard Offer Charge (10)	kWh x	\$0.07809

Note (1): Includes Base Transmission Charge of \$0.00795/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00015/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00846/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00015/kWh

Note (3): Includes CapEx kW Charge of \$0.04/kW

Note (4): Includes Proposed CapEx Factor of \$0.15/kW and Proposed Capital Structure Adjustment of \$0.13/kW

Note (5): Includes Net Metering Charge of 0.00001/kWh and O&M Factor of 0.00120/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh, and Proposed O&M Factor of \$0.00135 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003/kWh effective 3/1/2012

Note (9): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00027/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00128 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 5 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 300

Monthly	Power		Present Rates Standard			Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
20	6,000	\$829.49	\$461.31	\$368.18	\$867.99	\$488.06	\$379.93	\$38.50	4.6%
50	15,000	\$1,948.05	\$1,153.28	\$794.77	\$2,048.06	\$1,220.16	\$827.90	\$100.01	5.1%
100	30,000	\$3,812.32	\$2,306.56	\$1,505.76	\$4,014.82	\$2,440.31	\$1,574.51	\$202.50	5.3%
150	45,000	\$5,676.59	\$3,459.84	\$2,216.75	\$5,981.60	\$3,660.47	\$2,321.13	\$305.01	5.4%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Proposed Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge (1)	kWh x	\$0.00825	Proposed Transmission Energy Charge (2)	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW (3)	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (4)	kW x	\$4.78
Distribution Energy Charge (5)	kWh x	\$0.00744	Proposed Distribution Energy Charge (6)	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (9)	kWh x	\$0.07381	Proposed Standard Offer Charge (10)	kWh x	\$0.07809

Note (1): Includes Base Transmission Charge of \$0.00795/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00015/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00846/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00015/kWh

Note (3): Includes CapEx kW Charge of \$0.04/kW

Note (4): Includes Proposed CapEx Factor of \$0.15/kW and Proposed Capital Structure Adjustment of \$0.13/kW

Note (5): Includes Net Metering Charge of 0.00001/kWh and O&M Factor of 0.00120/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh, and Proposed O&M Factor of \$0.00135 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00027/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00128 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 6 of 18

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 400

Monthly	Power	Present Rates Standard				Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
20	8,000	\$1,028.19	\$615.08	\$413.11	\$1,078.28	\$650.75	\$427.53	\$50.09	4.9%
50	20,000	\$2,444.82	\$1,537.71	\$907.11	\$2,573.79	\$1,626.88	\$946.91	\$128.97	5.3%
100	40,000	\$4,805.87	\$3,075.42	\$1,730.45	\$5,066.28	\$3,253.75	\$1,812.53	\$260.41	5.4%
150	60,000	\$7,166.91	\$4,613.13	\$2,553.78	\$7,558.79	\$4,880.63	\$2,678.16	\$391.88	5.5%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Proposed Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge (1)	kWh x	\$0.00825	Proposed Transmission Energy Charge (2)	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW (3)	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (4)	kW x	\$4.78
Distribution Energy Charge (5)	kWh x	\$0.00744	Proposed Distribution Energy Charge (6)	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (9)	kWh x	\$0.07381	Proposed Standard Offer Charge (10)	kWh x	\$0.07809

Note (1): Includes Base Transmission Charge of \$0.00795/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00015/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00846/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00015/kWh

Note (3): Includes CapEx kW Charge of \$0.04/kW

Note (4): Includes Proposed CapEx Factor of \$0.15/kW and Proposed Capital Structure Adjustment of \$0.13/kW

Note (5): Includes Net Metering Charge of 0.00001/kWh and O&M Factor of 0.00120/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh, and Proposed O&M Factor of \$0.00135 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003/kWh effective 3/1/2012

Note (9): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00027/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00128 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 7 of 18

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 500

Monthly 1	Power	Present Rates Standard				Proposed Rates Standard	Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
20	10,000	\$1,226.90	\$768.85	\$458.05	\$1,288.58	\$813.44	\$475.14	\$61.68	5.0%
50	25,000	\$2,941.60	\$1,922.14	\$1,019.46	\$3,099.51	\$2,033.59	\$1,065.92	\$157.91	5.4%
100	50,000	\$5,799.41	\$3,844.27	\$1,955.14	\$6,117.74	\$4,067.19	\$2,050.55	\$318.33	5.5%
150	75,000	\$8,657.22	\$5,766.41	\$2,890.81	\$9,135.97	\$6,100.78	\$3,035.19	\$478.75	5.5%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Proposed Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge (1)	kWh x	\$0.00825	Proposed Transmission Energy Charge (2)	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW (3)	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (4)	kW x	\$4.78
Distribution Energy Charge (5)	kWh x	\$0.00744	Proposed Distribution Energy Charge (6)	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (9)	kWh x	\$0.07381	Proposed Standard Offer Charge (10)	kWh x	\$0.07809

Note (1): Includes Base Transmission Charge of \$0.00795/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00015/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00846/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00015/kWh

Note (3): Includes CapEx kW Charge of \$0.04/kW

Note (4): Includes Proposed CapEx Factor of \$0.15/kW and Proposed Capital Structure Adjustment of \$0.13/kW

Note (5): Includes Net Metering Charge of 0.00001/kWh and O&M Factor of 0.00120/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh, and Proposed O&M Factor of \$0.00135 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00027/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00128 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 8 of 18

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Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-02 Rate Customers

Hours Use: 600

	Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
	kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
ľ	20	12,000	\$1,425.62	\$922.63	\$502.99	\$1,498.87	\$976.13	\$522.74	\$73.25	5.1%
	50	30,000	\$3,438.36	\$2,306.56	\$1,131.80	\$3,625.24	\$2,440.31	\$1,184.93	\$186.88	5.4%
	100	60,000	\$6,792.95	\$4,613.13	\$2,179.82	\$7,169.20	\$4,880.63	\$2,288.57	\$376.25	5.5%
	150	90,000	\$10,147.53	\$6,919.69	\$3,227.84	\$10,713.16	\$7,320.94	\$3,392.22	\$565.63	5.6%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$125.00	Customer Charge		\$125.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.64	Proposed Transmission Demand Charge	kW x	\$2.70
Transmission Energy Charge (1)	kWh x	\$0.00825	Proposed Transmission Energy Charge (2)	kWh x	\$0.00835
Distribution Demand Charge-xcs 10 kW (3)	kW x	\$4.54	Proposed Distribution Demand Charge-xcs 10 kW (4)	kW x	\$4.78
Distribution Energy Charge (5)	kWh x	\$0.00744	Proposed Distribution Energy Charge (6)	kWh x	\$0.00765
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (9)	kWh x	\$0.07381	Proposed Standard Offer Charge (10)	kWh x	\$0.07809

Note (1): Includes Base Transmission Charge of \$0.00795/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00015/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00846/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00015/kWh

Note (3): Includes CapEx kW Charge of \$0.04/kW

Note (4): Includes Proposed CapEx Factor of \$0.15/kW and Proposed Capital Structure Adjustment of \$0.13/kW

Note (5): Includes Net Metering Charge of 0.00001/kWh and O&M Factor of 0.00120/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh, and Proposed O&M Factor of \$0.00135 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00027/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00128 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 9 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	40,000	\$5,441.28	\$3,172.08	\$2,269.20	\$4,243.78	\$1,924.58	\$2,319.20	(\$1,197.50)	-22.0%
750	150,000	\$19,417.01	\$11,895.31	\$7,521.70	\$15,075.35	\$7,217.19	\$7,858.16	(\$4,341.66)	-22.4%
1,000	200,000	\$25,769.62	\$15,860.42	\$9,909.20	\$19,998.78	\$9,622.92	\$10,375.86	(\$5,770.84)	-22.4%
1,500	300,000	\$38,474.83	\$23,790.63	\$14,684.20	\$29,845.66	\$14,434.38	\$15,411.28	(\$8,629.17)	-22.4%
2,500	500,000	\$63,885.24	\$39,651.04	\$24,234.20	\$49,539.40	\$24,057.29	\$25,482.11	(\$14,345.84)	-22.5%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW (3)	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (4)	kW x	\$2.29
Distribution Energy Charge (5)	kWh x	\$0.00883	Proposed Distribution Energy Charge (6)	kWh x	\$0.00898
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Base Transmission Charge of \$0.0065/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes CapEx kW Charge of \$0.03/kW

Note (4): Includes Proposed CapEx Factor of \$0.14/kW and Proposed Capital Structure Adjustment of \$0.15/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh and O&M Factor of \$0.00064/kWh

Note (6): Includes proposed Net Metering Charge of \$0.0000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh and Proposed O&M Factor of \$0.00073 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Service Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 10 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	60,000	\$7,475.04	\$4,758.13	\$2,716.91	\$5,670.45	\$2,886.88	\$2,783.57	(\$1,804.59)	-24.1%
750	225,000	\$27,043.57	\$17,842.97	\$9,200.60	\$20,425.34	\$10,825.78	\$9,599.56	(\$6,618.23)	-24.5%
1,000	300,000	\$35,938.37	\$23,790.63	\$12,147.74	\$27,132.12	\$14,434.38	\$12,697.74	(\$8,806.25)	-24.5%
1,500	450,000	\$53,727.95	\$35,685.94	\$18,042.01	\$40,545.65	\$21,651.56	\$18,894.09	(\$13,182.30)	-24.5%
2,500	750,000	\$89,307.11	\$59,476.56	\$29,830.55	\$67,372.74	\$36,085.94	\$31,286.80	(\$21,934.37)	-24.6%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW (3)	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (4)	kW x	\$2.29
Distribution Energy Charge (5)	kWh x	\$0.00883	Proposed Distribution Energy Charge (6)	kWh x	\$0.00898
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Base Transmission Charge of \$0.0065/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes CapEx kW Charge of \$0.03/kW

Note (4): Includes Proposed CapEx Factor of \$0.14/kW and Proposed Capital Structure Adjustment of \$0.15/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh and O&M Factor of \$0.00064/kWh

 $Note (6): \ Includes \ proposed \ Net \ Metering \ Charge \ of \$0.00000/kWh, \ Proposed \ Long-term \ contracting \ charge \ of \$0.00007/kWh \ and \ Proposed \ O\&M \ Factor \ of \$0.0007/kWh$

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Service Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 11 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	80,000	\$9,508.78	\$6,344.17	\$3,164.61	\$7,097.12	\$3,849.17	\$3,247.95	(\$2,411.66)	-25.4%
750	300,000	\$34,670.14	\$23,790.63	\$10,879.51	\$25,775.35	\$14,434.38	\$11,340.97	(\$8,894.79)	-25.7%
1,000	400,000	\$46,107.11	\$31,720.83	\$14,386.28	\$34,265.44	\$19,245.83	\$15,019.61	(\$11,841.67)	-25.7%
1,500	600,000	\$68,981.07	\$47,581.25	\$21,399.82	\$51,245.66	\$28,868.75	\$22,376.91	(\$17,735.41)	-25.7%
2,500	1,000,000	\$114,728.99	\$79,302.08	\$35,426.91	\$85,206.07	\$48,114.58	\$37,091.49	(\$29,522.92)	-25.7%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW (3)	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (4)	kW x	\$2.29
Distribution Energy Charge (5)	kWh x	\$0.00883	Proposed Distribution Energy Charge (6)	kWh x	\$0.00898
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Base Transmission Charge of \$0.0065/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes CapEx kW Charge of \$0.03/kW

Note~(4):~Includes~Proposed~CapEx~Factor~of~\$0.14/kW~and~Proposed~Capital~Structure~Adjustment~of~\$0.15/kW~and~Proposed~Capital~Structure~Adjustment~Of~\$0.15/kW~and~Proposed~Capital~Structure~Adjustment~Of~\$0

Note (5): Includes Net Metering Charge of \$0.00001/kWh and O&M Factor of \$0.00064/kWh

Note (6): Includes proposed Net Metering Charge of \$0.0000/kWh, Proposed Long-term contracting charge of \$0.00007/kWh and Proposed O&M Factor of \$0.00073 /kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Service Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 12 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 500

Monthly I	Power	Present Rates Standard			Proposed Rates Standard			Increase/(De	ecrease)
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	100,000	\$11,542.53	\$7,930.21	\$3,612.32	\$8,523.78	\$4,811.46	\$3,712.32	(\$3,018.75)	-26.2%
750	375,000	\$42,296.70	\$29,738.28	\$12,558.42	\$31,125.35	\$18,042.97	\$13,082.38	(\$11,171.35)	-26.4%
1,000	500,000	\$56,275.86	\$39,651.04	\$16,624.82	\$41,398.78	\$24,057.29	\$17,341.49	(\$14,877.08)	-26.4%
1,500	750,000	\$84,234.20	\$59,476.56	\$24,757.64	\$61,945.66	\$36,085.94	\$25,859.72	(\$22,288.54)	-26.5%
2,500	1,250,000	\$140,150.86	\$99,127.60	\$41,023.26	\$103,039.41	\$60,143.23	\$42,896.18	(\$37,111.45)	-26.5%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW (3)	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (4)	kW x	\$2.29
Distribution Energy Charge (5)	kWh x	\$0.00883	Proposed Distribution Energy Charge (6)	kWh x	\$0.00898
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Base Transmission Charge of \$0.0065/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes CapEx kW Charge of \$0.03/kW

Note (4): Includes Proposed CapEx Factor of \$0.14/kW and Proposed Capital Structure Adjustment of \$0.15/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh and O&M Factor of \$0.00064/kWh

 $Note (6): \ Includes \ proposed \ Net \ Metering \ Charge \ of \$0.00000/kWh, \ Proposed \ Long-term \ contracting \ charge \ of \$0.00007/kWh \ and \ Proposed \ O\&M \ Factor \ of \$0.0007/kWh$

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Service Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Time: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-32 Rate Customers

Hours Use: 600

Monthly I	Power		Present Rates Standard			Proposed Rates Standard		Increase/(De	ecrease)
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	120,000	\$13,576.28	\$9,516.25	\$4,060.03	\$9,950.45	\$5,773.75	\$4,176.70	(\$3,625.83)	-26.7%
750	450,000	\$49,923.26	\$35,685.94	\$14,237.32	\$36,475.34	\$21,651.56	\$14,823.78	(\$13,447.92)	-26.9%
1,000	600,000	\$66,444.61	\$47,581.25	\$18,863.36	\$48,532.11	\$28,868.75	\$19,663.36	(\$17,912.50)	-27.0%
1,500	900,000	\$99,487.33	\$71,371.88	\$28,115.45	\$72,645.66	\$43,303.13	\$29,342.53	(\$26,841.67)	-27.0%
2,500	1,500,000	\$165,572.74	\$118,953.13	\$46,619.61	\$120,872.74	\$72,171.88	\$48,700.86	(\$44,700.00)	-27.0%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$750.00	Customer Charge		\$750.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge - > 200 kW (3)	kW x	\$2.03	Proposed Distribution Demand Charge - > 200 kW (4)	kW x	\$2.29
Distribution Energy Charge (5)	kWh x	\$0.00883	Proposed Distribution Energy Charge (6)	kWh x	\$0.00898
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Base Transmission Charge of \$0.0065/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Base Transmission Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of (\$0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes CapEx kW Charge of \$0.03/kW

Note (4): Includes Proposed CapEx Factor of \$0.14/kW and Proposed Capital Structure Adjustment of \$0.15/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh and O&M Factor of \$0.00064/kWh

 $Note (6): \ Includes \ proposed \ Net \ Metering \ Charge \ of \$0.00000/kWh, \ Proposed \ Long-term \ contracting \ charge \ of \$0.00007/kWh \ and \ Proposed \ O\&M \ Factor \ of \$0.0007/kWh$

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of 0.00003kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Service Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

Page 14 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Calculation of Monthly Typical Bill

Time: 04:40 PM Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012

Impact on G-62 Rate Customers

Hours Use: 200

Month! Power	ly		Present Rates Standard		1	Proposed Rates Standard		Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	600,000	\$91,077.95	\$47,581.25	\$43,496.70	\$73,590.45	\$28,868.75	\$44,721.70	(\$17,487.50)	-19.2%
5,000	1,000,000	\$139,990.44	\$79,302.08	\$60,688.36	\$110,844.61	\$48,114.58	\$62,730.03	(\$29,145.83)	-20.8%
7,500	1,500,000	\$201,131.08	\$118,953.13	\$82,177.95	\$157,412.33	\$72,171.88	\$85,240.45	(\$43,718.75)	-21.7%
10,000	2,000,000	\$262,271.70	\$158,604.17	\$103,667.53	\$203,980.03	\$96,229.17	\$107,750.86	(\$58,291.67)	-22.2%
20,000	4,000,000	\$506,834.19	\$317,208.33	\$189,625.86	\$390,250.86	\$192,458.33	\$197,792.53	(\$116,583.33)	-23.0%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge (3)	kW x	\$2.86	Proposed Distribution Demand Charge (4)	kW x	\$3.03
Distribution Energy Charge (5)	kWh x	\$0.00010	Proposed Distribution Energy Charge (6)	kWh x	\$0.00016
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

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Note (1): Includes Transmission Base Charge of \$0.00650/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Transmission Base Charge of 0.00659/kWh, Proposed Transmission Adjustment Factor of 0.00026/kWh and Proposed Transmission Uncollectible Factor of 0.00013/kWh

Note (3): Includes O&M kW Charge of \$0.36/kW and CapEx kW Charge of \$0.02

Note (4): Includes Proposed O&M kW Charge of \$0.35/kW, Proposed CapEx kW Charge of \$0.11/kW, and Proposed Capital Structure Adjustment of \$0.09/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh and Proposed Long-term contracting charge of \$0.00007/kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Page 15 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Calculation of Monthly Typical Bill

Time: 04:40 PM Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012

Impact on G-62 Rate Customers

Hours Use: 300

	Monthly		Present Rates			Proposed Rates			Increase/(Decrease)	
	Power kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
-	3,000	900,000	\$118,856.08	\$71,371.88	\$47,484.20	\$92,234.20	\$43,303.13	\$48,931.07	(\$26,621.88)	-22.4%
	5,000	1,500,000	\$186,287.33	\$118,953.13	\$67,334.20	\$141,917.54	\$72,171.88	\$69,745.66	(\$44,369.79)	-23.8%
	7,500	2,250,000	\$270,576.39	\$178,429.69	\$92,146.70	\$204,021.70	\$108,257.81	\$95,763.89	(\$66,554.69)	-24.6%
	10,000	3,000,000	\$354,865.45	\$237,906.25	\$116,959.20	\$266,125.86	\$144,343.75	\$121,782.11	(\$88,739.59)	-25.0%
	20,000	6,000,000	\$692,021.70	\$475,812.50	\$216,209.20	\$514,542.53	\$288,687.50	\$225,855.03	(\$177,479.17)	-25.6%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge (3)	kW x	\$2.86	Proposed Distribution Demand Charge (4)	kW x	\$3.03
Distribution Energy Charge (5)	kWh x	\$0.00010	Proposed Distribution Energy Charge (6)	kWh x	\$0.00016
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

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Note (1): Includes Transmission Base Charge of \$\$0.00650/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Transmission Base Charge of 0.00659/kWh, Proposed Transmission Adjustment Factor of 0.00026/kWh and Proposed Transmission Uncollectible Factor of 0.00013/kWh

Note (3): Includes O&M kW Charge of \$0.36/kW and CapEx kW Charge of \$0.02

Note (4): Includes Proposed O&M kW Charge of \$0.35/kW, Proposed CapEx kW Charge of \$0.11/kW, and Proposed Capital Structure Adjustment of \$0.09/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh and Proposed Long-term contracting charge of \$0.00007/kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Page 16 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012

Impact on G-62 Rate Customers

Hours Use: 400

04:40 PM

Time

Month Power	nly	I	•		roposed Rates Standard		Increase/(D	ecrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,200,000	\$146,634.20	\$95,162.50	\$51,471.70	\$110,877.95	\$57,737.50	\$53,140.45	(\$35,756.25)	-24.4%
5,000	2,000,000	\$232,584.20	\$158,604.17	\$73,980.03	\$172,990.45	\$96,229.17	\$76,761.28	(\$59,593.75)	-25.6%
7,500	3,000,000	\$340,021.70	\$237,906.25	\$102,115.45	\$250,631.07	\$144,343.75	\$106,287.32	(\$89,390.63)	-26.3%
10,000	4,000,000	\$447,459.19	\$317,208.33	\$130,250.86	\$328,271.69	\$192,458.33	\$135,813.36	(\$119,187.50)	-26.6%
20,000	8,000,000	\$877,209.20	\$634,416.67	\$242,792.53	\$638,834.20	\$384,916.67	\$253,917.53	(\$238,375.00)	-27.2%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge (3)	kW x	\$2.86	Proposed Distribution Demand Charge (4)	kW x	\$3.03
Distribution Energy Charge (5)	kWh x	\$0.00010	Proposed Distribution Energy Charge (6)	kWh x	\$0.00016
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Transmission Base Charge of \$0.00650/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Transmission Base Charge of 0.00659/kWh, Proposed Transmission Adjustment Factor of 0.00026/kWh and Proposed Transmission Uncollectible Factor of 0.00013/kWh

Note (3): Includes O&M kW Charge of \$0.36/kW and CapEx kW Charge of \$0.02

Note (4): Includes Proposed O&M kW Charge of \$0.35/kW, Proposed CapEx kW Charge of \$0.11/kW, and Proposed Capital Structure Adjustment of \$0.09/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh and Proposed Long-term contracting charge of \$0.00007/kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

The Narragansett Electric Company d/b/a National Grid R.I.P.U.C. Docket No. 4065 Data Request Comm 19-2 Attachment 1 Page 17 of 18

File: C:\Documents and Settings\pinim\Local Settings\Temporary Internet Files\OLKD9\[Comm 19-2 Att1.XLS]Input Section

Date: 21-Mar-12 Calculation of Monthly Typical Bill

Time: 04:40 PM Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012

Impact on G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,500,000	\$174,412.33	\$118,953.13	\$55,459.20	\$129,521.70	\$72,171.88	\$57,349.82	(\$44,890.63)	-25.7%
5,000	2,500,000	\$278,881.07	\$198,255.21	\$80,625.86	\$204,063.37	\$120,286.46	\$83,776.91	(\$74,817.70)	-26.8%
7,500	3,750,000	\$409,467.01	\$297,382.81	\$112,084.20	\$297,240.45	\$180,429.69	\$116,810.76	(\$112,226.56)	-27.4%
10,000	5,000,000	\$540,052.95	\$396,510.42	\$143,542.53	\$390,417.53	\$240,572.92	\$149,844.61	(\$149,635.42)	-27.7%
20,000	10,000,000	\$1,062,396.69	\$793,020.83	\$269,375.86	\$763,125.86	\$481,145.83	\$281,980.03	(\$299,270.83)	-28.2%

Present Rates - as of February 1, 2012			Proposed Rates		
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646
Distribution Demand Charge (3)	kW x	\$2.86	Proposed Distribution Demand Charge (4)	kW x	\$3.03
Distribution Energy Charge (5)	kWh x	\$0.00010	Proposed Distribution Energy Charge (6)	kWh x	\$0.00016
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619

Note (1): Includes Transmission Base Charge of \$0.00650/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Transmission Base Charge of 0.00659/kWh, Proposed Transmission Adjustment Factor of 0.00026/kWh and Proposed Transmission Uncollectible Factor of 0.00013/kWh

Note (3): Includes O&M kW Charge of \$0.36/kW and CapEx kW Charge of \$0.02

Note (4): Includes Proposed O&M kW Charge of \$0.35/kW, Proposed CapEx kW Charge of \$0.11/kW, and Proposed Capital Structure Adjustment of \$0.09/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh and Proposed Long-term contracting charge of \$0.00007/kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh and Standard Offer Service Administrative Cost Factor of \$0.00115 /kWh

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Date: 04:40 PM

Calculation of Monthly Typical Bill Comparison of Present and Proposed Rates Effective April 1 and April 23, 2012 Impact on G-62 Rate Customers

Hours Use: 600

Time

Monthly Power		Present Rates Standard			Proposed Rates Standard			Increase/(Decrease)	
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,800,000	\$202,190.45	\$142,743.75	\$59,446.70	\$148,165.45	\$86,606.25	\$61,559.20	(\$54,025.00)	-26.7%
5,000	3,000,000	\$325,177.95	\$237,906.25	\$87,271.70	\$235,136.28	\$144,343.75	\$90,792.53	(\$90,041.67)	-27.7%
7,500	4,500,000	\$478,912.33	\$356,859.38	\$122,052.95	\$343,849.83	\$216,515.63	\$127,334.20	(\$135,062.50)	-28.2%
10,000	6,000,000	\$632,646.70	\$475,812.50	\$156,834.20	\$452,563.36	\$288,687.50	\$163,875.86	(\$180,083.34)	-28.5%
20,000	12,000,000	\$1,247,584.20	\$951,625.00	\$295,959.20	\$887,417.53	\$577,375.00	\$310,042.53	(\$360,166.67)	-28.9%

Present Rates - as of February 1, 2012			Proposed Rates				
Customer Charge		\$17,000.00	Customer Charge		\$17,000.00		
LIHEAP Charge		\$0.83	LIHEAP Charge		\$0.83		
Transmission Demand Charge	kW x	\$2.84	Proposed Transmission Demand Charge	kW x	\$2.92		
Transmission Energy Charge (1)	kWh x	\$0.00678	Proposed Transmission Energy Charge (2)	kWh x	\$0.00646		
Distribution Demand Charge (3)	kW x	\$2.86	Proposed Distribution Demand Charge (4)	kW x	\$3.03		
Distribution Energy Charge (5)	kWh x	\$0.00010	Proposed Distribution Energy Charge (6)	kWh x	\$0.00016		
Transition Energy Charge	kWh x	(\$0.00031)	Proposed Transition Energy Charge	kWh x	\$0.00063		
Energy Efficiency Program Charge(7)	kWh x	\$0.00619	Energy Efficiency Program Charge(8)	kWh x	\$0.00622		
Gross Earnings Tax		4%	Gross Earnings Tax		4%		
Standard Offer Charge (9)	kWh x	\$0.07613	Proposed Standard Offer Charge (10)	kWh x	\$0.04619		

Note (1): Includes Transmission Base Charge of \$\$0.00650/kWh, Transmission Adjustment Factor of \$0.00015/kWh and Transmission Uncollectible Factor of \$0.00013/kWh

Note (2): Includes Proposed Transmission Base Charge of \$0.00659/kWh, Proposed Transmission Adjustment Factor of \$(0.00026)/kWh and Proposed Transmission Uncollectible Factor of \$0.00013/kWh

Note (3): Includes O&M kW Charge of \$0.36/kW and CapEx kW Charge of \$0.02

Note (4): Includes Proposed O&M kW Charge of \$0.35/kW, Proposed CapEx kW Charge of \$0.11/kW, and Proposed Capital Structure Adjustment of \$0.09/kW

Note (5): Includes Net Metering Charge of \$0.00001/kWh

Note (6): Includes proposed Net Metering Charge of \$0.00000/kWh and Proposed Long-term contracting charge of \$0.00007/kWh

Note (7): Excludes the SRP Charge

Note (8): Includes approved SRP Charge of \$0.00003/kWh effective 3/1/2012

Note (9): Includes a simple average of the Jan-2012 through Mar-2012 Standard Offer Charge of \$0.07454/kWh, Renewable Energy Standard Credit of \$(0.00031)/kWh, Standard Offer Adjustment Factor of \$0.00075/kWh and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh