

January 20, 2010

#### VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4111 – Review of Proposed Town of New Shoreham Project

Pursuant to RI General Laws § 39-26.1-7

**Response to Data Request** 

Dear Ms. Massaro:

Enclosed please find ten (10) copies of National Grid's<sup>1</sup> response to Commission Data Request 3-1. This transmittal completes the Company's responses to the Commission's Third 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 (781) 907-2121.

Very truly yours,

Jennifer Brooks Hutchinson

**Enclosures** 

cc:

Docket 4111 Service List

Leo Wold, Esq.

<sup>&</sup>lt;sup>1</sup> Submitted on behalf of The Narragansett Electric Company d/b/a National Grid ("Company").

### Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been electronically transmitted, sent via U.S. mail or hand-delivered to the individuals listed below.

for sant	
	January 20, 2010
Joanne M. Scanlon	Date

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The Narragansett Electric Company d/b/a National Grid Docket No. 4111 In Re: Review of Proposed Town of New Shoreham Project Responses to Commission Data Requests – Set 3 Issued January 6, 2010

### Commission Data Request 3-1

### Request:

Please provide a copy of bill impact by customer class of the monthly cost under the PPA plus the transmission line from Block Island to the mainland (format similar to bill impact analyses filed with annual reconciliations).

### Response:

Please see Attachment 1 for illustrative bill impacts by customer class based on rates currently in effect.

Prepared by or under the supervision of: David E. Tufts

Date: 19-Jan-10 Time: 03:57 PM National Grid R.I.P.U.C. Docket No. 4111 COMM 3-1 Page 1 of 15

#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on A-16 Rate Customers

Monthly	Present Rates Standard			Proposed Rates Standard			Increase/(I	Percentage	
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs
120	\$21.31	\$11.62	\$9.69	\$21.64	\$11.62	\$10.02	\$0.33	1.5%	1.5%
240	\$39.75	\$23.23	\$16.52	\$40.40	\$23.23	\$17.17	\$0.65	1.6%	1.6%
500	\$79.71	\$48.40	\$31.31	\$81.08	\$48.40	\$32.68	\$1.37	1.7%	1.7%
700	\$110.44	\$67.76	\$42.68	\$112.36	\$67.76	\$44.60	\$1.92	1.7%	1.7%
950	\$148.87	\$91.96	\$56.91	\$151.47	\$91.96	\$59.51	\$2.60	1.7%	1.7%
1,000	\$156.55	\$96.80	\$59.75	\$159.29	\$96.80	\$62.49	\$2.74	1.8%	1.8%
	1								

Present Rates: A-16			Proposed Rates: A-16		
Customer Charge		\$2.75	Customer Charge		\$2.75
Transmission Charge (1)	kWh x	\$0.01500	Transmission Charge (1)	kWh x	\$0.01500
Distribution Energy Charge	kWh x	\$0.03376	Distribution Energy Charge	kWh x	\$0.03639
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293	Standard Offer Charge (2)	kWh x	\$0.09293

Note (1): Includes Transmission Adjustment Factor of \$0.01064/kWh

 $\label{eq:sigma} File: S:\ ADATA1\ 2009\ neco\ Annual\ Filing\ [Typical\ Bills.xls] Input\ Section$ 

Date: 19-Jan-10 Time: 03:57 PM National Grid R.I.P.U.C. Docket No. 4111 COMM 3-1 Page 2 of 15

## Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on A-60 Rate Customers

Monthly	Present Rates Standard			F	Proposed Rates Standard Offer	Dilina	Increase/(Decrease)		
kWh	Total	Offer	Delivery	1 otai	Offer	Delivery	Amount	% of Total	
100	\$12.15	\$9.68	\$2.47	\$12.42	\$9.68	\$2.74	\$0.27	2.2%	
200	\$24.30	\$19.36	\$4.94	\$24.84	\$19.36	\$5.48	\$0.54	2.2%	
300	\$36.44	\$29.04	\$7.40	\$37.27	\$29.04	\$8.23	\$0.83	2.3%	
500	\$62.13	\$48.40	\$13.73	\$63.50	\$48.40	\$15.10	\$1.37	2.2%	
750	\$99.46	\$72.60	\$26.86	\$101.52	\$72.60	\$28.92	\$2.06	2.1%	
1250	\$173.86	\$121.00	\$52.86	\$177.28	\$121.00	\$56.28	\$3.42	2.0%	

Present Rates: A-60			<u>Proposed Rates:</u> A-60		
Customer Charge		\$0.00	Customer Charge		\$0.00
Transmission Charge (1)	kWh x	\$0.01402	Transmission Charge (1)	kWh x	\$0.01402
Initial Block Energy Charge (1st 450 kWh)*	kWh x	\$0.00382	Initial Block Energy Charge (1st 450 kWh) (4)	kWh x	\$0.00645
Second Block Energy Charge (next 750 kWh	) kWh x	\$0.03055	Second Block Energy Charge (next 750 kWh) (4)	kWh x	\$0.03318
Tail Block Energy Charge	kWh x	\$0.02548	Tail Block Energy Charge (4)	kWh x	\$0.02811
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293	Standard Offer Charge (2)	kWh x	\$0.09293

Note (1): Includes Transmission Adjustment Factor of \$0.01064/kWh

<sup>\*</sup>Includes 1.306¢ per kWh credit approved by Commission in Docket No. 4011 for effect January 1, 2009 through December 31, 2009

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## Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on C-06 Rate Customers

Monthly	Present Rates Standard			Pr	oposed Rates Standard		Increase/(I	Percentage	
kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	of Custs
250	\$45.58	\$24.20	\$21.38	\$46.26	\$24.20	\$22.06	\$0.68	1.5%	1.5%
500	\$84.91	\$48.40	\$36.51	\$86.28	\$48.40	\$37.88	\$1.37	1.6%	1.6%
1,000	\$163.56	\$96.80	\$66.76	\$166.30	\$96.80	\$69.50	\$2.74	1.7%	1.7%
1,500	\$242.22	\$145.20	\$97.02	\$246.33	\$145.20	\$101.13	\$4.11	1.7%	1.7%
2,000	\$320.87	\$193.60	\$127.27	\$326.35	\$193.60	\$132.75	\$5.48	1.7%	1.7%

Present Rates:	C-06		Proposed Rates:	C-06	
Customer Charge		\$6.00	Customer Charge		\$6.00
Transmission Charge (1)	kWh x	\$0.01600	Transmission Charge (1)	kWh x	\$0.01600
Distribution Energy Charge	kWh x	\$0.03624	Distribution Energy Charge	kWh x	\$0.03887
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293	Standard Offer Charge (2)	kWh x	\$0.09293

Note (1): Includes Transmission Adjustment Factor of \$0.01064/kWh

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#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-02 Rate Customers

Hours Use: 200

Monthly	Power	F	Present Rates Standard			roposed Rates Standard		Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
20	4,000	\$589.60	\$332.67	\$256.93	\$600.56	\$332.67	\$267.89	\$10.96	1.9%	
50	10,000	\$1,384.60	\$831.67	\$552.93	\$1,411.99	\$831.67	\$580.32	\$27.39	2.0%	
100	20,000	\$2,709.59	\$1,663.33	\$1,046.26	\$2,764.38	\$1,663.33	\$1,101.05	\$54.79	2.0%	
150	30,000	\$4,034.59	\$2,495.00	\$1,539.59	\$4,116.78	\$2,495.00	\$1,621.78	\$82.19	2.0%	

Present Rates: G-02			<u>Proposed Rates:</u> G-02		
Customer Charge		\$103.41	Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kV	W kW x	\$1.40	Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22	Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777	Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-02 Rate Customers

Hours Use: 300

Мо	nthly Po	ower	Present Rates Standard			Pı	roposed Rates Standard		Increase/(Decrease)		
kW		kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
	20	6,000	\$806.47	\$499.00	\$307.47	\$822.91	\$499.00	\$323.91	\$16.44	2.0%	
	50	15,000	\$1,926.78	\$1,247.50	\$679.28	\$1,967.88	\$1,247.50	\$720.38	\$41.10	2.1%	
	100	30,000	\$3,793.97	\$2,495.00	\$1,298.97	\$3,876.16	\$2,495.00	\$1,381.16	\$82.19	2.2%	
	150	45,000	\$5,661.16	\$3,742.50	\$1,918.66	\$5,784.44	\$3,742.50	\$2,041.94	\$123.28	2.2%	

Present Rates: G-02			<u>Proposed Rates:</u> G-02		
Customer Charge		\$103.41	Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40	Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22	Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777	Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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## Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-02 Rate Customers

Hours Use: 400

Monthly	Power	Present Rates Standard			Pı	roposed Rates Standard		Increase/(Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
20	8,000	\$1,023.34	\$665.33	\$358.01	\$1,045.26	\$665.33	\$379.93	\$21.92	2.1%	
50	20,000	\$2,468.97	\$1,663.33	\$805.64	\$2,523.76	\$1,663.33	\$860.43	\$54.79	2.2%	
100	40,000	\$4,878.35	\$3,326.67	\$1,551.68	\$4,987.93	\$3,326.67	\$1,661.26	\$109.58	2.2%	
150	60,000	\$7,287.72	\$4,990.00	\$2,297.72	\$7,452.09	\$4,990.00	\$2,462.09	\$164.37	2.3%	

Present Rates: G-02			<u>Proposed Rates:</u> G-02		
Customer Charge		\$103.41	Customer Charge		\$103.41
Transmission Demand Charge-xcs	10 kW kW x	\$1.40	Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 1	0 kW kW x	\$3.22	Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777	Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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# Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-02 Rate Customers

Hours Use: 500

Monthly	Power	Present Rates Standard			Pı	roposed Rates Standard		Increase/(Decrease)		
kW kWh		Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total	
20	10,000	\$1,240.22	\$831.67	\$408.55	\$1,267.62	\$831.67	\$435.95	\$27.40	2.2%	
50	25,000	\$3,011.16	\$2,079.17	\$931.99	\$3,079.65	\$2,079.17	\$1,000.48	\$68.49	2.3%	
100	50,000	\$5,962.72	\$4,158.33	\$1,804.39	\$6,099.69	\$4,158.33	\$1,941.36	\$136.97	2.3%	
150	75,000	\$8,914.28	\$6,237.50	\$2,676.78	\$9,119.75	\$6,237.50	\$2,882.25	\$205.47	2.3%	

Present Rates: G-02			<u>Proposed Rates:</u> G-02		
Customer Charge		\$103.41	Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40	Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22	Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777	Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%	Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-32 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
200	40,000	\$5,309.62	\$3,326.67	\$1,982.95	\$5,419.20	\$3,326.67	\$2,092.53	\$109.58	2.1%
750	150,000	\$19,233.78	\$12,475.00	\$6,758.78	\$19,644.72	\$12,475.00	\$7,169.72	\$410.94	2.1%
1,000	200,000	\$25,562.94	\$16,633.33	\$8,929.61	\$26,110.86	\$16,633.33	\$9,477.53	\$547.92	2.1%
1,500	300,000	\$38,221.28	\$24,950.00	\$13,271.28	\$39,043.16	\$24,950.00	\$14,093.16	\$821.88	2.2%
2,500	500,000	\$63,537.94	\$41,583.33	\$21,954.61	\$64,907.74	\$41,583.33	\$23,324.41	\$1,369.80	2.2%

Present Rates:	G-32		Proposed Rates: G-32		
Customer Charge		\$236.43	Customer Charge		\$236.43
Transmission Demand Charg	ge kW x	\$1.27	Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$1.99	Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889	Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates Standard			P	roposed Rates		Increase/(Decrease)	
kW kWh		Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	60,000	\$7,501.70	\$4,990.00	\$2,511.70	\$7,666.07	\$4,990.00	\$2,676.07	\$164.37	2.2%
750	225,000	\$27,454.09	\$18,712.50	\$8,741.59	\$28,070.50	\$18,712.50	\$9,358.00	\$616.41	2.2%
1,000	300,000	\$36,523.36	\$24,950.00	\$11,573.36	\$37,345.24	\$24,950.00	\$12,395.24	\$821.88	2.3%
1,500	450,000	\$54,661.91	\$37,425.00	\$17,236.91	\$55,894.72	\$37,425.00	\$18,469.72	\$1,232.81	2.3%
2,500	750,000	\$90,938.99	\$62,375.00	\$28,563.99	\$92,993.68	\$62,375.00	\$30,618.68	\$2,054.69	2.3%

Present Rates:	G-32		Proposed Rates: G-32		
Customer Charge		\$236.43	Customer Charge		\$236.43
Transmission Demand Charg	e kW x	\$1.27	Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$1.99	Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889	Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates 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	\$9,693.78	\$6,653.33	\$3,040.45	\$9,912.94	\$6,653.33	\$3,259.61	\$219.16	2.3%	
750	300,000	\$35,674.41	\$24,950.00	\$10,724.41	\$36,496.28	\$24,950.00	\$11,546.28	\$821.87	2.3%	
1,000	400,000	\$47,483.78	\$33,266.67	\$14,217.11	\$48,579.62	\$33,266.67	\$15,312.95	\$1,095.84	2.3%	
1,500	600,000	\$71,102.53	\$49,900.00	\$21,202.53	\$72,746.28	\$49,900.00	\$22,846.28	\$1,643.75	2.3%	
2,500	1,000,000	\$118,340.03	\$83,166.67	\$35,173.36	\$121,079.62	\$83,166.67	\$37,912.95	\$2,739.59	2.3%	

Present Rates:	G-32		Proposed Rates: G-32		
Customer Charge		\$236.43	Customer Charge		\$236.43
Transmission Demand Char	ge kW x	\$1.27	Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	e kW x	\$1.99	Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889	Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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#### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-32 Rate Customers

Hours Use: 500

Monthly I	Power		Present Rates Standard		I	Proposed Rates Standard		Increase/(I	Decrease)
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
200	100,000	\$11,885.87	\$8,316.67	\$3,569.20	\$12,159.83	\$8,316.67	\$3,843.16	\$273.96	2.3%
750	375,000	\$43,894.72	\$31,187.50	\$12,707.22	\$44,922.06	\$31,187.50	\$13,734.56	\$1,027.34	2.3%
1,000	500,000	\$58,444.19	\$41,583.33	\$16,860.86	\$59,813.99	\$41,583.33	\$18,230.66	\$1,369.80	2.3%
1,500	750,000	\$87,543.16	\$62,375.00	\$25,168.16	\$89,597.84	\$62,375.00	\$27,222.84	\$2,054.68	2.3%
2,500	1,250,000	\$145,741.07	\$103,958.33	\$41,782.74	\$149,165.55	\$103,958.33	\$45,207.22	\$3,424.48	2.3%

Present Rates:	G-32		Proposed Rates: G-32		
Customer Charge		\$236.43	Customer Charge		\$236.43
Transmission Demand Charg	ge kW x	\$1.27	Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$1.99	Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889	Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

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# Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates 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	\$89,319.50	\$49,900.00	\$39,419.50	\$90,963.25	\$49,900.00	\$41,063.25	\$1,643.75	1.8%
5,000	1,000,000	\$136,977.84	\$83,166.67	\$53,811.17	\$139,717.42	\$83,166.67	\$56,550.75	\$2,739.58	2.0%
7,500	1,500,000	\$196,550.75	\$124,750.00	\$71,800.75	\$200,660.13	\$124,750.00	\$75,910.13	\$4,109.38	2.1%
10,000	2,000,000	\$256,123.66	\$166,333.33	\$89,790.33	\$261,602.83	\$166,333.33	\$95,269.50	\$5,479.17	2.1%
20,000	4,000,000	\$494,415.34	\$332,666.67	\$161,748.67	\$505,373.67	\$332,666.67	\$172,707.00	\$10,958.33	2.2%

Present Rates:	G-62		<u>Proposed Rates:</u> G-62		
Customer Charge		\$17,118.72	Customer Charge		\$17,118.72
Transmission Demand Char	rge kW x	\$1.39	Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charg	e kW x	\$2.22	Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000	Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

Note~(1):~Includes~Standard~Offer~Charge~of~\$0.07891/kWh~and~Renewable~Energy~Standard~Charge~of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.000093/kWh~And~Renewable~Energy~Stan

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# Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates 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
3,000	900,000	\$119,422.63	\$74,850.00	\$44,572.63	\$121,888.25	\$74,850.00	\$47,038.25	\$2,465.62	2.1%
5,000	1,500,000	\$187,149.71	\$124,750.00	\$62,399.71	\$191,259.08	\$124,750.00	\$66,509.08	\$4,109.37	2.2%
7,500	2,250,000	\$271,808.56	\$187,125.00	\$84,683.56	\$277,972.63	\$187,125.00	\$90,847.63	\$6,164.07	2.3%
10,000	3,000,000	\$356,467.42	\$249,500.00	\$106,967.42	\$364,686.17	\$249,500.00	\$115,186.17	\$8,218.75	2.3%
20,000	6,000,000	\$695,102.83	\$499,000.00	\$196,102.83	\$711,540.33	\$499,000.00	\$212,540.33	\$16,437.50	2.4%

Present Rates: G-62			<u>Proposed Rates:</u> G-62		
Customer Charge		\$17,118.72	Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39	Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$2.22	Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000	Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

Note~(1):~Includes~Standard~Offer~Charge~of~\$0.07891/kWh~and~Renewable~Energy~Standard~Charge~of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.000093/kWh~And~Renewable~Energy~Stan

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### Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-62 Rate Customers

Hours Use: 400

Month Power	Monthly Present Rates Proposed Rates ower Standard Standard		1		*		Decrease)		
kW	kWh	Total	Offer	Delivery	Total	Offer	Delivery	Amount	% of Total
3,000	1,200,000	\$149,525.75	\$99,800.00	\$49,725.75	\$152,813.25	\$99,800.00	\$53,013.25	\$3,287.50	2.2%
5,000	2,000,000	\$237,321.58	\$166,333.33	\$70,988.25	\$242,800.75	\$166,333.33	\$76,467.42	\$5,479.17	2.3%
7,500	3,000,000	\$347,066.38	\$249,500.00	\$97,566.38	\$355,285.13	\$249,500.00	\$105,785.13	\$8,218.75	2.4%
10,000	4,000,000	\$456,811.17	\$332,666.67	\$124,144.50	\$467,769.50	\$332,666.67	\$135,102.83	\$10,958.33	2.4%
20,000	8,000,000	\$895,790.33	\$665,333.33	\$230,457.00	\$917,707.00	\$665,333.33	\$252,373.67	\$21,916.67	2.4%

Present Rates: G-62			<u>Proposed Rates:</u> G-62		
Customer Charge		\$17,118.72	Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39	Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$2.22	Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000	Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

Note~(1):~Includes~Standard~Offer~Charge~of~\$0.07891/kWh~and~Renewable~Energy~Standard~Charge~of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.00093/kWh~And~Renewable~Energy~Standard~Charge~Of~\$0.000093/kWh~And~Renewable~Energy~Stan

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# Calculation of Monthly Typical Bill (ILLUSTRATIVE) Comparison of Present and Proposed Rates Impact on G-62 Rate Customers

Hours Use: 500

Mont 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	\$179,628.88	\$124,750.00	\$54,878.88	\$183,738.25	\$124,750.00	\$58,988.25	\$4,109.37	2.3%
5,000	2,500,000	\$287,493.46	\$207,916.67	\$79,576.79	\$294,342.42	\$207,916.67	\$86,425.75	\$6,848.96	2.4%
7,500	3,750,000	\$422,324.19	\$311,875.00	\$110,449.19	\$432,597.63	\$311,875.00	\$120,722.63	\$10,273.44	2.4%
10,000	5,000,000	\$557,154.91	\$415,833.33	\$141,321.58	\$570,852.83	\$415,833.33	\$155,019.50	\$13,697.92	2.5%
20,000	10,000,000	\$1,096,477.84	\$831,666.67	\$264,811.17	\$1,123,873.67	\$831,666.67	\$292,207.00	\$27,395.83	2.5%

Present Rates: G-62			Proposed Rates: G-62		
Customer Charge		\$17,118.72	Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39	Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064	Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$2.22	Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000	Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235	Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350	C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4%	Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984	Standard Offer Charge (1)	kWh x	\$0.07984

Note~(1):~Includes~Standard~Offer~Charge~of~\$0.07891/kWh~and~Renewable~Energy~Standard~Charge~of~\$0.00093/kWh~Allowed Standard~Charge~of~\$0.00093/kWh~Allowed Standa