

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's¹ 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.

¹ 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.



Joanne M. Scanlon

January 20, 2010
Date

**National Grid – Review of Proposed Town of New Shoreham Project
Docket No. 4111 - Service List Updated 1/14/2010**

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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.

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

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Custs
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
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%

Present Rates: A-16

Customer Charge		\$2.75
Transmission Charge (1)	kWh x	\$0.01500
Distribution Energy Charge	kWh x	\$0.03376
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293

Proposed Rates: A-16

Customer Charge		\$2.75
Transmission Charge (1)	kWh x	\$0.01500
Distribution Energy Charge	kWh x	\$0.03639
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293

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

Note (2): Includes Standard Offer Charge of \$0.092/kWh and Renewable Energy Standard Charge of \$0.00093/kWh

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

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)	
	Total	Standard Offer	Delivery	Total	Standard 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

Customer Charge		\$0.00
Transmission Charge (1)	kWh x	\$0.01402
Initial Block Energy Charge (1st 450 kWh)*	kWh x	\$0.00382
Second Block Energy Charge (next 750 kWh)	kWh x	\$0.03055
Tail Block Energy Charge	kWh x	\$0.02548
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293

Proposed Rates: A-60

Customer Charge		\$0.00
Transmission Charge (1)	kWh x	\$0.01402
Initial Block Energy Charge (1st 450 kWh) (4)	kWh x	\$0.00645
Second Block Energy Charge (next 750 kWh) (4)	kWh x	\$0.03318
Tail Block Energy Charge (4)	kWh x	\$0.02811
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350
Gross Earnings Tax		4.00%
Standard Offer Charge (2)	kWh x	\$0.09293

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

Note (2): Includes Standard Offer Charge of \$0.092/kWh and Renewable Energy Standard Charge of \$0.00093/kWh

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

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

Monthly kWh	Present Rates			Proposed Rates			Increase/(Decrease)		Percentage of Custs
	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total	
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

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

Proposed Rates: C-06

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

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

Note (2): Includes Standard Offer Charge of \$0.092/kWh and Renewable Energy Standard Charge of \$0.00093/kWh

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

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	4,000	\$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

Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984

Proposed Rates: G-02

Customer Charge		\$103.41
Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
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

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

Hours Use: 300

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
20	6,000	\$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

Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.07984

Proposed Rates: G-02

Customer Charge		\$103.41
Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax 4.00%

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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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

Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984

Proposed Rates: G-02

Customer Charge		\$103.41
Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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

Customer Charge		\$103.41
Transmission Demand Charge-xcs 10 kW	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.00777
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
Standard Offer Charge (1)	kWh x	\$0.07984

Proposed Rates: G-02

Customer Charge		\$103.41
Transmission Demand Charge	kW x	\$1.40
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 10 kW	kW x	\$3.22
Distribution Energy Charge	kWh x	\$0.01040
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4.00%
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

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

Hours Use: 200

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	40,000	\$5,309.62	\$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

Customer Charge		\$236.43
Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Proposed Rates: G-32

Customer Charge		\$236.43
Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235
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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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%

<u>Present Rates:</u> G-32				<u>Proposed Rates:</u> G-32			
Customer Charge			\$236.43	Customer Charge			\$236.43
Transmission Demand Charge	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	

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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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

Customer Charge		\$236.43
Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.00889
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.07984

Proposed Rates: G-32

Customer Charge		\$236.43
Transmission Demand Charge	kW x	\$1.27
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 200 kW	kW x	\$1.99
Distribution Energy Charge	kWh x	\$0.01152
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax 4%

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

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

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
200	100,000	\$11,885.87	\$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%

<u>Present Rates:</u> G-32				<u>Proposed Rates:</u> G-32			
Customer Charge			\$236.43	Customer Charge			\$236.43
Transmission Demand Charge	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

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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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%

<u>Present Rates:</u> 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

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			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard 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%

<u>Present Rates:</u> 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

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

Hours Use: 400

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,200,000	\$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

Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984

Proposed Rates: G-62

Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4%
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

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

Hours Use: 500

Monthly Power		Present Rates			Proposed Rates			Increase/(Decrease)	
kW	kWh	Total	Standard Offer	Delivery	Total	Standard Offer	Delivery	Amount	% of Total
3,000	1,500,000	\$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

Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00000
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4%
Standard Offer Charge (1)	kWh x	\$0.07984

Proposed Rates: G-62

Customer Charge		\$17,118.72
Transmission Demand Charge	kW x	\$1.39
Transmission Charge	kWh x	\$0.01064
Distribution Demand Charge-xcs 200 kW	kW x	\$2.22
Distribution Energy Charge	kWh x	\$0.00263
Transition Energy Charge	kWh x	\$0.00235
C&LM Adjustment	kWh x	\$0.00350

Gross Earnings Tax		4%
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