Jennifer Brooks Hutchinson
Senior Counsel

December 16, 2016

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4673 - Long-Term Contracting for Renewable Energy Recovery Factor
Revised Filing

Dear Ms. Massaro:

National Grid[1] has reviewed the Memorandum dated December 14, 2016 from Daymark Energy Advisors (Daymark Memorandum) on behalf of the Rhode Island Division of Public Utilities and Carriers (Division), which was filed in the above-referenced docket. The Company accepts the Division's proposed Long-Term Contracting for Renewable Energy Recovery Factor (LTC Recovery Factor), as further described in the Daymark Memorandum. Accordingly, the Company is enclosing a revised Attachment 1 reflecting a proposed LTC Recovery Factor of 0.667¢ per kilowatt-hour (kWh), applicable to all customers, effective for consumption on and after January 1, 2017. The revised LTC Recovery Factor is 0.079¢ per kWh less than the factor that the Company originally proposed in its November 14, 2016 filing.

The impact of the proposed LTC Recovery Factor on a typical residential customer using 500 kWhs per month is an increase of $1.72 per month, or 1.9%, and is less than the increase that would have resulted from the originally-proposed LTC Recovery Factor by $0.41. The Company is also enclosing a new Attachment 2 containing the typical bill impact schedules.[2]

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[1] The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

[2] The Company previously provided typical bill impacts in connection with its original November 14, 2016 filing in response to Commission Data Request 1-1; however, the Company had not previously included these bill impact schedules as an attachment to its November 14, 2016 filing.

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Thank you for your attention to this filing. Please feel free to contact me if you have any questions concerning this matter at 401-784-7288.

Very truly yours,

Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4673 Service List
Leo Wold, Esq.
Steve Scialabba

Certificate of Service

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

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

Joanne M. Scanlon

December 16, 2016
Date

Docket No. 4673 - National Grid – Long-Term Contracting for Renewable Energy Recovery Factor (Year 2017)

Service List updated 11/14/16

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Long-Term Contracting for Renewable Energy Recovery
Factor Calculation
For the Period January 2017 through June 2017

(1)	Above Market Cost for the period January 2017 through June 2017	$19,449,756
(2)	Forecasted kWh Deliveries - January 2017 through June 2017	3,562,840,141
(3)	Recovery Factor for Estimated Above Market Cost	$0.00545
(4)	Adjustment for Uncollectibles	1.25%
(5)	Proposed LTC Recovery Factor for the period January 2017 through June 2017	$0.00551
(6)	Currently Effective LTC Recovery Reconciliation Factor	$0.00116
(7)	Total Proposed LTC Recovery Factor	$0.00667
(8)	Current LTC Recovery Factor	$0.00337
(9)	Increase in LTC Recovery Factor	$0.00330

Line Descriptions:
(1) per page 4, column (c), Line (30)
(2) per Company forecast
(3) Line (1) ÷ Line (2), truncated after five decimal places
(4) uncollectible percentage approved in RIPUC Docket No. 4323
(5) Line (3) x [1 + Line (4)], truncated to five decimal places
(6) per RIPUC Docket No. 4599, Schedule ASC-18, page 1, line (8)
(7) Line (5) + Line (6)
(8) Summary of Delivery Rates, RIPUC No. 2095
(9) Line (7) - Line (8)

Long-Term Contracting for Renewable Energy Recovery
Estimated Contract Cost
For the Period January 2017 through June 2017

Estimated Six-Month Contract Cost

	Unit	Unit Capacity (MW)	Commercial Operation Date	Unit Factor	Estimated Six-Month Output (MWh)	Contract Price ($ per MWh)	Estimated Six-Month Contract Cost
		(a)	(b)	(c)	(d)	(e)	(f)
(1)	RI LFG Genco Asset No. 40054	32.100	05/28/13	76%	107,146.0	$135.54	$14,522,569
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	1.500	03/01/13	22%	1,463.0	$133.50	$195,311
(3)	Con Edison Development Plain Mtg House Asset No. 43512	2.000	07/19/13	14%	1,226.4	$275.00	$337,260
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	0.500	07/18/13	14%	306.6	$316.00	$96,886
(5)	Comtram Cable Asset No. 43586	0.499	09/30/13	14%	306.0	$316.00	$96,692
(6)	CCI New England 500 kW Asset No. 43607	0.498	10/25/13	14%	305.4	$316.00	$96,498
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	0.128	10/21/13	14%	78.5	$288.00	$22,605
(8)	Black Bear Orono B Hydro Asset No. 38083	3.958	11/22/13	81%	14,060.0	$98.50	$1,384,910
(9)	West Davisville Solar Asset No. 43716	2.340	12/06/13	14%	1,434.9	$236.99	$340,054
(10)	Forbes Street Solar Asset No. 43762	3.710	12/20/13	14%	2,275.0	$239.00	$543,718
(11)	CCI New England 181 kW Asset No. 43921	0.181	02/27/14	14%	111.0	$316.00	$35,073
(12)	100 Dupont Solar Asset No. 44003	1.500	03/25/14	14%	919.8	$209.00	$192,238
(13)	225 Dupont Solar Asset No. 44004	0.300	03/25/14	14%	184.0	$316.00	$58,131
(14)	35 Martin Solar Asset No. 44006	0.500	03/27/14	14%	306.6	$316.00	$96,886
(15)	0 Martin Solar Asset No. 44005	0.500	03/27/14	14%	306.6	$316.00	$96,886
(16)	Gannon & Scott Solar Asset No. 44010	0.406	04/29/14	14%	249.0	$284.00	$70,704
(17)	All American Foods Solar Asset. No. 46721	0.331	10/24/14	14%	203.0	$284.00	$57,643
(18)	Brickle Group Solar Project Asset. No. 46911	1.084	12/04/14	14%	664.7	$184.90	$122,905
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	0.182	12/11/14	14%	111.6	$288.00	$32,141
(20)	Newport Vineyards Solar Asset. No. 46917	0.053	12/15/14	14%	32.5	$299.50	$9,734
(21)	SER Solar 23 Appian Way Asset. No. 46926	0.052	12/17/14	14%	31.9	$277.57	$8,851
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	0.498	02/28/15	14%	305.4	$194.88	$59,511
(23)	Randall Steere Farm Asset. No. 46998	0.091	03/18/15	14%	55.8	$299.49	$16,712
(24)	Johnston Solar Asset No. 47357	1.700	08/03/15	14%	1,042.4	$175.00	$182,427
(25)	North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	0.500	10/20/15	14%	306.6	$190.00	$58,254
(26)	Wilco 260 South County Trail - Asset No. 48664	1.246	08/11/16	14%	764.0	$219.50	$167,708
(27)	Foster Solar - Asset No. 48774	1.250	09/08/16	14%	766.5	$205.99	$157,891
(28)	Brookside Equestrian Center No. 48899	1.246	10/19/16	14%	764.0	$149.90	$114,531
(29)	Deepwater Wind Asset No. 38495	30.000	*01/01/17	47%	61,758.0	$243.95	$15,065,864
(30)	Total				197,485		$34,240,592

Column Descriptions:
(a) commercially operable units
(b) start date of commercial operation
(c) estimated
(d) column (a) x column (c) x (8,760 ÷ 2) hours
(e) per PPA
(f) column (d) x column (e)

* Expected Commercial Operation Date before January 2017

Long-Term Contracting for Renewable Energy Recovery
Estimated Market Value
For the Period January 2017 through June 2017

Estimated Market Value

	Unit	Estimated MWh Purchased Under Contracts (a)	Market Energy Proxy (b)	Energy Market Value (c)	REC Proxy (d)	REC Market Value (e)	Capacity (f)	Total Market Value (g)
(1)	RI LFG Genco Asset No. 40054	107,146.0	$49.89	$5,345,299	$22.00	$2,357,212	$539,370	$8,241,881
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	1,463.0	$52.67	$77,051	$22.00	$32,186		$109,237
(3)	Con Edison Development Plain Mtg House Asset No. 43512	1,226.4	$42.37	$51,962	$22.00	$26,981		$78,943
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	306.6	$42.37	$12,990	$22.00	$6,745		$19,736
(5)	Comtram Cable Asset No. 43586	306.0	$42.37	$12,964	$22.00	$6,732		$19,696
(6)	CCI New England 500 kW Asset No. 43607	305.4	$42.37	$12,939	$22.00	$6,718		$19,657
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	78.5	$42.37	$3,326	$22.00	$1,727		$5,052
(8)	Black Bear Orono B Hydro Asset No. 38083	14,060.0	$48.26	$678,587	$22.00	$309,320		$987,907
(9)	West Davisville Solar Asset No. 43716	1,434.9	$42.37	$60,795	$22.00	$31,568		$92,363
(10)	Forbes Street Solar Asset No. 43762	2,275.0	$42.37	$96,389	$22.00	$50,049		$146,439
(11)	CCI New England 181 kW Asset No. 43921	111.0	$42.37	$4,703	$22.00	$2,442		$7,144
(12)	100 Dupont Solar Asset No. 44003	919.8	$42.37	$38,971	$22.00	$20,236		$59,207
(13)	225 Dupont Solar Asset No. 44004	184.0	$42.37	$7,794	$22.00	$4,047		$11,841
(14)	35 Martin Solar Asset No. 44006	306.6	$42.37	$12,990	$22.00	$6,745		$19,736
(15)	0 Martin Solar Asset No. 44005	306.6	$42.37	$12,990	$22.00	$6,745		$19,736
(16)	Gannon & Scott Solar Asset No. 44010	249.0	$42.37	$10,548	$22.00	$5,477		$16,025
(17)	All American Foods Solar Asset. No. 46721	203.0	$42.37	$8,600	$22.00	$4,465		$13,065
(18)	Brickle Group Solar Project Asset. No. 46911	664.7	$42.37	$28,163	$22.00	$14,624		$42,787
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	111.6	$42.37	$4,729	$22.00	$2,455		$7,184
(20)	Newport Vineyards Solar Asset. No. 46917	32.5	$42.37	$1,377	$22.00	$715		$2,092
(21)	SER Solar 23 Appian Way Asset. No. 46926	31.9	$42.37	$1,351	$22.00	$702		$2,053
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	305.4	$42.37	$12,939	$22.00	$6,718		$19,657
(23)	Randall Steere Farm Asset. No. 46998	55.8	$42.37	$2,364	$22.00	$1,228		$3,592
(24)	Johnston Solar Asset No. 47357	1,042.4	$42.37	$44,168	$22.00	$22,934		$67,101
(25)	North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	306.6	$42.37	$12,990	$22.00	$6,745		$19,736
(26)	Wilco 260 South County Trail - Asset No. 48664	764.0	$42.37	$32,372	$22.00	$16,809		$49,181
(27)	Foster Solar - Asset No. 48774	766.5	$42.37	$32,476	$22.00	$16,863		$49,339
(28)	Brookside Equestrian Center No. 48899	764.0	$42.37	$32,372	$22.00	$16,809		$49,181
(29)	Deepwater Wind Asset No. 38495	61,758.0	$52.67	$3,252,593	$22.00	$1,358,676		$4,611,269
(30)	Total			$9,906,794		$4,344,672	$539,370	$14,790,836

Column Descriptions:
(a) per Page 2, column (d)
(b) The market energy proxy is based on NYMEX electricity futures prices for the Pricing Period and renewable resource load shapes (usage in on peak hours and off peak hours)
(c) column (a) x column (b)
(d) REC price estimate based on most recent market information
(e) column (a) x column (d)
(f) Expected capacity revenue from ISO-NE
(g) column (c) + column (e) + column (f)

Long-Term Contracting for Renewable Energy Recovery
Estimated Above (Below) Market Cost
For the Period January 2017 through June 2017

Estimated Above (Below) Market Cost

	Unit	Estimated Six-Month Contract Cost (a)	Total Market Value (b)	Estimated Above (Below) Market Cost (c)
(1)	RI LFG Genco Asset No. 40054	$14,522,569	$8,241,881	$6,280,688
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	$195,311	$109,237	$86,073
(3)	Con Edison Development Plain Mtg House Asset No. 43512	$337,260	$78,943	$258,317
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	$96,886	$19,736	$77,150
(5)	Comtram Cable Asset No. 43586	$96,692	$19,696	$76,996
(6)	CCI New England 500 kW Asset No. 43607	$96,498	$19,657	$76,841
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	$22,605	$5,052	$17,553
(8)	Black Bear Orono B Hydro Asset No. 38083	$1,384,910	$987,907	$397,003
(9)	West Davisville Solar Asset No. 43716	$340,054	$92,363	$247,691
(10)	Forbes Street Solar Asset No. 43762	$543,718	$146,439	$397,280
(11)	CCI New England 181 kW Asset No. 43921	$35,073	$7,144	$27,928
(12)	100 Dupont Solar Asset No. 44003	$192,238	$59,207	$133,031
(13)	225 Dupont Solar Asset No. 44004	$58,131	$11,841	$46,290
(14)	35 Martin Solar Asset No. 44006	$96,886	$19,736	$77,150
(15)	0 Martin Solar Asset No. 44005	$96,886	$19,736	$77,150
(16)	Gannon & Scott Solar Asset No. 44010	$70,704	$16,025	$54,679
(17)	All American Foods Solar Asset. No. 46721	$57,643	$13,065	$44,578
(18)	Brickle Group Solar Project Asset. No. 46911	$122,905	$42,787	$80,118
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	$32,141	$7,184	$24,958
(20)	Newport Vineyards Solar Asset. No. 46917	$9,734	$2,092	$7,642
(21)	SER Solar 23 Appian Way Asset. No. 46926	$8,851	$2,053	$6,798
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	$59,511	$19,657	$39,854
(23)	Randall Steere Farm Asset. No. 46998	$16,712	$3,592	$13,120
(24)	Johnston Solar Asset No. 47357	$182,427	$67,101	$115,326
(25)	North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	$58,254	$19,736	$38,518
(26)	Wilco 260 South County Trail - Asset No. 48664	$167,708	$49,181	$118,527
(27)	Foster Solar - Asset No. 48774	$157,891	$49,339	$108,552
(28)	Brookside Equestrian Center No. 48899	$114,531	$49,181	$65,349
(29)	Deepwater Wind Asset No. 38495	$15,065,864	$4,611,269	$10,454,595
(30)	Total	$34,240,592	$14,790,836	$19,449,756

Column Descriptions:
(a) page 2 column (f)
(b) page 3 column (g)
(c) column (a) - column (b)

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-16 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease)								Percentage of Customers
									$				% of Total Bill				
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
150	$18.51	$12.27	$1.28	$32.06	$19.01	$12.27	$1.30	$32.58	$0.50	$0.00	$0.02	$0.52	1.6%	0.0%	0.1%	1.6%	13.7%
300	$31.08	$24.54	$2.32	$57.94	$32.07	$24.54	$2.36	$58.97	$0.99	$0.00	$0.04	$1.03	1.7%	0.0%	0.1%	1.8%	17.5%
400	$39.45	$32.72	$3.01	$75.18	$40.77	$32.72	$3.06	$76.55	$1.32	$0.00	$0.05	$1.37	1.8%	0.0%	0.1%	1.8%	11.8%
500	$47.83	$40.90	$3.70	$92.43	$49.48	$40.90	$3.77	$94.15	$1.65	$0.00	$0.07	$1.72	1.8%	0.0%	0.1%	1.9%	10.8%
600	$56.21	$49.07	$4.39	$109.67	$58.19	$49.07	$4.47	$111.73	$1.98	$0.00	$0.08	$2.06	1.8%	0.0%	0.1%	1.9%	9.4%
700	$64.58	$57.25	$5.08	$126.91	$66.89	$57.25	$5.17	$129.31	$2.31	$0.00	$0.09	$2.40	1.8%	0.0%	0.1%	1.9%	7.7%
1,200	$106.46	$98.15	$8.53	$213.14	$110.42	$98.15	$8.69	$217.26	$3.96	$0.00	$0.16	$4.12	1.9%	0.0%	0.1%	1.9%	15.0%
2,000	$173.47	$163.58	$14.04	$351.09	$180.07	$163.58	$14.32	$357.97	$6.60	$0.00	$0.28	$6.88	1.9%	0.0%	0.1%	2.0%	14.1%

		Present Rates		Proposed Rates	
Customer Charge		$5.00		$5.00	
RE Growth Factor		$0.22		$0.22	
LIHEAP Charge		$0.73		$0.73	
Transmission Energy Charge	kWh x	$0.02705		$0.02705	
Distribution Energy Charge	kWh x	$0.04278		$0.04278	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08179		$0.08179	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-60 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease)								Percentage of Customers
									$				% of Total Bill				
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
150	$11.49	$12.27	$0.99	$24.75	$11.99	$12.27	$1.01	$25.27	$0.50	$0.00	$0.02	$0.52	2.0%	0.0%	0.1%	2.1%	13.7%
300	$22.04	$24.54	$1.94	$48.52	$23.03	$24.54	$1.98	$49.55	$0.99	$0.00	$0.04	$1.03	2.0%	0.0%	0.1%	2.1%	17.5%
400	$29.07	$32.72	$2.57	$64.36	$30.39	$32.72	$2.63	$65.74	$1.32	$0.00	$0.06	$1.38	2.1%	0.0%	0.1%	2.1%	11.8%
500	$36.10	$40.90	$3.21	$80.21	$37.75	$40.90	$3.28	$81.93	$1.65	$0.00	$0.07	$1.72	2.1%	0.0%	0.1%	2.1%	10.8%
600	$43.12	$49.07	$3.84	$96.03	$45.10	$49.07	$3.92	$98.09	$1.98	$0.00	$0.08	$2.06	2.1%	0.0%	0.1%	2.1%	9.4%
700	$50.15	$57.25	$4.48	$111.88	$52.46	$57.25	$4.57	$114.28	$2.31	$0.00	$0.09	$2.40	2.1%	0.0%	0.1%	2.1%	7.7%
1,200	$85.30	$98.15	$7.64	$191.09	$89.26	$98.15	$7.81	$195.22	$3.96	$0.00	$0.17	$4.13	2.1%	0.0%	0.1%	2.2%	15.0%
2,000	$141.53	$163.58	$12.71	$317.82	$148.13	$163.58	$12.99	$324.70	$6.60	$0.00	$0.28	$6.88	2.1%	0.0%	0.1%	2.2%	14.1%

		Present Rates		Proposed Rates	
Customer Charge		$0.00		$0.00	
RE Growth Factor		$0.22		$0.22	
LIHEAP Charge		$0.73		$0.73	
Transmission Energy Charge	kWh x	$0.02705		$0.02705	
Distribution Energy Charge	kWh x	$0.02931		$0.02931	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08179		$0.08179	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to C-06 Rate Customers

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease) $				Increase (Decrease) % of Total Bill				Percentage of Customers
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
250	$30.61	$20.99	$2.15	$53.75	$31.43	$20.99	$2.18	$54.60	$0.82	$0.00	$0.03	$0.85	1.5%	0.0%	0.1%	1.6%	35.2%
500	$50.14	$41.98	$3.84	$95.96	$51.79	$41.98	$3.91	$97.68	$1.65	$0.00	$0.07	$1.72	1.7%	0.0%	0.1%	1.8%	17.0%
1,000	$89.19	$83.96	$7.21	$180.36	$92.49	$83.96	$7.35	$183.80	$3.30	$0.00	$0.14	$3.44	1.8%	0.0%	0.1%	1.9%	19.0%
1,500	$128.25	$125.94	$10.59	$264.78	$133.20	$125.94	$10.80	$269.94	$4.95	$0.00	$0.21	$5.16	1.9%	0.0%	0.1%	1.9%	9.8%
2,000	$167.30	$167.92	$13.97	$349.19	$173.90	$167.92	$14.24	$356.06	$6.60	$0.00	$0.27	$6.87	1.9%	0.0%	0.1%	2.0%	19.1%

		Present Rates		Proposed Rates	
Customer Charge		$10.00		$10.00	
RE Growth Factor		$0.35		$0.35	
LIHEAP Charge		$0.73		$0.73	
Transmission Energy Charge	kWh x	$0.02566		$0.02566	
Distribution Energy Charge	kWh x	$0.03852		$0.03852	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 200

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	4000	$394.46	$335.84	$30.43	$760.73	$407.66	$335.84	$30.98	$774.48	$13.20	$0.00	$0.55	$13.75	1.7%	0.0%	0.1%	1.8%
50	10000	$861.20	$839.60	$70.87	$1,771.67	$894.20	$839.60	$72.24	$1,806.04	$33.00	$0.00	$1.37	$34.37	1.9%	0.0%	0.1%	1.9%
100	20000	$1,639.10	$1,679.20	$138.26	$3,456.56	$1,705.10	$1,679.20	$141.01	$3,525.31	$66.00	$0.00	$2.75	$68.75	1.9%	0.0%	0.1%	2.0%
150	30000	$2,417.00	$2,518.80	$205.66	$5,141.46	$2,516.00	$2,518.80	$209.78	$5,244.58	$99.00	$0.00	$4.12	$103.12	1.9%	0.0%	0.1%	2.0%

		Present Rates		Proposed Rates	
Customer Charge		$135.00		$135.00	
RE Growth Factor		$3.37		$3.37	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.59		$3.59	
Transmission Energy Charge	kWh x	$0.01068		$0.01068	
Distribution Demand Charge-xcs 10 kW	kW x	$5.58		$5.58	
Distribution Energy Charge	kWh x	$0.00733		$0.00733	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 300

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	6000	$458.34	$503.76	$40.09	$1,002.19	$478.14	$503.76	$40.91	$1,022.81	$19.80	$0.00	$0.82	$20.62	2.0%	0.0%	0.1%	2.1%
50	15000	$1,020.90	$1,259.40	$95.01	$2,375.31	$1,070.40	$1,259.40	$97.08	$2,426.88	$49.50	$0.00	$2.07	$51.57	2.1%	0.0%	0.1%	2.2%
100	30000	$1,958.50	$2,518.80	$186.55	$4,663.85	$2,057.50	$2,518.80	$190.68	$4,766.98	$99.00	$0.00	$4.13	$103.13	2.1%	0.0%	0.1%	2.2%
150	45000	$2,896.10	$3,778.20	$278.10	$6,952.40	$3,044.60	$3,778.20	$284.28	$7,107.08	$148.50	$0.00	$6.18	$154.68	2.1%	0.0%	0.1%	2.2%

		Present Rates		Proposed Rates	
Customer Charge		$135.00		$135.00	
RE Growth Factor		$3.37		$3.37	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.59		$3.59	
Transmission Energy Charge	kWh x	$0.01068		$0.01068	
Distribution Demand Charge-xcs 10 kW	kW x	$5.58		$5.58	
Distribution Energy Charge	kWh x	$0.00733		$0.00733	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 400

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	8000	$522.22	$671.68	$49.75	$1,243.65	$548.62	$671.68	$50.85	$1,271.15	$26.40	$0.00	$1.10	$27.50	2.1%	0.0%	0.1%	2.2%
50	20000	$1,180.60	$1,679.20	$119.16	$2,978.96	$1,246.60	$1,679.20	$121.91	$3,047.71	$66.00	$0.00	$2.75	$68.75	2.2%	0.0%	0.1%	2.3%
100	40000	$2,277.90	$3,358.40	$234.85	$5,871.15	$2,409.90	$3,358.40	$240.35	$6,008.65	$132.00	$0.00	$5.50	$137.50	2.2%	0.0%	0.1%	2.3%
150	60000	$3,375.20	$5,037.60	$350.53	$8,763.33	$3,573.20	$5,037.60	$358.78	$8,969.58	$198.00	$0.00	$8.25	$206.25	2.3%	0.0%	0.1%	2.4%

		Present Rates		Proposed Rates	
Customer Charge		$135.00		$135.00	
RE Growth Factor		$3.37		$3.37	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.59		$3.59	
Transmission Energy Charge	kWh x	$0.01068		$0.01068	
Distribution Demand Charge-xcs 10 kW	kW x	$5.58		$5.58	
Distribution Energy Charge	kWh x	$0.00733		$0.00733	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 500

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	10000	$586.10	$839.60	$59.40	$1,485.10	$619.10	$839.60	$60.78	$1,519.48	$33.00	$0.00	$1.38	$34.38	2.2%	0.0%	0.1%	2.3%
50	25000	$1,340.30	$2,099.00	$143.30	$3,582.60	$1,422.80	$2,099.00	$146.74	$3,668.54	$82.50	$0.00	$3.44	$85.94	2.3%	0.0%	0.1%	2.4%
100	50000	$2,597.30	$4,198.00	$283.14	$7,078.44	$2,762.30	$4,198.00	$290.01	$7,250.31	$165.00	$0.00	$6.87	$171.87	2.3%	0.0%	0.1%	2.4%
150	75000	$3,854.30	$6,297.00	$422.97	$10,574.27	$4,101.80	$6,297.00	$433.28	$10,832.08	$247.50	$0.00	$10.31	$257.81	2.3%	0.0%	0.1%	2.4%

		Present Rates		Proposed Rates	
Customer Charge		$135.00		$135.00	
RE Growth Factor		$3.37		$3.37	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.59		$3.59	
Transmission Energy Charge	kWh x	$0.01068		$0.01068	
Distribution Demand Charge-xcs 10 kW	kW x	$5.58		$5.58	
Distribution Energy Charge	kWh x	$0.00733		$0.00733	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-02 Rate Customers

Hours Use: 600

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	12000	$649.98	$1,007.52	$69.06	$1,726.56	$689.58	$1,007.52	$70.71	$1,767.81	$39.60	$0.00	$1.65	$41.25	2.3%	0.0%	0.1%	2.4%
50	30000	$1,500.00	$2,518.80	$167.45	$4,186.25	$1,599.00	$2,518.80	$171.58	$4,289.38	$99.00	$0.00	$4.13	$103.13	2.4%	0.0%	0.1%	2.5%
100	60000	$2,916.70	$5,037.60	$331.43	$8,285.73	$3,114.70	$5,037.60	$339.68	$8,491.98	$198.00	$0.00	$8.25	$206.25	2.4%	0.0%	0.1%	2.5%
150	90000	$4,333.40	$7,556.40	$495.41	$12,385.21	$4,630.40	$7,556.40	$507.78	$12,694.58	$297.00	$0.00	$12.37	$309.37	2.4%	0.0%	0.1%	2.5%

		Present Rates		Proposed Rates	
Customer Charge		$135.00		$135.00	
RE Growth Factor		$3.37		$3.37	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.59		$3.59	
Transmission Energy Charge	kWh x	$0.01068		$0.01068	
Distribution Demand Charge-xcs 10 kW	kW x	$5.58		$5.58	
Distribution Energy Charge	kWh x	$0.00733		$0.00733	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.08396		$0.08396	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 200

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	40,000	$2,927.42	$1,998.40	$205.24	$5,131.06	$3,059.42	$1,998.40	$210.74	$5,268.56	$132.00	$0.00	$5.50	$137.50	2.6%	0.0%	0.1%	2.7%
750	150,000	$11,081.72	$7,494.00	$773.99	$19,349.71	$11,576.72	$7,494.00	$794.61	$19,865.33	$495.00	$0.00	$20.62	$515.62	2.6%	0.0%	0.1%	2.7%
1,000	200,000	$14,788.22	$9,992.00	$1,032.51	$25,812.73	$15,448.22	$9,992.00	$1,060.01	$26,500.23	$660.00	$0.00	$27.50	$687.50	2.6%	0.0%	0.1%	2.7%
1,500	300,000	$22,201.22	$14,988.00	$1,549.55	$38,738.77	$23,191.22	$14,988.00	$1,590.80	$39,770.02	$990.00	$0.00	$41.25	$1,031.25	2.6%	0.0%	0.1%	2.7%
2,500	500,000	$37,027.22	$24,980.00	$2,583.63	$64,590.85	$38,677.22	$24,980.00	$2,652.38	$66,309.60	$1,650.00	$0.00	$68.75	$1,718.75	2.6%	0.0%	0.1%	2.7%

		Present Rates		Proposed Rates	
Customer Charge		$825.00		$825.00	
RE Growth Factor		$24.49		$24.49	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.97		$3.97	
Transmission Energy Charge	kWh x	$0.01047		$0.01047	
Distribution Demand Charge-xcs 10 kW	kW x	$4.44		$4.44	
Distribution Energy Charge	kWh x	$0.00768		$0.00768	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 300

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	60,000	$3,569.02	$2,997.60	$273.61	$6,840.23	$3,767.02	$2,997.60	$281.86	$7,046.48	$198.00	$0.00	$8.25	$206.25	2.9%	0.0%	0.1%	3.0%
750	225,000	$13,487.72	$11,241.00	$1,030.36	$25,759.08	$14,230.22	$11,241.00	$1,061.30	$26,532.52	$742.50	$0.00	$30.94	$773.44	2.9%	0.0%	0.1%	3.0%
1,000	300,000	$17,996.22	$14,988.00	$1,374.34	$34,358.56	$18,986.22	$14,988.00	$1,415.59	$35,389.81	$990.00	$0.00	$41.25	$1,031.25	2.9%	0.0%	0.1%	3.0%
1,500	450,000	$27,013.22	$22,482.00	$2,062.30	$51,557.52	$28,498.22	$22,482.00	$2,124.18	$53,104.40	$1,485.00	$0.00	$61.88	$1,546.88	2.9%	0.0%	0.1%	3.0%
2,500	750,000	$45,047.22	$37,470.00	$3,438.22	$85,955.44	$47,522.22	$37,470.00	$3,541.34	$88,533.56	$2,475.00	$0.00	$103.12	$2,578.12	2.9%	0.0%	0.1%	3.0%

		Present Rates		Proposed Rates	
Customer Charge		$825.00		$825.00	
RE Growth Factor		$24.49		$24.49	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.97		$3.97	
Transmission Energy Charge	kWh x	$0.01047		$0.01047	
Distribution Demand Charge-xcs 10 kW	kW x	$4.44		$4.44	
Distribution Energy Charge	kWh x	$0.00768		$0.00768	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 400

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	80,000	$4,210.62	$3,996.80	$341.98	$8,549.40	$4,474.62	$3,996.80	$352.98	$8,824.40	$264.00	$0.00	$11.00	$275.00	3.1%	0.0%	0.1%	3.2%
750	300,000	$15,893.72	$14,988.00	$1,286.74	$32,168.46	$16,883.72	$14,988.00	$1,327.99	$33,199.71	$990.00	$0.00	$41.25	$1,031.25	3.1%	0.0%	0.1%	3.2%
1,000	400,000	$21,204.22	$19,984.00	$1,716.18	$42,904.40	$22,524.22	$19,984.00	$1,771.18	$44,279.40	$1,320.00	$0.00	$55.00	$1,375.00	3.1%	0.0%	0.1%	3.2%
1,500	600,000	$31,825.22	$29,976.00	$2,575.05	$64,376.27	$33,805.22	$29,976.00	$2,657.55	$66,438.77	$1,980.00	$0.00	$82.50	$2,062.50	3.1%	0.0%	0.1%	3.2%
2,500	1,000,000	$53,067.22	$49,960.00	$4,292.80	$107,320.02	$56,367.22	$49,960.00	$4,430.30	$110,757.52	$3,300.00	$0.00	$137.50	$3,437.50	3.1%	0.0%	0.1%	3.2%

		Present Rates		Proposed Rates	
Customer Charge		$825.00		$825.00	
RE Growth Factor		$24.49		$24.49	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.97		$3.97	
Transmission Energy Charge	kWh x	$0.01047		$0.01047	
Distribution Demand Charge-xcs 10 kW	kW x	$4.44		$4.44	
Distribution Energy Charge	kWh x	$0.00768		$0.00768	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 500

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	100,000	$4,852.22	$4,996.00	$410.34	$10,258.56	$5,182.22	$4,996.00	$424.09	$10,602.31	$330.00	$0.00	$13.75	$343.75	3.2%	0.0%	0.1%	3.4%
750	375,000	$18,299.72	$18,735.00	$1,543.11	$38,577.83	$19,537.22	$18,735.00	$1,594.68	$39,866.90	$1,237.50	$0.00	$51.57	$1,289.07	3.2%	0.0%	0.1%	3.3%
1,000	500,000	$24,412.22	$24,980.00	$2,058.01	$51,450.23	$26,062.22	$24,980.00	$2,126.76	$53,168.98	$1,650.00	$0.00	$68.75	$1,718.75	3.2%	0.0%	0.1%	3.3%
1,500	750,000	$36,637.22	$37,470.00	$3,087.80	$77,195.02	$39,112.22	$37,470.00	$3,190.93	$79,773.15	$2,475.00	$0.00	$103.13	$2,578.13	3.2%	0.0%	0.1%	3.3%
2,500	1,250,000	$61,087.22	$62,450.00	$5,147.38	$128,684.60	$65,212.22	$62,450.00	$5,319.26	$132,981.48	$4,125.00	$0.00	$171.88	$4,296.88	3.2%	0.0%	0.1%	3.3%

		Present Rates		Proposed Rates	
Customer Charge		$825.00		$825.00	
RE Growth Factor		$24.49		$24.49	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.97		$3.97	
Transmission Energy Charge	kWh x	$0.01047		$0.01047	
Distribution Demand Charge-xcs 10 kW	kW x	$4.44		$4.44	
Distribution Energy Charge	kWh x	$0.00768		$0.00768	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-32 Rate Customers

Hours Use: 600

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	120,000	$5,493.82	$5,995.20	$478.71	$11,967.73	$5,889.82	$5,995.20	$495.21	$12,380.23	$396.00	$0.00	$16.50	$412.50	3.3%	0.0%	0.1%	3.4%
750	450,000	$20,705.72	$22,482.00	$1,799.49	$44,987.21	$22,190.72	$22,482.00	$1,861.36	$46,534.08	$1,485.00	$0.00	$61.87	$1,546.87	3.3%	0.0%	0.1%	3.4%
1,000	600,000	$27,620.22	$29,976.00	$2,399.84	$59,996.06	$29,600.22	$29,976.00	$2,482.34	$62,058.56	$1,980.00	$0.00	$82.50	$2,062.50	3.3%	0.0%	0.1%	3.4%
1,500	900,000	$41,449.22	$44,964.00	$3,600.55	$90,013.77	$44,419.22	$44,964.00	$3,724.30	$93,107.52	$2,970.00	$0.00	$123.75	$3,093.75	3.3%	0.0%	0.1%	3.4%
2,500	1,500,000	$69,107.22	$74,940.00	$6,001.97	$150,049.19	$74,057.22	$74,940.00	$6,208.22	$155,205.44	$4,950.00	$0.00	$206.25	$5,156.25	3.3%	0.0%	0.1%	3.4%

		Present Rates		Proposed Rates	
Customer Charge		$825.00		$825.00	
RE Growth Factor		$24.49		$24.49	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.97		$3.97	
Transmission Energy Charge	kWh x	$0.01047		$0.01047	
Distribution Demand Charge-xcs 10 kW	kW x	$4.44		$4.44	
Distribution Energy Charge	kWh x	$0.00768		$0.00768	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 200

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	600,000	$56,258.03	$29,976.00	$3,593.08	$89,827.11	$58,238.03	$29,976.00	$3,675.58	$91,889.61	$1,980.00	$0.00	$82.50	$2,062.50	2.2%	0.0%	0.1%	2.3%
5,000	1,000,000	$82,070.03	$49,960.00	$5,501.25	$137,531.28	$85,370.03	$49,960.00	$5,638.75	$140,968.78	$3,300.00	$0.00	$137.50	$3,437.50	2.4%	0.0%	0.1%	2.5%
7,500	1,500,000	$114,335.03	$74,940.00	$7,886.46	$197,161.49	$119,285.03	$74,940.00	$8,092.71	$202,317.74	$4,950.00	$0.00	$206.25	$5,156.25	2.5%	0.0%	0.1%	2.6%
10,000	2,000,000	$146,600.03	$99,920.00	$10,271.67	$256,791.70	$153,200.03	$99,920.00	$10,546.67	$263,666.70	$6,600.00	$0.00	$275.00	$6,875.00	2.6%	0.0%	0.1%	2.7%
20,000	4,000,000	$275,660.03	$199,840.00	$19,812.50	$495,312.53	$288,860.03	$199,840.00	$20,362.50	$509,062.53	$13,200.00	$0.00	$550.00	$13,750.00	2.7%	0.0%	0.1%	2.8%

		Present Rates		Proposed Rates	
Customer Charge		$17,000.00		$17,000.00	
RE Growth Factor		$539.30		$539.30	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.22		$3.22	
Transmission Energy Charge	kWh x	$0.01378		$0.01378	
Distribution Demand Charge-xcs 10 kW	kW x	$3.81		$3.81	
Distribution Energy Charge	kWh x	$0.00167		$0.00167	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 300

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	900,000	$65,072.03	$44,964.00	$4,584.83	$114,620.86	$68,042.03	$44,964.00	$4,708.58	$117,714.61	$2,970.00	$0.00	$123.75	$3,093.75	2.6%	0.0%	0.1%	2.7%
5,000	1,500,000	$96,760.03	$74,940.00	$7,154.17	$178,854.20	$101,710.03	$74,940.00	$7,360.42	$184,010.45	$4,950.00	$0.00	$206.25	$5,156.25	2.8%	0.0%	0.1%	2.9%
7,500	2,250,000	$136,370.03	$112,410.00	$10,365.83	$259,145.86	$143,795.03	$112,410.00	$10,675.21	$266,880.24	$7,425.00	$0.00	$309.38	$7,734.38	2.9%	0.0%	0.1%	3.0%
10,000	3,000,000	$175,980.03	$149,880.00	$13,577.50	$339,437.53	$185,880.03	$149,880.00	$13,990.00	$349,750.03	$9,900.00	$0.00	$412.50	$10,312.50	2.9%	0.0%	0.1%	3.0%
20,000	6,000,000	$334,420.03	$299,760.00	$26,424.17	$660,604.20	$354,220.03	$299,760.00	$27,249.17	$681,229.20	$19,800.00	$0.00	$825.00	$20,625.00	3.0%	0.0%	0.1%	3.1%

		Present Rates		Proposed Rates	
Customer Charge		$17,000.00		$17,000.00	
RE Growth Factor		$539.30		$539.30	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.22		$3.22	
Transmission Energy Charge	kWh x	$0.01378		$0.01378	
Distribution Demand Charge-xcs 10 kW	kW x	$3.81		$3.81	
Distribution Energy Charge	kWh x	$0.00167		$0.00167	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 400

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,200,000	$73,886.03	$59,952.00	$5,576.58	$139,414.61	$77,846.03	$59,952.00	$5,741.58	$143,539.61	$3,960.00	$0.00	$165.00	$4,125.00	2.8%	0.0%	0.1%	3.0%
5,000	2,000,000	$111,450.03	$99,920.00	$8,807.08	$220,177.11	$118,050.03	$99,920.00	$9,082.08	$227,052.11	$6,600.00	$0.00	$275.00	$6,875.00	3.0%	0.0%	0.1%	3.1%
7,500	3,000,000	$158,405.03	$149,880.00	$12,845.21	$321,130.24	$168,305.03	$149,880.00	$13,257.71	$331,442.74	$9,900.00	$0.00	$412.50	$10,312.50	3.1%	0.0%	0.1%	3.2%
10,000	4,000,000	$205,360.03	$199,840.00	$16,883.33	$422,083.36	$218,560.03	$199,840.00	$17,433.33	$435,833.36	$13,200.00	$0.00	$550.00	$13,750.00	3.1%	0.0%	0.1%	3.3%
20,000	8,000,000	$393,180.03	$399,680.00	$33,035.83	$825,895.86	$419,580.03	$399,680.00	$34,135.83	$853,395.86	$26,400.00	$0.00	$1,100.00	$27,500.00	3.2%	0.0%	0.1%	3.3%

		Present Rates		Proposed Rates	
Customer Charge		$17,000.00		$17,000.00	
RE Growth Factor		$539.30		$539.30	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.22		$3.22	
Transmission Energy Charge	kWh x	$0.01378		$0.01378	
Distribution Demand Charge-xcs 10 kW	kW x	$3.81		$3.81	
Distribution Energy Charge	kWh x	$0.00167		$0.00167	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 500

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,500,000	$82,700.03	$74,940.00	$6,568.33	$164,208.36	$87,650.03	$74,940.00	$6,774.58	$169,364.61	$4,950.00	$0.00	$206.25	$5,156.25	3.0%	0.0%	0.1%	3.1%
5,000	2,500,000	$126,140.03	$124,900.00	$10,460.00	$261,500.03	$134,390.03	$124,900.00	$10,803.75	$270,093.78	$8,250.00	$0.00	$343.75	$8,593.75	3.2%	0.0%	0.1%	3.3%
7,500	3,750,000	$180,440.03	$187,350.00	$15,324.58	$383,114.61	$192,815.03	$187,350.00	$15,840.21	$396,005.24	$12,375.00	$0.00	$515.63	$12,890.63	3.2%	0.0%	0.1%	3.4%
10,000	5,000,000	$234,740.03	$249,800.00	$20,189.17	$504,729.20	$251,240.03	$249,800.00	$20,876.67	$521,916.70	$16,500.00	$0.00	$687.50	$17,187.50	3.3%	0.0%	0.1%	3.4%
20,000	10,000,000	$451,940.03	$499,600.00	$39,647.50	$991,187.53	$484,940.03	$499,600.00	$41,022.50	$1,025,562.53	$33,000.00	$0.00	$1,375.00	$34,375.00	3.3%	0.0%	0.1%	3.5%

		Present Rates		Proposed Rates	
Customer Charge		$17,000.00		$17,000.00	
RE Growth Factor		$539.30		$539.30	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.22		$3.22	
Transmission Energy Charge	kWh x	$0.01378		$0.01378	
Distribution Demand Charge-xcs 10 kW	kW x	$3.81		$3.81	
Distribution Energy Charge	kWh x	$0.00167		$0.00167	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh

Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to G-62 Rate Customers

Hours Use: 600

Monthly Power		Present Rates				Proposed Rates				Increase (Decrease)							
										$				% of Total Bill			
kW	kWh	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,800,000	$91,514.03	$89,928.00	$7,560.08	$189,002.11	$97,454.03	$89,928.00	$7,807.58	$195,189.61	$5,940.00	$0.00	$247.50	$6,187.50	3.1%	0.0%	0.1%	3.3%
5,000	3,000,000	$140,830.03	$149,880.00	$12,112.92	$302,822.95	$150,730.03	$149,880.00	$12,525.42	$313,135.45	$9,900.00	$0.00	$412.50	$10,312.50	3.3%	0.0%	0.1%	3.4%
7,500	4,500,000	$202,475.03	$224,820.00	$17,803.96	$445,098.99	$217,325.03	$224,820.00	$18,422.71	$460,567.74	$14,850.00	$0.00	$618.75	$15,468.75	3.3%	0.0%	0.1%	3.5%
10,000	6,000,000	$264,120.03	$299,760.00	$23,495.00	$587,375.03	$283,920.03	$299,760.00	$24,320.00	$608,000.03	$19,800.00	$0.00	$825.00	$20,625.00	3.4%	0.0%	0.1%	3.5%
20,000	12,000,000	$510,700.03	$599,520.00	$46,259.17	$1,156,479.20	$550,300.03	$599,520.00	$47,909.17	$1,197,729.20	$39,600.00	$0.00	$1,650.00	$41,250.00	3.4%	0.0%	0.1%	3.6%

		Present Rates		Proposed Rates	
Customer Charge		$17,000.00		$17,000.00	
RE Growth Factor		$539.30		$539.30	
LIHEAP Charge		$0.73		$0.73	
Transmission Demand Charge	kW x	$3.22		$3.22	
Transmission Energy Charge	kWh x	$0.01378		$0.01378	
Distribution Demand Charge-xcs 10 kW	kW x	$3.81		$3.81	
Distribution Energy Charge	kWh x	$0.00167		$0.00167	
Transition Energy Charge	kWh x	($0.00058)		($0.00058)	
Energy Efficiency Program Charge	kWh x	$0.01107		$0.01107	
Renewable Energy Distribution Charge	kWh x	$0.00344	(1)	$0.00674	(2)
Gross Earnings Tax		4%		4%	
Standard Offer Charge	kWh x	$0.04996		$0.04996	

Note (1): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the current LTCRER Recovery Factor of 0.221¢/kWh

Note (2): includes the current Net Metering Charge of 0.007¢/kWh, the current LTCRER Reconciliation Factor of 0.116¢/kWh, and the revised proposed LTCRER Recovery Factor of 0.551¢/kWh