

June 21, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4686 - Request for Approval of Storm Contingency Fund Replenishment Responses to PUC Data Requests – Set 2

Dear Ms. Massaro:

On behalf of National Grid,¹ I enclose ten (10) copies of the Company's responses to the second set of data requests issued by the Rhode Island Public Utilities Commission in the above-referenced docket.

Thank you for your attention to this filing. If you have any questions concerning this transmittal, please contact me at 781-907-2153.

Very truly yours,



Celia B. O'Brien

Enclosures

cc: Docket 4686 Service List
Leo Wold, Esq.
Steve Scialabba, RI Division
John Bell, RI Division

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

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

June 21, 2017
Date

**Docket No. 4686 – National Grid’s Storm Contingency Fund Replenishment
Service List as of 1/26/17**

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
In Re: National Grid's Request for Approval of
Storm Contingency Fund Replenishment
Responses to Commission's Second Set of Data Requests
Issued on June 14, 2017

PUC 2-1

Request:

Please calculate a factor for effect on July 1, 2017 that would be designed to recover \$73,635,000 over a four-year period. Please provide supporting schedules which are based on the same underlying assumptions used to calculate the factor proposed by National Grid in its initial petition.

Response:

Please see Attachment PUC 2-1 for the calculation of an illustrative factor that is designed to recover \$73,635,000 over a four-year period, based on the same underlying assumptions (i.e., forecasted kWh for the period April 2017 through March 2021) that were used to calculate the Storm Fund Replenishment Factor proposed by the Company in its petition filed on December 29, 2016 in this docket. Page 1 of this attachment is a revision of Schedule NG-7 of the Company's initial petition, while Pages 2 through 4 of the attachment are a revision of Schedule NG-4(A) and NG-4(B) of the initial petition, based on the same underlying assumptions used in that petition.

The Narragansett Electric Company
Four Year Storm Fund Replenishment Factor Calculation

(1)	Amount to be Recovered	\$73,635,000
(2)	Forecasted kWh (April 2017 - March 2021)	29,219,275,152
(3)	Illustrative Storm Fund Replenishment Factor per kWh Commencing July 2017	\$0.00252

Line Notes:

- (1) Per question PUC 2-1
- (2) Same forecasted kWh used in the Company's December 2016 filing
- (3) Line (1) ÷ Line 2, truncated to 5 decimal places

The Narragansett Electric Company
d/b/a National Grid
Storm Fund Replenishment Factor
Calculation of Storm Fund Replenishment Factor
Effective April 2017

Includes Extending Annual \$3 Million of Supplemental Contributions Through Expiration of Storm Fund Deficit

Line No.	Expiration of Deficit	Period Ended 03/31/21
1	Storm Fund Deficit/(Surplus) as of November 30, 2016	\$94,176,142
2	Base Rate Contributions: Sandy - December 1, 2016 through Expiration on January 30, 2019	(\$6,500,000)
3	Extension of Annual \$3 Million of Supplemental Contributions Beyond January 30, 2019	(\$6,500,000)
4	Estimated Pole Attachment Revenues - December 1, 2016 through Expiration of Deficit	(\$1,800,830)
5	Estimated Interest - December 1, 2016 through Expiration of Deficit	\$5,351,190
6	Illustrative Storm Fund Replenishment Factor Amount Commencing April 2017	<u>(\$73,635,000)</u>
7	Storm Fund Deficit/(Surplus) at March 31, 2021	<u>\$11,091,502</u>
8	Avoided Interest as Compared to No Change in Funding	\$19,459,926

Line Notes:

- 1 - Attachment PUC 2-1, Page 3, Column (a), Line 1
- 2 - Attachment PUC 2-1, Page 3, Column (c), Lines 1 through 26
- 3 - Attachment PUC 2-1, Pages 3 and 2, Column (e), Lines 27 through 52
- 4 - Attachment PUC 2-1, Page 4, Column (k), Line 53
- 5 - Attachment PUC 2-1, Page 4, Column (g), Line 53
- 6 - Attachment PUC 2-1, Page 4, Column (e), Line 53
- 7 Sum of Lines 1 through 6
- 8 - Line 5 + RIPUC Docket No. 4686, Schedule NG-2(A), Line 4

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
Storm Fund Replenishment Factor
Attachment PUC 2-1
Page 3 of 4

The Narragansett Electric Company
d/b/a National Grid
Storm Fund Replenishment Factor
Recovery of Storm Fund Deficit

Projected Storm Fund Deficit with Continuation of Annual \$3 Million of Supplemental Contributions Approved in RIPUC Docket No. 4323 Plus Additional Supplemental Contributions Over 4 Years Beginning April 2017

Line No.	Month	Beginning Balance (a)	Monthly Contributions					Total Monthly Contributions (f)	Monthly Interest (g)	Storm Charges - December 2016 Thereafter			Adjustments (k)	Ending Balance (l)
			Monthly Contribution (b)	Monthly Contribution (c)	Monthly Contribution (d)	Supplemental Contribution (e)	Filed Storms (h)			Unfiled Storms (i)	Total Storm Charges (j)			
1	December-16	(\$94,176,142)	\$0	\$250,000	\$0	\$0	\$250,000	(\$168,491)	\$0	\$0	\$0	\$360,166	(\$93,734,467)	
2	January-17	(93,734,467)	-	250,000	-	-	250,000	(167,383)	-	-	-	-	(93,651,849)	
3	February-17	(93,651,849)	-	250,000	-	-	250,000	(167,235)	-	-	-	-	(93,569,085)	
4	March-17	(93,569,085)	-	250,000	-	-	250,000	(167,088)	-	-	-	-	(93,486,172)	
5	April-17	(93,486,172)	-	250,000	-	1,534,063	1,784,063	(166,940)	-	-	-	-	(91,869,050)	
6	May-17	(91,869,050)	-	250,000	-	1,534,063	1,784,063	(165,424)	-	-	-	-	(90,250,411)	
7	June-17	(90,250,411)	-	250,000	-	1,534,063	1,784,063	(162,537)	-	-	-	-	(88,628,886)	
8	July-17	(88,628,886)	-	250,000	-	1,534,063	1,784,063	(159,646)	-	-	-	-	(87,004,469)	
9	August-17	(87,004,469)	-	250,000	-	1,534,063	1,784,063	(156,749)	-	-	-	-	(85,377,156)	
10	September-17	(85,377,156)	-	250,000	-	1,534,063	1,784,063	(153,847)	-	-	-	-	(83,746,940)	
11	October-17	(83,746,940)	-	250,000	-	1,534,063	1,784,063	(150,939)	-	-	-	-	(82,113,817)	
12	November-17	(82,113,817)	-	250,000	-	1,534,063	1,784,063	(148,027)	-	-	-	-	(80,477,781)	
13	December-17	(80,477,781)	-	250,000	-	1,534,063	1,784,063	(145,109)	-	-	-	360,166	(78,478,662)	
14	January-18	(78,478,662)	-	250,000	-	1,534,063	1,784,063	(141,544)	-	-	-	-	(76,836,144)	
15	February-18	(76,836,144)	-	250,000	-	1,534,063	1,784,063	(138,615)	-	-	-	-	(75,190,697)	
16	March-18	(75,190,697)	-	250,000	-	1,534,063	1,784,063	(135,681)	-	-	-	-	(73,542,315)	
17	April-18	(73,542,315)	-	250,000	-	1,534,063	1,784,063	(132,741)	-	-	-	-	(71,890,994)	
18	May-18	(71,890,994)	-	250,000	-	1,534,063	1,784,063	(129,796)	-	-	-	-	(70,236,728)	
19	June-18	(70,236,728)	-	250,000	-	1,534,063	1,784,063	(126,846)	-	-	-	-	(68,579,512)	
20	July-18	(68,579,512)	-	250,000	-	1,534,063	1,784,063	(123,891)	-	-	-	-	(66,919,340)	
21	August-18	(66,919,340)	-	250,000	-	1,534,063	1,784,063	(120,930)	-	-	-	-	(65,256,208)	
22	September-18	(65,256,208)	-	250,000	-	1,534,063	1,784,063	(117,964)	-	-	-	-	(63,590,110)	
23	October-18	(63,590,110)	-	250,000	-	1,534,063	1,784,063	(114,993)	-	-	-	-	(61,921,040)	
24	November-18	(61,921,040)	-	250,000	-	1,534,063	1,784,063	(112,017)	-	-	-	-	(60,248,995)	
25	December-18	(60,248,995)	-	250,000	-	1,534,063	1,784,063	(109,035)	-	-	-	360,166	(58,213,801)	
26	January-19	(58,213,801)	-	250,000	-	1,534,063	1,784,063	(105,405)	-	-	-	-	(56,535,144)	
27	February-19	(56,535,144)	-	250,000	-	1,534,063	1,784,063	(102,412)	-	-	-	-	(54,853,493)	
28	March-19	(54,853,493)	-	250,000	-	1,534,063	1,784,063	(99,413)	-	-	-	-	(53,168,844)	
29	April-19	(53,168,844)	-	250,000	-	1,534,063	1,784,063	(96,409)	-	-	-	-	(51,481,190)	
30	May-19	(51,481,190)	-	250,000	-	1,534,063	1,784,063	(93,399)	-	-	-	-	(49,790,526)	
31	June-19	(49,790,526)	-	250,000	-	1,534,063	1,784,063	(90,384)	-	-	-	-	(48,096,847)	
32	July-19	(48,096,847)	-	250,000	-	1,534,063	1,784,063	(87,364)	-	-	-	-	(46,400,148)	
33	August-19	(46,400,148)	-	250,000	-	1,534,063	1,784,063	(84,338)	-	-	-	-	(44,700,424)	
34	September-19	(44,700,424)	-	250,000	-	1,534,063	1,784,063	(81,307)	-	-	-	-	(42,997,668)	
35	October-19	(42,997,668)	-	250,000	-	1,534,063	1,784,063	(78,270)	-	-	-	-	(41,291,875)	
36	November-19	(41,291,875)	-	250,000	-	1,534,063	1,784,063	(75,228)	-	-	-	-	(39,583,041)	
37	December-19	(39,583,041)	-	250,000	-	1,534,063	1,784,063	(72,181)	-	-	-	360,166	(37,510,993)	
38	January-20	(37,510,993)	-	250,000	-	1,534,063	1,784,063	(68,485)	-	-	-	-	(35,795,416)	
39	February-20	(35,795,416)	-	250,000	-	1,534,063	1,784,063	(65,426)	-	-	-	-	(34,076,779)	
40	March-20	(34,076,779)	-	250,000	-	1,534,063	1,784,063	(62,361)	-	-	-	-	(32,355,078)	

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
Storm Fund Replenishment Factor
Attachment PUC 2-1
Page 4 of 4

The Narragansett Electric Company
d/b/a National Grid
Storm Fund Replenishment Factor
Recovery of Storm Fund Deficit

Projected Storm Fund Deficit with Continuation of Annual \$3 Million of Supplemental Contributions Approved in RIPUC Docket No. 4323 Plus Additional Supplemental Contributions Over 4 Years Beginning April 2017

Line No.	Month	Beginning Balance (a)	Monthly Contributions				Total Monthly Contributions (f)	Monthly Interest (g)	Storm Charges - December 2016 Thereafter			Adjustments (k)	Ending Balance (l)
			Monthly Contribution (b)	Monthly Contribution (c)	Monthly Contribution (d)	Supplemental Contribution (e)			Filed Storms (h)	Unfiled Storms (i)	Total Storm Charges (j)		
41	April-20	(32,355,078)	-	250,000	-	1,534,063	1,784,063	(59,291)	-	-	-	-	(30,630,306)
42	May-20	(30,630,306)	-	250,000	-	1,534,063	1,784,063	(56,215)	-	-	-	-	(28,902,458)
43	June-20	(28,902,458)	-	250,000	-	1,534,063	1,784,063	(53,134)	-	-	-	-	(27,171,529)
44	July-20	(27,171,529)	-	250,000	-	1,534,063	1,784,063	(50,047)	-	-	-	-	(25,437,513)
45	August-20	(25,437,513)	-	250,000	-	1,534,063	1,784,063	(46,954)	-	-	-	-	(23,700,405)
46	September-20	(23,700,405)	-	250,000	-	1,534,063	1,784,063	(43,857)	-	-	-	-	(21,960,199)
47	October-20	(21,960,199)	-	250,000	-	1,534,063	1,784,063	(40,753)	-	-	-	-	(20,216,890)
48	November-20	(20,216,890)	-	250,000	-	1,534,063	1,784,063	(37,644)	-	-	-	-	(18,470,471)
49	December-20	(18,470,471)	-	250,000	-	1,534,063	1,784,063	(34,530)	-	-	-	360,166	(16,360,773)
50	January-21	(16,360,773)	-	250,000	-	1,534,063	1,784,063	(30,768)	-	-	-	-	(14,607,478)
51	February-21	(14,607,478)	-	250,000	-	1,534,063	1,784,063	(27,641)	-	-	-	-	(12,851,056)
52	March-21	(12,851,056)	-	250,000	-	1,534,063	1,784,063	(24,509)	-	-	-	-	(11,091,502)
53	Period Ended 03/31/21	(\$94,176,142)	\$0	\$13,000,000	\$0	\$73,635,000	\$86,635,000	(\$5,351,190)	\$0	\$0	\$0	\$1,800,830	(\$11,091,502)

Column Notes:

- (a) RIPUC Docket No. 4686, Schedule NG-1(A), Page 3, Column (k), Line 84.
- (b) Per RIPUC Docket No. 4323, an additional \$3.0 million is to be contributed annually to the Storm Fund for a period of six years commencing February 1, 2013. Analysis assumes continued recovery until the deficit at November 30, 2016 is extinguished.
- (c) Illustrative Supplemental recovery amount required to restore the Storm Fund to a positive balance in four years beginning April 1, 2017.
- (d) Interest amount beginning in March 2016 and months thereafter is calculated using the interest rate on customer deposits of 2.14% as filed with the Commission on January 6, 2016.
- (e) Assumes no additional qualifying storm events after April 2016.
- (f) Assumes no additional qualifying storm events after April 2016.
- (g) For each December, amounts represent 50% of attachment fee revenue in excess of \$850,000. Years after calendar year 2015 reflect attachment fee revenues at the 2015 level. Costs related to the amount of non-deferrable storm expense are within the base rate allowance of \$3,722,000 +/- a \$2 million collar as per the Amended Settlement Agreement in RIPUC Docket No. 4323, thereby requiring no adjustment to the Storm Fund.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
In Re: National Grid's Request for Approval of
Storm Contingency Fund Replenishment
Responses to Commission's Second Set of Data Requests
Issued on June 14, 2017

PUC 2-2

Request:

Please provide the bill impact schedules for the response to PUC-2-1.

Response:

Please see Attachment PUC 2-2 for the bill impacts based on the illustrative factor calculated in response to PUC 2-1.

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

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease)								Percentage of Customers
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill				
									Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
150	\$20.05	\$9.34	\$1.22	\$30.61	\$20.43	\$9.34	\$1.24	\$31.01	\$0.38	\$0.00	\$0.02	\$0.40	1.2%	0.0%	0.1%	1.3%	13.7%
300	\$34.07	\$18.68	\$2.20	\$54.95	\$34.82	\$18.68	\$2.23	\$55.73	\$0.75	\$0.00	\$0.03	\$0.78	1.4%	0.0%	0.1%	1.4%	17.5%
400	\$43.41	\$24.91	\$2.85	\$71.17	\$44.42	\$24.91	\$2.89	\$72.22	\$1.01	\$0.00	\$0.04	\$1.05	1.4%	0.0%	0.1%	1.5%	11.8%
500	\$52.76	\$31.14	\$3.50	\$87.40	\$54.02	\$31.14	\$3.55	\$88.71	\$1.26	\$0.00	\$0.05	\$1.31	1.4%	0.0%	0.1%	1.5%	10.8%
600	\$62.10	\$37.37	\$4.14	\$103.61	\$63.61	\$37.37	\$4.21	\$105.19	\$1.51	\$0.00	\$0.07	\$1.58	1.5%	0.0%	0.1%	1.5%	9.4%
700	\$71.45	\$43.60	\$4.79	\$119.84	\$73.21	\$43.60	\$4.87	\$121.68	\$1.76	\$0.00	\$0.08	\$1.84	1.5%	0.0%	0.1%	1.5%	7.7%
1,200	\$118.17	\$74.74	\$8.04	\$200.95	\$121.19	\$74.74	\$8.16	\$204.09	\$3.02	\$0.00	\$0.12	\$3.14	1.5%	0.0%	0.1%	1.6%	15.0%
2,000	\$192.93	\$124.56	\$13.23	\$330.72	\$197.97	\$124.56	\$13.44	\$335.97	\$5.04	\$0.00	\$0.21	\$5.25	1.5%	0.0%	0.1%	1.6%	14.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.00		\$5.00
RE Growth Factor		\$0.22		\$0.22
LIHEAP Charge		\$0.81		\$0.81
Transmission Energy Charge	kWh x	\$0.03179		\$0.03179
Distribution Energy Charge	kWh x	\$0.04278	(1)	\$0.04530
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.06228		\$0.06228

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease)								Percentage of Customers
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill				
									Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
150	\$13.03	\$9.34	\$0.93	\$23.30	\$13.41	\$9.34	\$0.95	\$23.70	\$0.38	\$0.00	\$0.02	\$0.40	1.6%	0.0%	0.1%	1.7%	13.7%
300	\$25.02	\$18.68	\$1.82	\$45.52	\$25.78	\$18.68	\$1.85	\$46.31	\$0.76	\$0.00	\$0.03	\$0.79	1.7%	0.0%	0.1%	1.7%	17.5%
400	\$33.02	\$24.91	\$2.41	\$60.34	\$34.03	\$24.91	\$2.46	\$61.40	\$1.01	\$0.00	\$0.05	\$1.06	1.7%	0.0%	0.1%	1.8%	11.8%
500	\$41.02	\$31.14	\$3.01	\$75.17	\$42.28	\$31.14	\$3.06	\$76.48	\$1.26	\$0.00	\$0.05	\$1.31	1.7%	0.0%	0.1%	1.7%	10.8%
600	\$49.02	\$37.37	\$3.60	\$89.99	\$50.53	\$37.37	\$3.66	\$91.56	\$1.51	\$0.00	\$0.06	\$1.57	1.7%	0.0%	0.1%	1.7%	9.4%
700	\$57.02	\$43.60	\$4.19	\$104.81	\$58.78	\$43.60	\$4.27	\$106.65	\$1.76	\$0.00	\$0.08	\$1.84	1.7%	0.0%	0.1%	1.8%	7.7%
1,200	\$97.01	\$74.74	\$7.16	\$178.91	\$100.03	\$74.74	\$7.28	\$182.05	\$3.02	\$0.00	\$0.12	\$3.14	1.7%	0.0%	0.1%	1.8%	15.0%
2,000	\$160.99	\$124.56	\$11.90	\$297.45	\$166.03	\$124.56	\$12.11	\$302.70	\$5.04	\$0.00	\$0.21	\$5.25	1.7%	0.0%	0.1%	1.8%	14.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$0.00		\$0.00
RE Growth Factor		\$0.22		\$0.22
LIHEAP Charge		\$0.81		\$0.81
Transmission Energy Charge	kWh x	\$0.03179		\$0.03179
Distribution Energy Charge	kWh x	\$0.02931	(1)	\$0.03183
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.06228		\$0.06228

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Monthly kWh	Present Rates				Proposed Rates				Increase (Decrease)								Percentage of Customers
	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill				
									Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	
250	\$32.60	\$15.39	\$2.00	\$49.99	\$33.23	\$15.39	\$2.03	\$50.65	\$0.63	\$0.00	\$0.03	\$0.66	1.3%	0.0%	0.1%	1.3%	35.2%
500	\$54.04	\$30.78	\$3.53	\$88.35	\$55.30	\$30.78	\$3.59	\$89.67	\$1.26	\$0.00	\$0.06	\$1.32	1.4%	0.0%	0.1%	1.5%	17.0%
1,000	\$96.91	\$61.56	\$6.60	\$165.07	\$99.43	\$61.56	\$6.71	\$167.70	\$2.52	\$0.00	\$0.11	\$2.63	1.5%	0.0%	0.1%	1.6%	19.0%
1,500	\$139.79	\$92.34	\$9.67	\$241.80	\$143.57	\$92.34	\$9.83	\$245.74	\$3.78	\$0.00	\$0.16	\$3.94	1.6%	0.0%	0.1%	1.6%	9.8%
2,000	\$182.66	\$123.12	\$12.74	\$318.52	\$187.70	\$123.12	\$12.95	\$323.77	\$5.04	\$0.00	\$0.21	\$5.25	1.6%	0.0%	0.1%	1.6%	19.1%

	Present Rates	Proposed Rates
Customer Charge	\$10.00	\$10.00
RE Growth Factor	\$0.35	\$0.35
LIHEAP Charge	\$0.81	\$0.81
Transmission Energy Charge	kWh x \$0.02835	\$0.02835
Distribution Energy Charge	kWh x \$0.03852 (1)	\$0.04104 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.06156	\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 200

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	4000	\$431.06	\$246.24	\$28.22	\$705.52	\$441.14	\$246.24	\$28.64	\$716.02	\$10.08	\$0.00	\$0.42	\$10.50	1.4%	0.0%	0.1%	1.5%
50	10000	\$952.58	\$615.60	\$65.34	\$1,633.52	\$977.78	\$615.60	\$66.39	\$1,659.77	\$25.20	\$0.00	\$1.05	\$26.25	1.5%	0.0%	0.1%	1.6%
100	20000	\$1,821.78	\$1,231.20	\$127.21	\$3,180.19	\$1,872.18	\$1,231.20	\$129.31	\$3,232.69	\$50.40	\$0.00	\$2.10	\$52.50	1.6%	0.0%	0.1%	1.7%
150	30000	\$2,690.98	\$1,846.80	\$189.07	\$4,726.85	\$2,766.58	\$1,846.80	\$192.22	\$4,805.60	\$75.60	\$0.00	\$3.15	\$78.75	1.6%	0.0%	0.1%	1.7%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$135.00	\$135.00
RE Growth Factor	\$3.37	\$3.37
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.37	\$4.37
Transmission Energy Charge	kWh x \$0.01096	\$0.01096
Distribution Demand Charge-xcs 10 kW	kW x \$5.58	\$5.58
Distribution Energy Charge	kWh x \$0.00733 (1)	\$0.00985 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.06156	\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 300

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	6000	\$505.40	\$369.36	\$36.45	\$911.21	\$520.52	\$369.36	\$37.08	\$926.96	\$15.12	\$0.00	\$0.63	\$15.75	1.7%	0.0%	0.1%	1.7%
50	15000	\$1,138.43	\$923.40	\$85.91	\$2,147.74	\$1,176.23	\$923.40	\$87.48	\$2,187.11	\$37.80	\$0.00	\$1.57	\$39.37	1.8%	0.0%	0.1%	1.8%
100	30000	\$2,193.48	\$1,846.80	\$168.35	\$4,208.63	\$2,269.08	\$1,846.80	\$171.50	\$4,287.38	\$75.60	\$0.00	\$3.15	\$78.75	1.8%	0.0%	0.1%	1.9%
150	45000	\$3,248.53	\$2,770.20	\$250.78	\$6,269.51	\$3,361.93	\$2,770.20	\$255.51	\$6,387.64	\$113.40	\$0.00	\$4.73	\$118.13	1.8%	0.0%	0.1%	1.9%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$135.00	\$135.00
RE Growth Factor	\$3.37	\$3.37
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.37	\$4.37
Transmission Energy Charge	kWh x \$0.01096	\$0.01096
Distribution Demand Charge-xcs 10 kW	kW x \$5.58	\$5.58
Distribution Energy Charge	kWh x \$0.00733 (1)	\$0.00985 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.06156	\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 400

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	8000	\$579.74	\$492.48	\$44.68	\$1,116.90	\$599.90	\$492.48	\$45.52	\$1,137.90	\$20.16	\$0.00	\$0.84	\$21.00	1.8%	0.0%	0.1%	1.9%
50	20000	\$1,324.28	\$1,231.20	\$106.48	\$2,661.96	\$1,374.68	\$1,231.20	\$108.58	\$2,714.46	\$50.40	\$0.00	\$2.10	\$52.50	1.9%	0.0%	0.1%	2.0%
100	40000	\$2,565.18	\$2,462.40	\$209.48	\$5,237.06	\$2,665.98	\$2,462.40	\$213.68	\$5,342.06	\$100.80	\$0.00	\$4.20	\$105.00	1.9%	0.0%	0.1%	2.0%
150	60000	\$3,806.08	\$3,693.60	\$312.49	\$7,812.17	\$3,957.28	\$3,693.60	\$318.79	\$7,969.67	\$151.20	\$0.00	\$6.30	\$157.50	1.9%	0.0%	0.1%	2.0%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$135.00	\$135.00
RE Growth Factor	\$3.37	\$3.37
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.37	\$4.37
Transmission Energy Charge	kWh x \$0.01096	\$0.01096
Distribution Demand Charge-xcs 10 kW	kW x \$5.58	\$5.58
Distribution Energy Charge	kWh x \$0.00733 (1)	\$0.00985 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.06156	\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 500

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	10000	\$654.08	\$615.60	\$52.90	\$1,322.58	\$679.28	\$615.60	\$53.95	\$1,348.83	\$25.20	\$0.00	\$1.05	\$26.25	1.9%	0.0%	0.1%	2.0%
50	25000	\$1,510.13	\$1,539.00	\$127.05	\$3,176.18	\$1,573.13	\$1,539.00	\$129.67	\$3,241.80	\$63.00	\$0.00	\$2.62	\$65.62	2.0%	0.0%	0.1%	2.1%
100	50000	\$2,936.88	\$3,078.00	\$250.62	\$6,265.50	\$3,062.88	\$3,078.00	\$255.87	\$6,396.75	\$126.00	\$0.00	\$5.25	\$131.25	2.0%	0.0%	0.1%	2.1%
150	75000	\$4,363.63	\$4,617.00	\$374.19	\$9,354.82	\$4,552.63	\$4,617.00	\$382.07	\$9,551.70	\$189.00	\$0.00	\$7.88	\$196.88	2.0%	0.0%	0.1%	2.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$135.00		\$135.00
RE Growth Factor		\$3.37		\$3.37
LIHEAP Charge		\$0.81		\$0.81
Transmission Demand Charge	kW x	\$4.37		\$4.37
Transmission Energy Charge	kWh x	\$0.01096		\$0.01096
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58	(1)	\$5.58 (2)
Distribution Energy Charge	kWh x	\$0.00733	(3)	\$0.00985 (4)
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.06156		\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 600

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
20	12000	\$728.42	\$738.72	\$61.13	\$1,528.27	\$758.66	\$738.72	\$62.39	\$1,559.77	\$30.24	\$0.00	\$1.26	\$31.50	2.0%	0.0%	0.1%	2.1%
50	30000	\$1,695.98	\$1,846.80	\$147.62	\$3,690.40	\$1,771.58	\$1,846.80	\$150.77	\$3,769.15	\$75.60	\$0.00	\$3.15	\$78.75	2.0%	0.0%	0.1%	2.1%
100	60000	\$3,308.58	\$3,693.60	\$291.76	\$7,293.94	\$3,459.78	\$3,693.60	\$298.06	\$7,451.44	\$151.20	\$0.00	\$6.30	\$157.50	2.1%	0.0%	0.1%	2.2%
150	90000	\$4,921.18	\$5,540.40	\$435.90	\$10,897.48	\$5,147.98	\$5,540.40	\$445.35	\$11,133.73	\$226.80	\$0.00	\$9.45	\$236.25	2.1%	0.0%	0.1%	2.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$135.00		\$135.00
RE Growth Factor		\$3.37		\$3.37
LIHEAP Charge		\$0.81		\$0.81
Transmission Demand Charge	kW x	\$4.37		\$4.37
Transmission Energy Charge	kWh x	\$0.01096		\$0.01096
Distribution Demand Charge-xcs 10 kW	kW x	\$5.58	(1)	\$5.58 (2)
Distribution Energy Charge	kWh x	\$0.00733	(3)	\$0.00985 (4)
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.06156		\$0.06156

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 200

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	40,000	\$3,299.90	\$2,205.60	\$229.40	\$5,734.90	\$3,400.70	\$2,205.60	\$233.60	\$5,839.90	\$100.80	\$0.00	\$4.20	\$105.00	1.8%	0.0%	0.1%	1.8%
750	150,000	\$12,478.30	\$8,271.00	\$864.55	\$21,613.85	\$12,856.30	\$8,271.00	\$880.30	\$22,007.60	\$378.00	\$0.00	\$15.75	\$393.75	1.7%	0.0%	0.1%	1.8%
1,000	200,000	\$16,650.30	\$11,028.00	\$1,153.26	\$28,831.56	\$17,154.30	\$11,028.00	\$1,174.26	\$29,356.56	\$504.00	\$0.00	\$21.00	\$525.00	1.7%	0.0%	0.1%	1.8%
1,500	300,000	\$24,994.30	\$16,542.00	\$1,730.68	\$43,266.98	\$25,750.30	\$16,542.00	\$1,762.18	\$44,054.48	\$756.00	\$0.00	\$31.50	\$787.50	1.7%	0.0%	0.1%	1.8%
2,500	500,000	\$41,682.30	\$27,570.00	\$2,885.51	\$72,137.81	\$42,942.30	\$27,570.00	\$2,938.01	\$73,450.31	\$1,260.00	\$0.00	\$52.50	\$1,312.50	1.7%	0.0%	0.1%	1.8%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$825.00	\$825.00
RE Growth Factor	\$24.49	\$24.49
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.69	\$4.69
Transmission Energy Charge	kWh x \$0.01123	\$0.01123
Distribution Demand Charge-xcs 10 kW	kW x \$4.44	\$4.44
Distribution Energy Charge	kWh x \$0.00768	\$0.01020 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.05514	\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 300

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
										\$				% of Total Bill			
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	60,000	\$4,055.70	\$3,308.40	\$306.84	\$7,670.94	\$4,206.90	\$3,308.40	\$313.14	\$7,828.44	\$151.20	\$0.00	\$6.30	\$157.50	2.0%	0.0%	0.1%	2.1%
750	225,000	\$15,312.55	\$12,406.50	\$1,154.96	\$28,874.01	\$15,879.55	\$12,406.50	\$1,178.59	\$29,464.64	\$567.00	\$0.00	\$23.63	\$590.63	2.0%	0.0%	0.1%	2.0%
1,000	300,000	\$20,429.30	\$16,542.00	\$1,540.47	\$38,511.77	\$21,185.30	\$16,542.00	\$1,571.97	\$39,299.27	\$756.00	\$0.00	\$31.50	\$787.50	2.0%	0.0%	0.1%	2.0%
1,500	450,000	\$30,662.80	\$24,813.00	\$2,311.49	\$57,787.29	\$31,796.80	\$24,813.00	\$2,358.74	\$58,968.54	\$1,134.00	\$0.00	\$47.25	\$1,181.25	2.0%	0.0%	0.1%	2.0%
2,500	750,000	\$51,129.80	\$41,355.00	\$3,853.53	\$96,338.33	\$53,019.80	\$41,355.00	\$3,932.28	\$98,307.08	\$1,890.00	\$0.00	\$78.75	\$1,968.75	2.0%	0.0%	0.1%	2.0%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$825.00	\$825.00
RE Growth Factor	\$24.49	\$24.49
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.69	\$4.69
Transmission Energy Charge	kWh x \$0.01123	\$0.01123
Distribution Demand Charge-xcs 10 kW	kW x \$4.44	\$4.44
Distribution Energy Charge	kWh x \$0.00768 (1)	\$0.01020 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.05514	\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 400

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	80,000	\$4,811.50	\$4,411.20	\$384.28	\$9,606.98	\$5,013.10	\$4,411.20	\$392.68	\$9,816.98	\$201.60	\$0.00	\$8.40	\$210.00	2.1%	0.0%	0.1%	2.2%
750	300,000	\$18,146.80	\$16,542.00	\$1,445.37	\$36,134.17	\$18,902.80	\$16,542.00	\$1,476.87	\$36,921.67	\$756.00	\$0.00	\$31.50	\$787.50	2.1%	0.0%	0.1%	2.2%
1,000	400,000	\$24,208.30	\$22,056.00	\$1,927.68	\$48,191.98	\$25,216.30	\$22,056.00	\$1,969.68	\$49,241.98	\$1,008.00	\$0.00	\$42.00	\$1,050.00	2.1%	0.0%	0.1%	2.2%
1,500	600,000	\$36,331.30	\$33,084.00	\$2,892.30	\$72,307.60	\$37,843.30	\$33,084.00	\$2,955.30	\$73,882.60	\$1,512.00	\$0.00	\$63.00	\$1,575.00	2.1%	0.0%	0.1%	2.2%
2,500	1,000,000	\$60,577.30	\$55,140.00	\$4,821.55	\$120,538.85	\$63,097.30	\$55,140.00	\$4,926.55	\$123,163.85	\$2,520.00	\$0.00	\$105.00	\$2,625.00	2.1%	0.0%	0.1%	2.2%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$825.00	\$825.00
RE Growth Factor	\$24.49	\$24.49
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.69	\$4.69
Transmission Energy Charge	kWh x \$0.01123	\$0.01123
Distribution Demand Charge-xcs 10 kW	kW x \$4.44	\$4.44
Distribution Energy Charge	kWh x \$0.00768	(1) \$0.01020 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.05514	\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 500

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
										\$				% of Total Bill			
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	100,000	\$5,567.30	\$5,514.00	\$461.72	\$11,543.02	\$5,819.30	\$5,514.00	\$472.22	\$11,805.52	\$252.00	\$0.00	\$10.50	\$262.50	2.2%	0.0%	0.1%	2.3%
750	375,000	\$20,981.05	\$20,677.50	\$1,735.77	\$43,394.32	\$21,926.05	\$20,677.50	\$1,775.15	\$44,378.70	\$945.00	\$0.00	\$39.38	\$984.38	2.2%	0.0%	0.1%	2.3%
1,000	500,000	\$27,987.30	\$27,570.00	\$2,314.89	\$57,872.19	\$29,247.30	\$27,570.00	\$2,367.39	\$59,184.69	\$1,260.00	\$0.00	\$52.50	\$1,312.50	2.2%	0.0%	0.1%	2.3%
1,500	750,000	\$41,999.80	\$41,355.00	\$3,473.12	\$86,827.92	\$43,889.80	\$41,355.00	\$3,551.87	\$88,796.67	\$1,890.00	\$0.00	\$78.75	\$1,968.75	2.2%	0.0%	0.1%	2.3%
2,500	1,250,000	\$70,024.80	\$68,925.00	\$5,789.58	\$144,739.38	\$73,174.80	\$68,925.00	\$5,920.83	\$148,020.63	\$3,150.00	\$0.00	\$131.25	\$3,281.25	2.2%	0.0%	0.1%	2.3%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$825.00	\$825.00
RE Growth Factor	\$24.49	\$24.49
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.69	\$4.69
Transmission Energy Charge	kWh x \$0.01123	\$0.01123
Distribution Demand Charge-xcs 10 kW	kW x \$4.44	\$4.44
Distribution Energy Charge	kWh x \$0.00768 (1)	\$0.01020 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.05514	\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 600

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
200	120,000	\$6,323.10	\$6,616.80	\$539.16	\$13,479.06	\$6,625.50	\$6,616.80	\$551.76	\$13,794.06	\$302.40	\$0.00	\$12.60	\$315.00	2.2%	0.0%	0.1%	2.3%
750	450,000	\$23,815.30	\$24,813.00	\$2,026.18	\$50,654.48	\$24,949.30	\$24,813.00	\$2,073.43	\$51,835.73	\$1,134.00	\$0.00	\$47.25	\$1,181.25	2.2%	0.0%	0.1%	2.3%
1,000	600,000	\$31,766.30	\$33,084.00	\$2,702.10	\$67,552.40	\$33,278.30	\$33,084.00	\$2,765.10	\$69,127.40	\$1,512.00	\$0.00	\$63.00	\$1,575.00	2.2%	0.0%	0.1%	2.3%
1,500	900,000	\$47,668.30	\$49,626.00	\$4,053.93	\$101,348.23	\$49,936.30	\$49,626.00	\$4,148.43	\$103,710.73	\$2,268.00	\$0.00	\$94.50	\$2,362.50	2.2%	0.0%	0.1%	2.3%
2,500	1,500,000	\$79,472.30	\$82,710.00	\$6,757.60	\$168,939.90	\$83,252.30	\$82,710.00	\$6,915.10	\$172,877.40	\$3,780.00	\$0.00	\$157.50	\$3,937.50	2.2%	0.0%	0.1%	2.3%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$825.00	\$825.00
RE Growth Factor	\$24.49	\$24.49
LIHEAP Charge	\$0.81	\$0.81
Transmission Demand Charge	kW x \$4.69	\$4.69
Transmission Energy Charge	kWh x \$0.01123	\$0.01123
Distribution Demand Charge-xcs 10 kW	kW x \$4.44	\$4.44
Distribution Energy Charge	kWh x \$0.00768	(1) \$0.01020 (2)
Transition Energy Charge	kWh x \$0.00057	\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154	\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677	\$0.00677
Gross Earnings Tax	4%	4%
Standard Offer Charge	kWh x \$0.05514	\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 200

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	600,000	\$60,644.11	\$33,084.00	\$3,905.34	\$97,633.45	\$62,156.11	\$33,084.00	\$3,968.34	\$99,208.45	\$1,512.00	\$0.00	\$63.00	\$1,575.00	1.5%	0.0%	0.1%	1.6%
5,000	1,000,000	\$89,380.11	\$55,140.00	\$6,021.67	\$150,541.78	\$91,900.11	\$55,140.00	\$6,126.67	\$153,166.78	\$2,520.00	\$0.00	\$105.00	\$2,625.00	1.7%	0.0%	0.1%	1.7%
7,500	1,500,000	\$125,300.11	\$82,710.00	\$8,667.09	\$216,677.20	\$129,080.11	\$82,710.00	\$8,824.59	\$220,614.70	\$3,780.00	\$0.00	\$157.50	\$3,937.50	1.7%	0.0%	0.1%	1.8%
10,000	2,000,000	\$161,220.11	\$110,280.00	\$11,312.50	\$282,812.61	\$166,260.11	\$110,280.00	\$11,522.50	\$288,062.61	\$5,040.00	\$0.00	\$210.00	\$5,250.00	1.8%	0.0%	0.1%	1.9%
20,000	4,000,000	\$304,900.11	\$220,560.00	\$21,894.17	\$547,354.28	\$314,980.11	\$220,560.00	\$22,314.17	\$557,854.28	\$10,080.00	\$0.00	\$420.00	\$10,500.00	1.8%	0.0%	0.1%	1.9%

	<u>Present Rates</u>		<u>Proposed Rates</u>
Customer Charge	\$17,000.00		\$17,000.00
RE Growth Factor	\$539.30		\$539.30
LIHEAP Charge	\$0.81		\$0.81
Transmission Demand Charge	kW x \$3.40		\$3.40
Transmission Energy Charge	kWh x \$0.01524		\$0.01524
Distribution Demand Charge-xcs 10 kW	kW x \$3.81		\$3.81
Distribution Energy Charge	kWh x \$0.00167	(1)	\$0.00419 (2)
Transition Energy Charge	kWh x \$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677		\$0.00677
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x \$0.05514		\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 300

Monthly Power kW	kWh	Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	900,000	\$71,381.11	\$49,626.00	\$5,041.96	\$126,049.07	\$73,649.11	\$49,626.00	\$5,136.46	\$128,411.57	\$2,268.00	\$0.00	\$94.50	\$2,362.50	1.8%	0.0%	0.1%	1.9%
5,000	1,500,000	\$107,275.11	\$82,710.00	\$7,916.05	\$197,901.16	\$111,055.11	\$82,710.00	\$8,073.55	\$201,838.66	\$3,780.00	\$0.00	\$157.50	\$3,937.50	1.9%	0.0%	0.1%	2.0%
7,500	2,250,000	\$152,142.61	\$124,065.00	\$11,508.65	\$287,716.26	\$157,812.61	\$124,065.00	\$11,744.90	\$293,622.51	\$5,670.00	\$0.00	\$236.25	\$5,906.25	2.0%	0.0%	0.1%	2.1%
10,000	3,000,000	\$197,010.11	\$165,420.00	\$15,101.25	\$377,531.36	\$204,570.11	\$165,420.00	\$15,416.25	\$385,406.36	\$7,560.00	\$0.00	\$315.00	\$7,875.00	2.0%	0.0%	0.1%	2.1%
20,000	6,000,000	\$376,480.11	\$330,840.00	\$29,471.67	\$736,791.78	\$391,600.11	\$330,840.00	\$30,101.67	\$752,541.78	\$15,120.00	\$0.00	\$630.00	\$15,750.00	2.1%	0.0%	0.1%	2.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>
Customer Charge	\$17,000.00		\$17,000.00
RE Growth Factor	\$539.30		\$539.30
LIHEAP Charge	\$0.81		\$0.81
Transmission Demand Charge	kW x \$3.40		\$3.40
Transmission Energy Charge	kWh x \$0.01524		\$0.01524
Distribution Demand Charge-xcs 10 kW	kW x \$3.81		\$3.81
Distribution Energy Charge	kWh x \$0.00167	(1)	\$0.00419 (2)
Transition Energy Charge	kWh x \$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x \$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x \$0.00677		\$0.00677
Gross Earnings Tax		4%	4%
Standard Offer Charge	kWh x \$0.05514		\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 400

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,200,000	\$82,118.11	\$66,168.00	\$6,178.59	\$154,464.70	\$85,142.11	\$66,168.00	\$6,304.59	\$157,614.70	\$3,024.00	\$0.00	\$126.00	\$3,150.00	2.0%	0.0%	0.1%	2.0%
5,000	2,000,000	\$125,170.11	\$110,280.00	\$9,810.42	\$245,260.53	\$130,210.11	\$110,280.00	\$10,020.42	\$250,510.53	\$5,040.00	\$0.00	\$210.00	\$5,250.00	2.1%	0.0%	0.1%	2.1%
7,500	3,000,000	\$178,985.11	\$165,420.00	\$14,350.21	\$358,755.32	\$186,545.11	\$165,420.00	\$14,665.21	\$366,630.32	\$7,560.00	\$0.00	\$315.00	\$7,875.00	2.1%	0.0%	0.1%	2.2%
10,000	4,000,000	\$232,800.11	\$220,560.00	\$18,890.00	\$472,250.11	\$242,880.11	\$220,560.00	\$19,310.00	\$482,750.11	\$10,080.00	\$0.00	\$420.00	\$10,500.00	2.1%	0.0%	0.1%	2.2%
20,000	8,000,000	\$448,060.11	\$441,120.00	\$37,049.17	\$926,229.28	\$468,220.11	\$441,120.00	\$37,889.17	\$947,229.28	\$20,160.00	\$0.00	\$840.00	\$21,000.00	2.2%	0.0%	0.1%	2.3%

	Present Rates		Proposed Rates	
Customer Charge		\$17,000.00		\$17,000.00
RE Growth Factor		\$539.30		\$539.30
LIHEAP Charge		\$0.81		\$0.81
Transmission Demand Charge	kW x	\$3.40		\$3.40
Transmission Energy Charge	kWh x	\$0.01524		\$0.01524
Distribution Demand Charge-xcs 10 kW	kW x	\$3.81		\$3.81
Distribution Energy Charge	kWh x	\$0.00167 (1)		\$0.00419 (2)
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.05514		\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 500

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,500,000	\$92,855.11	\$82,710.00	\$7,315.21	\$182,880.32	\$96,635.11	\$82,710.00	\$7,472.71	\$186,817.82	\$3,780.00	\$0.00	\$157.50	\$3,937.50	2.1%	0.0%	0.1%	2.2%
5,000	2,500,000	\$143,065.11	\$137,850.00	\$11,704.80	\$292,619.91	\$149,365.11	\$137,850.00	\$11,967.30	\$299,182.41	\$6,300.00	\$0.00	\$262.50	\$6,562.50	2.2%	0.0%	0.1%	2.2%
7,500	3,750,000	\$205,827.61	\$206,775.00	\$17,191.78	\$429,794.39	\$215,277.61	\$206,775.00	\$17,585.53	\$439,638.14	\$9,450.00	\$0.00	\$393.75	\$9,843.75	2.2%	0.0%	0.1%	2.3%
10,000	5,000,000	\$268,590.11	\$275,700.00	\$22,678.75	\$566,968.86	\$281,190.11	\$275,700.00	\$23,203.75	\$580,093.86	\$12,600.00	\$0.00	\$525.00	\$13,125.00	2.2%	0.0%	0.1%	2.3%
20,000	10,000,000	\$519,640.11	\$551,400.00	\$44,626.67	\$1,115,666.78	\$544,840.11	\$551,400.00	\$45,676.67	\$1,141,916.78	\$25,200.00	\$0.00	\$1,050.00	\$26,250.00	2.3%	0.0%	0.1%	2.4%

	Present Rates		Proposed Rates	
Customer Charge		\$17,000.00		\$17,000.00
RE Growth Factor		\$539.30		\$539.30
LIHEAP Charge		\$0.81		\$0.81
Transmission Demand Charge	kW x	\$3.40		\$3.40
Transmission Energy Charge	kWh x	\$0.01524		\$0.01524
Distribution Demand Charge-xcs 10 kW	kW x	\$3.81		\$3.81
Distribution Energy Charge	kWh x	\$0.00167 (1)		\$0.00419 (2)
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.05514		\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

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

Hours Use: 600

Monthly Power kW kWh		Present Rates				Proposed Rates				Increase (Decrease)							
		Delivery	SOS	GET	Total	Delivery	SOS	GET	Total	\$				% of Total Bill			
										Delivery	SOS	GET	Total	Delivery	SOS	GET	Total
3,000	1,800,000	\$103,592.11	\$99,252.00	\$8,451.84	\$211,295.95	\$108,128.11	\$99,252.00	\$8,640.84	\$216,020.95	\$4,536.00	\$0.00	\$189.00	\$4,725.00	2.1%	0.0%	0.1%	2.2%
5,000	3,000,000	\$160,960.11	\$165,420.00	\$13,599.17	\$339,979.28	\$168,520.11	\$165,420.00	\$13,914.17	\$347,854.28	\$7,560.00	\$0.00	\$315.00	\$7,875.00	2.2%	0.0%	0.1%	2.3%
7,500	4,500,000	\$232,670.11	\$248,130.00	\$20,033.34	\$500,833.45	\$244,010.11	\$248,130.00	\$20,505.84	\$512,645.95	\$11,340.00	\$0.00	\$472.50	\$11,812.50	2.3%	0.0%	0.1%	2.4%
10,000	6,000,000	\$304,380.11	\$330,840.00	\$26,467.50	\$661,687.61	\$319,500.11	\$330,840.00	\$27,097.50	\$677,437.61	\$15,120.00	\$0.00	\$630.00	\$15,750.00	2.3%	0.0%	0.1%	2.4%
20,000	12,000,000	\$591,220.11	\$661,680.00	\$52,204.17	\$1,305,104.28	\$621,460.11	\$661,680.00	\$53,464.17	\$1,336,604.28	\$30,240.00	\$0.00	\$1,260.00	\$31,500.00	2.3%	0.0%	0.1%	2.4%

	Present Rates		Proposed Rates	
Customer Charge		\$17,000.00		\$17,000.00
RE Growth Factor		\$539.30		\$539.30
LIHEAP Charge		\$0.81		\$0.81
Transmission Demand Charge	kW x	\$3.40		\$3.40
Transmission Energy Charge	kWh x	\$0.01524		\$0.01524
Distribution Demand Charge-xcs 10 kW	kW x	\$3.81		\$3.81
Distribution Energy Charge	kWh x	\$0.00167 (1)		\$0.00419 (2)
Transition Energy Charge	kWh x	\$0.00057		\$0.00057
Energy Efficiency Program Charge	kWh x	\$0.01154		\$0.01154
Renewable Energy Distribution Charge	kWh x	\$0.00677		\$0.00677
Gross Earnings Tax		4%		4%
Standard Offer Charge	kWh x	\$0.05514		\$0.05514

Note (1): includes current charges; does not include Storm Fund Replenishment Factor

Note (2): includes the proposed 4 year proposed Storm Fund Replenishment Factor charge of 0.252¢ / kWh

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
In Re: National Grid's Request for Approval of
Storm Contingency Fund Replenishment
Responses to Commission's Second Set of Data Requests
Issued on June 14, 2017

PUC 2-3

Request:

Please calculate a factor for effect on July 1, 2017 that would be designed to recover \$73,635,000 plus interest accrued since the filing of the Petition through June 30, 2017 over a four-year period. Please provide supporting schedules which are based on the remaining underlying assumptions used to calculate the factor proposed by National Grid in its initial petition.

Response:

Please see Attachment PUC 2-3 for the calculation of an illustrative factor that is designed to recover \$73,635,000, plus additional interest during the months of December 2016 through June 2017 as a result of recovery beginning July 1, 2017 rather than April 1, 2017. As can be seen, the resulting illustrative factor is the same as that calculated in the Company's response to data request PUC 2-1.

Although there is a slight increase in interest due to a three-month delay in recovery, the interest impact is not limited to the period through June 2017, but interest is impacted through the end of the four-year recovery period. Page 2 of Attachment PUC 2-3 summarizes the results of the Company's analysis in response to this data request. The Company calculated the interest impact on the deficit balance in the Storm Fund of \$94,176,142, both during the period through June 30, 2017 as well as through the end of the recovery period.

In preparing this response, the Company has revised the forecasted kWh deliveries to reflect the four-year recovery period July 2017 through June 2021.

The Narragansett Electric Company
Illustrative Four Year Storm Fund Replenishment Factor Calculation

1	Illustrative Amount to be Recovered	\$73,640,474
2	Forecasted kWh, July 2017 - June 2021	29,125,449,198
3	Illustrative Storm Fund Replenishment Factor per kWh Commencing July 2017	\$0.00252

Line Notes:

- 1 Page 2, Line 4
- 2 Per Company Forecast
- 3 Line 1 ÷ Line 2, truncated to 5 decimal places

The Narragansett Electric Company
Interest Impact from a Three Month Delay in Recovery

	December 2016- <u>June 2017</u> (a)	December 2016- <u>End of Recovery</u> (b)
<u>Based on Beginning December 2016 Storm Fund Balance of \$94,176,142</u>		
1	\$73,635,000 beginning July 1, 2017 for 4 years	(\$1,170,572)
2	\$73,635,000 beginning April 1, 2017 for 4 years	<u>(\$1,165,098)</u>
3	Additional Interest	(\$5,474)
4	\$73,635,000 plus additional interest through June 30, 2017	(\$470,069)
	(\$73,640,474)	

Line Notes:

- 1 (a): Page 3, col (g), sum of lines 1-7; (b): Page 3, col (g), line 56
- 2 (a): Page 4, col (g), sum of lines 1-7; (b): Page 4, col (g), line 53
- 3 Line 1 - Line 2
- 4 \$73,635,000 + line 3

The Narragansett Electric Company
d/b/a National Grid
Storm Fund Replenishment Factor
Recovery of Storm Fund Deficit

Projected Storm Fund Deficit with Continuation of Annual \$3 Million of Supplemental Contributions Approved in RIPUC Docket No. 4323 Plus Additional Supplemental Contributions Over 4 Years Beginning July 2017

Line No.	Month	Monthly Contributions							Monthly Interest	Adjustments	Ending Balance
		Beginning Balance	Monthly Contribution	Monthly Contribution	Monthly Contribution	Supplemental Contribution	Total Monthly Contributions				
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1	December-16	(\$94,176,142)	\$0	\$250,000	\$0		\$250,000	(\$168,491)	\$360,166	(\$93,734,467)	
2	January-17	(\$93,734,467)	\$0	\$250,000	\$0		\$250,000	(\$167,383)		(\$93,651,849)	
3	February-17	(\$93,651,849)	\$0	\$250,000	\$0		\$250,000	(\$167,235)		(\$93,569,085)	
4	March-17	(\$93,569,085)	\$0	\$250,000	\$0		\$250,000	(\$167,088)		(\$93,486,173)	
5	April-17	(\$93,486,173)	\$0	\$250,000	\$0		\$250,000	(\$166,940)		(\$93,403,113)	
6	May-17	(\$93,403,113)	\$0	\$250,000	\$0		\$250,000	(\$166,792)		(\$93,319,904)	
7	June-17	(\$93,319,904)	\$0	\$250,000	\$0		\$250,000	(\$166,643)		(\$93,236,548)	
8	July-17	(\$93,236,548)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$166,495)		(\$91,618,980)	
9	August-17	(\$91,618,980)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$164,978)		(\$89,999,895)	
10	September-17	(\$89,999,895)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$162,091)		(\$88,377,924)	
11	October-17	(\$88,377,924)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$159,198)		(\$86,753,059)	
12	November-17	(\$86,753,059)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$156,300)		(\$85,125,297)	
13	December-17	(\$85,125,297)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$153,398)	\$360,166	(\$83,134,466)	
14	January-18	(\$83,134,466)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$149,847)		(\$81,500,251)	
15	February-18	(\$81,500,251)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$146,933)		(\$79,863,121)	
16	March-18	(\$79,863,121)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$144,013)		(\$78,223,072)	
17	April-18	(\$78,223,072)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$141,089)		(\$76,580,098)	
18	May-18	(\$76,580,098)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$138,159)		(\$74,934,194)	
19	June-18	(\$74,934,194)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$135,223)		(\$73,285,355)	
20	July-18	(\$73,285,355)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$132,283)		(\$71,633,576)	
21	August-18	(\$71,633,576)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$129,337)		(\$69,978,851)	
22	September-18	(\$69,978,851)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$126,386)		(\$68,321,175)	
23	October-18	(\$68,321,175)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$123,430)		(\$66,660,542)	
24	November-18	(\$66,660,542)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$120,469)		(\$64,996,949)	
25	December-18	(\$64,996,949)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$117,502)	\$360,166	(\$62,970,222)	
26	January-19	(\$62,970,222)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$113,888)		(\$61,300,047)	
27	February-19	(\$61,300,047)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$110,909)		(\$59,626,894)	
28	March-19	(\$59,626,894)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$107,925)		(\$57,950,757)	
29	April-19	(\$57,950,757)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$104,936)		(\$56,271,631)	
30	May-19	(\$56,271,631)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$101,942)		(\$54,589,510)	
31	June-19	(\$54,589,510)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$98,942)		(\$52,904,390)	
32	July-19	(\$52,904,390)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$95,937)		(\$51,216,264)	
33	August-19	(\$51,216,264)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$92,926)		(\$49,525,128)	
34	September-19	(\$49,525,128)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$89,911)		(\$47,830,976)	
35	October-19	(\$47,830,976)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$86,889)		(\$46,133,803)	
36	November-19	(\$46,133,803)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$83,863)		(\$44,433,603)	
37	December-19	(\$44,433,603)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$80,831)	\$360,166	(\$42,370,205)	
38	January-20	(\$42,370,205)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$77,151)		(\$40,663,294)	
39	February-20	(\$40,663,294)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$74,107)		(\$38,953,338)	
40	March-20	(\$38,953,338)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$71,058)		(\$37,240,333)	
41	April-20	(\$37,240,333)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$68,003)		(\$35,524,274)	
42	May-20	(\$35,524,274)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$64,942)		(\$33,805,154)	
43	June-20	(\$33,805,154)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$61,877)		(\$32,082,968)	
44	July-20	(\$32,082,968)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$58,805)		(\$30,357,711)	
45	August-20	(\$30,357,711)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$55,729)		(\$28,629,377)	
46	September-20	(\$28,629,377)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$52,647)		(\$26,897,961)	
47	October-20	(\$26,897,961)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$49,559)		(\$25,163,457)	
48	November-20	(\$25,163,457)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$46,466)		(\$23,425,860)	
49	December-20	(\$23,425,860)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$43,367)	\$360,166	(\$21,324,999)	
50	January-21	(\$21,324,999)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$39,620)		(\$19,580,557)	
51	February-21	(\$19,580,557)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$36,509)		(\$17,833,004)	
52	March-21	(\$17,833,004)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$33,393)		(\$16,082,334)	
53	April-21	(\$16,082,334)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$30,271)		(\$14,328,542)	
54	May-21	(\$14,328,542)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$27,143)		(\$12,571,623)	
55	June-21	(\$12,571,623)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$24,010)		(\$10,811,571)	
56	Period Ended 06/30/21	(\$94,176,142)	\$0	\$13,750,000	\$0	\$73,635,000	\$87,385,000	(\$5,821,259)	\$1,800,830	(\$10,811,571)	

Column Notes:

- (a) Per RIPUC Docket No. 4686, Schedule NG-1(A), Page 3, Column (k), Line 84.
- (c) Per RIPUC Docket No. 4323, an additional \$3.0 million is to be contributed annually to the Storm Fund for a period of six years commencing February 1, 2013. Analysis assumes continued recovery until the deficit at November 30, 2016 is extinguished.
- (e) Illustrative Supplemental recovery per PUC 2-3 beginning July 1, 2017.
- (g) Interest amount beginning in March 2016 and months thereafter is calculated using the interest rate on customer deposits of 2.14% as filed with the Commission on January 6, 2016.
- (h) Assumes no additional qualifying storm events after April 2016.
- (i) Assumes no additional qualifying storm events after April 2016.
- (k) For each December, amounts represent 50% of attachment fee revenue in excess of \$850,000. Years after calendar year 2015 reflect attachment fee revenues at the 2015 level. Costs related to the amount of non-deferrable storm expense are within the base rate allowance of \$3,722,000 +/- a \$2 million collar as per the Amended Settlement Agreement
- (l) Sum of Columns (a), (f), (g), (j) and (k).

The Narragansett Electric Company
d/b/a National Grid
Storm Fund Replenishment Factor
Recovery of Storm Fund Deficit

Projected Storm Fund Deficit with Continuation of Annual \$3 Million of Supplemental Contributions Approved in RIPUC Docket No. 4323 Plus Additional Supplemental Contributions Over 4 Years
Beginning April 2017

Line No.	Month	Beginning Balance	Monthly Contributions				Total Monthly Contributions	Monthly Interest	Adjustments	Ending Balance
			Monthly Contribution (b)	Monthly Contribution (c)	Monthly Contribution (d)	Supplemental Contribution (e)				
1	December-16	(\$94,176,142)	\$0	\$250,000	\$0	\$0	\$250,000	(\$168,491)	\$360,166	(\$93,734,467)
2	January-17	(\$93,734,467)	\$0	\$250,000	\$0	\$0	\$250,000	(\$167,383)		(\$93,651,849)
3	February-17	(\$93,651,849)	\$0	\$250,000	\$0	\$0	\$250,000	(\$167,235)		(\$93,569,085)
4	March-17	(\$93,569,085)	\$0	\$250,000	\$0	\$0	\$250,000	(\$167,088)		(\$93,486,173)
5	April-17	(\$93,486,173)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$166,940)		(\$91,869,050)
6	May-17	(\$91,869,050)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$165,424)		(\$90,250,411)
7	June-17	(\$90,250,411)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$162,537)		(\$88,628,886)
8	July-17	(\$88,628,886)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$159,646)		(\$87,004,469)
9	August-17	(\$87,004,469)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$156,749)		(\$85,377,156)
10	September-17	(\$85,377,156)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$153,847)		(\$83,746,940)
11	October-17	(\$83,746,940)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$150,939)		(\$82,113,817)
12	November-17	(\$82,113,817)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$148,027)		(\$80,477,782)
13	December-17	(\$80,477,782)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$145,109)	\$360,166	(\$78,841,616)
14	January-18	(\$78,841,616)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$142,191)		(\$77,205,449)
15	February-18	(\$77,205,449)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$139,273)		(\$75,569,282)
16	March-18	(\$75,569,282)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$136,355)		(\$73,933,115)
17	April-18	(\$73,933,115)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$133,437)		(\$72,296,948)
18	May-18	(\$72,296,948)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$130,519)		(\$70,660,781)
19	June-18	(\$70,660,781)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$127,601)		(\$69,024,614)
20	July-18	(\$69,024,614)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$124,683)		(\$67,388,447)
21	August-18	(\$67,388,447)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$121,765)		(\$65,752,280)
22	September-18	(\$65,752,280)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$118,847)		(\$64,116,113)
23	October-18	(\$64,116,113)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$115,929)		(\$62,479,946)
24	November-18	(\$62,479,946)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$113,011)		(\$60,843,779)
25	December-18	(\$60,843,779)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$110,093)	\$360,166	(\$59,207,612)
26	January-19	(\$59,207,612)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$107,175)		(\$57,571,445)
27	February-19	(\$57,571,445)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$104,257)		(\$55,935,278)
28	March-19	(\$55,935,278)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$101,339)		(\$54,299,111)
29	April-19	(\$54,299,111)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$98,421)		(\$52,662,944)
30	May-19	(\$52,662,944)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$95,503)		(\$51,026,777)
31	June-19	(\$51,026,777)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$92,585)		(\$49,390,610)
32	July-19	(\$49,390,610)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$89,667)		(\$47,754,443)
33	August-19	(\$47,754,443)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$86,749)		(\$46,118,276)
34	September-19	(\$46,118,276)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$83,831)		(\$44,482,109)
35	October-19	(\$44,482,109)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$80,913)		(\$42,845,942)
36	November-19	(\$42,845,942)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$78,000)		(\$41,209,775)
37	December-19	(\$41,209,775)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$75,082)	\$360,166	(\$39,573,608)
38	January-20	(\$39,573,608)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$72,164)		(\$37,937,441)
39	February-20	(\$37,937,441)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$69,246)		(\$36,301,274)
40	March-20	(\$36,301,274)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$66,328)		(\$34,665,107)
41	April-20	(\$34,665,107)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$63,410)		(\$33,028,940)
42	May-20	(\$33,028,940)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$60,492)		(\$31,392,773)
43	June-20	(\$31,392,773)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$57,574)		(\$29,756,606)
44	July-20	(\$29,756,606)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$54,656)		(\$28,120,439)
45	August-20	(\$28,120,439)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$51,738)		(\$26,484,272)
46	September-20	(\$26,484,272)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$48,820)		(\$24,848,105)
47	October-20	(\$24,848,105)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$45,902)		(\$23,211,938)
48	November-20	(\$23,211,938)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$42,984)		(\$21,575,771)
49	December-20	(\$21,575,771)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$40,066)	\$360,166	(\$20,211,604)
50	January-21	(\$20,211,604)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$37,148)		(\$18,847,437)
51	February-21	(\$18,847,437)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$34,230)		(\$17,483,270)
52	March-21	(\$17,483,270)	\$0	\$250,000	\$0	\$1,534,063	\$1,784,063	(\$31,312)		(\$16,119,103)
53	Period Ended 03/31/21	(\$94,176,142)	\$0	\$13,000,000	\$0	\$73,635,000	\$86,635,000	(\$5,351,190)	\$1,800,830	(\$11,091,502)

Column Notes:

- (a) Per RIPUC Docket No. 4686, Schedule NG-1(A), Page 3, Column (k), Line 84.
- (c) Per RIPUC Docket No. 4323, an additional \$3.0 million is to be contributed annually to the Storm Fund for a period of six years commencing February 1, 2013. Analysis assumes continued recovery until the deficit at November 30, 2016 is extinguished.
- (e) Illustrative Supplemental recovery per PUC 2-3 beginning April 1, 2017.
- (g) Interest amount beginning in March 2016 and months thereafter is calculated using the interest rate on customer deposits of 2.14% as filed with the Commission on January 6, 2016
- (h) Assumes no additional qualifying storm events after April 2016.
- (i) Assumes no additional qualifying storm events after April 2016.
- (k) Costs related to the amount of non-deferrable storm expense are within the base rate allowance of \$3,722,000 +/- a \$2 million collar as per the Amended Settlement Agreement in RIPUC Docket No. 4323, thereby requiring no adjustment to the Storm Fund.
- (l) Sum of Columns (a), (f), (g), (j) and (k).

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4686
In Re: National Grid's Request for Approval of
Storm Contingency Fund Replenishment
Responses to Commission's Second Set of Data Requests
Issued on June 14, 2017

PUC 2-4

Request:

Please provide the bill impact schedules for the response to PUC-2-3.

Response:

The illustrative factor calculated in response to PUC 2-3 is the same as that calculated in response to PUC 2-1. Since the illustrative factors are the same, the bill impacts will also be the same. Therefore, please see Attachment PUC 2-2 for the bill impacts of the illustrative factor derived in response to PUC 2-3.