

Schedules
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Granite State Electric Company d/b/a National Grid

Docket No. DE 11-016

Witness: S.M. McCabe

Schedule SMM-1
Summary of Large Customer Group
Proposed Default Service Rates

National Grid
Summary of Proposed Default Service Rates

		Medium and Large C&I		
		<u>May</u>	<u>June</u>	<u>July</u>
(1)	Wholesale Loads (kWh)			
(2)	Retail Loads (kWh)			
(3)	Loss Factor			
(4)	Wholesale Contract Price (\$/MWh)			
(5)	Base Default Service Rate (\$/kWh)	\$0.06372	\$0.06360	\$0.06330
(6)	2011 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00035	\$0.00035	\$0.00035
(7)	2011 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00101	\$0.00101	\$0.00101
(8)	Renewable Portfolio Standard Adder (\$/kWh)	<u>\$0.00193</u>	<u>\$0.00193</u>	<u>\$0.00193</u>
(9)	Total Default Service Rate (\$/kWh)	\$0.06701	\$0.06689	\$0.06659

- (1) Wholesale loads for the 12 month period ending December 2007
- (2) Retail loads for the 12 month period ending December 2007
- (3) Line (1) ÷ Line (2), rounded to five decimal places
- (4) Wholesale Contractor Price
- (5) Line (3) x Line (4) / 1000, truncated to five decimal places
- (6) Schedule SMM-7, Page 1
- (7) Schedule SMM-9, Page 1
- (8) Schedule MMJ-5
- (9) Line (5) + Line (6) + Line (7) + Line (8)

National Grid
Large Customer Group
(Rates G-1 and G-2)
Illustrative Weighted Average Default Service Rates For Comparison Purposes Only
May 2011 - July 2011

Section 1: Percentage of Medium and Large C&I kWhs Attributable to Default Service

(1)	February 2011 Medium and Large C&I Default Service kWhs	18,580,319
(2)	February 2011 Total Medium and Large C&I kWhs	<u>41,535,940</u>
(3)	Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	44.73%

Section 2: Projected Medium and Large C&I Default Service kWhs, May 2011 - July 2011

	<u>May</u> (a)	<u>June</u> (b)	<u>July</u> (c)	<u>Total</u> (d)
(4)	Projected Total Company Medium and Large kWhs	40,653,251	45,932,219	46,588,999
(5)	Percentage of Medium and Large C&I Default Service kWhs to Total Medium and Large C&I kWhs	<u>44.73%</u>	<u>44.73%</u>	<u>44.73%</u>
(6)	Projected Medium and Large C&I Default Service kWhs	18,185,465	20,546,911	20,840,710

Section 3: Medium and Large C&I Default Service Load Weighting for May 2011 - July 2011

(7)	Projected Medium and Large C&I Default Service kWhs	18,185,465	20,546,911	20,840,710	59,573,086
(8)	Wholesale Loads (kWh)				
(9)	Retail Loads (kWh)				
(10)	Loss Factor				
(11)	Wholesale Contract Price (\$/MWh)				
(12)	Base Default Service Rate (\$/kWh)	\$0.06372	\$0.06360	\$0.06330	
(13)	2011 Default Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00035	\$0.00035	\$0.00035	
(14)	2011 Default Service Cost Reclassification Adjustment Factor (\$/kWh)	\$0.00101	\$0.00101	\$0.00101	
(15)	<u>Renewable Portfolio Standard Adder (\$/kWh)</u>	<u>\$0.00193</u>	<u>\$0.00193</u>	<u>\$0.00193</u>	
(16)	Total Estimated Medium and Large C&I Default Service Price per kWh	\$0.06701	\$0.06689	\$0.06659	
(17)	Projected Medium and Large C&I Base Default Service Cost, May 2011 - July 2011	<u>\$ 1,158,778</u>	<u>\$ 1,306,784</u>	<u>\$ 1,319,217</u>	<u>\$ 3,784,778</u>
(18)	Weighted Average Medium and Large C&I Base Default Service Charge for May 2011 - July 2011				\$ 0.06353
(19)	Projected Medium and Large C&I Default Service Cost, May 2011 - July 2011	<u>\$ 1,218,608</u>	<u>\$ 1,374,383</u>	<u>\$ 1,387,783</u>	<u>\$ 3,980,774</u>
(20)	Weighted Average Medium and Large C&I Default Service Charge for May 2011 - July 2011				\$ 0.06682

(1)	Per Monthly CR97987A Default Service Revenue Reports (Rates G-1 and G-2)
(2)	Per Monthly CR97992A Total Revenue Reports (Rates G-1 and G-2)
(3)	Line (1) ÷ Line (2)
(4)	Per Company forecast for medium and large C&I rates (Rates G-1 and G-2)
(5)	Line (3)
(6)	Line (4) x Line (5)
(7)	Line (6)
(8)	Wholesale loads for the 12 month period ending December 2007
(9)	Retail loads for the 12 month period ending December 2007
(10)	Line (8) ÷ Line (9), rounded to five decimal places
(11)	Contractor Wholesale Price
(12)	Line (10) x Line (11) / 1000, truncated to five decimal places
(13)	Schedule SMM-7, Page 1
(14)	Schedule SMM-9, Page 1
(15)	Schedule MMJ-5
(16)	Line (12) + Line (13) + Line (14) + Line (15)
(17)	Line (7) x Line (12)
(18)	Line (17) total ÷ Line (7) total, truncated after 5 decimal places
(19)	Line (7) x Line (16)
(20)	Line (19) total ÷ Line (7) total, truncated after 5 decimal places

Schedule SMM-2
Calculation of Small Customer Group
Proposed Default Service Rate

National Grid
Small Customer Group
(Rates D, D-10, G-3, M, T and V)
Based on Weighted Average Effective Default Service Prices
May 2011 - October 2011

Section 1: Percentage of Residential and Small C&I kWhs Attributable to Default Service

(1)	February 2010 Residential and Small C&I Default Service kWhs	35,812,222
(2)	February 2010 Total Residential and Small C&I kWhs	36,818,993
(3)	Percentage of Residential and Small C&I Default Service kWhs to Total Residential and Small C&I kWhs	97.27%

Section 2: Projected Residential and Small C&I Default Service kWhs, May 2011 - October 2011

		<u>May</u> (a)	<u>June</u> (b)	<u>July</u> (c)	<u>August</u> (d)	<u>September</u> (e)	<u>October</u> (f)	<u>Total</u> (g)
(4)	Projected Total Company Residential and Small C&I kWhs	28,363,516	31,742,624	33,300,931	36,228,059	34,265,369	28,467,134	192,367,633
(5)	Percentage of Residential and Small C&I Default Service kWhs to Total Residential and Small	<u>97.27%</u>	<u>97.27%</u>	<u>97.27%</u>	<u>97.27%</u>	<u>97.27%</u>	<u>97.27%</u>	
(6)	Projected Residential and Small C&I Default Service kWhs	27,587,950	30,874,660	32,390,357	35,237,446	33,328,423	27,688,734	187,107,572

Section 3: Residential and Small C&I Default Service Load Weighting for May 2011 - October 2011

(7)	Projected Residential and Small C&I Default Service kWhs	27,587,950	30,874,660	32,390,357	35,237,446	33,328,423	27,688,734	187,107,572
(8)	Wholesale Loads (kWh)							
(9)	Retail Loads (kWh)							
(10)	Loss Factor							
(11)	Wholesale Contract Price (\$/MWh)							
(12)	Base Residential and Small C&I Default Service Rate (\$/kWh)	\$0.06384	\$0.06089	\$0.06535	\$0.06713	\$0.06260	\$0.06203	
(13)	Projected Residential and Small C&I Default Service Base Revenue, May 2011 - October 2011	\$1,761,215	\$1,879,958	\$2,116,710	\$2,365,490	\$2,086,359	\$1,717,532	\$11,927,264
(14)	Weighted Average Base Residential and Small C&I Default Service Charge for May 2011 - October 2011							\$0.06374
(15)	2011 Default Service Reconciliation Adjustment Factor (\$/kWh)							\$0.00035
(16)	2011 Default Service Cost Reclassification Adjustment Factor (\$/kWh)							\$0.00078
(17)	<u>Proposed Renewable Portfolio Standard Adder (\$/kWh)</u>							<u>\$0.00193</u>
(18)	Total Residential and Small C&I Default Service Price per kWh							\$0.06680

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- (1) Per Monthly CR97987A Default Service Revenue Reports (Rates D, D-10, G-3, M, T, and V)
 (2) Per Monthly CR97992A Total Revenue Reports (Rates D, D-10, G-3, M, T, and V)
 (3) Line (1) ÷ Line (2)
 (4) Per Company forecast for residential and small C&I rates (Rates D, D-10, G-3, M, T and V)
 (5) Line (3)
 (6) Line (4) x Line (5)
 (7) Line (6)
 (8) Wholesale loads for the 12 month period ending December 2007
 (9) Retail loads for the 12 month period ending December 2007
 (10) Line (8) ÷ Line (9), rounded to five decimal places
 (11) Contractor Wholesale Price
 (12) Line (10) x Line (11) / 1000, truncated to five decimal places
 (13) Line (7) x Line (12)
 (14) Line (13) ÷ Line (7), rounded to five decimal places
 (15) Schedule SMM-7, Page 1
 (16) Schedule SMM-9, Page 1
 (17) Schedule MMJ-5
 (18) Line (14) + Line (15) + Line (16) + Line (17)

Granite State Electric Company d/b/a National Grid

Docket No. DE 11-016

Witness: S.M. McCabe

Schedule SMM-3
Default Service Reconciliation
February 1, 2010 - January 31, 2011

National Grid
Default Service Reconciliation
February 2010 Through January 2011

Month	Over/(Under) Beginning Balance (a)	Base Default Service Revenue (b)	Default Service Adjustment (c)	Default Service Expense (d)	Monthly Over/(Under) (e)	Over/(Under) Ending Balance (f)	Balance Subject to Interest (g)	Effective Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Feb-10	\$0	\$3,484,041	(\$41,076)	\$3,857,502	(\$414,537)	(\$414,537)	(\$207,268)	3.25%	(\$553)	(\$553)
Mar-10	(\$415,090)	\$3,675,895		\$3,891,224	(\$215,329)	(\$630,419)	(\$522,755)	3.25%	(\$1,395)	(\$1,948)
Apr-10	(\$631,814)	\$3,314,679		\$3,559,092	(\$244,413)	(\$876,227)	(\$754,021)	3.25%	(\$2,012)	(\$3,961)
May-10	(\$878,240)	\$3,232,369	\$219,306	\$3,127,619	\$324,056	(\$554,184)	(\$716,212)	3.25%	(\$1,911)	(\$5,872)
Jun-10	(\$556,096)	\$3,423,734		\$3,322,132	\$101,602	(\$454,494)	(\$505,295)	3.25%	(\$1,349)	(\$7,221)
Jul-10	(\$455,842)	\$4,088,233		\$4,297,859	(\$209,626)	(\$665,469)	(\$560,656)	3.25%	(\$1,496)	(\$8,717)
Aug-10	(\$666,965)	\$3,880,234		\$3,977,920	(\$97,685)	(\$764,650)	(\$715,808)	3.25%	(\$1,910)	(\$10,627)
Sep-10	(\$766,561)	\$3,360,295		\$3,104,778	\$255,516	(\$511,044)	(\$638,803)	3.25%	(\$1,705)	(\$12,332)
Oct-10	(\$512,749)	\$3,177,150		\$3,310,276	(\$133,126)	(\$645,875)	(\$579,312)	3.25%	(\$1,546)	(\$13,878)
Nov-10	(\$647,421)	\$3,187,749		\$3,045,995	\$141,753	(\$505,668)	(\$576,545)	3.25%	(\$1,539)	(\$15,417)
Dec-10	(\$507,207)	\$3,524,660		\$3,832,754	(\$308,094)	(\$815,301)	(\$661,254)	3.25%	(\$1,765)	(\$17,182)
Jan-11	(\$817,066)	\$4,096,290		\$4,121,885	(\$25,595)	(\$842,661)	(\$829,863)	3.25%	(\$2,215)	(\$19,396)
		\$42,445,329	\$178,230	\$43,449,037						
Cumulative Over/(Under) Collection of Default Service						(\$844,876)				

- (a) Prior Month Column (f) + Prior Month Column (i)
- (b) Page 3
- (c) Feb 10: Adjustment to Base Default Service Revenue for January 2010.
Apr 10: Schedule SMM-5 Page 1
- (d) Page 2
- (e) Column (b) + Column (c) - Column (d)
- (f) Column (a) + Column (e)
- (g) [Column (a) + Column (f)] ÷ 2
- (h) Interest rate on Customer Deposits
- (i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
- (j) Column (i) + Prior Month Column (j)

National Grid
Default Service Expense

	Default Service Bill (a)	Supplier Reallocations (b)	Total Expense (c) = (a) + (b)
February 2010	\$3,856,173	\$1,329	\$3,857,502
March	\$3,695,293	\$195,931	\$3,891,224
April	\$3,321,270	\$237,823	\$3,559,092
May	\$3,143,496	(\$15,877)	\$3,127,619
June	\$3,403,552	(\$81,420)	\$3,322,132
July	\$4,335,824	(\$37,966)	\$4,297,859
August	\$4,017,604	(\$39,685)	\$3,977,920
September	\$3,284,955	(\$180,177)	\$3,104,778
October	\$3,298,036	\$12,239	\$3,310,276
November	\$3,123,917	(\$77,921)	\$3,045,995
December	\$3,804,109	\$28,645	\$3,832,754
January 2011	<u>\$4,156,499</u>	<u>(\$34,614)</u>	<u>\$4,121,885</u>
Total	\$43,440,727	\$8,310	\$43,449,037

Source: Monthly Default Service Provider Invoices

National Grid
Default Service Revenue

	Default Service Revenue (a)	Renewable Portfolio Standard Revenue (b)	Base Default Service Revenue (c) = (a) - (b)
February 2010	\$3,599,594	\$115,552	\$3,484,041
March	\$3,796,998	\$121,103	\$3,675,895
April	\$3,425,680	\$111,001	\$3,314,679
May	\$3,338,237	\$105,868	\$3,232,369
June	\$3,540,559	\$116,825	\$3,423,734
July	\$4,226,260	\$138,027	\$4,088,233
August	\$4,004,213	\$123,979	\$3,880,234
September	\$3,467,924	\$107,630	\$3,360,295
October	\$3,280,677	\$103,528	\$3,177,150
November	\$3,260,403	\$72,654	\$3,187,749
December	\$3,604,370	\$79,710	\$3,524,660
January 2011	<u>\$4,220,795</u>	<u>\$124,505</u>	<u>\$4,096,290</u>
Total	\$43,765,711	\$1,320,383	\$42,445,329

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-4
Renewable Portfolio Standard Reconciliation

National Grid
Renewable Portfolio Standard Reconciliation
January 2010 - December 2010

Balance @ December 31, 2010

Month	Beginning Balance (a)	Revenue (b)	Adjustment (c)	Expense (d)	Monthly Over/(Under) (e)	Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Jan-10	\$0	\$143,728	(\$14,708)	\$0	\$158,436	\$158,436	\$79,218	3.25%	\$211	\$211
Feb-10	\$158,647	\$115,552		\$0	\$115,552	\$274,200	\$216,424	3.25%	\$578	\$789
Mar-10	\$274,777	\$121,103		\$0	\$121,103	\$395,880	\$335,329	3.25%	\$895	\$1,684
Apr-10	\$396,775	\$111,001		\$0	\$111,001	\$507,776	\$452,276	3.25%	\$1,207	\$2,891
May-10	\$508,983	\$105,868		\$454,500	(\$348,632)	\$160,352	\$334,667	3.25%	\$893	\$3,784
Jun-10	\$161,245	\$116,825		\$63,998	\$52,828	\$214,073	\$187,659	3.25%	\$501	\$4,285
Jul-10	\$214,573	\$138,027	(\$286,699)	\$0	\$424,726	\$639,299	\$426,936	3.25%	\$1,139	\$5,424
Aug-10	\$640,439	\$123,979		\$4,500	\$119,479	\$759,917	\$700,178	3.25%	\$1,869	\$7,293
Sep-10	\$761,786	\$107,630		\$0	\$107,630	\$869,416	\$815,601	3.25%	\$2,177	\$9,470
Oct-10	\$871,592	\$103,528		\$42,640	\$60,888	\$932,480	\$902,036	3.25%	\$2,407	\$11,877
Nov-10	\$934,887	\$72,654		\$1,794	\$70,860	\$1,005,748	\$970,318	3.25%	\$2,590	\$14,467
Dec-10	\$1,008,337	\$79,710		\$3,135	\$76,575	\$1,084,912	\$1,046,625	3.25%	\$2,793	\$17,260

Projected Balance @ June 30, 2011

Jan-11	\$1,087,706			\$71,531	(\$71,531)	\$1,016,175	\$1,051,940	3.25%	\$2,807	\$20,067
Feb-11	\$1,018,982			\$0	\$0	\$1,018,982	\$1,018,982	3.25%	\$2,719	\$22,787
Mar-11	\$1,021,701			\$0	\$0	\$1,021,701	\$1,021,701	3.25%	\$2,727	\$25,514
Apr-11	\$1,024,428			\$0	\$0	\$1,024,428	\$1,024,428	3.25%	\$2,734	\$28,248
May-11	\$1,027,162			\$0	\$0	\$1,027,162	\$1,027,162	3.25%	\$2,741	\$30,989
Jun-11	\$1,029,903			\$401,100	(\$401,100)	\$628,803	\$829,353	3.25%	\$2,213	\$33,202

\$1,339,606 (\$301,406) \$1,043,197

Cumulative Over/(Under) Collection of Renewable Portfolio Standard
Compliance Costs

\$631,017

- (a) Prior Month Column (f) + Prior Month Column (i)
- (b) Page 2 Column (g)
- (c) Jan 10: Correction of RPS Revenue included in March 15, 2010 May 2010 Default Service filing in DE 10-020, Schedule SMM-4
Jul 10: True up of estimated remaining expenses to meet 2009 RPS obligation included in March 15, 2010 May 2010 Default Service filing
Schedule SMM-4
- (d) Page 3
- (e) Column (b) - Column (c) - Column (d)
- (f) Column (a) + Column (e)
- (g) [Column (a) + Column (f)] ÷ 2
- (h) Interest Rate on Customer Deposits
- (i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
- (j) Column (i) + Prior Month Column (j)

National Grid
Renewable Portfolio Adder Revenue

	Small Customer Group kWh Deliveries (a)	Renewable Portfolio Standard Adder (b)	Renewable Portfolio Standard Revenue (c)	Large Customer Group kWh Deliveries (d)	Renewable Portfolio Standard Adder (e)	Renewable Portfolio Standard Revenue (f)	Total Renewable Portfolio Standard Revenue (g)
January 2010	36,837,226	\$0.00262	\$96,514	18,300,228	\$0.00258	\$47,215	\$143,728
February	30,225,662	\$0.00262	\$79,191	15,672,958	\$0.00232	\$36,361	\$115,552
March	31,076,971	\$0.00262	\$81,422	17,103,888	\$0.00232	\$39,681	\$121,103
April	27,500,310	\$0.00262	\$72,051	16,788,931	\$0.00232	\$38,950	\$111,001
May	28,401,628	\$0.00230	\$65,324	17,940,091	\$0.00226	\$40,545	\$105,868
June	32,012,932	\$0.00230	\$73,630	19,113,106	\$0.00226	\$43,196	\$116,825
July	38,358,980	\$0.00230	\$88,226	22,036,160	\$0.00226	\$49,802	\$138,027
August	35,209,653	\$0.00230	\$80,982	21,180,515	\$0.00203	\$42,996	\$123,979
September	29,891,901	\$0.00230	\$68,751	19,151,851	\$0.00203	\$38,878	\$107,630
October	29,361,548	\$0.00230	\$67,532	17,732,083	\$0.00203	\$35,996	\$103,528
November	30,458,785	\$0.00153	\$46,602	17,027,612	\$0.00153	\$26,052	\$72,654
December	33,851,980	\$0.00153	\$51,794	18,246,046	\$0.00153	\$27,916	\$79,710
January 2011	39,276,466	\$0.00208	\$81,695	20,581,804	\$0.00208	\$42,810	\$124,505
Total							

- (a) Monthly Energy Service Revenue Report - CR97987A
- (b) Approved RPS Adder
- (c) Column (a) x Column (b)
- (d) Monthly Energy Service Revenue Report - CR97987A
- (e) Approved RPS Adder
- (f) Column (d) x Column (e)
- (g) Column (c) + Column (f)

National Grid
Renewable Portfolio Standard Expenses

2010
Renewable
Portfolio
Standard
Expenses

January 2010	\$0
February	\$0
March	\$0
April	\$0
May	\$454,500
June	\$63,998
July	\$0
August	\$4,500
September	\$0
October	\$42,640
November	\$1,794
December	\$3,135
January 2011	\$71,531
February	\$0
March	\$0
April	\$0
May	\$0
June	<u>\$401,100</u>
Total	\$1,043,197

From Invoices for RECS

June 2011 includes estimated expense to be incurred to purchase remaining 2010 obligation, Based on RECs contracted but not yet delivered.

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-5
2009 Default Service Adjustment Factor Reconciliation

National Grid
Reconciliation of Default Service Over Recovery
Balance Incurred February 2008 through January 2009
Refunded May 2009 - April 2010

Month	Beginning Over Recovery Balance (a)	Default Service Adjustment Refund (b)	Ending Over Recovery Balance (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
May-09	\$1,845,957	(\$128,391)	\$1,717,566	\$1,781,762	3.25%	\$4,755	\$4,755
Jun-09	\$1,722,322	(\$130,926)	\$1,591,395	\$1,656,858	3.25%	\$4,422	\$9,177
Jul-09	\$1,595,817	(\$146,194)	\$1,449,623	\$1,522,720	3.25%	\$4,064	\$13,241
Aug-09	\$1,453,687	(\$154,672)	\$1,299,015	\$1,376,351	3.25%	\$3,673	\$16,914
Sep-09	\$1,302,688	(\$134,061)	\$1,168,628	\$1,235,658	3.25%	\$3,298	\$20,212
Oct-09	\$1,171,925	(\$132,205)	\$1,039,720	\$1,105,823	3.25%	\$2,951	\$23,163
Nov-09	\$1,042,671	(\$130,007)	\$912,664	\$977,668	3.25%	\$2,609	\$25,772
Dec-09	\$915,273	(\$151,832)	\$763,441	\$839,357	3.25%	\$2,240	\$28,012
Jan-10	\$765,681	(\$157,146)	\$608,535	\$687,108	3.25%	\$1,834	\$29,846
Feb-10	\$610,369	(\$130,822)	\$479,547	\$544,958	3.25%	\$1,454	\$31,300
Mar-10	\$481,001	(\$137,323)	\$343,678	\$412,340	3.25%	\$1,100	\$32,401
Apr-10	\$344,779	(\$126,225)	\$218,554	\$281,666	3.25%	\$752	\$33,153
		(\$1,659,804)					
Remaining Recovery			\$219,306				

- (a) Beginning Balance: March 16, 2009 May 2009 Default Service filing in DE 09-010, Schedule SMM-6, Page 2
Prior Month Column (c) + Prior Month Column (f)
- (b) Monthly Energy Service Revenue Report - CR97987A
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Interest rate on Customer Deposits
- (f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
- (g) Column (f) + Prior Month Column (g)

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-6
2010 Default Service Adjustment Factor Reconciliation

National Grid
Reconciliation of Default Service Under Recovery
Balance Incurred February 2009 through January 2010
Refunded May 2010 - April 2011

Month	Beginning Under Recovery Balance (a)	Default Service Adjustment Revenue (b)	Ending Under Recovery Balance (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
May-10	(\$714,571)	\$44,027	(\$670,544)	(\$692,558)	3.25%	(\$1,848)	(\$1,848)
Jun-10	(\$672,392)	\$62,583	(\$609,809)	(\$641,101)	3.25%	(\$1,711)	(\$3,559)
Jul-10	(\$611,520)	\$74,294	(\$537,226)	(\$574,373)	3.25%	(\$1,533)	(\$5,092)
Aug-10	(\$538,759)	\$69,466	(\$469,293)	(\$504,026)	3.25%	(\$1,345)	(\$6,437)
Sep-10	(\$470,638)	\$60,258	(\$410,380)	(\$440,509)	3.25%	(\$1,176)	(\$7,613)
Oct-10	(\$411,556)	\$57,805	(\$353,751)	(\$382,653)	3.25%	(\$1,021)	(\$8,634)
Nov-10	(\$354,772)	\$58,378	(\$296,394)	(\$325,583)	3.25%	(\$869)	(\$9,503)
Dec-10	(\$297,263)	\$64,093	(\$233,169)	(\$265,216)	3.25%	(\$708)	(\$10,211)
Jan-11	(\$233,877)	\$73,622	(\$160,255)	(\$197,066)	3.25%	(\$526)	(\$10,737)
Feb-11	(\$160,781)		(\$160,781)	(\$160,781)	3.25%	(\$429)	(\$11,166)
Mar-11	(\$161,210)		(\$161,210)	(\$161,210)	3.25%	(\$430)	(\$11,596)
Apr-11	(\$161,640)		(\$161,640)	(\$161,640)	3.25%	(\$431)	(\$12,028)
		\$564,527					
Remaining Recovery			(\$162,071)				

- (a) Beginning Balance: March 15, 2010 May 2010 Default Service filing in DE 10-020, Schedule SMM-7, Page 2
Prior Month Column (c) + Prior Month Column (f)
- (b) Monthly Energy Service Revenue Report - CR97987A
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Interest rate on Customer Deposits
- (f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
- (g) Column (f) + Prior Month Column (g)

Granite State Electric Company d/b/a National Grid

Docket No. DE 11-016

Witness: S.M. McCabe

Schedule SMM-7
Calculation of
Proposed 2011 Default Service Adjustment Factor

National Grid
Calculation of Default Service Adjustment Factor
Effective May 1, 2011

(1) Default Service Under Collection	(\$844,876)
(2) Renewable Portfolio Standard Obligation Over Collection	\$631,017
(3) Estimated Interest During Refund Period	<u>(\$13,482)</u>
(4) Under Collection Including Interest	(\$227,341)
(5) Estimated Default Service kWh Deliveries	640,519,972
(6) Default Service Adjustment Factor per kWh	\$0.00035

- (1) Schedule SMM-3, Page 1 of 3
- (2) Schedule SMM-4, Page 1 of 3
- (3) Line (1) + Line (2)
- (4) Line (1) + Line (2) + Line (3)
- (5) Per Company forecast, total company estimated deliveries of 922,698,196 multiplied by the percentage of February 2011 deliveries attributable to Default Service of 69.42%
- (6) Line (3) ÷ Line (4), truncated after 5 decimal places

National Grid
Calculation of Interest on Default Service Undercollection

	Beginning Undercollection With Interest (a)	Estimated Recovery (b)	Ending Undercollection (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
February 2011	(\$844,876)		(\$844,876)	(\$844,876)	3.25%	(\$2,255)	(\$2,255)
March	(\$847,130)		(\$847,130)	(\$847,130)	3.25%	(\$2,261)	(\$4,516)
April	(\$849,391)		(\$849,391)	(\$849,391)	3.25%	(\$2,267)	(\$6,783)
May	(\$851,658)	\$70,972	(\$780,687)	(\$816,172)	3.25%	(\$2,178)	(\$8,961)
June	(\$782,865)	\$71,170	(\$711,695)	(\$747,280)	3.25%	(\$1,994)	(\$10,955)
July	(\$713,690)	\$71,369	(\$642,321)	(\$678,005)	3.25%	(\$1,809)	(\$12,765)
August	(\$644,130)	\$71,570	(\$572,560)	(\$608,345)	3.25%	(\$1,624)	(\$14,388)
September	(\$574,184)	\$71,773	(\$502,411)	(\$538,297)	3.25%	(\$1,437)	(\$15,825)
October	(\$503,847)	\$71,978	(\$431,869)	(\$467,858)	3.25%	(\$1,249)	(\$17,073)
November	(\$433,118)	\$72,186	(\$360,931)	(\$397,025)	3.25%	(\$1,060)	(\$18,133)
December	(\$361,991)	\$72,398	(\$289,593)	(\$325,792)	3.25%	(\$869)	(\$19,002)
January 2012	(\$290,462)	\$72,616	(\$217,847)	(\$254,155)	3.25%	(\$678)	(\$19,681)
February	(\$218,525)	\$72,842	(\$145,683)	(\$182,104)	3.25%	(\$486)	(\$20,167)
March	(\$146,169)	\$73,085	(\$73,085)	(\$109,627)	3.25%	(\$293)	(\$20,459)
April	(\$73,377)	<u>\$73,377</u>	(\$0)	(\$36,689)	3.25%	(\$98)	(\$20,557)
Total Recovery		\$865,335					

- (a) February 2010 per Page 1, Line (1); all other months = prior month Column (c) + prior month Column (f)
(b) Column (a) ÷ number of remaining months in recovery period
(c) Column (a) + Column (b)
(d) Average of Column (a) and Column (c)
(e) Interest rate on customer deposits
(f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
(g) Prior month Column (g) + Current month Column (f)

Calculation of Interest on Renewable Portfolio Standard Overcollection

	Beginning Overcollection With Interest (a)	Estimated Refund (b)	Ending Overcollection (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
May	\$631,017	(\$52,585)	\$578,432	\$604,725		\$0	\$0
June	\$578,432	(\$52,585)	\$525,847	\$552,140		\$0	\$0
July	\$525,847	(\$52,585)	\$473,263	\$499,555	3.25%	\$1,333	\$1,333
August	\$474,596	(\$52,733)	\$421,863	\$448,229	3.25%	\$1,196	\$2,529
September	\$423,059	(\$52,882)	\$370,177	\$396,618	3.25%	\$1,059	\$3,588
October	\$371,235	(\$53,034)	\$318,202	\$344,719	3.25%	\$920	\$4,508
November	\$319,122	(\$53,187)	\$265,935	\$292,528	3.25%	\$781	\$5,289
December	\$266,715	(\$53,343)	\$213,372	\$240,044	3.25%	\$641	\$5,929
January 2011	\$214,013	(\$53,503)	\$160,510	\$187,261	3.25%	\$500	\$6,429
February	\$161,010	(\$53,670)	\$107,340	\$134,175	3.25%	\$358	\$6,787
March	\$107,698	(\$53,849)	\$53,849	\$80,773	3.25%	\$216	\$7,003
April	\$54,064	<u>(\$54,064)</u>	\$0	\$27,032	3.25%	\$72	\$7,075
Total Refund		(\$638,020)					

- (a) May 2010 per Page 1, Line (2); all other months = prior month Column (c) + prior month Column (f)
(b) Column (a) ÷ number of remaining months in recovery period
(c) Column (a) + Column (b)
(d) Average of Column (a) and Column (c)
(e) Interest rate on customer deposits, Interest rates for May and June are zero as beginning balance already includes interest through June 2010
(f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
(g) Prior month Column (g) + Current month Column (f)

Schedule SMM-8
Default Service Cost Reclassification
Adjustment Factor Reconciliation
February 1, 2010 - January 31, 2011

National Grid
Default Service Cost Reclassification Adjustment Factor Reconciliation
February 2010 Through January 2011

Month	Beginning Balance (a)	Revenue (b)	Adjustment (c)	Expense (d)	Monthly Over/(Under) (e)	Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
Feb-10	(\$185,422)	\$30,080	\$26,485	\$27,510	(\$23,915)	(\$209,337)	(\$197,380)	3.25%	(\$527)	(\$527)
Mar-10	(\$209,864)	\$31,472		\$37,088	(\$5,616)	(\$215,480)	(\$212,672)	3.25%	(\$568)	(\$1,094)
Apr-10	(\$216,047)	\$29,292		\$38,259	(\$8,967)	(\$225,014)	(\$220,531)	3.25%	(\$589)	(\$1,683)
May-10	(\$225,603)	\$31,957		\$24,199	\$7,758	(\$217,845)	(\$221,724)	3.25%	(\$592)	(\$2,275)
Jun-10	(\$218,437)	\$36,199		\$27,177	\$9,022	(\$209,415)	(\$213,926)	3.25%	(\$571)	(\$2,846)
Jul-10	(\$209,986)	\$43,064		\$34,885	\$8,180	(\$201,806)	(\$205,896)	3.25%	(\$550)	(\$3,395)
Aug-10	(\$202,355)	\$39,918		\$29,950	\$9,968	(\$192,388)	(\$197,372)	3.25%	(\$527)	(\$3,922)
Sep-10	(\$192,914)	\$34,321		\$29,101	\$5,219	(\$187,695)	(\$190,305)	3.25%	(\$508)	(\$4,430)
Oct-10	(\$188,203)	\$33,283		\$36,705	(\$3,422)	(\$191,625)	(\$189,914)	3.25%	(\$507)	(\$4,937)
Nov-10	(\$192,132)	\$34,038		\$30,319	\$3,719	(\$188,413)	(\$190,272)	3.25%	(\$508)	(\$5,444)
Dec-10	(\$188,921)	\$37,568		\$35,620	\$1,948	(\$186,972)	(\$187,946)	3.25%	(\$502)	(\$5,946)
Jan-11	(\$187,474)	\$43,356		\$34,996	\$8,359	(\$179,114)	(\$183,294)	3.25%	(\$489)	(\$6,435)
		\$242,548	\$26,485	\$385,810						
Cumulative Over/(Under) Collection of Default Service Administrative Costs						(\$179,604)				

- (a) Page 5
Prior Month Column (f) + Prior Month Column (i)
- (b) Monthly Energy Service Revenue Report - CR97987A
- (c) Consultant invoices- Docket DG 07-072, Gas and Electric Indirect Costs—Carrying Charge Rate Regarding Supply Related Cash Working Capital
- (d) Page 2 Column (4)
- (e) Column (b) - Column (c) - Column (d)
- (f) Column (a) + Column (e)
- (g) [Column (a) + Column (f)] ÷ 2
- (h) Interest Rate on Customer Deposits
- (i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
- (j) Column (i) + Prior Month Column (j)

National Grid
Default Service Cost Reclassification Adjustment Expenses
February 2010 Through January 2011

	Payroll and Other Admin Expenses (a)	Bad Debt Expense (b)	Cash Working Capital Expense (c)	Total Expense (d)
February 2010	\$5,711	\$18,476	\$3,322	\$27,510
March	\$15,261	\$18,476	\$3,351	\$37,088
April	\$16,718	\$18,476	\$3,065	\$38,259
May	\$3,029	\$18,476	\$2,694	\$24,199
June	\$13,188	\$18,476	(\$4,488)	\$27,177
July	\$13,742	\$18,476	\$2,667	\$34,885
August	\$8,048	\$18,476	\$3,426	\$29,950
September	\$8,024	\$18,476	\$2,601	\$29,101
October	\$15,377	\$18,476	\$2,851	\$36,705
November	\$9,909	\$18,476	\$1,934	\$30,319
December	\$13,871	\$18,476	\$3,272	\$35,620
January 2011	<u>\$13,021</u>	<u>\$18,476</u>	<u>\$3,499</u>	<u>\$34,996</u>
Total	\$135,899	\$221,716	\$28,195	\$385,810

- (a) Per general ledger and invoices
- (b) Schedule SMM-9, Workpaper 2
Page 1 - Section 5 Line (3) ÷ 12
- (c) Page 3 Column (e)+ Page 4 Column (e)
- (d) Column (a) + Column (b) + Column (c)

National Grid
Default Service Cost Reclassification Adjustment Expenses
February 2010 Through January 2011

	Total Power Procurement Default Service Expenses (a)	CWC % (b)	Working Capital Requirement (c)	Prime Interest Rate (d)	Working Capital Impact (e)
February 2010	\$3,857,502	2.65%	\$102,224	3.25%	\$3,322
March	\$3,891,224	2.65%	\$103,117	3.25%	\$3,351
April	\$3,559,092	2.65%	\$94,316	3.25%	\$3,065
May	\$3,127,619	2.65%	\$82,882	3.25%	\$2,694
June	\$3,322,132	2.65%	\$88,037	3.25%	\$2,861
July	\$4,297,859	2.65%	\$113,893	3.25%	\$3,702
August	\$3,977,920	2.65%	\$105,415	3.25%	\$3,426
September	\$3,104,778	2.65%	\$82,277	3.25%	\$2,674
October	\$3,310,276	2.65%	\$87,722	3.25%	\$2,851
November	\$3,045,995	2.65%	\$80,719	3.25%	\$2,623
December	\$3,832,754	2.65%	\$101,568	3.25%	\$3,301
January 2011	<u>\$4,121,885</u>	2.65%	<u>\$109,230</u>	3.25%	<u>\$3,550</u>
Total	\$43,449,037		\$1,151,399		\$37,420

- (a) Schedule SMM-3, Page 2, Column (c)
- (b) Schedule SMM-9, Workpaper 5,
Page 1, Line (1) Column (d)
- (c) Column (a) x Column (b)
- (d) Prime Interest Rate - Interest Rate on Customer Deposits
- (e) Column (c) x Column (d)

National Grid
Default Service Cost Reclassification Adjustment Expenses
February 2010 Through January 2011

	RPS Expenses (a)	CWC % (b)	Working Capital Requirement (c)	Prime Interest Rate (d)	Working Capital Impact (e)
February 2010	\$0	-49.75%	\$0	3.25%	\$0
March	\$0	-49.75%	\$0	3.25%	\$0
April	\$0	-49.75%	\$0	3.25%	\$0
May	\$0	-49.75%	\$0	3.25%	\$0
June	\$454,500	-49.75%	(\$226,114)	3.25%	(\$7,349)
July	\$63,998	-49.75%	(\$31,839)	3.25%	(\$1,035)
August	\$0	-49.75%	\$0	3.25%	\$0
September	\$4,500	-49.75%	(\$2,239)	3.25%	(\$73)
October	\$0	-49.75%	\$0	3.25%	\$0
November	\$42,640	-49.75%	(\$21,213)	3.25%	(\$689)
December	\$1,794	-49.75%	(\$892)	3.25%	(\$29)
January 2011	<u>\$3,135</u>	-49.75%	<u>(\$1,560)</u>	3.25%	<u>(\$51)</u>
Total	\$570,566		(\$283,857)		(\$9,225)

- (a) Schedule SMM-4, Page 3
- (b) Schedule SMM-9, Workpaper 5,
Page 1, Line (2) Column (d)
- (c) Column (a) x Column (b)
- (d) Prime Interest Rate - Interest Rate on Customer Deposits
- (e) Column (c) x Column (d)

Granite State Electric Company
Default Service Cost Reclassification Adjustment Factor Reconciliation
May 2006 - January 2010

Month	Beginning Balance (a)	Revenue (b)	Adjustment (c)	Expense (d)	Monthly Over/(Under) (e)	Ending Balance (f)	Balance Subject to Interest (g)	Interest Rate (h)	Interest (i)	Cumulative Interest (j)
May-06	\$0	\$14,929		\$8,916	\$6,013	\$6,013	\$3,006	7.50%	\$18	\$18
Jun-06	\$6,031	\$15,832		\$9,561	\$6,270	\$12,301	\$9,166	7.50%	\$55	\$74
Jul-06	\$12,357	\$18,049		\$11,520	\$6,529	\$18,885	\$15,621	8.00%	\$101	\$174
Aug-06	\$18,986	\$15,606		\$9,585	\$6,020	\$25,006	\$21,996	8.00%	\$142	\$316
Sep-06	\$25,147	\$13,308		\$10,433	\$2,875	\$28,022	\$26,585	8.00%	\$171	\$487
Oct-06	\$28,193	\$13,175		\$8,579	\$4,596	\$32,789	\$30,491	8.25%	\$202	\$689
Nov-06	\$32,991	\$13,427		\$8,342	\$5,085	\$38,075	\$35,533	8.25%	\$236	\$924
Dec-06	\$38,311	\$14,421		\$11,264	\$3,157	\$41,468	\$39,890	8.25%	\$264	\$1,189
Jan-07	\$41,733	\$15,271		\$9,507	\$5,764	\$47,496	\$44,614	8.25%	\$296	\$1,484
Feb-07	\$47,792	\$14,084	\$8,787	\$26,888	(\$4,016)	\$43,776	\$45,784	8.25%	\$303	\$1,788
Mar-07	\$44,080	\$13,690		\$28,103	(\$14,413)	\$29,666	\$36,873	8.25%	\$244	\$2,032
Apr-07	\$29,911	\$12,490		\$26,295	(\$13,805)	\$16,106	\$23,008	8.25%	\$153	\$2,185
May-07	\$16,258	\$6,489		\$27,988	(\$21,499)	(\$5,241)	\$5,509	8.25%	\$37	\$2,221
Jun-07	(\$5,204)	\$6,887		\$32,213	(\$25,326)	(\$30,531)	(\$17,868)	8.25%	(\$118)	\$2,103
Jul-07	(\$30,649)	\$7,723		\$27,124	(\$19,402)	(\$50,051)	(\$40,350)	8.25%	(\$267)	\$1,835
Aug-07	(\$50,318)	\$7,666		\$23,798	(\$16,132)	(\$66,450)	(\$58,384)	8.25%	(\$387)	\$1,448
Sep-07	(\$66,837)	\$5,870		\$30,047	(\$24,178)	(\$91,014)	(\$78,925)	8.25%	(\$523)	\$925
Oct-07	(\$91,537)	\$5,269		\$27,397	(\$22,128)	(\$113,665)	(\$102,601)	8.25%	(\$680)	\$245
Nov-07	(\$114,345)	\$6,616		\$28,533	(\$21,917)	(\$136,262)	(\$125,303)	8.25%	(\$831)	(\$585)
Dec-07	(\$137,092)	\$8,177		\$36,605	(\$28,427)	(\$165,520)	(\$151,306)	8.25%	(\$1,003)	(\$1,588)
Jan-08	(\$166,523)	\$7,786		\$24,552	(\$16,766)	(\$183,289)	(\$174,906)	7.50%	(\$1,057)	(\$2,645)
Feb-08	(\$184,346)	\$6,740	(\$112)	\$33,997	(\$27,369)	(\$211,715)	(\$198,031)	7.50%	(\$1,197)	(\$3,843)
Mar-08	(\$212,912)	\$7,378		\$36,622	(\$29,245)	(\$242,157)	(\$227,535)	7.50%	(\$1,375)	(\$5,218)
Apr-08	(\$243,532)	\$13,449		\$33,776	(\$20,327)	(\$263,859)	(\$253,696)	6.00%	(\$1,235)	(\$6,453)
May-08	(\$265,094)	\$35,082		\$32,702	\$2,380	(\$262,714)	(\$263,904)	6.00%	(\$1,285)	(\$7,737)
Jun-08	(\$263,999)	\$40,786		\$35,680	\$5,106	(\$258,893)	(\$261,446)	6.00%	(\$1,273)	(\$9,010)
Jul-08	(\$260,166)	\$48,026		\$34,132	\$13,894	(\$246,272)	(\$253,219)	5.00%	(\$1,032)	(\$10,042)
Aug-08	(\$247,303)	\$47,109		\$33,766	\$13,343	(\$233,960)	(\$240,632)	5.00%	(\$980)	(\$11,022)
Sep-08	(\$234,941)	\$41,218		\$33,576	\$7,643	(\$227,298)	(\$231,120)	5.00%	(\$942)	(\$11,964)
Oct-08	(\$228,240)	\$38,792		\$32,593	\$6,199	(\$222,041)	(\$225,141)	5.00%	(\$917)	(\$12,881)
Nov-08	(\$222,959)	\$39,809		\$31,379	\$8,430	(\$214,529)	(\$218,744)	5.00%	(\$891)	(\$13,772)
Dec-08	(\$215,420)	\$47,712		\$45,807	\$1,905	(\$213,515)	(\$214,467)	5.00%	(\$874)	(\$14,646)
Jan-09	(\$214,388)	\$51,300		\$34,403	\$16,897	(\$197,492)	(\$205,940)	4.00%	(\$674)	(\$15,320)
Feb-09	(\$198,166)	\$42,790		\$34,232	\$8,558	(\$189,607)	(\$193,887)	4.00%	(\$635)	(\$15,955)
Mar-09	(\$190,242)	\$43,290		\$33,781	\$9,509	(\$180,733)	(\$185,488)	4.00%	(\$607)	(\$16,562)
Apr-09	(\$181,341)	\$36,098		\$31,617	\$4,481	(\$176,860)	(\$179,100)	3.25%	(\$478)	(\$17,040)
May-09	(\$177,338)	\$32,550		\$34,471	(\$1,921)	(\$179,259)	(\$178,298)	3.25%	(\$476)	(\$17,516)
Jun-09	(\$179,734)	\$29,732		\$35,874	(\$6,141)	(\$185,876)	(\$182,805)	3.25%	(\$488)	(\$18,004)
Jul-09	(\$186,364)	\$33,337		\$32,401	\$937	(\$185,427)	(\$185,895)	3.25%	(\$496)	(\$18,500)
Aug-09	(\$185,923)	\$35,317		\$31,701	\$3,615	(\$182,308)	(\$184,115)	3.25%	(\$491)	(\$18,991)
Sep-09	(\$182,799)	\$30,356		\$33,738	(\$3,382)	(\$186,181)	(\$184,490)	3.25%	(\$492)	(\$19,484)
Oct-09	(\$186,673)	\$29,999		\$31,359	(\$1,361)	(\$188,034)	(\$187,354)	3.25%	(\$500)	(\$19,984)
Nov-09	(\$188,534)	\$29,774		\$31,043	(\$1,269)	(\$189,803)	(\$189,169)	3.25%	(\$505)	(\$20,488)
Dec-09	(\$190,308)	\$34,938		\$33,610	\$1,328	(\$188,980)	(\$189,644)	3.25%	(\$506)	(\$20,995)
Jan-10	(\$189,486)	\$36,221		\$31,658	\$4,563	(\$184,922)	(\$187,204)	3.25%	(\$500)	(\$21,494)
		\$1,068,567	\$8,675	\$1,241,171						

Cumulative Over/(Under) Collection of Default Service

Administrative Costs

(\$185,422)

- (a) Prior Month Column (f) + Prior Month Column (i)
 (b) May 2006 - January 2007: Default Service Filing in DE 07-012, Schedule SMM-7, Page 2, Column (3) + Page 3, Column (3)
 February 2007 - January 2008: Default Service Filing in DE 08-011, Schedule SMM-7, Page 2, Column (3) + Page 3, Column (3)
 February 2008 - January 2009: Default Service Filing in DE 09-010, Schedule SMM-7, Page 2, Column (3) + Page 3, Column (3)
 February 2009 - January 2010: Default Service Filing in DE 10-020, Schedule SMM-8, Page 2, Column (3) + Page 3, Column (3)
 (c) February 2007: Adjustment to reflect corrections to the 2006 cash working capital study per the response to Record Request 12 of Follow-up Staff Discovery Set 1 in Docket No. 07-012.
 February 2008: Correction to Schedule SMM-7 filed March 17, 2008 May 2008 Default Service filing in DE 08-011
 (d) May 2006 - January 2007: Default Service Filing in DE 07-012, Schedule SMM-7, Page 4
 February 2007 - January 2008: Default Service Filing in DE 08-011, Schedule SMM-7, Page 4
 February 2008 - January 2009: Default Service Filing in DE 09-010, Schedule SMM-7, Revised Page 2, Column (4)
 February 2009 - January 2010: Default Service Filing in DE 10-020, Schedule SMM-8, Page 2, Column (4)
 (e) Column (b) + Column (c) - Column (d)
 (f) Column (a) + Column (e)
 (g) [Column (a) + Column (f)] ÷ 2
 (h) Interest Rate on Customer Deposits
 (i) Column (g) x [(1 + Column (h)) ^ (1 ÷ 12) - 1]
 (j) Column (i) + Prior Month Column (j)

National Grid
Calculation of Interest on Default Service Cost Reallocation Adjustment Factor Reconciliation Undercollection

	Beginning Undercollection With Interest (a)	Estimated Refund (b)	Ending Undercollection (c)	Balance Subject to Interest (d)	Effective Interest Rate (e)	Interest (f)	Cumulative Interest (g)
February 2011	(\$179,604)		(\$179,604)	(\$179,604)	3.25%	(\$479)	(\$479)
March	(\$180,083)		(\$180,083)	(\$180,083)	3.25%	(\$481)	(\$960)
April	(\$180,564)		(\$180,564)	(\$180,564)	3.25%	(\$482)	(\$1,442)
May	(\$181,045)	\$15,087	(\$165,958)	(\$173,502)	3.25%	(\$463)	(\$1,905)
June	(\$166,421)	\$15,129	(\$151,292)	(\$158,857)	3.25%	(\$424)	(\$2,329)
July	(\$151,716)	\$15,172	(\$136,544)	(\$144,130)	3.25%	(\$385)	(\$2,713)
August	(\$136,929)	\$15,214	(\$121,715)	(\$129,322)	3.25%	(\$345)	(\$3,059)
September	(\$122,060)	\$15,257	(\$106,802)	(\$114,431)	3.25%	(\$305)	(\$3,364)
October	(\$107,108)	\$15,301	(\$91,807)	(\$99,457)	3.25%	(\$265)	(\$3,629)
November	(\$92,072)	\$15,345	(\$76,727)	(\$84,399)	3.25%	(\$225)	(\$3,855)
December	(\$76,952)	\$15,390	(\$61,562)	(\$69,257)	3.25%	(\$185)	(\$4,040)
January 2012	(\$61,746)	\$15,437	(\$46,310)	(\$54,028)	3.25%	(\$144)	(\$4,184)
February	(\$46,454)	\$15,485	(\$30,969)	(\$38,712)	3.25%	(\$103)	(\$4,287)
March	(\$31,073)	\$15,536	(\$15,536)	(\$23,305)	3.25%	(\$62)	(\$4,349)
April	(\$15,599)	<u>\$15,599</u>	\$0	(\$7,799)	3.25%	(\$21)	(\$4,370)
Total Recovery		\$183,953					

- (a) February 2011 per Page 1, Line (2); all other months = prior month Column (c) + prior month Column (f)
(b) Column (a) ÷ number of remaining months in recovery period
(c) Column (a) + Column (b)
(d) Average of Column (a) and Column (c)
(e) Interest rate on customer deposits
(f) Column (d) x [(1 + Column (e)) ^ (1 ÷ 12) - 1]
(g) Prior month Column (g) + Current month Column (f)

Granite State Electric Company d/b/a National Grid

Docket No. DE 11-016

Witness: S.M. McCabe

Schedule SMM-9
Calculation of
Proposed Default Service Cost
Reclassification Adjustment Factors

National Grid
Calculation of Default Service Cost Reclassification Adjustment Factors

	<u>Total</u>	<u>Residential and Small C&I</u>	<u>Medium and Large C&I</u>
(1) Total Estimated Commodity Related Costs	\$373,561	\$224,087	\$149,474
(2) Undercollection Related to Default Service Cost Reclassification Adjustment Factor	(\$179,604)	(\$107,739)	(\$71,865)
(3) Net Estimated Commodity Related Costs	\$553,165	\$331,826	\$221,339
(4) Estimated Default Service kWh Deliveries	640,519,972	421,720,387	218,799,585
(5) 2011 Default Service Cost Reclassification Adjustment Factor per kWh	\$0.00086	\$0.00078	\$0.00101

- (1) Page 2, Line (6)
- (2) Schedule SMM-8, Page 1
- (3) Line (1) - Line (2)
- (4) Per Company forecast, total company estimated deliveries of 922,698,196 multiplied by the percentage of February 2011 deliveries attributable to Default Service of 69.42% and allocated to customer groups based on allocation of February 2011 deliveries attributable to each group.
- (5) Line (3) ÷ Line (4), truncated after 5 decimal places

National Grid
Calculation of Default Service Cost Reclassification Adjustment Factor

	<u>Total</u>	<u>Residential and Small C&I</u>	<u>Medium and Large C&I</u>
<u>Wholesale Costs:</u>			
(1) Procurement	\$131,080	\$43,693	\$87,387
(2) Ongoing Administration	<u>\$4,819</u>	<u>\$2,409</u>	<u>\$2,410</u>
(3) Total Wholesale Costs	\$135,899	\$46,102	\$89,797
<u>Direct Retail:</u>			
(4) Bad Debt Expense	<u>\$221,716</u>	<u>\$168,665</u>	<u>\$53,051</u>
<u>Cash Working Capital:</u>			
(5) Working Capital Impact	<u>\$15,946</u>	<u>\$9,320</u>	<u>\$6,626</u>
(6) Total Estimated Commodity Related Costs	\$373,561	\$224,087	\$149,474
(1) Schedule SMM-8 Allocated to customer group based on number of solicitations for each group in a year.			
(2) Schedule SMM-8 Allocated to customer group evenly.			
(3) Line (1) + Line (2)			
(4) Estimated based on actual 2010 net charge-offs. Allocated to customer group based on net charge-off method agreed to in the settlement in DE 05-126. Workpaper 2, Page 1, Section 5, Line (3)			
(5) Estimated based on actual 2010 supply invoices estimated RPS Obligations and customer billing. Workpaper 5, page 1, Line (5). Allocated to customer group			
(6) Line (3) + Line (4) + Line (5)			

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-9
Workpapers

National Grid
Bad Debt Expense
Calculation of 2010 Net Charge-Offs

	2010
(1) Bad Debt Reserve @ January 1, 2010	\$597,427
(2) Plus Additions to Reserve during 2010	\$362,884
(3) Less Bad Debt Reserve @ December 31, 2010	<u>\$575,626</u>
(4) 2010 Net Charge-Offs	\$384,686

- (1) 2009 FERC Form 1, Page 110, Line 42, Column (c) for end of year
- (2) Internal Financial Statements
- (3) Internal Financial Statements
- (4) Line (1) + Line (2) - Line (3)

[illegible]

Section 1: Allocation of 2009 Net Charge-Offs to Rate Classes

2010 Net Charge-Offs for All Accounts per CSS	\$370,549	\$279,722	\$2,154	\$2,215	\$11,051	\$51,431	\$23,752	\$224	\$0
Allocator Based on Net Charge-Offs for All Accounts	100.00%	75.49%	0.58%	0.60%	2.98%	13.88%	6.41%	0.06%	0.00%
2010 Net Charge-Offs	\$384,686								
Allocation of 2010 Net Charge-Offs to Rate Classes	\$384,686	\$290,394	\$2,236	\$2,299	\$11,473	\$53,393	\$24,658	\$233	\$0

Worksheet 3, Page 1, Section 3, Line (1)
Line (1), each rate class as a percent of the total
Worksheet 1, Line (4)
Line (2) x Line (3)

Section 2: Default Service Accounts as a Percentage of All Accounts

[illegible]

Workpaper 4, Page 1, Section 3, Line (1)
 Line (1) + Line (2)
 Section 1, Line (1)
 Line (2) ÷ Line (3)

Section 3: Allocation of 2010 Net Charge-Offs to Default Service Accounts

Allocation of 2010 Net Charge-Offs to Rate Classes	\$384,686	\$290,394	\$2,236	\$2,299	\$11,473	\$53,393	\$24,658	\$233	\$0
Percentage of Charge-Offs Related to Default Service Accounts, by Rate Class		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	94.61%	0.00%
Allocated Share of 2010 Net Charge-Offs for Default Service Accounts, by Rate Class	\$384,663	\$290,383	\$2,236	\$2,299	\$11,473	\$53,393	\$24,658	\$220	\$0

Section 1, Line (4)
Section 2, Line (3)
Line (1) x Line (2)

Section 4: Commodity Billing Charge-Offs as a Percentage of Default Service Accounts Charged Off

Estimate of Default Service Billing Charge-Offs per CSS	\$213,568	\$152,747	\$1,309	\$1,403	\$6,924	\$34,475	\$16,627	\$85	\$0
2010 Net Charge-Offs for Commodity Accounts per CSS	\$370,528	\$279,713	\$2,154	\$2,215	\$11,051	\$51,431	\$23,752	\$212	\$0
Percentage of Commodity Charge-Offs Related to Commodity Billings, by Rate Class		54.61%	60.76%	63.35%	62.65%	67.03%	70.00%	39.85%	0.00%

Worksheet 4, Page 1, Section 3, Line (2)
 Line (1) + Line (2)
 Section 2, Line (1)
 Line (1) + Line (2)

Section 5: Allocation of Estimated Commodity Charge-Offs to Commodity Billings

Percentage of Commodity Charge-Offs Related to Commodity Billings, by Rate Class			54.61%	60.76%	63.35%	62.65%	67.03%	70.00%	39.85%	0.00%
Allocated Share of 2010 Net Charge-Offs for Default Service Accounts, by Rate Class	\$384,663	\$290,383	\$2,236	\$2,299	\$11,473	\$53,393	\$24,658	\$220	\$0	
Allocated Share of 2010 Net Charge-Offs for Default Service Billings, by Rate Class	\$221,716	\$158,574	\$1,359	\$1,457	\$7,188	\$35,790	\$17,261	\$88	\$0	

Section 4, Line (3)
Section 3, Line (3)
Line (1) x Line (2)

National Grid
Net Charge Offs for All Accounts

		<u>Total</u>	<u>D</u>	<u>I</u>	<u>D-10</u>	<u>G-3</u>	<u>G-2</u>	<u>G-1</u>	<u>M</u>	<u>V</u>
<u>Section 1: Gross Charge Offs for All Accounts</u>										
(1)	Amount of C/O for all Accounts	\$480,648	\$358,345	\$2,210	\$2,849	\$40,163	\$52,888	\$23,752	\$440	\$0
(2)	Allocator Based On Gross Charge Offs	100.00%	74.55%	0.46%	0.59%	8.36%	11.00%	4.94%	0.09%	0.00%

- (1) Page 2 of 3
(2) Each rate class's Line (1) as a percentage of total of Line (1)

Section 2: Recoveries for All Accounts

(1)	Amount of Recovery for All Accounts	(\$110,098)	(\$78,623)	(\$56)	(\$634)	(\$29,112)	(\$1,457)	\$0	(\$216)	\$0
(4)	Allocator Based On Recoveries	100.00%	71.41%	0.05%	0.58%	26.44%	1.32%	0.00%	0.20%	0.00%

- (1) Page 3 of 3
(2) Each rate class's Line (1) as a percentage of total of Line (1)

Section 3: Total Company Amounts for All Accounts

(1)	Total Company Net Charge-Offs	\$370,549	\$279,722	\$2,154	\$2,215	\$11,051	\$51,431	\$23,752	\$224	\$0
(2)	Allocator Based On Net Charge Offs	100.00%	75.49%	0.58%	0.60%	2.98%	13.88%	6.41%	0.06%	0.00%

- (1) Sum of Section 1 and Section 2
(2) Each rate class's Line (1) as a percentage of total of Line (1)

National Grid
Total Charge Offs for All Accounts

Month of Charge-Off	2010												Annual Total
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	
<u>Rate D</u>													
Amount of C/O for all Accounts	\$28,033	\$29,821	\$34,364	\$16,486	\$17,039	\$21,064	\$50,247	\$39,546	\$36,479	\$27,194	\$33,005	\$25,068	\$358,345
<u>Rate T</u>													
Amount of C/O for all Accounts	\$0	\$0	\$0	\$0	\$957	\$207	\$0	\$698	\$348	\$0	\$0	\$0	\$2,210
<u>Rate D-10</u>													
Amount of C/O for all Accounts	\$143	\$194	\$0	\$83	\$0	\$1,578	\$0	\$0	\$186	\$0	\$370	\$294	\$2,849
<u>Rate G-3</u>													
Amount of C/O for all Accounts	\$13,997	\$3,134	\$4,063	\$188	\$1,186	\$2,955	\$2,452	\$1,531	\$1,374	\$1,697	\$5,354	\$2,233	\$40,163
<u>Rate G-2</u>													
Amount of C/O for all Accounts	\$11,368	\$0	\$4,956	\$889	\$1,431	\$0	\$0	\$0	\$0	\$0	\$1,754	\$32,491	\$52,888
<u>Rate G-1</u>													
Amount of C/O for all Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$11,645	\$7,001	\$0	\$5,106	\$0	\$0	\$23,752
<u>Rate M</u>													
Amount of C/O for all Accounts	\$185	\$60	\$0	\$14	\$0	\$0	\$157	\$24	\$0	\$0	\$0	\$0	\$440
<u>Rate V</u>													
Amount of C/O for all Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of C/O for all Accounts	\$53,726	\$33,209	\$43,382	\$17,660	\$20,613	\$25,804	\$64,501	\$48,799	\$38,387	\$33,997	\$40,483	\$60,086	\$480,648

National Grid
Electronic Recoveries for All Accounts

Month of Recovery	2010												Annual Total
	January	February	March	April	May	June	July	August	September	October	November	December	
<u>Rate D</u>													
Amount of Recovery for All Accounts	(\$6,787)	(\$6,123)	(\$7,701)	(\$6,405)	(\$5,222)	(\$6,915)	(\$4,077)	(\$7,017)	(\$5,709)	(\$6,197)	(\$7,924)	(\$8,546)	(\$78,623)
<u>Rate T</u>													
Amount of Recovery for All Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$50)	\$0	\$0	(\$6)	\$0	(\$56)
<u>Rate D-10</u>													
Amount of Recovery for All Accounts	(\$15)	(\$15)	(\$158)	(\$35)	(\$40)	(\$351)	\$0	\$0	(\$1)	\$0	(\$18)	\$0	(\$634)
<u>Rate G-3</u>													
Amount of Recovery for All Accounts	(\$291)	(\$250)	(\$250)	(\$111)	(\$81)	(\$881)	(\$352)	(\$22,238)	(\$409)	(\$367)	(\$3,868)	(\$15)	(\$29,112)
<u>Rate G-2</u>													
Amount of Recovery for All Accounts	(\$719)	(\$536)	\$0	\$0	\$0	\$0	\$0	(\$148)	\$0	\$0	(\$53)	\$0	(\$1,457)
<u>Rate G-1</u>													
Amount of Recovery for All Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>Rate M</u>													
Amount of Recovery for All Accounts	\$0	\$0	\$0	\$0	\$0	\$0	(\$185)	\$0	\$0	\$0	(\$31)	\$0	(\$216)
<u>Rate V</u>													
Amount of Recovery for All Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of Recovery for All Accounts	(\$7,812)	(\$6,925)	(\$8,110)	(\$6,551)	(\$5,344)	(\$8,147)	(\$4,614)	(\$29,453)	(\$6,119)	(\$6,564)	(\$11,900)	(\$8,560)	(\$110,098)

<u>Total</u>	<u>D</u>	<u>I</u>	<u>D-10</u>	<u>G-3</u>	<u>G-2</u>	<u>G-1</u>	<u>M</u>	<u>V</u>
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(1) Page 2 of 3
(2) Page 2 of 3

(1) Page 3 of 3
(2) Page 3 of 3

(1) Section 1, Line (1) + Section 2, Line (1)
(2) Section 1, Line (2) + Section 2, Line (2)

National Grid
Estimated Default Service Charge Offs for Default Service Accounts

Month of Charge-Off		2010												Annual Total
		January	February	March	April	May	June	July	August	September	October	November	December	
<u>Rate D</u>														
(1)	Amount of C/O for Default Service Accounts	\$28,033	\$29,821	\$34,364	\$16,486	\$17,039	\$21,064	\$50,247	\$39,546	\$36,479	\$27,194	\$33,005	\$25,058	\$358,336
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	59.0585%	56.5554%	53.6538%	53.5817%	53.5097%	53.7864%	54.1298%	54.2500%	54.3676%	54.1532%	53.9406%	53.8337%	
(4)	Default Service-Related Charge-Off	\$16,556	\$16,865	\$18,437	\$8,833	\$9,117	\$11,330	\$27,199	\$21,454	\$19,833	\$14,726	\$17,803	\$13,490	\$195,643
<u>Rate T</u>														
(1)	Amount of C/O for Default Service Accounts	\$0	\$0	\$0	\$0	\$957	\$207	\$0	\$698	\$348	\$0	\$0	\$0	\$2,210
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	65.5805%	63.2279%	60.4396%	60.3495%	60.2597%	60.5056%	60.8353%	61.1831%	61.5254%	61.5488%	61.5722%	61.4704%	
(4)	Default Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$577	\$125	\$0	\$427	\$214	\$0	\$0	\$0	\$1,343
<u>Rate D-10</u>														
(1)	Amount of C/O for Default Service Accounts	\$143	\$194	\$0	\$83	\$0	\$1,578	\$0	\$0	\$186	\$0	\$370	\$294	\$2,849
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	67.5193%	65.2289%	62.4675%	62.3445%	62.2221%	62.4293%	62.7529%	63.1153%	63.4721%	63.5164%	63.5607%	63.4611%	
(4)	Default Service-Related Charge-Off	\$97	\$127	\$0	\$52	\$0	\$985	\$0	\$0	\$118	\$0	\$235	\$187	\$1,800
<u>Rate G-3</u>														
(1)	Amount of C/O for Default Service Accounts	\$13,997	\$3,134	\$4,063	\$188	\$1,186	\$2,955	\$2,452	\$1,531	\$1,374	\$1,697	\$5,354	\$2,233	\$40,163
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	61.4686%	59.0106%	56.1560%	56.0946%	56.0334%	56.3173%	56.6570%	56.8145%	56.9687%	56.7942%	56.6209%	56.5152%	
(4)	Default Service-Related Charge-Off	\$8,604	\$1,849	\$2,282	\$106	\$664	\$1,664	\$1,389	\$870	\$783	\$964	\$3,031	\$1,262	\$23,468
<u>Rate G-2</u>														
(1)	Amount of C/O for Default Service Accounts	\$11,368	\$0	\$4,956	\$889	\$1,431	\$0	\$0	\$0	\$0	\$0	\$1,754	\$32,491	\$52,888
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	65.9508%	65.2451%	64.1620%	64.5170%	64.7611%	64.0318%	64.4437%	65.6521%	66.6382%	67.8662%	68.5940%	67.8739%	
(4)	Default Service-Related Charge-Off	\$7,497	\$0	\$3,180	\$573	\$927	\$0	\$0	\$0	\$0	\$0	\$1,203	\$22,053	\$35,433
<u>Rate G-1</u>														
(1)	Amount of C/O for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$11,645	\$7,001	\$0	\$5,106	\$0	\$0	\$23,752
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	70.5245%	69.8703%	68.8520%	69.1724%	69.3893%	68.6990%	69.0833%	70.1032%	70.9175%	71.9574%	72.5361%	71.8693%	
(4)	Default Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$0	\$0	\$8,045	\$4,908	\$0	\$3,674	\$0	\$0	\$16,627
<u>Rate M</u>														
(1)	Amount of C/O for Default Service Accounts	\$185	\$60	\$0	\$0	\$0	\$0	\$157	\$24	\$0	\$0	\$0	\$0	\$426
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	39.8239%	37.3914%	34.5834%	34.4145%	34.2471%	34.3970%	34.7095%	35.0597%	35.4073%	35.4483%	35.4893%	35.3909%	
(4)	Default Service-Related Charge-Off	\$74	\$23	\$0	\$0	\$0	\$0	\$54	\$8	\$0	\$0	\$0	\$0	\$159
<u>Rate V</u>														
(1)	Amount of C/O for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	61.3617%	58.9014%	55.9545%	55.8035%	55.6532%	55.8496%	56.1901%	56.4299%	56.6653%	56.6653%	56.6653%	56.6546%	
(4)	Default Service-Related Charge-Off	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of C/O for Default Service Accounts		\$53,726	\$33,209	\$43,382	\$17,646	\$20,613	\$25,804	\$64,501	\$48,799	\$38,387	\$33,997	\$40,483	\$60,077	\$480,624
Total Default Service-Related Charge-Offs		\$32,827	\$18,864	\$23,899	\$9,564	\$11,285	\$14,104	\$36,687	\$27,667	\$20,948	\$19,364	\$22,273	\$36,992	\$274,473

National Grid
Estimated Electronic Default Service Recoveries for Default Service Accounts

Month of Recovery		2010												Annual Total
		January	February	March	April	May	June	July	August	September	October	November	December	
<u>Rate D</u>														
(1)	Amount of Recovery for Default Service Accounts	(\$6,787)	(\$6,123)	(\$7,701)	(\$6,405)	(\$5,222)	(\$6,915)	(\$4,077)	(\$7,017)	(\$5,709)	(\$6,197)	(\$7,924)	(\$8,546)	(\$78,623)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	59.0585%	56.5554%	53.6538%	53.5817%	53.5097%	53.7864%	54.1298%	54.2500%	54.3676%	54.1532%	53.9406%	53.8337%	
(4)	Default Service-Related Recovery	(\$4,008)	(\$3,463)	(\$4,132)	(\$3,432)	(\$2,795)	(\$3,719)	(\$2,207)	(\$3,807)	(\$3,104)	(\$3,356)	(\$4,274)	(\$4,600)	(\$42,897)
<u>Rate T</u>														
(1)	Amount of Recovery for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$50)	\$0	\$0	(\$6)	\$0	(\$56)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	65.5805%	63.2279%	60.4396%	60.3495%	60.2597%	60.5056%	60.8353%	61.1831%	61.5254%	61.5488%	61.5722%	61.4704%	
(4)	Default Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$31)	\$0	\$0	(\$4)	\$0	(\$34)
<u>Rate D-10</u>														
(1)	Amount of Recovery for Default Service Accounts	(\$15)	(\$15)	(\$158)	(\$35)	(\$40)	(\$351)	\$0	\$0	(\$1)	\$0	(\$18)	\$0	(\$634)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	67.5193%	65.2289%	62.4675%	62.3445%	62.2221%	62.4293%	62.7529%	63.1153%	63.4721%	63.5164%	63.5607%	63.4611%	
(4)	Default Service-Related Recovery	(\$10)	(\$10)	(\$99)	(\$22)	(\$25)	(\$219)	\$0	\$0	(\$1)	\$0	(\$12)	\$0	(\$397)
<u>Rate G-3</u>														
(1)	Amount of Recovery for Default Service Accounts	(\$291)	(\$250)	(\$250)	(\$111)	(\$81)	(\$881)	(\$352)	(\$22,238)	(\$409)	(\$367)	(\$3,868)	(\$15)	(\$29,112)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	61.4686%	59.0106%	56.1560%	56.0946%	56.0334%	56.3173%	56.6570%	56.8145%	56.9687%	56.7942%	56.6209%	56.5152%	
(4)	Default Service-Related Recovery	(\$179)	(\$148)	(\$140)	(\$62)	(\$45)	(\$496)	(\$199)	(\$12,634)	(\$233)	(\$209)	(\$2,190)	(\$8)	(\$16,544)
<u>Rate G-2</u>														
(1)	Amount of Recovery for Default Service Accounts	(\$719)	(\$536)	\$0	\$0	\$0	\$0	\$0	(\$148)	\$0	\$0	(\$53)	\$0	(\$1,457)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	65.9508%	65.2451%	64.1620%	64.5170%	64.7611%	64.0318%	64.4437%	65.6521%	66.6382%	67.8662%	68.5940%	67.8739%	
(4)	Default Service-Related Recovery	(\$474)	(\$350)	\$0	\$0	\$0	\$0	\$0	(\$97)	\$0	\$0	(\$37)	\$0	(\$958)
<u>Rate G-1</u>														
(1)	Amount of Recovery for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	70.5245%	69.8703%	68.8520%	69.1724%	69.3893%	68.6990%	69.0833%	70.1032%	70.9175%	71.9574%	72.5361%	71.8693%	
(4)	Default Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>Rate M</u>														
(1)	Amount of Recovery for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	(\$185)	\$0	\$0	\$0	(\$29)	\$0	(\$214)
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	39.8239%	37.3914%	34.5834%	34.4145%	34.2471%	34.3970%	34.7095%	35.0597%	35.4073%	35.4483%	35.4893%	35.3909%	
(4)	Default Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	(\$64)	\$0	\$0	\$0	(\$10)	\$0	(\$74)
<u>Rate V</u>														
(1)	Amount of Recovery for Default Service Accounts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(2)	Month for Rate Application	July	August	September	October	November	December	January	February	March	April	May	June	
(3)	Default Service Rate as a % of Total Rate	61.3617%	58.9014%	55.9545%	55.8035%	55.6532%	55.8496%	56.1901%	56.4299%	56.6653%	56.6653%	56.6653%	56.6546%	
(4)	Default Service-Related Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Amount of Recovery for Default Service Accounts	(\$7,812)	(\$6,925)	(\$8,110)	(\$6,551)	(\$5,344)	(\$8,147)	(\$4,614)	(\$29,453)	(\$6,119)	(\$6,564)	(\$11,898)	(\$8,560)	(\$110,096)
	Total Default Service-Related Recovery	(\$4,672)	(\$3,970)	(\$4,371)	(\$3,516)	(\$2,865)	(\$4,435)	(\$2,471)	(\$16,569)	(\$3,338)	(\$3,564)	(\$6,526)	(\$4,609)	(\$60,905)

National Grid
Calendar Year 2010

		Days of <u>Cost</u> (a)	Annual <u>Percent</u> (b)	Customer Payment <u>Lag %</u> (c)	<u>CWC %</u> (d)	Expense (e)	Working Capital Requirement (f)
(1)	2010 Purchase Power Costs	(23.217)	-6.36%	9.01%	2.65%	\$43,663,889	\$1,157,093
(2)	Renewable Portfolio Standard	(214.478)	-58.76%	9.01%	-49.75%	\$1,339,606	<u>(\$666,454)</u>
(3)	Working Capital Requirement						\$490,639
(4)	Prime interest rate						<u>3.25%</u>
(5)	Working Capital Impact						\$15,946

Columns:

- (1)(a) Page 2, Column (f), Line (2)
- (2)(a) Page 3, Column (f), Line (2)
- (b) Column (a) ÷ 365
- (c) Page 4
- (d) Column (b) + Column (c)
- (1)(e) Page 2, Column (f), Line (2)
- (1)(e) Page 3, Column (f), Line (2)
- (f) Column (d) x Column (e)

Lines:

- (3) Line (1) Column (f) + Line (2) Column (f)
- (4) Prime Rate reported in the December 2, 2010 issue of the Wall Street Journal.
- (5) Line (3) x Line (4)

National Grid
Calendar Year 2010

Invoice Month (a)	Expense Description (b)	Invoice Amount (c)	End of Service Period (d)	Invoice Date (e)	Due Date (f)	Payment Date (g)	Elapsed (Days) (h)	% of Total (i)	Weighted Days (j)
January 2010	Current Charge for January 2010	\$1,513,094	01/31/2010	02/15/2010	02/25/2010	02/25/2010	25	3.47%	0.87
January 2010	Supplier Reallocation for September 2009	(\$9,995)	01/31/2010	02/16/2010	02/19/2010	02/19/2010	19	-0.02%	(0.00)
January 2010	Current Charge for January 2010	\$2,868,444	01/31/2010	02/10/2010	02/19/2010	02/19/2010	19	6.57%	1.25
January 2010	Supplier Reallocation for September 2009	(\$34,807)	01/31/2010	02/16/2010	02/19/2010	02/19/2010	19	-0.08%	(0.02)
February 2010	Current Charge for February 2010	\$1,366,498	02/28/2010	03/08/2010	03/22/2010	03/22/2010	22	3.13%	0.69
February 2010	Supplier Reallocation for October 2009	(\$73,099)	02/28/2010	03/16/2010	03/19/2010	03/19/2010	19	-0.17%	(0.03)
February 2010	Current Charge for February 2010	\$2,489,676	02/28/2010	03/09/2010	03/22/2010	03/22/2010	22	5.70%	1.25
February 2010	Supplier Reallocation for October 2009	\$74,429	02/28/2010	03/10/2010	03/22/2010	04/05/2010	36	0.17%	0.06
March 2010	Current Charge for March 2010	\$2,227,638	03/31/2010	04/09/2010	04/20/2010	04/20/2010	20	5.10%	1.02
March 2010	Supplier Reallocation for November 2009	\$51,192	03/31/2010	04/15/2010	04/26/2010	04/26/2010	26	0.12%	0.03
March 2010	Current Charge for March 2010	\$1,467,655	03/31/2010	04/15/2010	04/23/2010	04/23/2010	23	3.36%	0.77
March 2010	Supplier Reallocation for November 2009	\$144,739	03/31/2010	04/09/2010	04/20/2010	04/20/2010	20	0.33%	0.07
April 2010	Current Charge for April 2010	\$1,893,041	04/30/2010	05/10/2010	05/20/2010	05/20/2010	20	4.34%	0.87
April 2010	Supplier Reallocation for December 2009	\$152,219	04/30/2010	05/10/2010	05/20/2010	05/20/2010	20	0.35%	0.07
April 2010	Current Charge for April 2010	\$1,428,229	04/30/2010	05/14/2010	05/24/2010	05/24/2010	24	3.27%	0.79
April 2010	Supplier Reallocation for December 2009	\$85,604	04/30/2010	05/14/2010	05/25/2010	05/25/2010	25	0.20%	0.05
May 2010	Current Charge for May 2010	\$3,143,496	05/31/2010	06/10/2010	06/25/2010	06/25/2010	25	7.20%	1.80
May 2010	Supplier Reallocation for January 2010	(\$18,651)	05/31/2010	06/10/2010	06/25/2010	06/25/2010	25	-0.04%	(0.01)
May 2010	Supplier Reallocation for January 2010	\$2,775	05/31/2010	06/08/2010	06/21/2010	06/21/2010	21	0.01%	0.00
June 2010	Current Charge for June 2010	\$3,403,552	06/30/2010	07/10/2010	07/26/2010	07/26/2010	26	7.79%	2.03
June 2010	Supplier Reallocation for February 2010	(\$64,708)	06/30/2010	07/16/2010	07/26/2010	07/29/2010	29	-0.15%	(0.04)
June 2010	Supplier Reallocation for February 2010	(\$16,712)	06/30/2010	07/10/2010	07/20/2010	08/31/2010	62	-0.04%	(0.02)
July 2010	Current Charge for July 2010	\$4,335,824	07/31/2010	08/10/2010	08/25/2010	08/25/2010	25	9.93%	2.48
July 2010	Supplier Reallocation for March 2010	(\$72,553)	07/31/2010	08/13/2010	08/23/2010	08/31/2010	31	-0.17%	(0.05)
July 2010	Supplier Reallocation for March 2010	\$34,588	07/31/2010	08/10/2010	08/20/2010	08/20/2010	20	0.08%	0.02
August 2010	Current Charge for August 2010	\$2,435,862	08/31/2010	09/07/2010	09/25/2010	09/24/2010	24	5.58%	1.34
August 2010	Supplier Reallocation for April 2010	(\$31,113)	08/31/2010	09/14/2010	09/30/2010	09/30/2010	30	-0.07%	(0.02)
August 2010	Current Charge for August 2010	\$1,581,743	08/31/2010	09/10/2010	09/20/2010	09/20/2010	20	3.62%	0.72
August 2010	Supplier Reallocation for April 2010	(\$8,571)	08/31/2010	09/15/2010	09/27/2010	12/13/2010	104	-0.02%	(0.02)
September 2010	Current Charge for September 2010	\$1,305,706	09/30/2010	10/10/2010	10/20/2010	10/20/2010	20	2.99%	0.60
September 2010	Supplier Reallocation for May 2010	(\$136,997)	09/30/2010	10/21/2010	10/26/2010	10/26/2010	26	-0.31%	(0.08)
September 2010	Current Charge for September 2010	\$1,979,249	09/30/2010	10/10/2010	10/25/2010	10/25/2010	25	4.53%	1.13
September 2010	Supplier Reallocation for May 2010	(\$43,179)	09/30/2010	10/10/2010	10/25/2010	10/25/2010	25	-0.10%	(0.02)
October 2010	Current Charge for October 2010	\$1,247,598	10/31/2010	11/10/2010	11/19/2010	11/19/2010	19	2.86%	0.54
October 2010	Current Charge for October 2010	\$2,050,438	10/31/2010	11/10/2010	11/29/2010	11/29/2010	29	4.70%	1.36
October 2010	Supplier Reallocation for June 2010	\$12,239	10/31/2010	11/10/2010	11/29/2010	11/29/2010	29	0.03%	0.01
November 2010	Current Charge for November 2010	\$1,986,377	11/30/2010	12/10/2010	12/20/2010	12/20/2010	20	4.55%	0.91
November 2010	Current Charge for November 2010	\$1,137,540	11/30/2010	12/10/2010	12/29/2010	12/30/2010	30	2.61%	0.78
November 2010	Supplier Reallocation for July 2010	(\$77,921)	11/30/2010	12/10/2010	12/28/2010	12/28/2010	28	-0.18%	(0.05)
December 2010	Current Charge for December 2010	\$2,486,144	12/31/2010	01/10/2011	01/20/2011	01/20/2011	20	5.69%	1.14
December 2010	Supplier Reallocation for August 2010	\$28,028	12/31/2010	01/10/2011	01/25/2011	01/25/2011	25	0.06%	0.02
December 2010	Current Charge for December 2010	\$1,317,964	12/31/2010	01/10/2011	01/31/2011	01/31/2011	31	3.02%	0.94
December 2010	Supplier Reallocation for August 2010	\$618	12/31/2010	01/07/2010	01/20/2011	01/20/2011	20	0.00%	0.00
(1)	Total	\$43,663,889							
(2)	Weighted Average Lag Days from End of Service Period to Final Payment Date of Purchased Power Bill								23.22

Columns:

- (a) Month in which obligation for payment occurred
- (b) Per invoices
- (c) Per invoices
- (d) Applicable service period
- (e) Per invoices
- (f) Per agreements
- (g) Date paid
- (h) Number of days between Column (d) and Column (g)
- (i) Column (c) ÷ Line (1)
- (j) Column (h) x Column (i)

Lines:

- (1) Sum of Column (c)
- (2) Sum of Column (j)

National Grid
Calendar Year 2010

Invoice Month (a)	Expense Description (b)	Invoice Amount (c)	End of Service Period (d)	Invoice Date (e)	Due Date (f)	Payment Date (g)	Elapsed (Days) (h)	% of Total (i)	Weighted Days (j)
January 2010	Estimated RPS Obligation for January 2010	\$143,728	01/31/2010	n/a	09/30/2010	09/30/2010	242	10.73%	25.96
February 2010	Estimated RPS Obligation for February 2010	\$115,552	02/28/2010	n/a	09/30/2010	09/30/2010	214	8.63%	18.46
March 2010	Estimated RPS Obligation for March 2010	\$121,103	03/31/2010	n/a	09/30/2010	09/30/2010	183	9.04%	16.54
April 2010	Estimated RPS Obligation for April 2010	\$111,001	04/30/2010	n/a	12/31/2010	12/31/2010	245	8.29%	20.30
May 2010	Estimated RPS Obligation for May 2010	\$105,868	05/31/2010	n/a	12/31/2010	12/31/2010	214	7.90%	16.91
June 2010	Estimated RPS Obligation for June 2010	\$116,825	06/30/2010	n/a	12/31/2010	12/31/2010	184	8.72%	16.05
July 2010	Estimated RPS Obligation for July 2010	\$138,027	07/31/2010	n/a	03/31/2011	03/31/2011	243	10.30%	25.04
August 2010	Estimated RPS Obligation for August 2010	\$123,979	08/31/2010	n/a	03/31/2011	03/31/2011	212	9.25%	19.62
September 2010	Estimated RPS Obligation for September 2010	\$107,630	09/30/2010	n/a	03/31/2011	03/31/2011	182	8.03%	14.62
October 2010	Estimated RPS Obligation for October 2010	\$103,528	10/31/2010	n/a	06/30/2011	06/30/2011	242	7.73%	18.70
November 2010	Estimated RPS Obligation for November 2010	\$72,654	11/30/2010	n/a	06/30/2011	06/30/2011	212	5.42%	11.50
December 2010	Estimated RPS Obligation for December 2010	\$79,710	12/31/2010	n/a	06/30/2011	06/30/2011	181	5.95%	10.77
(1)	Total	\$1,339,606							
(2)	Weighted Average Lag Days from End of Service Period to Final Payment Date								214.48

Columns:

- (a) Month in which obligation for payment occurred
- (b) Schedule SMM-7, Page 2
- (c) End of Month of Obligation
- (d) Applicable service period
- (e) Not Available
- (f) Date of Obligation for Payment
- (g) Date of Obligation for Payment
- (h) Number of days between Column (d) and Column (g)
- (i) Column (c) ÷ Line (1)
- (j) Column (h) x Column (i)

Lines:

- (1) Sum of Column (c)
- (2) Sum of Column (j)

National Grid
Calendar Year 2010

<u>Service Period</u>	<u>Customer Accts.Receivable</u> (a)	<u>Sales</u> (b)	<u>Days In Month</u> (c)	<u>Days of Sales in Accts.Receivable</u> (d)
01/31/2010	\$7,212,055	\$ 8,161,639	31	27.39
02/28/2010	\$7,377,353	\$ 6,881,938	28	30.02
03/31/2010	\$6,892,509	\$ 7,032,028	31	30.38
04/30/2010	\$6,623,150	\$ 6,576,368	30	30.21
05/31/2010	\$6,653,409	\$ 6,004,088	31	34.35
06/30/2010	\$6,561,969	\$ 6,909,479	30	28.49
07/31/2010	\$8,103,933	\$ 8,326,405	31	30.17
08/31/2010	\$7,675,257	\$ 8,056,547	31	29.53
09/30/2010	\$8,388,495	\$ 7,406,386	30	33.98
10/31/2010	\$6,493,668	\$ 6,361,401	31	31.64
11/30/2010	\$6,186,044	\$ 6,419,831	30	28.91
12/31/2010	\$6,785,382	\$ 6,882,020	31	<u>30.56</u>
		\$ 85,018,130		
(1) Total Days				365.65
(2) Average Lag				30.47
(3) Average Lag from date meter is read				1.40
(4) Payment Processing and Bank Float Lag				<u>1.00</u>
(5) Total Average Days Lag				32.88
(6) Customer Payment Lag-annual percent				9.01%

Columns:

- (a) Accounts Receivable per general ledger at end of applicable month
- (b) Per Company billing data
- (c) Number of days in applicable service period
- (d) Column (a) ÷ Column (b) x Column (c)

Lines:

- (1) Total of Column (d)
- (2) Line (2) ÷ 12
- (3) Page 9
- (4) Per Staff Recommendation in Docket DE 09-010
- (5) Line (2) + Line (3) + Line (4)
- (6) Line (5) ÷ 365

Granite State Electric Company
Meter Reading vs Billing Days Elapsed
2010

	Billed	Prior			# Days	Billing
Cycle	Sales	Read Date	Read Date	Bill Date	in Bill [1]	Lag [2]
1	01/31/2010	11/30/2009	12/30/2009	12/31/2009	30	1
1	02/28/2010	12/30/2009	01/29/2010	02/01/2010	30	3
1	03/31/2010	01/29/2010	03/01/2010	03/02/2010	31	1
1	04/30/2010	03/01/2010	03/31/2010	04/01/2010	30	1
1	05/31/2010	03/31/2010	04/30/2010	05/03/2010	30	3
1	06/30/2010	04/30/2010	05/28/2010	05/31/2010	28	3
1	07/31/2010	05/28/2010	06/30/2010	07/01/2010	33	1
1	08/31/2010	06/30/2010	07/30/2010	08/02/2010	30	3
1	09/30/2010	07/30/2010	08/31/2010	09/01/2010	32	1
1	10/31/2010	08/31/2010	09/29/2010	09/30/2010	29	1
1	11/30/2010	09/29/2010	10/28/2010	10/29/2010	29	1
1	12/31/2010	10/28/2010	11/30/2010	12/01/2010	33	1
2	01/31/2010	12/01/2009	12/31/2009	01/01/2010	30	1
2	02/28/2010	12/31/2009	02/01/2010	02/02/2010	32	1
2	03/31/2010	02/01/2010	03/02/2010	03/03/2010	29	1
2	04/30/2010	03/02/2010	04/01/2010	04/02/2010	30	1
2	05/31/2010	04/01/2010	05/03/2010	05/04/2010	32	1
2	06/30/2010	05/03/2010	06/01/2010	06/02/2010	29	1
2	07/31/2010	06/01/2010	07/01/2010	07/02/2010	30	1
2	08/31/2010	07/01/2010	08/02/2010	08/03/2010	32	1
2	09/30/2010	08/02/2010	09/01/2010	09/02/2010	30	1
2	10/31/2010	09/01/2010	09/30/2010	10/01/2010	29	1
2	11/30/2010	09/30/2010	10/29/2010	11/01/2010	29	3
2	12/31/2010	10/29/2010	12/01/2010	12/02/2010	33	1
3	01/31/2010	12/02/2009	01/04/2010	01/05/2010	33	1
3	02/28/2010	01/04/2010	02/02/2010	02/03/2010	29	1
3	03/31/2010	02/02/2010	03/03/2010	03/04/2010	29	1
3	04/30/2010	03/03/2010	04/05/2010	04/06/2010	33	1
3	05/31/2010	04/05/2010	05/04/2010	05/05/2010	29	1
3	06/30/2010	05/04/2010	06/02/2010	06/03/2010	29	1
3	07/31/2010	06/02/2010	07/02/2010	07/05/2010	30	3
3	08/31/2010	07/02/2010	08/03/2010	08/04/2010	32	1
3	09/30/2010	08/03/2010	09/02/2010	09/03/2010	30	1
3	10/31/2010	09/02/2010	10/01/2010	10/04/2010	29	3
3	11/30/2010	10/01/2010	11/01/2010	11/02/2010	31	1
3	12/31/2010	11/01/2010	12/02/2010	12/03/2010	31	1
4	01/31/2010	12/03/2009	01/05/2010	01/06/2010	33	1
4	02/28/2010	01/05/2010	02/03/2010	02/04/2010	29	1
4	03/31/2010	02/03/2010	03/04/2010	03/05/2010	29	1
4	04/30/2010	03/04/2010	04/06/2010	04/07/2010	33	1
4	05/31/2010	04/06/2010	05/05/2010	05/06/2010	29	1
4	06/30/2010	05/05/2010	06/03/2010	06/04/2010	29	1
4	07/31/2010	06/03/2010	07/06/2010	07/07/2010	33	1
4	08/31/2010	07/06/2010	08/04/2010	08/05/2010	29	1
4	09/30/2010	08/04/2010	09/03/2010	09/06/2010	30	3
4	10/31/2010	09/03/2010	10/04/2010	10/05/2010	31	1
4	11/30/2010	10/04/2010	11/02/2010	11/03/2010	29	1
4	12/31/2010	11/02/2010	12/03/2010	12/06/2010	31	3

Granite State Electric Company
Meter Reading vs Billing Days Elapsed
2010

	Billed	Prior			# Days	Billing
Cycle	Sales	Read Date	Read Date	Bill Date	in Bill [1]	Lag [2]
5	01/31/2010	12/04/2009	01/06/2010	01/07/2010	33	1
5	02/28/2010	01/06/2010	02/04/2010	02/05/2010	29	1
5	03/31/2010	02/04/2010	03/05/2010	03/08/2010	29	3
5	04/30/2010	03/05/2010	04/07/2010	04/08/2010	33	1
5	05/31/2010	04/07/2010	05/06/2010	05/07/2010	29	1
5	06/30/2010	05/06/2010	06/04/2010	06/07/2010	29	3
5	07/31/2010	06/04/2010	07/07/2010	07/08/2010	33	1
5	08/31/2010	07/07/2010	08/05/2010	08/06/2010	29	1
5	09/30/2010	08/05/2010	09/07/2010	09/08/2010	33	1
5	10/31/2010	09/07/2010	10/05/2010	10/06/2010	28	1
5	11/30/2010	10/05/2010	11/03/2010	11/04/2010	29	1
5	12/31/2010	11/03/2010	12/06/2010	12/07/2010	33	1
6	01/31/2010	12/07/2009	01/07/2010	01/08/2010	31	1
6	02/28/2010	01/07/2010	02/05/2010	02/08/2010	29	3
6	03/31/2010	02/05/2010	03/09/2010	03/10/2010	32	1
6	04/30/2010	03/09/2010	04/08/2010	04/09/2010	30	1
6	05/31/2010	04/08/2010	05/07/2010	05/10/2010	29	3
6	06/30/2010	05/07/2010	06/05/2010	06/07/2010	29	2
6	07/31/2010	06/05/2010	07/08/2010	07/09/2010	33	1
6	08/31/2010	07/08/2010	08/06/2010	08/09/2010	29	3
6	09/30/2010	08/06/2010	09/08/2010	09/09/2010	33	1
6	10/31/2010	09/08/2010	10/06/2010	10/07/2010	28	1
6	11/30/2010	10/06/2010	11/04/2010	11/05/2010	29	1
6	12/31/2010	11/04/2010	12/07/2010	12/08/2010	33	1
7	01/31/2010	12/08/2009	01/08/2010	01/11/2010	31	3
7	02/28/2010	01/08/2010	02/08/2010	02/09/2010	31	1
7	03/31/2010	02/08/2010	03/10/2010	03/11/2010	30	1
7	04/30/2010	03/10/2010	04/09/2010	04/12/2010	30	3
7	05/31/2010	04/09/2010	05/10/2010	05/11/2010	31	1
7	06/30/2010	05/10/2010	06/08/2010	06/09/2010	29	1
7	07/31/2010	06/08/2010	07/09/2010	07/12/2010	31	3
7	08/31/2010	07/09/2010	08/10/2010	08/11/2010	32	1
7	09/30/2010	08/10/2010	09/09/2010	09/10/2010	30	1
7	10/31/2010	09/09/2010	10/07/2010	10/08/2010	28	1
7	11/30/2010	10/07/2010	11/05/2010	11/08/2010	29	3
7	12/31/2010	11/05/2010	12/08/2010	12/09/2010	33	1
8	01/31/2010	12/09/2009	01/11/2010	01/12/2010	33	1
8	02/28/2010	01/11/2010	02/09/2010	02/10/2010	29	1
8	03/31/2010	02/09/2010	03/11/2010	03/12/2010	30	1
8	04/30/2010	03/11/2010	04/12/2010	04/13/2010	32	1
8	05/31/2010	04/12/2010	05/11/2010	05/12/2010	29	1
8	06/30/2010	05/11/2010	06/09/2010	06/10/2010	29	1
8	07/31/2010	06/09/2010	07/13/2010	07/14/2010	34	1
8	08/31/2010	07/13/2010	08/11/2010	08/12/2010	29	1
8	09/30/2010	08/11/2010	09/10/2010	09/13/2010	30	3
8	10/31/2010	09/10/2010	10/08/2010	10/11/2010	28	3
8	11/30/2010	10/08/2010	11/08/2010	11/09/2010	31	1
8	12/31/2010	11/08/2010	12/09/2010	12/10/2010	31	1

Granite State Electric Company
Meter Reading vs Billing Days Elapsed
2010

	Billed	Prior			# Days	Billing
Cycle	Sales	Read Date	Read Date	Bill Date	in Bill [1]	Lag [2]
9	01/31/2010	12/10/2009	01/12/2010	01/13/2010	33	1
9	02/28/2010	01/12/2010	02/10/2010	02/11/2010	29	1
9	03/31/2010	02/10/2010	03/12/2010	03/15/2010	30	3
9	04/30/2010	03/12/2010	04/13/2010	04/14/2010	32	1
9	05/31/2010	04/13/2010	05/12/2010	05/13/2010	29	1
9	06/30/2010	05/12/2010	06/10/2010	06/11/2010	29	1
9	07/31/2010	06/10/2010	07/14/2010	07/15/2010	34	1
9	08/31/2010	07/14/2010	08/12/2010	08/13/2010	29	1
9	09/30/2010	08/12/2010	09/13/2010	09/14/2010	32	1
9	10/31/2010	09/13/2010	10/11/2010	10/12/2010	28	1
9	11/30/2010	10/11/2010	11/09/2010	11/10/2010	29	1
9	12/31/2010	11/09/2010	12/10/2010	12/13/2010	31	3
10	01/31/2010	12/11/2009	01/13/2010	01/14/2010	33	1
10	02/28/2010	01/13/2010	02/11/2010	02/12/2010	29	1
10	03/31/2010	02/11/2010	03/15/2010	03/16/2010	32	1
10	04/30/2010	03/15/2010	04/14/2010	04/15/2010	30	1
10	05/31/2010	04/14/2010	05/13/2010	05/14/2010	29	1
10	06/30/2010	05/13/2010	06/11/2010	06/14/2010	29	3
10	07/31/2010	06/11/2010	07/15/2010	07/16/2010	34	1
10	08/31/2010	07/15/2010	08/13/2010	08/16/2010	29	3
10	09/30/2010	08/13/2010	09/14/2010	09/15/2010	32	1
10	10/31/2010	09/14/2010	10/13/2010	10/14/2010	29	1
10	11/30/2010	10/13/2010	11/10/2010	11/11/2010	28	1
10	12/31/2010	11/10/2010	12/13/2010	12/14/2010	33	1
11	01/31/2010	12/14/2009	01/14/2010	01/15/2010	31	1
11	02/28/2010	01/14/2010	02/12/2010	02/15/2010	29	3
11	03/31/2010	02/12/2010	03/16/2010	03/17/2010	32	1
11	04/30/2010	03/16/2010	04/15/2010	04/16/2010	30	1
11	05/31/2010	04/15/2010	05/14/2010	05/17/2010	29	3
11	06/30/2010	05/14/2010	06/15/2010	06/16/2010	32	1
11	07/31/2010	06/15/2010	07/16/2010	07/19/2010	31	3
11	08/31/2010	07/16/2010	08/16/2010	08/17/2010	31	1
11	09/30/2010	08/16/2010	09/15/2010	09/16/2010	30	1
11	10/31/2010	09/15/2010	10/14/2010	10/15/2010	29	1
11	11/30/2010	10/14/2010	11/12/2010	11/15/2010	29	3
11	12/31/2010	11/12/2010	12/14/2010	12/15/2010	32	1
12	01/31/2010	12/15/2009	01/15/2010	01/18/2010	31	3
12	02/28/2010	01/15/2010	02/16/2010	02/17/2010	32	1
12	03/31/2010	02/16/2010	03/17/2010	03/18/2010	29	1
12	04/30/2010	03/17/2010	04/16/2010	04/19/2010	30	3
12	05/31/2010	04/16/2010	05/16/2010	05/17/2010	30	1
12	06/30/2010	05/16/2010	06/16/2010	06/17/2010	31	1
12	07/31/2010	06/16/2010	07/19/2010	07/20/2010	33	1
12	08/31/2010	07/19/2010	08/17/2010	08/18/2010	29	1
12	09/30/2010	08/17/2010	09/16/2010	09/17/2010	30	1
12	10/31/2010	09/16/2010	10/15/2010	10/18/2010	29	3
12	11/30/2010	10/15/2010	11/15/2010	11/16/2010	31	1
12	12/31/2010	11/15/2010	12/15/2010	12/16/2010	30	1

Granite State Electric Company
Meter Reading vs Billing Days Elapsed
2010

	Billed	Prior			# Days	Billing
Cycle	Sales	Read Date	Read Date	Bill Date	in Bill [1]	Lag [2]
13	01/31/2010	12/16/2009	01/19/2010	01/20/2010	34	1
13	02/28/2010	01/19/2010	02/17/2010	02/18/2010	29	1
13	03/31/2010	02/17/2010	03/18/2010	03/19/2010	29	1
13	04/30/2010	03/18/2010	04/20/2010	04/21/2010	33	1
13	05/31/2010	04/20/2010	05/18/2010	05/19/2010	28	1
13	06/30/2010	05/18/2010	06/17/2010	06/18/2010	30	1
13	07/31/2010	06/17/2010	07/20/2010	07/21/2010	33	1
13	08/31/2010	07/20/2010	08/18/2010	08/19/2010	29	1
13	09/30/2010	08/18/2010	09/17/2010	09/20/2010	30	3
13	10/31/2010	09/17/2010	10/18/2010	10/19/2010	31	1
13	11/30/2010	10/18/2010	11/16/2010	11/17/2010	29	1
13	12/31/2010	11/16/2010	12/16/2010	12/17/2010	30	1
14	01/31/2010	12/17/2009	01/20/2010	01/21/2010	34	1
14	02/28/2010	01/20/2010	02/18/2010	02/19/2010	29	1
14	03/31/2010	02/18/2010	03/19/2010	03/22/2010	29	3
14	04/30/2010	03/19/2010	04/21/2010	04/22/2010	33	1
14	05/31/2010	04/21/2010	05/19/2010	05/20/2010	28	1
14	06/30/2010	05/19/2010	06/18/2010	06/21/2010	30	3
14	07/31/2010	06/18/2010	07/21/2010	07/22/2010	33	1
14	08/31/2010	07/21/2010	08/19/2010	08/20/2010	29	1
14	09/30/2010	08/19/2010	09/20/2010	09/21/2010	32	1
14	10/31/2010	09/20/2010	10/19/2010	10/20/2010	29	1
14	11/30/2010	10/19/2010	11/17/2010	11/18/2010	29	1
14	12/31/2010	11/17/2010	12/17/2010	12/20/2010	30	3
15	01/31/2010	12/18/2009	01/21/2010	01/22/2010	34	1
15	02/28/2010	01/21/2010	02/19/2010	02/22/2010	29	3
15	03/31/2010	02/19/2010	03/23/2010	03/24/2010	32	1
15	04/30/2010	03/23/2010	04/22/2010	04/23/2010	30	1
15	05/31/2010	04/22/2010	05/20/2010	05/21/2010	28	1
15	06/30/2010	05/20/2010	06/21/2010	06/22/2010	32	1
15	07/31/2010	06/21/2010	07/22/2010	07/23/2010	31	1
15	08/31/2010	07/22/2010	08/20/2010	08/23/2010	29	3
15	09/30/2010	08/20/2010	09/21/2010	09/22/2010	32	1
15	10/31/2010	09/21/2010	10/20/2010	10/21/2010	29	1
15	11/30/2010	10/20/2010	11/18/2010	11/19/2010	29	1
15	12/31/2010	11/18/2010	12/20/2010	12/21/2010	32	1
16	01/31/2010	12/21/2009	01/22/2010	01/25/2010	32	3
16	02/28/2010	01/22/2010	02/22/2010	02/23/2010	31	1
16	03/31/2010	02/22/2010	03/24/2010	03/25/2010	30	1
16	04/30/2010	03/24/2010	04/23/2010	04/26/2010	30	3
16	05/31/2010	04/23/2010	05/21/2010	05/24/2010	28	3
16	06/30/2010	05/21/2010	06/23/2010	06/24/2010	33	1
16	07/31/2010	06/23/2010	07/23/2010	07/26/2010	30	3
16	08/31/2010	07/23/2010	08/24/2010	08/25/2010	32	1
16	09/30/2010	08/24/2010	09/22/2010	09/23/2010	29	1
16	10/31/2010	09/22/2010	10/21/2010	10/22/2010	29	1
16	11/30/2010	10/21/2010	11/19/2010	11/22/2010	29	3
16	12/31/2010	11/19/2010	12/21/2010	12/22/2010	32	1

Granite State Electric Company
Meter Reading vs Billing Days Elapsed
2010

	Billed	Prior			# Days	Billing
Cycle	Sales	Read Date	Read Date	Bill Date	in Bill [1]	Lag [2]
17	01/31/2010	12/22/2009	01/25/2010	01/26/2010	34	1
17	02/28/2010	01/25/2010	02/23/2010	02/24/2010	29	1
17	03/31/2010	02/23/2010	03/25/2010	03/26/2010	30	1
17	04/30/2010	03/25/2010	04/26/2010	04/27/2010	32	1
17	05/31/2010	04/26/2010	05/24/2010	05/25/2010	28	1
17	06/30/2010	05/24/2010	06/24/2010	06/25/2010	31	1
17	07/31/2010	06/24/2010	07/26/2010	07/27/2010	32	1
17	08/31/2010	07/26/2010	08/25/2010	08/26/2010	30	1
17	09/30/2010	08/25/2010	09/23/2010	09/24/2010	29	1
17	10/31/2010	09/23/2010	10/22/2010	10/25/2010	29	3
17	11/30/2010	10/22/2010	11/22/2010	11/23/2010	31	1
17	12/31/2010	11/22/2010	12/22/2010	12/23/2010	30	1
18	01/31/2010	12/23/2009	01/26/2010	01/27/2010	34	1
18	02/28/2010	01/26/2010	02/24/2010	02/25/2010	29	1
18	03/31/2010	02/24/2010	03/26/2010	03/29/2010	30	3
18	04/30/2010	03/26/2010	04/27/2010	04/28/2010	32	1
18	05/31/2010	04/27/2010	05/25/2010	05/26/2010	28	1
18	06/30/2010	05/25/2010	06/25/2010	06/28/2010	31	3
18	07/31/2010	06/25/2010	07/27/2010	07/28/2010	32	1
18	08/31/2010	07/27/2010	08/26/2010	08/27/2010	30	1
18	09/30/2010	08/26/2010	09/24/2010	09/27/2010	29	3
18	10/31/2010	09/24/2010	10/25/2010	10/26/2010	31	1
18	11/30/2010	10/25/2010	11/23/2010	11/24/2010	29	1
18	12/31/2010	11/23/2010	12/23/2010	12/24/2010	30	1
19	01/31/2010	12/28/2009	01/27/2010	01/28/2010	30	1
19	02/28/2010	01/27/2010	02/25/2010	02/26/2010	29	1
19	03/31/2010	02/25/2010	03/29/2010	03/30/2010	32	1
19	04/30/2010	03/29/2010	04/28/2010	04/29/2010	30	1
19	05/31/2010	04/28/2010	05/26/2010	05/27/2010	28	1
19	06/30/2010	05/26/2010	06/28/2010	06/29/2010	33	1
19	07/31/2010	06/28/2010	07/28/2010	07/29/2010	30	1
19	08/31/2010	07/28/2010	08/27/2010	08/30/2010	30	3
19	09/30/2010	08/27/2010	09/27/2010	09/28/2010	31	1
19	10/31/2010	09/27/2010	10/26/2010	10/27/2010	29	1
19	11/30/2010	10/26/2010	11/24/2010	11/25/2010	29	1
19	12/31/2010	11/24/2010	12/27/2010	12/28/2010	33	1
20	01/31/2010	12/29/2009	01/28/2010	01/29/2010	30	1
20	02/28/2010	01/28/2010	02/26/2010	03/01/2010	29	3
20	03/31/2010	02/26/2010	03/30/2010	03/31/2010	32	1
20	04/30/2010	03/30/2010	04/29/2010	04/30/2010	30	1
20	05/31/2010	04/29/2010	05/27/2010	05/28/2010	28	1
20	06/30/2010	05/27/2010	06/29/2010	06/30/2010	33	1
20	07/31/2010	06/29/2010	07/29/2010	07/30/2010	30	1
20	08/31/2010	07/29/2010	08/30/2010	08/31/2010	32	1
20	09/30/2010	08/30/2010	09/28/2010	09/29/2010	29	1
20	10/31/2010	09/28/2010	10/27/2010	10/28/2010	29	1
20	11/30/2010	10/27/2010	11/29/2010	11/30/2010	33	1
20	12/31/2010	11/29/2010	12/28/2010	12/29/2010	29	1
	Average Billing Days				30.43	
	Average Billing Lag					1.40

[1] # Days in Bill = Number of days between meter reads

[2] Billing lag = Number of days between meter read and bill date. Once billed, the sales become part of A/R and will be included in the Collection Lag calculation.

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-10
Typical Bill Impacts

National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate D Default Service Customers
Without Water Heater Control
0% Off-Peak

kWh Split
On-Peak 100.00%
Off-Peak 0.00%

Monthly kWh	On-Peak kWh	Off-Peak kWh	(1)		(2)		(1) vs (2)	
			Total	Present Rates Default Service	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %
200	200	0	\$26.30	\$14.18	\$12.12	\$25.48	\$12.12	(\$0.82) -3.1%
350	350	0	\$45.41	\$24.82	\$20.59	\$43.97	\$20.59	(\$1.44) -3.2%
500	500	0	\$65.83	\$35.46	\$30.37	\$63.77	\$30.37	(\$2.06) -3.1%
674	674	0	\$89.48	\$47.79	\$41.69	\$86.71	\$41.69	(\$2.77) -3.1%
750	750	0	\$99.84	\$53.18	\$46.66	\$96.76	\$46.66	(\$3.08) -3.1%
1,000	1,000	0	\$133.87	\$70.91	\$62.96	\$129.76	\$62.96	(\$4.11) -3.1%

Present Rates

Customer Charge		\$4.35
Distribution Charge		
1st 250 kWh	kWh x	\$0.01852
excess of 250 kWh	kWh x	\$0.04486
Off Peak kWh	kWh x	\$0.01781
Transmission Charge	kWh x	\$0.01628
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07091	\$0.06680
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kWh Split	
On-Peak	80.00%
Off-Peak	20.00%

Monthly KWh	/-----/		(1)		/-----/		(2)		/-----/		Overall Increase (Decrease) Amount %
	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery			
200	160	40	\$21.43	\$14.18	\$7.25	\$20.61	\$13.36	\$7.25	(\$0.82)	-3.8%	
350	280	70	\$38.68	\$24.82	\$13.86	\$37.24	\$23.38	\$13.86	(\$1.44)	-3.7%	
500	400	100	\$58.28	\$35.46	\$22.82	\$56.22	\$33.40	\$22.82	(\$2.06)	-3.5%	
750	600	150	\$90.94	\$53.18	\$37.76	\$87.86	\$50.10	\$37.76	(\$3.08)	-3.4%	
1,000	800	200	\$123.61	\$70.91	\$52.70	\$119.50	\$66.80	\$52.70	(\$4.11)	-3.3%	

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$4.35	\$4.35
Distribution Charge		
1st 250 kWh	kWh x	\$0.01852
excess of 250 kWh	kWh x	\$0.04486
Off Peak kWh	kWh x	\$0.01781
Transmission Charge	kWh x	\$0.01628
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
Interruptible Credit #1		(\$4.84)
<u>Supplier Services</u>		
Default Service	kWh x	\$0.07091
		\$0.06680

kWh Split	60.00%	40.00%
On-Peak		
Off-Peak		

Monthly KWh	/-----/		(1)		/-----/		(2)		/-----/	
	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %	
200	120	80	\$19.77	\$14.18	\$5.59	\$18.95	\$13.36	\$5.59	(\$0.82) -4.1%	
350	210	140	\$36.20	\$24.82	\$11.38	\$34.76	\$23.38	\$11.38	(\$1.44) -4.0%	
500	300	200	\$53.94	\$35.46	\$18.48	\$51.88	\$33.40	\$18.48	(\$2.06) -3.8%	
750	450	300	\$85.25	\$53.18	\$32.07	\$82.17	\$50.10	\$32.07	(\$3.08) -3.6%	
1,000	600	400	\$116.57	\$70.91	\$45.66	\$112.46	\$66.80	\$45.66	(\$4.11) -3.5%	

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge	\$4.35	\$4.35
Distribution Charge	\$0.00000	\$0.00000
1st 250 kWh	kWh x	\$0.01852
excess of 250 kWh	kWh x	\$0.04486
Off Peak kWh	kWh x	\$0.01781
Transmission Charge	kWh x	\$0.01628
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
Interruptible Credit #2		(\$6.47)
<u>Supplier Services</u>		
Default Service	kWh x	\$0.07091
		\$0.06680

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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split		80.00%		20.00%		(1)		(2)		(1) vs (2)	
On-Peak	Off-Peak	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
700	560	140		\$98.01	\$49.64	\$48.37	\$98.01	\$46.76	\$48.37	(\$2.88)	-2.9%
1,000	800	200		\$136.79	\$70.91	\$65.88	\$136.79	\$66.80	\$65.88	(\$4.11)	-3.0%
1,300	1,040	260		\$175.58	\$92.18	\$83.40	\$175.58	\$86.84	\$83.40	(\$5.34)	-3.0%
1,600	1,280	320		\$214.38	\$113.46	\$100.92	\$214.38	\$106.88	\$100.92	(\$6.58)	-3.1%
1,900	1,520	380		\$253.18	\$134.73	\$118.45	\$253.18	\$126.92	\$118.45	(\$7.81)	-3.1%

Proposed Rates

Present Rates

Customer Charge		\$7.47
Distribution Charge		
On Peak kWh	kWh x	\$0.04966
Off Peak kWh	kWh x	\$0.00220
Transmission Charge	kWh x	\$0.01418
Stranded Cost Charge	kWh x	\$0.00021
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
<u>Supplier Services</u>		
Default Service	kWh x	\$0.07091
		\$0.06680

National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split				(1)	/	(2)	/	(1) vs (2)
On-Peak	Off-Peak	70.00%	30.00%					
Monthly KWh	On-Peak kWh	Off-Peak kWh	Present Rates		Proposed Rates		Overall	
			Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery
700	490	210	\$94.68	\$49.64	\$45.04	\$91.80	\$46.76	\$45.04
1,000	700	300	\$132.04	\$70.91	\$61.13	\$127.93	\$66.80	\$61.13
1,300	910	390	\$169.41	\$92.18	\$77.23	\$164.07	\$86.84	\$77.23
1,600	1,120	480	\$206.80	\$113.46	\$93.34	\$200.22	\$106.88	\$93.34
1,900	1,330	570	\$244.16	\$134.73	\$109.43	\$236.35	\$126.92	\$109.43

Present RatesProposed Rates

Customer Charge		\$7.47	
Distribution Charge			
On Peak kWh	kWh x	\$0.04966	\$0.04966
Off Peak kWh	kWh x	\$0.00220	\$0.00220
Transmission Charge	kWh x	\$0.01418	\$0.01418
Stranded Cost Charge	kWh x	\$0.00021	\$0.00021
System Benefits Charge	kWh x	\$0.00330	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055	\$0.00055
<u>Supplier Services</u>			
Default Service	kWh x	\$0.07091	\$0.06680

National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate D-10 Default Service Customers

kWh Split				(1)	/	(2)	/	(1) vs (2)
On-Peak		60.00%						
Off-Peak		40.00%						
Monthly KWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %
700	420	280	\$91.37	\$49.64	\$41.73	\$46.76	\$41.73	(\$2.88) -3.2%
1,000	600	400	\$127.30	\$70.91	\$56.39	\$66.80	\$56.39	(\$4.11) -3.2%
1,300	780	520	\$163.23	\$92.18	\$71.05	\$86.84	\$71.05	(\$5.34) -3.3%
1,600	960	640	\$199.20	\$113.46	\$85.74	\$106.88	\$85.74	(\$6.58) -3.3%
1,900	1,140	760	\$235.14	\$134.73	\$100.41	\$126.92	\$100.41	(\$7.81) -3.3%

Proposed Rates

Present Rates

Customer Charge		\$7.47
Distribution Charge		
On Peak kWh	kWh x	\$0.04966
Off Peak kWh	kWh x	\$0.00220
Transmission Charge	kWh x	\$0.01418
Stranded Cost Charge	kWh x	\$0.00021
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
<u>Supplier Services</u>		
Default Service	kWh x	\$0.07091
		\$0.06680

National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate G-3 Default Service Customers

Hours Use

Monthly kWh	(1)		(2)		(1) vs (2)
	Total	Present Rates Default Service	Retail Delivery	Proposed Rates Default Service	Total
600	\$80.16	\$42.55	\$37.61	\$40.08	\$37.61
800	\$105.05	\$56.73	\$48.32	\$53.44	\$48.32
1,200	\$154.81	\$85.09	\$69.72	\$80.16	\$69.72
1,500	\$192.16	\$106.37	\$85.79	\$100.20	\$85.79
2,000	\$254.35	\$141.82	\$112.53	\$133.60	\$112.53
					Overall Increase (Decrease) Amount %
					(\$2.47) -3.1%
					(\$3.29) -3.1%
					(\$4.93) -3.2%
					(\$6.17) -3.2%
					(\$8.22) -3.2%

Present Rates

Customer Charge		\$5.51
Distribution Charge	kWh x	\$0.03287
Transmission Charge	kWh x	\$0.01659
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Proposed Rates

	\$5.51
	\$0.03287
	\$0.01659
	\$0.00020
	\$0.00330
	\$0.00055

Supplier Services

Default Service	kWh x	\$0.07091	\$0.06680
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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate T Default Service Customers

Monthly kWh	(1)		(2)		(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery
600	\$72.53	\$42.55	\$29.98	\$70.06	\$40.08	\$29.98
800	\$94.82	\$56.73	\$38.09	\$91.53	\$53.44	\$38.09
1,200	\$139.40	\$85.09	\$54.31	\$134.47	\$80.16	\$54.31
1,500	\$172.87	\$106.37	\$66.50	\$166.70	\$100.20	\$66.50
2,000	\$228.59	\$141.82	\$86.77	\$220.37	\$133.60	\$86.77
					Overall Increase (Decrease) Amount	%
					(\$2.47)	-3.4%
					(\$3.29)	-3.5%
					(\$4.93)	-3.5%
					(\$6.17)	-3.6%
					(\$8.22)	-3.6%

Proposed Rates

\$5.63
\$0.02230
\$0.01421
\$0.00021
\$0.00330
\$0.00055

Present Rates

\$5.63
\$0.02230
\$0.01421
\$0.00021
\$0.00330
\$0.00055

Customer Charge
Distribution Charge kWh x
Transmission Charge kWh x
Stranded Cost Charge kWh x
System Benefits Charge kWh x
Electricity Consumption Tax kWh x

Supplier Services

\$0.06680

\$0.07091

kWh x

Default Service

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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Monthly Typical Bill
Impact on Rate V Default Service Customers

Monthly kWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %	
600	\$73.66	\$42.55	\$31.11	\$71.19	\$40.08	\$31.11	(\$2.47) -3.4%	
800	\$98.22	\$56.73	\$41.49	\$94.93	\$53.44	\$41.49	(\$3.29) -3.3%	
1,200	\$147.30	\$85.09	\$62.21	\$142.37	\$80.16	\$62.21	(\$4.93) -3.3%	
1,500	\$184.16	\$106.37	\$77.79	\$177.99	\$100.20	\$77.79	(\$6.17) -3.4%	
2,000	\$245.52	\$141.82	\$103.70	\$237.30	\$133.60	\$103.70	(\$8.22) -3.3%	

Present Rates Proposed Rates

Minimum Charge		\$5.88		\$5.88
Distribution Charge	kWh x	\$0.03057		\$0.03057
Transmission Charge	kWh x	\$0.01722		\$0.01722
Stranded Cost Charge	kWh x	\$0.00021		\$0.00021
System Benefits Charge	kWh x	\$0.00330		\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055		\$0.00055

Supplier Services

Default Service	kWh x	\$0.07091		\$0.06680
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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split			(1)	(2)	(1) vs (2)				
	250	60.00% On-Peak	40.00% Off-Peak							
kW	Monthly kWh	On-Peak kWh	Off-Peak kWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %
200	50,000	30,000	20,000	\$5,701.69	\$3,687.50	\$2,014.19	\$5,355.19	\$3,341.00	\$2,014.19	(\$346.50) -6.1%
300	75,000	45,000	30,000	\$8,506.04	\$5,531.25	\$2,974.79	\$7,986.29	\$5,011.50	\$2,974.79	(\$519.75) -6.1%
400	100,000	60,000	40,000	\$11,310.39	\$7,375.00	\$3,935.39	\$10,617.39	\$6,682.00	\$3,935.39	(\$693.00) -6.1%
500	125,000	75,000	50,000	\$14,114.74	\$9,218.75	\$4,895.99	\$13,248.49	\$8,352.50	\$4,895.99	(\$866.25) -6.1%
1,000	250,000	150,000	100,000	\$28,136.49	\$18,437.50	\$9,698.99	\$26,403.99	\$16,705.00	\$9,698.99	(\$1,732.50) -6.2%

Present Rates

Proposed Rates

Customer Charge		\$92.99
Distribution Charge		
On Peak kWh	kWh x	\$0.00362
Off Peak kWh	kWh x	\$0.00228
Distribution Demand Charge	kW x	\$4.06
Transmission Charge	kWh x	\$0.01505
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Illustrative Weighted Average Default Service	kWh x	\$0.07375	\$0.06682
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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split		Monthly kWh	Present Rates		Proposed Rates		(1) vs (2)
	350 On-Peak	50.00% Off-Peak		Total	Default Service	Total	Default Service	
kW		Off-Peak kWh			Retail Delivery		Retail Delivery	Overall Increase (Decrease) %
200	70,000	35,000	35,000	\$7,610.99	\$5,162.50	\$2,448.49	\$4,677.40	(\$485.10) -6.4%
300	105,000	52,500	52,500	\$11,369.99	\$7,743.75	\$3,626.24	\$7,016.10	(\$727.65) -6.4%
400	140,000	70,000	70,000	\$15,128.99	\$10,325.00	\$4,803.99	\$9,354.80	(\$970.20) -6.4%
500	175,000	87,500	87,500	\$18,887.99	\$12,906.25	\$5,981.74	\$11,693.50	(\$1,212.75) -6.4%
1,000	350,000	175,000	175,000	\$37,682.99	\$25,812.50	\$11,870.49	\$23,387.00	(\$2,425.50) -6.4%

Present Rates

Proposed Rates

Customer Charge		\$92.99
Distribution Charge		
On Peak kWh	kWh x	\$0.00362
Off Peak kWh	kWh x	\$0.00228
Distribution Demand Charge	kW x	\$4.06
Transmission Charge	kWh x	\$0.01505
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Illustrative Weighted Average Default Service	kWh x	\$0.07375	\$0.06682
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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split		Monthly kWh	On-Peak kWh	Off-Peak kWh	(1)		(2)		(1) vs (2)
	450 On-Peak	45.00% Off-Peak				-----/	-----/	-----/	-----/	
kW	200	90,000	40,500	49,500		Present Rates		Proposed Rates		Overall Increase (Decrease) %
						Total	Retail Delivery	Total	Retail Delivery	
						\$9,520.96	\$2,883.46	\$8,897.26	\$2,883.46	-6.6%
	300	135,000	60,750	74,250		\$14,234.95	\$4,278.70	\$13,299.40	\$4,278.70	-6.6%
	400	180,000	81,000	99,000		\$18,948.93	\$5,673.93	\$17,701.53	\$5,673.93	-6.6%
	500	225,000	101,250	123,750		\$23,662.92	\$7,069.17	\$22,103.67	\$7,069.17	-6.6%
	1,000	450,000	202,500	247,500		\$47,232.84	\$14,045.34	\$44,114.34	\$14,045.34	-6.6%

Present Rates

Customer Charge		\$92.99
Distribution Charge		
On Peak kWh	kWh x	\$0.00362
Off Peak kWh	kWh x	\$0.00228
Distribution Demand Charge	kW x	\$4.06
Transmission Charge	kWh x	\$0.01505
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Illustrative Weighted Average Default Service	kWh x	\$0.07375
		\$0.06682

National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-1 Default Service Customers

Hours Use	kWh Split		Monthly kWh	On-Peak kWh	Off-Peak kWh	(1) ----- / -----		(2) ----- / -----		(1) vs (2)			
	450	On-Peak Off-Peak				Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %	
kW													
	200	90,000	36,000	54,000	54,000	\$9,514.93	\$6,637.50	\$2,877.43	\$8,891.23	\$6,013.80	\$2,877.43	(\$623.70)	-6.6%
	300	135,000	54,000	81,000	81,000	\$14,225.90	\$9,956.25	\$4,269.65	\$13,290.35	\$9,020.70	\$4,269.65	(\$935.55)	-6.6%
	400	180,000	72,000	108,000	108,000	\$18,936.87	\$13,275.00	\$5,661.87	\$17,689.47	\$12,027.60	\$5,661.87	(\$1,247.40)	-6.6%
	500	225,000	90,000	135,000	135,000	\$23,647.84	\$16,593.75	\$7,054.09	\$22,088.59	\$15,034.50	\$7,054.09	(\$1,559.25)	-6.6%
	1,000	450,000	180,000	270,000	270,000	\$47,202.69	\$33,187.50	\$14,015.19	\$44,084.19	\$30,069.00	\$14,015.19	(\$3,118.50)	-6.6%

Present Rates

Customer Charge		\$92.99
Distribution Charge		
On Peak kWh	kWh x	\$0.00362
Off Peak kWh	kWh x	\$0.00228
Distribution Demand Charge	kW x	\$4.06
Transmission Charge	kWh x	\$0.01505
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Proposed Rates

Customer Charge		\$92.99
Distribution Charge		
On Peak kWh	kWh x	\$0.00362
Off Peak kWh	kWh x	\$0.00228
Distribution Demand Charge	kW x	\$4.06
Transmission Charge	kWh x	\$0.01505
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Supplier Services

Illustrative Weighted Average Default Service	kWh x	\$0.07375
		\$0.06682

Hours Use 200

kW	Monthly kWh	(1)			(2)			(1) vs (2)	
		Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Amount	%
20	4,000	\$501.77	\$295.00	\$206.77	\$474.05	\$267.28	\$206.77	(\$27.72)	-5.5%
50	10,000	\$1,217.09	\$737.50	\$479.59	\$1,147.79	\$668.20	\$479.59	(\$69.30)	-5.7%
75	15,000	\$1,813.19	\$1,106.25	\$706.94	\$1,709.24	\$1,002.30	\$706.94	(\$103.95)	-5.7%
100	20,000	\$2,409.29	\$1,475.00	\$934.29	\$2,270.69	\$1,336.40	\$934.29	(\$138.60)	-5.8%
150	30,000	\$3,601.49	\$2,212.50	\$1,388.99	\$3,393.59	\$2,004.60	\$1,388.99	(\$207.90)	-5.8%

	<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$24.89
Distribution Charge	kWh x	\$0.00259
Distribution Demand Charge	kW x	\$4.48
Transmission Charge	kWh x	\$0.01643
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
<u>Supplier Services</u>		
Illustrative Weighted Average Default Se	kWh x	\$0.07375
		\$0.06682

Hours Use 250

Proposed Rates

Present Rates

Customer Charge		\$24.89
Distribution Charge	kWh x	\$0.00259
Distribution Demand Charge	kW x	\$4.48
Transmission Charge	kWh x	\$0.01643
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055
		\$24.89
		\$0.00259
		\$4.48
		\$0.01643
		\$0.00020
		\$0.00330
		\$0.00055

Supplier Services

Illustrative	Weighted	Average	Default	Se	kWh x	\$0.07375	\$0.06682
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National Grid
Proposed May 1, 2011 Default Service Rates
Calculation of Illustrative Monthly Typical Bill
Impact on Rate G-2 Default Service Customers

Hours Use 300

kW	Monthly kWh	(1)		(2)		(1) vs (2)	
		Total	Present Rates Default Service	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount %
20	6,000	\$695.41	\$442.50	\$653.83	\$400.92	\$252.91	(\$41.58) -6.0%
50	15,000	\$1,701.19	\$1,106.25	\$1,597.24	\$1,002.30	\$594.94	(\$103.95) -6.1%
75	22,500	\$2,539.36	\$1,659.38	\$2,383.43	\$1,503.45	\$879.98	(\$155.93) -6.1%
100	30,000	\$3,377.49	\$2,212.50	\$3,169.59	\$2,004.60	\$1,164.99	(\$207.90) -6.2%
150	45,000	\$5,053.79	\$3,318.75	\$4,741.94	\$3,006.90	\$1,735.04	(\$311.85) -6.2%

Present Rates

Customer Charge		\$24.89
Distribution Charge	kWh x	\$0.00259
Distribution Demand Charge	kW x	\$4.48
Transmission Charge	kWh x	\$0.01643
Stranded Cost Charge	kWh x	\$0.00020
System Benefits Charge	kWh x	\$0.00330
Electricity Consumption Tax	kWh x	\$0.00055

Proposed Rates

	\$24.89
	\$0.00259
	\$4.48
	\$0.01643
	\$0.00020
	\$0.00330
	\$0.00055

Supplier Services

Illustrative Weighted Average Default Se	kWh x	\$0.07375
		\$0.06682

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-11
Proposed Summary of Rates

GRANITE STATE ELECTRIC COMPANY
RATES EFFECTIVE MAY 1, 2011
FOR USAGE ON AND AFTER MAY 1, 2011

Rate	Blocks	Distribution Charge (1), (2), (3), (4), (5)	Electricity Consumption Tax	Transmission Charge	Systems Benefits Charge	Stranded Cost Charge	Total Retail Delivery Services
D	Customer Charge	\$4.35					\$4.35
	1st 250 kWh	\$0.01852	\$0.00055	\$0.01628	\$0.00330	\$0.00020	\$0.03885
	Excess 250 kWh	\$0.04486	\$0.00055	\$0.01628	\$0.00330	\$0.00020	\$0.06519
	Off Peak kWh	\$0.01781	\$0.00055	\$0.01628	\$0.00330	\$0.00020	\$0.03814
	Farm kWh	\$0.02764	\$0.00055	\$0.01628	\$0.00330	\$0.00020	\$0.04797
	D-6 kWh	\$0.01852	\$0.00055	\$0.01628	\$0.00330	\$0.00020	\$0.03885
D-10	Customer Charge	\$7.47					\$7.47
	On Peak kWh	\$0.04966	\$0.00055	\$0.01418	\$0.00330	\$0.00021	\$0.06790
	Off Peak kWh	\$0.00220	\$0.00055	\$0.01418	\$0.00330	\$0.00021	\$0.02044
G-1	Customer Charge	\$92.99					\$92.99
	Demand Charge	\$4.06					\$4.06
	On Peak kWh	\$0.00362	\$0.00055	\$0.01505	\$0.00330	\$0.00020	\$0.02272
	Off Peak kWh	\$0.00228	\$0.00055	\$0.01505	\$0.00330	\$0.00020	\$0.02138
G-2	Customer Charge	\$24.89					\$24.89
	Demand Charge	\$4.48					\$4.48
	All kWh	\$0.00259	\$0.00055	\$0.01643	\$0.00330	\$0.00020	\$0.02307
G-3	Customer Charge	\$5.51					\$5.51
	All kWh	\$0.03287	\$0.00055	\$0.01659	\$0.00330	\$0.00020	\$0.05351
M	All kWh	\$0.00228	\$0.00055	\$0.01029	\$0.00330	\$0.00019	\$0.01661
	see tariff for luminaires & pole charges						
T	Customer Charge	\$5.63					\$5.63
	All kWh	\$0.02230	\$0.00055	\$0.01421	\$0.00330	\$0.00021	\$0.04057
V	Minimum Charge	\$5.88					\$5.88
	All kWh	\$0.03057	\$0.00055	\$0.01722	\$0.00330	\$0.00021	\$0.05185

(1) Distribution Energy Charges include a Business Profits Tax Surcharge of \$0.00057 per kWh for usage on and after 8/1/01

(2) Distribution Energy Charges include the following credits per kWh in accordance with page 93 of the tariff for usage on and after 5/1/10

Rate Class	Credit per kWh
D	(\$0.00017)
D-10	(\$0.00008)
G-3	(\$0.00017)
T	(\$0.00007)
V	(\$0.00009)

(3) Distribution Energy Charges include a Reliability Enhancement Program and Vegetation Management Plan Adjustment Factor of \$0.00125 per kWh for usage on and after 7/1/10

(4) Distribution Energy Charges include a Green Up Service Recovery Adjustment Factor of \$0.00006 per kWh for usage on and after 7/1/10

(5) Distribution Energy Charges include a Storm Fund Recovery Adjustment Factor of \$0.00040 per kWh for usage on and after 7/1/10

System Benefits Charge-Energy Efficiency	\$0.00150	Effective 1/15/10, usage on and after
System Benefits Charge-Statewide Energy Assistance Program	\$0.00180	Effective 1/15/10, usage on and after
Total System Benefits Charge	\$0.00330	
Transmission Cost Adjustment Factor	various	Effective 1/1/11, usage on and after
Stranded Cost Adjustment Factor	various	Effective 1/1/11, usage on and after
Default Service Charge		
Residential & Small Commercial (D, D-10, G-3, M, T, V)	\$0.06680	Effective 5/1/11, usage on and after
Medium / Large Commercial & Industrial (G-1, G-2)	\$0.06701	Effective 5/1/11, usage on and after
	\$0.06689	Effective 6/1/11, usage on and after
	\$0.06659	Effective 7/1/11, usage on and after
Electricity Consumption Tax	\$0.00055	Effective 5/1/01, usage on and after

Issued:

Issued by: /s/ Thomas B. King

Effective: May 1, 2011

Title: Thomas B. King
President

(Issued in Compliance with Order No. _____ in Docket No. DE 11-016 dated _____)

Granite State Electric Company d/b/a National Grid
Docket No. DE 11-016
Witness: S.M. McCabe

Schedule SMM-12
Quarterly Customer Migration Report

CUSTOMER MIGRATION REPORT

Energy Service and Competitive Generation Customers for the 4th Quarter of 2010

	Energy Service				Competitive Service											
	Oct-2010	Nov-2010	Dec-2010	Oct-2010	Nov-2010	Dec-2010	Oct-2010	Nov-2010	Dec-2010							
	Number of Energy Service Customers				Number of Competitive Service Customers				kWh Used by Competitive Service Customers							
Customer Rate Class																
D	33,646	33,698	33,742	18,985,028	20,448,785	22,760,715	34	36	38	31,014	35,153	41,766				
D-10	444	445	441	339,954	402,627	571,589	0	0	0	0	0	0				
T	1,222	1,219	1,215	1,131,470	1,537,873	2,009,973	46	46	46	27,468	36,475	55,576				
G-1	71	70	68	8,490,470	7,891,400	8,509,430	51	51	50	19,406,648	17,500,814	16,169,208				
G-2	676	690	673	8,926,005	8,581,661	9,278,487	155	160	172	3,359,819	3,338,922	3,792,570				
G-3	5,098	5,130	5,095	6,427,616	6,333,187	6,731,016	421	433	452	521,027	539,770	630,008				
V	20	20	21	21,017	18,105	22,376	1	1	1	893	1,626	2,478				
Streetlights	90	92	93	180,815	196,311	185,787	18	18	19	208,923	226,871	212,004				
TOTAL	41,267	41,364	41,348	44,502,375	45,409,949	50,069,373	726	745	778	23,555,792	21,679,631	20,903,610				
	Number of Energy Service Customers as % of Total				kWh Used by Energy Service Customers as % of Total				Number of Competitive Service Customers as % of Total				kWh Used by Competitive Service Customers as % of Total			
D	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
D-10	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
T	96%	96%	96%	98%	98%	97%	4%	4%	4%	2%	2%	3%	2%	3%	3%	
G-1	58%	58%	58%	30%	31%	34%	42%	42%	42%	70%	69%	66%	69%	66%	66%	
G-2	81%	81%	80%	73%	72%	71%	19%	19%	20%	27%	28%	29%	28%	29%	29%	
G-3	92%	92%	92%	93%	92%	91%	8%	8%	8%	7%	8%	9%	8%	9%	9%	
V	95%	95%	95%	96%	92%	90%	5%	5%	5%	4%	8%	10%	8%	10%	10%	
Streetlights	83%	84%	83%	46%	46%	47%	17%	16%	17%	54%	54%	53%	54%	53%	53%	
TOTAL	98%	98%	98%	65%	68%	71%	2%	2%	2%	35%	32%	29%	32%	29%	29%	

Prepared By: J. Jetz

Date: January 5, 2010