

NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

GRANITE STATE ELECTRIC COMPANY

d/b/a

NATIONAL GRID

ENERGY EFFICIENCY

2008 YEAR-END REPORT

June 17, 2008

N.H.P.U.C. Docket No. DE 08-120

nationalgrid

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NATIONAL GRID

SUMMARY OF 2008 PROGRAM ACTIVITY

This report presents the results of Granite State Electric Company's d/b/a National Grid ("National Grid" or "Company") residential and commercial and industrial (C&I) energy efficiency programs for calendar year 2008.

Table 1 shows the 2008 year-end performance for the C&I and residential programs compared to annual goals and spending targets. Overall, the Company achieved 123% and 140% of its goals for annual demand savings and annual energy savings respectively. The Company achieved 227% of its planned participation while spending 87% of its planned budget in 2008.

Table 2 documents the value created by the 2008 energy efficiency programs. This table shows that efforts in 2008 created almost \$7.9 million of value through achieved energy, demand and other resource savings. The Company achieved 74,640 megawatt hours of lifetime energy savings.

Table 3 provides the actual Total Resource Cost (TRC) benefit/cost ratio for each program, by sector (C&I and Residential), and for the entire portfolio of energy efficiency programs implemented in 2008. The overall benefit/cost ratio for energy efficiency efforts in 2008 was 3.41.

Table 4 documents the Company's earned 2008 year-end incentive of \$209,226. As specified by the Commission, the incentive for 2008 has been documented using assumptions that are consistent with assumptions used to develop program-year goals. The incentive is calculated in accordance with the mechanism described by the New Hampshire Energy Efficiency Working Group and approved by the Commission in Order No. 23,574 (2000). Table 4 is presented on four pages. Page one summarizes the incentive calculation by component (C&I and Residential). Page two provides explanatory notes for the information provided on page one. Page three provides additional supporting information used in the incentive calculation. Page four provides explanatory notes for the information provided on page three. As specified by the Commission, results for all programs have been included in the incentive calculation.

Tables 5 through 9 provide the 2008 year-end energy efficiency fund balances. These tables reflect revenues collected in support of energy efficiency efforts, 2008 spending levels, and the 2008 incentive. Table 5 summarizes the 2008 year-end energy efficiency fund balances for both the residential and C&I sectors. Residential and C&I fund balances are shown in Tables 6 and 7, respectively. Tables 8 and 9 provide the residential and C&I fund variance analyses, respectively.

NATIONAL GRID
Table 1 - Summary of 2008 Planned and Year-End Results

	Annual kW			Annual MWh		Participation (2)		Implementation Expense (\$ '000's)	
	Filed Target	Year-End	% Achieved	Filed Target	Year-End	Filed Target	Year-End	Filed Target	Year-End
Commercial and Industrial									
New Construction	313	154	49%	1,529	1,059	69%	34	26	76%
Large Business Energy Solutions	178	494	277%	1,306	2,791	214%	23	19	83%
Small Business Energy Solutions (1)	209	187	90%	784	896	114%	72	67	93%
SUBTOTAL	700	835	119%	3,619	4,746	131%	129	112	87%
Residential Programs									
ENERGY STAR® Homes	2	25	1082%	32	172	540%	89	159	179%
Home Energy Solutions	10	8	77%	112	93	83%	87	114	131%
ENERGY STAR® Appliances	27	19	72%	106	96	91%	710	785	111%
Home Energy Assistance	10	7	74%	80	59	74%	48	36	75%
ENERGY STAR® Lighting	26	58	227%	419	955	228%	8,920	21,443	240%
SUBTOTAL	74	118	158%	748	1,374	184%	9,854	22,537	229%
TOTAL	774	952	123%	4,367	6,120	140%	9,983	22,649	227%
								\$1,590	\$1,379
									87%

NOTE:
(1) The spending reported for Small Business Energy Solutions is net of actual customer copays in 2008 of \$66,171.
(2) Participation for C&I programs refers to total number of applications.
Participation in the ENERGY STAR® Lighting Program refers to total number of rebates.

NATIONAL GRID
 Table 2 - Summary of Year-End Value, kW, and MWh Savings by Program
 2008 Program Year

	Value (000\$)														Load Reduction in kW			MWh Saved	
	Total	Capacity				Energy				Non-Electric Resource Benefits	Maximum Annual	Summer	Winter	Lifetime	Maximum Annual	Lifetime			
		Generation		Trans		Winter		Summer											
		Summer	Winter	Trans	MDC	Peak	Off Peak	Peak	Off Peak										
Commercial and Industrial																			
New Construction	\$1,373	\$170	\$0	\$17	\$69	\$525	\$217	\$270	\$105	N/A	154	154	125	2,331	1,059	16,216			
Large Business Energy Solutions	\$3,335	\$472	\$0	\$48	\$198	\$1,264	\$478	\$645	\$230	N/A	494	494	354	6,358	2,791	35,718			
Small Business Energy Solutions	\$1,048	\$156	\$0	\$17	\$68	\$445	\$93	\$226	\$45	N/A	187	187	95	2,130	896	10,469			
SUBTOTAL	\$5,756	\$798	\$0	\$82	\$355	\$2,233	\$788	\$1,141	\$380	\$0	835	835	574	10,820	4,746	62,403			
Residential Programs																			
ENERGY STAR Homes	\$961	\$34	\$0	\$3	\$13	\$52	\$57	\$26	\$27	\$749	25	25	41	517	172	2,616			
Home Energy Solutions	93	5	0	1	3	21	24	11	12	16	8	8	26	75	93	977			
ENERGY STAR Appliances	254	19	0	2	8	26	30	17	15	137	19	19	15	257	96	1,337			
Home Energy Assistance	291	7	0	1	3	17	19	9	9	225	7	7	20	104	59	877			
ENERGY STAR Lighting	538	24	0	3	14	154	176	82	83	N/A	58	58	219	393	955	6,431			
SUBTOTAL	\$2,137	\$90	\$0	\$10	\$41	\$271	\$307	\$146	\$147	\$1,127	118	118	320	1,345	1,374	12,238			
TOTAL	\$7,894	\$889	\$0	\$91	\$376	\$2,504	\$1,094	\$1,286	\$526	\$1,127	952	952	894	12,165	6,120	74,640			

NATIONAL GRID
Table 3 - Summary of Achieved Cost-Effectiveness
2008 Program Year

	TRC Benefit/Cost (3)	Total Value TRC Benefits (\$000)	Implementation Expenses (\$000)	Evaluation Costs (\$000)	Customer Costs (\$000)	Customer Costs from Spillover (\$000)	Company Incentive (\$000)	Total TRC Costs (\$000)
Commercial and Industrial								
New Construction	4.16	\$1,373	\$242	\$15	53	\$20	N/A	\$330
Large Business Energy Solutions (1)	4.52	3,335	307	12	393	26	N/A	738
Small Business Energy Solutions (2)	3.62	1,048	217	2	66	5	N/A	290
SUBTOTAL (including Company Incentive)	3.85	\$5,756	\$765	\$29	\$513	\$51	\$138	\$1,496
SUBTOTAL (excluding Company Incentive)	4.24	\$5,756	\$765	\$29	\$513	\$51	N/A	\$1,358
Residential Programs								
ENERGY STAR Homes	3.06	\$961	\$314	\$0	N/A	N/A	N/A	\$314
Home Energy Solutions	1.51	93	57	0	4	N/A	N/A	61
ENERGY STAR Appliances	1.62	254	62	0	95	N/A	N/A	157
Home Energy Assistance	2.39	291	122	0	N/A	N/A	N/A	122
ENERGY STAR Lighting	5.66	538	59	3	30	\$3	N/A	95
SUBTOTAL (including Company Incentive)	2.61	\$2,137	\$614	\$3	\$129	\$3	\$71	\$820
SUBTOTAL (excluding Company Incentive)	2.85	\$2,137	\$614	\$3	\$129	\$3	N/A	\$749
GRAND TOTAL (including Company Incentive)	3.41	\$7,894	\$1,379	\$32	\$642	\$54	\$209	\$2,316

NOTES:

(1) The customer costs for Small Business Energy Solutions is net of actual customer copays in 2008 of \$66,171.

(2) TRC Benefit/Cost = (Total Value)/(Total Costs), where

Total Costs = (Implementation Expenses + Evaluation Costs + Customer Costs + Customer Costs from Spillover + Company Incentive).

Table 4
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 National Grid
 Year-End 2008 Incentive Calculation

Commercial/Industrial Incentive

1. Target Benefit/Cost Ratio	2.51
2. Actual Benefit/Cost Ratio	4.24
3. Threshold Benefit/Cost Ratio	1.00
4. Target lifetime MWh	50,585
5. Actual lifetime MWh	62,403
6. Threshold MWh	32,880
7. Budget	\$1,182,346
8. CE Percentage	4.0%
9. Lifetime kWh Percentage	4.0%
10. Target C/I Incentive	\$94,588
11. Actual C/I Incentive	\$138,214
12. Cap	\$141,882

Residential Incentive

13. Target Benefit/Cost Ratio	1.70
14. Actual Benefit/Cost Ratio	2.85
15. Threshold Benefit/Cost Ratio	1.00
16. Target lifetime MWh	7,587
17. Actual lifetime MWh	12,238
18. Threshold MWh	4,932
19. Budget	\$591,774
20. CE Percentage	4.0%
21. Lifetime kWh Percentage	4.0%
22. Target Residential Incentive	\$47,342
23. Actual Residential Incentive	\$71,013
24. Cap	\$71,013
25. TOTAL INCENTIVE EARNED	\$209,226

Table 4 (continued)

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National Grid

Notes to Year-End 2008 Incentive Calculation

Line No. Notes:

1. See Table 4, page 3 of 4, line 6.
2. See Table 4, page 3 of 4, line 6.
3. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150 (July 6, 1999), page 21.
4. Target lifetime energy savings for commercial & industrial programs from 2008 Core New Hampshire Energy Efficiency Programs filing, NHPUC Docket No. DE 07-106, revised filing date: 02/29/08.
5. Source: Program tracking systems
6. 65% of line 4.
7. Budget for commercial & industrial programs from 2008 Core New Hampshire Energy Efficiency Programs filing, NHPUC Docket No. DE 07-106, revised filing date: 02/29/08.
8. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150, page 21.
9. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150, page 21.
10. 8% of line 7.
11. There are two elements of this calculation. Line 11 is the sum of Element 1 and Element 2, described below. This sum cannot exceed Line 12.
Element 1 - Incentive related to cost-effectiveness:
 - a. Line 2 must be greater than or equal to Line 3.
 - b. $(\text{Line 2}/\text{Line 1}) \times .04 \times \text{Line 7}$Element 2 - Incentive related to Lifetime kWh:
 - a. Line 5 must be greater than or equal to Line 6.
 - b. $(\text{Line 5}/\text{Line 4}) \times .04 \times \text{Line 7}$
12. 12% of Line 7.
13. See Table 4, page 3 of 4, line 13.
14. See Table 4, page 3 of 4, line 13.
15. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150, page 21.
16. Target lifetime savings for eligible residential programs from 2008 Core New Hampshire Energy Efficiency Programs filing, NHPUC Docket No. DE 07-106, revised filing date: 02/29/08.
17. Source: Program tracking systems.
18. 65% of line 16.
19. See Table 4, page 3 of 4, line 14.
20. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150, page 21.
21. Report to the New Hampshire Public Utilities Commission on Ratepayer-Funded Energy Efficiency Issues in New Hampshire, Docket No. DR 96-150, page 21.
22. 8% of line 19.
23. There are two elements of this calculation. Line 23 is the sum of Element 1 and Element 2, described below. This sum cannot exceed Line 24.
Element 1 - Incentive related to cost-effectiveness:
 - a. Line 14 must be greater than or equal to Line 15.
 - b. $(\text{Line 14}/\text{Line 13}) \times .04 \times \text{Line 19}$Element 2 - Incentive related to Lifetime kWh:
 - a. Line 17 must be greater than or equal to Line 18.
 - b. $(\text{Line 17}/\text{Line 16}) \times .04 \times \text{Line 19}$
24. 12% of Line 19.
25. Line 11 + Line 23

Table 4 (continued)

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Planned Versus Actual Benefit-Cost Ratio by Sector
 National Grid - 2008

	<u>Planned</u>	<u>Actual</u>
Commercial & Industrial:		
1. Benefits (Value) From Eligible Programs	\$4,155,872	\$5,756,363
2. Implementation Expenses	\$1,026,261	\$765,079
3. Customer Contribution	\$571,616	\$563,778
4. Evaluation Expense	\$56,327	\$29,114
5. Total Costs Excluding Shareholder Incentive	\$1,654,204	\$1,357,971
6. Benefit/Cost Ratio - C&I Sector	2.51	4.24
7. Implementation Plus Evaluation Expense - C&I Sector	\$1,082,588	\$794,193
Residential:		
8. Benefits (Value) From Eligible Programs	\$1,197,889	\$2,137,288
9. Implementation Expenses	\$563,619	\$613,867
10. Customer Contribution	\$113,603	\$131,879
11. Evaluation Expense	\$28,155	\$3,210
12. Total Costs Excluding Shareholder Incentive	\$705,377	\$748,956
13. Benefit/Cost Ratio - Residential Sector	1.70	2.85
14. Implementation Plus Evaluation Expense - Residential Sector	\$591,774	\$617,077

Table 4 (continued)
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Planned Versus Actual Benefit-Cost Ratio by Sector
 National Grid - 2008

Line No. Notes:

1. Planned Commercial & Industrial benefits (value) from eligible programs from 2008 Core New Hampshire Energy Efficiency Programs, NHPUC Docket No. DE 07-106, revised filing date: 02/29/08, Attachment D, page 4 of 5.
 Actual benefits (value) from eligible programs: Program tracking systems.
2. Planned implementation expenses for C&I programs from 2008 Core New Hampshire Energy Efficiency Programs, NHPUC Docket No. DE 07-106, revised filing date: 02/29/08, Attachment D, page 4 of 5.
 Actual implementation expenses: Company accounting system net of customer co-pays.
3. Planned C&I customer contribution from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5. Actual customer contribution: Program tracking systems plus estimated customer costs related to spillover plus customer co-pays that were netted out of reported implementation expenses.
4. Planned C&I evaluation expenses from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5. Actual evaluation expenses: Company accounting system.
5. Sum of lines 2-4.
6. Line 1 divided by line 5. The shareholder incentive mechanism described by the New Hampshire Energy Efficiency Working Group and approved by the Commission in Order No. 23,574 (reaffirmed in Order No. 23,982 (2002)) includes a circular calculation. A portion of the earned shareholder incentive is related to the benefit/cost ratio. However, the shareholder incentive is supposed to be included as an energy efficiency cost in determining the benefit/cost ratio. For the purpose of calculating the shareholder incentive, the Company has recalculated the planned benefit/cost ratio excluding the shareholder incentive and is comparing the actual benefit/cost ratio excluding the shareholder incentive to the planned benefit/cost ratio excluding shareholder incentives.
7. Sum of lines 2 and 4. The dollars in the planned column are the C&I sector funds on which the Company may calculate its earned shareholder incentive.
8. Planned Residential benefits (value) from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5.
 Actual benefits (value) from eligible programs: Program tracking systems.
9. Planned implementation expenses for residential programs from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5. Actual implementation expenses: Company accounting system.
10. Planned Residential customer contribution from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5. Actual customer contribution: Program vendors plus estimated customer costs associated with spillover.
11. Planned residential evaluation expenses from 2008 Core New Hampshire Energy Efficiency Programs, revised filing date: 02/29/08, Attachment D, page 4 of 5. Actual evaluation expense: Company accounting system.
12. Sum of lines 9-11.
13. Line 8 divided by line 12. The shareholder incentive mechanism described by the New Hampshire Energy Efficiency Working Group and approved by the Commission in Order No. 23,574 (reaffirmed in Order No. 23,982 (2002)) includes a circular calculation. A portion of the earned shareholder incentive is related to the benefit/cost ratio. However, the shareholder incentive is supposed to be included as an energy efficiency cost in determining the benefit/cost ratio. For the purpose of calculating the shareholder incentive, the Company has recalculated the planned benefit/cost ratio excluding the shareholder incentive and is comparing the actual benefit/cost ratio excluding the shareholder incentive to the planned benefit/cost ratio excluding shareholder incentives.
14. Sum of lines 9 and 11. The dollars in the planned column are the Residential sector funds on which the Company may calculate its earned shareholder incentive.

TABLE 5
NATIONAL GRID
ENERGY EFFICIENCY ADJUSTMENT AND BALANCE

12 Months Actual 2008

Total Energy Efficiency Revenue/Expense for Jan-Dec 2008

	Actual <u>JAN</u>	Actual <u>FEB</u>	Actual <u>MAR</u>	Actual <u>APRIL</u>	Actual <u>MAY</u>	Actual <u>JUNE</u>	6 MONTH <u>TOTAL</u>
Residential Revenue	\$55,695	\$47,376	\$44,008	\$42,366	\$34,396	\$42,273	\$266,115
C&I. Revenue	<u>\$87,663</u>	<u>\$92,124</u>	<u>\$56,898</u>	<u>\$116,326</u>	<u>\$78,248</u>	<u>\$92,429</u>	<u>\$523,688</u>
1. TOTAL REVENUE (A)	\$143,359	\$139,501	\$100,906	\$158,692	\$112,644	\$134,702	\$789,802
Residential Expense	\$9,314	\$38,873	\$32,755	\$53,469	\$43,702	\$18,637	\$196,750
C&I. Expense	<u>\$15,880</u>	<u>\$38,908</u>	<u>\$27,901</u>	<u>\$136,741</u>	<u>\$127,336</u>	<u>\$95,047</u>	<u>\$441,813</u>
2. TOTAL EXPENSE (B)	\$25,194	\$77,781	\$60,656	\$190,210	\$171,038	\$113,684	\$638,563
3. Cash Flow Over/(Under)	\$118,165	\$61,720	\$40,250	(\$31,518)	(\$58,394)	\$21,018	\$151,239
4. Start of Period Balance (C)	\$90,556	\$209,591	\$272,513	\$314,143	\$283,928	\$226,595	\$90,556
5. End of Period Balance Before Interest	\$208,721	\$271,311	\$312,763	\$282,625	\$225,534	\$247,613	\$241,795
6. Residential Interest	(\$2,180)	(\$1,748)	(\$1,610)	(\$1,498)	(\$1,478)	(\$1,454)	(\$9,968)
C&I Interest	<u>\$3,051</u>	<u>\$2,950</u>	<u>\$2,991</u>	<u>\$2,801</u>	<u>\$2,539</u>	<u>\$2,442</u>	<u>\$16,773</u>
TOTAL INTEREST (D)	\$870	\$1,202	\$1,380	\$1,303	\$1,061	\$988	\$6,805
7. End of Period Balance After Interest	\$209,591	\$272,513	\$314,143	\$283,928	\$226,595	\$248,601	\$248,601
	Actual <u>JULY</u>	Actual <u>AUG</u>	Actual <u>SEPT</u>	Actual <u>OCT</u>	Actual <u>NOV</u>	Actual <u>DEC</u>	ANNUAL <u>TOTAL</u>
Residential Revenue	\$43,877	\$47,743	\$41,343	\$35,426	\$40,137	\$44,348	\$518,987
C&I. Revenue	<u>\$128,024</u>	<u>\$120,289</u>	<u>\$104,393</u>	<u>\$107,395</u>	<u>\$83,018</u>	<u>\$94,284</u>	<u>\$1,161,090</u>
8. TOTAL REVENUE (A)	\$171,901	\$168,031	\$145,736	\$142,820	\$123,155	\$138,631	\$1,680,077
Residential Expense	\$21,693	\$64,498	\$42,202	\$105,720	\$89,361	\$96,888	\$617,112
C&I. Expense	<u>\$22,457</u>	<u>\$46,844</u>	<u>\$81,919</u>	<u>\$36,348</u>	<u>\$106,260</u>	<u>\$124,721</u>	<u>\$860,362</u>
9. TOTAL EXPENSE (B)	\$44,150	\$111,342	\$124,121	\$142,068	\$195,621	\$221,609	\$1,477,474
10. Cash Flow Over/(Under)	\$127,751	\$56,689	\$21,615	\$752	(\$72,466)	(\$82,978)	\$202,603
11. Start of Period Balance (C)	\$248,601	\$377,654	\$436,035	\$459,512	\$462,011	\$390,964	\$90,556
12. End of Period Balance Before Interest	\$376,352	\$434,343	\$457,650	\$460,264	\$389,545	\$307,986	\$293,159
13. Residential Interest	(\$1,365)	(\$1,359)	(\$1,401)	(\$1,419)	(\$1,448)	(\$1,465)	(\$18,425)
C&I Interest	<u>\$2,667</u>	<u>\$3,051</u>	<u>\$3,263</u>	<u>\$3,166</u>	<u>\$2,868</u>	<u>\$2,516</u>	<u>\$34,304</u>
TOTAL INTEREST (D)	\$1,302	\$1,692	\$1,862	\$1,748	\$1,419	\$1,051	\$15,879
14. Residential Incentive						\$71,013	\$71,013
C&I Incentive						\$138,214	\$138,214
Total Incentive						\$209,227	\$209,227
15 End of Period Balance After Interest	\$377,654	\$436,035	\$459,512	\$462,011	\$390,964	\$99,811	\$99,811
16 End Balance as % of Revenue							5.94%

(A) See Tables 2 & 3
 (B) See Tables 2 & 3
 (C) "End of Period Balance Before Interest" from prior month.
 (D) See Tables 2 & 3

Interest Rates:	JAN =	6.98%	FEB =	6.00%	MAR =	5.66%	APR =	5.24%
	MAY =	5.00%	JUN =	5.00%	JUL =	5.00%	AUG =	5.00%
	SEP =	5.00%	OCT =	4.56%	NOV =	4.00%	DEC =	3.61%

PREPARED BY: R. Bowcock
 Date: 17-Jun-09
 2:22 PM

TABLE 6

NATIONAL GRID
 ENERGY EFFICIENCY REVENUE/EXPENSE BALANCE
 RESIDENTIAL FUND
 12 Months Actual 2008

Energy Efficiency Residential Revenue/Expense for Jan-Dec 2008

	<u>Actual JAN</u>	<u>Actual FEB</u>	<u>Actual MAR</u>	<u>Actual APRIL</u>	<u>Actual MAY</u>	<u>Actual JUNE</u>	<u>6 MONTH TOTAL</u>
1. Residential Revenue (A)	\$55,695	\$47,376	\$44,008	\$42,366	\$34,396	\$42,273	\$266,115
2. Residential Energy Efficiency Expense (B)	<u>\$9,314</u>	<u>\$38,873</u>	<u>\$32,755</u>	<u>\$53,469</u>	<u>\$43,702</u>	<u>\$18,637</u>	\$196,750
3. Cash Flow Over/(Under)	\$46,381	\$8,503	\$11,253	(\$11,103)	(\$9,306)	\$23,636	\$69,365
4. Start of Period Balance (C)	(\$398,019)	(\$353,818)	(\$347,062)	(\$327,420)	(\$350,020)	(\$360,804)	
5. End of Period Balance Before Interest	(\$351,638)	(\$345,315)	(\$335,809)	(\$348,523)	(\$359,326)	(\$337,168)	
6. Estimated Interest	(\$2,180)	(\$1,748)	(\$1,610)	(\$1,498)	(\$1,478)	(\$1,454)	(\$9,968)
7. End of Period Balance After Interest	(\$353,818)	(\$347,062)	(\$337,420)	(\$350,020)	(\$360,804)	(\$338,622)	
	<u>Actual JULY</u>	<u>Actual AUG</u>	<u>Actual SEPT</u>	<u>Actual OCT</u>	<u>Actual NOV</u>	<u>Actual DEC</u>	<u>ANNUAL TOTAL</u>
8. Residential Revenue (A)	\$43,877	\$47,743	\$41,343	\$35,426	\$40,137	\$44,348	\$518,987
9. Residential Energy Efficiency Expense (B)	<u>\$21,693</u>	<u>\$64,498</u>	<u>\$42,202</u>	<u>\$105,720</u>	<u>\$89,361</u>	<u>\$96,888</u>	<u>\$617,112</u>
10. Cash Flow Over/(Under)	\$22,184	(\$16,755)	(\$859)	(\$70,294)	(\$49,224)	(\$52,540)	(\$98,125)
11. Start of Period Balance (C)	(\$338,622)	(\$317,803)	(\$335,918)	(\$338,178)	(\$409,891)	(\$460,564)	(\$398,019)
12. End of Period Balance Before Interest	(\$316,438)	(\$334,559)	(\$336,777)	(\$408,472)	(\$459,115)	(\$513,104)	(\$496,144)
13. Estimated Interest	(\$1,365)	(\$1,359)	(\$1,401)	(\$1,419)	(\$1,448)	(\$1,465)	(\$18,425)
14. Residential Incentive						\$71,013	\$71,013
15. End of Period Balance After Interest	(\$317,803)	(\$335,918)	(\$338,178)	(\$409,891)	(\$460,564)	(\$585,582)	(\$585,582)
16. End Balance as % of Revenue							-112.83%

FOOTNOTES:

- (A) Revenue Report
 (B) Source: PeopleSoft query
 (C) "End of Period Balance Before Interest" from prior month.
 Estimated EE incentive is included in Dec expense estimate.

Interest Rates:	JAN =	6.98%	FEB =	6.00%	MAR =	5.66%	APR =	5.24%
	MAY =	5.00%	JUN =	5.00%	JUL =	5.00%	AUG =	5.00%
	SEP =	5.00%	OCT =	4.56%	NOV =	4.00%	DEC =	3.61%

Note: The Residential Factor is applied to the D-0, D-10, & T-0 rates.

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 Date: 17-Jun-09
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TABLE 7

NATIONAL GRID
 ENERGY EFFICIENCY REVENUE/EXPENSE BALANCE
 COMMERCIAL & INDUSTRIAL FUND
 12 Months Actual 2008

Energy Efficiency C&I Revenue/Expense for Jan-Dec 2008

	<u>Actual JAN</u>	<u>Actual FEB</u>	<u>Actual MAR</u>	<u>Actual APRIL</u>	<u>Actual MAY</u>	<u>Actual JUNE</u>	<u>6 MONTH TOTAL</u>
1. C&I Revenue (A)	\$87,663	\$92,124	\$56,898	\$116,326	\$78,248	\$92,429	\$523,688
2. C&I Energy Efficiency Expense (B)	<u>\$15,880</u>	<u>\$38,908</u>	<u>\$27,901</u>	<u>\$136,741</u>	<u>\$127,336</u>	<u>\$95,047</u>	\$441,813
3. Cash Flow Over/(Under)	\$71,783	\$53,216	\$28,997	(\$20,415)	(\$49,088)	(\$2,618)	\$81,875
4. Start of Period Balance (C)	\$488,575	\$563,409	\$619,575	\$651,563	\$633,948	\$587,399	\$488,575
5. End of Period Balance Before Interest	\$560,358	\$616,625	\$648,572	\$631,147	\$584,860	\$584,781	
6. Estimated Interest	\$3,051	\$2,950	\$2,991	\$2,801	\$2,539	\$2,442	\$16,773
7. End of Period Balance After Interest	\$563,409	\$619,575	\$651,563	\$633,948	\$587,399	\$587,223	
	<u>Actual JULY</u>	<u>Actual AUG</u>	<u>Actual SEPT</u>	<u>Actual OCT</u>	<u>Actual NOV</u>	<u>Actual DEC</u>	<u>ANNUAL TOTAL</u>
8. C&I Revenue (A)	\$128,024	\$120,289	\$104,393	\$107,395	\$83,018	\$94,284	\$1,161,090
9. C&I Energy Efficiency Expense (B)	<u>\$22,457</u>	<u>\$46,844</u>	<u>\$81,919</u>	<u>\$36,348</u>	<u>\$106,260</u>	<u>\$124,721</u>	<u>\$860,362</u>
10. Cash Flow Over/(Under)	\$105,567	\$73,445	\$22,474	\$71,047	(\$23,242)	(\$30,437)	\$300,728
11. Start of Period Balance (C)	\$587,223	\$695,457	\$771,952	\$797,690	\$871,902	\$851,528	\$488,575
12. End of Period Balance Before Interest	\$692,790	\$768,902	\$794,426	\$868,736	\$848,660	\$821,091	\$789,303
13. Estimated Interest	\$2,667	\$3,051	\$3,263	\$3,166	\$2,868	\$2,516	\$34,304
14. C&I Incentive						\$138,214	\$138,214
15. End of Period Balance After Interest	\$695,457	\$771,952	\$797,690	\$871,902	\$851,528	\$685,393	\$685,393
16. End Balance as % of Revenue							59.03%

FOOTNOTES:

(A) Revenue Report
 (B) Source: PeopleSoft query
 (C) "End of Period Balance Before Interest" from prior month.
 Estimated EE incentive is included in Dec expense estimate.

Interest Rates: JAN = 6.98% FEB = 6.00% MAR = 5.66% APR = 5.24%
 MAY = 5.00% JUN = 5.00% JUL = 5.00% AUG = 5.00%
 SEP = 5.00% OCT = 4.56% NOV = 4.00% DEC = 3.61%

Note: The C&I Factor is applied to the G-1, G-2, G-3, M, & V rates.

PREPARED BY: R. Bowcock
 Date: 17-Jun-09

TABLE 8

NATIONAL GRID
 ENERGY EFFICIENCY VARIANCE ANALYSIS
 RESIDENTIAL FUND
 12 Months Actual 2008

Energy Efficiency Residential Revenue/Expense for Jan-Dec 2008

	<u>JAN</u>	<u>FEB</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	
1. Residential Energy Efficiency Revenue (A)	\$55,695	\$47,376	\$44,008	\$42,366	\$34,396	\$42,273	
2. Estimated Residential Energy Efficiency Revenue (B)	<u>\$59,618</u>	<u>\$43,061</u>	<u>\$50,996</u>	<u>\$42,245</u>	<u>\$36,849</u>	<u>\$40,343</u>	
3. Difference (1)-(2)	(\$3,923)	\$4,316	(\$6,988)	\$121	(\$2,453)	\$1,930	
4. Residential Energy Efficiency Expense (A)	\$9,314	\$38,873	\$32,755	\$53,469	\$43,702	\$18,637	
5. Estimated Residential Energy Efficiency Expense (C)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	
6. Difference Residential Energy Efficiency Expense (4) - (5)	\$9,314	\$38,873	\$32,755	\$53,469	\$43,702	\$18,637	
	<u>JULY</u>	<u>AUG</u>	<u>SEPT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
7. Residential Energy Efficiency Revenue (A)	\$43,877	\$47,743	\$41,343	\$35,426	\$40,137	\$44,348	\$518,987
8. Estimated Residential Energy Efficiency Revenue (B)	<u>\$48,683</u>	<u>\$49,316</u>	<u>\$45,479</u>	<u>\$39,622</u>	<u>\$41,553</u>	<u>\$54,040</u>	<u>\$551,805</u>
9. Difference (7)-(8)	(\$4,807)	(\$1,573)	(\$4,136)	(\$4,197)	(\$1,417)	(\$9,692)	(\$32,817)
10. Residential Energy Efficiency Expense (A)	\$21,693	\$64,498	\$42,202	\$105,720	\$89,361	\$96,888	\$617,112
11. Estimated Residential Energy Efficiency Expense (C)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$71,013</u>	<u>\$71,013</u>
12. Difference Residential Energy Efficiency Expense (10) - (11)	\$21,693	\$64,498	\$42,202	\$105,720	\$89,361	\$25,875	\$546,099

FOOTNOTES:

(A) See Table 2

(B) Calculation based on estimated monthly Residential kWh from Company's Winter 2004 forecast multiplied by a factor of \$0.00180

(C) Source: Retail Support & Services Dept. No estimates for 1st Q.

Incentives are included in Dec exp est.

Note: The Residential Factor is applied to the D-0, D-10, & T-0 rates.

PREPARED BY: R. Bowcock

TABLE 9

NATIONAL GRID
 COMMERCIAL & INDUSTRIAL FUND
 12 Months Actual 2008

Energy Efficiency C&I Revenue/Expense for Jan-Dec 2008

	<u>JAN</u>	<u>FEB</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	
1. C&I Energy Efficiency Revenue (A)	\$87,663	\$92,124	\$56,898	\$116,326	\$78,248	\$92,429	
2. Estimated C&I Energy Efficiency Revenue (B)	<u>\$97,248</u>	<u>\$101,018</u>	<u>\$100,550</u>	<u>\$93,818</u>	<u>\$95,233</u>	<u>\$100,507</u>	
3. Difference (1)-(2)	(\$9,585)	(\$8,894)	(\$43,653)	\$22,508	(\$16,985)	(\$8,078)	
4. C&I Energy Efficiency Expense (A)	\$15,880	\$38,908	\$27,901	\$136,741	\$127,336	\$95,047	
5. Estimated C&I Energy Efficiency Expense (C)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	
6. Difference C&I Energy Efficiency Expense (4) - (5)	\$15,880	\$38,908	\$27,901	\$136,741	\$127,336	\$95,047	
	<u>JULY</u>	<u>AUG</u>	<u>SEPT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
7. C&I Energy Efficiency Revenue (A)	\$128,024	\$120,289	\$104,393	\$107,395	\$83,018	\$94,284	\$1,161,090
8. Estimated C&I Energy Efficiency Revenue (B)	<u>\$114,119</u>	<u>\$110,866</u>	<u>\$111,088</u>	<u>\$99,058</u>	<u>\$94,774</u>	<u>\$105,322</u>	<u>\$1,223,600</u>
9. Difference (7)-(8)	\$13,906	\$9,423	(\$6,695)	\$8,337	(\$11,756)	(\$11,038)	(\$62,511)
10. C&I Energy Efficiency Expense (A)	\$22,457	\$46,844	\$81,919	\$36,348	\$106,260	\$124,721	\$860,362
11. Estimated C&I Energy Efficiency Expense (C)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$141,812</u>	<u>\$141,812</u>
12. Difference C&I Energy Efficiency Expense (10) - (11)	\$22,457	\$46,844	\$81,919	\$36,348	\$106,260	(\$17,091)	\$718,550

FOOTNOTES:

(A) See Table 3

(B) Calculation based on estimated monthly Residential kWh from Company's Winter 2004 forecast multiplied by a factor of \$0.00180.

(C) Source: Retail Support & Services. No estimates for 1st Q.

Note: The C&I Factor is applied to the G-1, G-2, G-3, M, & V rates.