

September 4, 2007

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 3859 - Earnings Sharing Mechanism and Distribution Adjustment Charge Filing
Pre-filed Testimony of Michael Laflamme & Supplemental Testimony of Peter Czekanski**

Dear Ms. Massaro:

In accordance with the provisions of the Distribution Adjustment Clause (“DAC”) Tariff, RIPUC NG No. 101, Section 3, Schedule A, enclosed please find ten (10) copies of the pre-filed testimony of Michael Laflamme regarding the Company’s earnings sharing for the period ended June 30, 2007. This filing also contains the supplemental testimony of Peter Czekanski updating the August 1, 2007 DAC filing to incorporate updates to the DAC components included in the August 1 filing as well as the earnings sharing calculation. The proposed DAC rate is a credit of \$0.0035 per therm for firm service customers, which represents a decrease from last year. The overall impact of the proposed DAC on average customer bills is an annual decrease of \$4 for residential heating customers.

As explained in the testimony of Mr. Laflamme, the FY2007 FERC Form 2 is in the final review stage and will be filed with the Commission under separate cover no later than September 7, 2007.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at (401) 784-7667.

Very truly yours,



Laura S. Olton

Enclosures

cc: Paul Roberti, Esq.
Steve Scialabba
Bruce Oliver
David Effron

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

NATIONAL GRID
DOCKET NO. 3859

DIRECT TESTIMONY

OF

MICHAEL D. LAFLAMME

September 4, 2007

1 **Q. PLEASE STATE YOUR FULL NAME AND BUSINESS ADDRESS.**

2 A. My name is Michael D. Laflamme. My business address is 55 Bearfoot Road,
3 Northborough, MA 05132.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT POSITION?**

5 A. I am Manager of Regulatory Support for National Grid USA Service Company, Inc.
6 National Grid USA Service Company provides engineering, financial, administrative
7 and other technical support to subsidiary companies of National Grid USA. My
8 current duties include revenue requirements analysis for National Grid USA's
9 regulated businesses in New England, including The Narragansett Electric Company
10 d/b/a National Grid ("National Grid" or "Narragansett Electric"). On July 25, 2006,
11 the Division of Public Utilities and Carriers (the "Division") approved National Grid's
12 acquisition of the Rhode Island regulated gas assets of the New England Gas
13 Company, a division of Southern Union Company, in Docket No. D-06-13. As part of
14 the acquisition, National Grid committed to assuming the obligations under the pre-
15 existing gas rate plan of the New England Gas Company as approved by the Rhode
16 Island Public Utilities Commission (the "Commission") in Docket No. 3401.
17 Effective August 24, 2006 the Rhode Island gas operations of the New England Gas
18 Company began operating as National Grid. For ease of reference, in this filing,
19 National Grid's Rhode Island gas operations will be referred to as National Grid or the
20 Company.

1 **Q. PLEASE PROVIDE A BRIEF SUMMARY OF YOUR EDUCATIONAL**
2 **BACKGROUND.**

3 A. In 1981, I earned a Bachelor of Science degree in Business Administration, emphasis
4 in Accounting, from Bryant College in Smithfield, Rhode Island.

5

6 **Q. PLEASE DESCRIBE YOUR PROFESSIONAL BACKGROUND.**

7 A. From 1981 through April 2000, I was employed by various subsidiary companies of
8 Eastern Utilities Associates (“EUA”), including EUA Service Corporation
9 (“EUASC”) which provided various accounting, financial, engineering, planning, data
10 processing and other services to all EUA System companies. I joined EUA’s
11 accounting department in 1981 and transferred to the revenue requirements section of
12 EUASC’s Rate Department in 1985. I held progressively more responsible positions
13 in revenue requirements prior to transferring to the Treasury Services department of
14 EUASC in 1988. I was promoted to the position of Manager of Treasury Services in
15 1991. The EUA System was acquired by National Grid USA in early 2000, at which
16 time I joined the National Grid USA Service Company.

17

18 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THIS COMMISSION?**

19 A. Yes. I have testified in proceedings before the Commission and Division, the
20 Massachusetts Department of Public Utilities, the New Hampshire Public Utilities

1 Commission, the New York Public Service Commission and the Federal Energy
2 Regulatory Commission.

3 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

4 A. In Docket No. 3401, Order No. 17381, the Commission investigated, modified and
5 approved a base-rate settlement between the Division, The Energy Council of RI and
6 the New England Gas Company (“Settlement Agreement”) that required the New
7 England Gas Company to file an earnings sharing calculation by September 1 of each
8 year as part of an incentive-based Earnings Sharing Mechanism (“ESM”). As
9 indicated earlier, obligations of the Settlement Agreement were assumed by the
10 Company. The purpose of my testimony is to calculate National Grid’s earnings
11 subject to the ESM for the fiscal year ended June 30, 2007 (“FY2007”).

12 **Q. ARE THERE ANY ATTACHMENTS TO YOUR TESTIMONY?**

13 A. Yes, I am sponsoring the following Attachments:

14 MDL-1 Earnings Sharing Mechanism pursuant to Order No. 17971

15 MDL-2 Merger Hold Harmless Credit Calculation

16 MDL-3 FERC Form No. 2 Annual Filing

17

18 **.Q. HAS THE COMPANY CALCULATED THE RETURN ON EQUITY FOR**
19 **FY2007?**

1 A. Yes. The Settlement Agreement requires earnings to be calculated each year based on
2 financial results for the 12-month period ending June 30 (Section II.F.1). The
3 determination of earnings subject to the ESM is based on a benchmark return on
4 equity of 11.25 percent, excluding the Company's portion of non-firm margins
5 (Section II.F.5). The earnings-sharing formula requires that any annual earnings over
6 an 11.25 percent return on equity, up to and including 100 basis points (12.25
7 percent), will be shared 50 percent with customers and 50 percent with the Company.
8 Any earnings in excess of a 12.25 percent return on equity will be shared 75 percent
9 with customers and 25 percent with the Company.

10 As discussed below, the Company calculated a return on equity for the FY2007 period
11 of 0.36 percent as reflected on Attachment MDL-1, page 1 of 11, line 6. Based on this
12 return, the Company did not exceed the 11.25 percent threshold to calculate an
13 earnings sharing amount.

14 **Q. HOW DID THE COMPANY CALCULATE THE RETURN ON EQUITY FOR**
15 **PURPOSES OF THE ESM?**

16 A. In accordance with the Settlement Agreement, the return on equity is calculated by
17 dividing the net income available for common equity by the common equity
18 applicable to rate base (Section II.F.1).

1 **Q. PLEASE EXPLAIN THE CALCULATION OF NET INCOME AVAILABLE**
2 **FOR COMMON EQUITY FOR PURPOSES OF THE ESM.**

3 A. In accordance with the Settlement Agreement and Order No. 17971, the Company
4 calculated net income available for common equity based on operating income for
5 FY2007, less applicable interest and preferred dividends, and adjusted to reflect
6 established Commission ratemaking principles, including the impact of the Weather
7 Normalization Clause (Section II.F.1).

8 As previously stated, on August 24, 2006, National Grid acquired the regulated gas
9 assets of New England Gas Company in Rhode Island and assumed the
10 responsibilities for the regulated gas distribution business in Rhode Island and the
11 obligations of the pre-existing gas rate plan of New England Gas Company. As a
12 result of the acquisition, the FY2007 financials are comprised of the combination of
13 operating results under Southern Union Company ownership from July 1, 2006 to
14 August 23, 2006 and operating results under National Grid ownership from August 24,
15 2006 to June 30, 2007.

16 The Company's calculation of net income available for common equity is set forth in
17 Attachment MDL-1, page 2 of 11. As shown on line 55, for FY2007, the Company
18 calculated net income available for common equity of \$430,848.

1 **Q. DID THE COMPANY MAKE ANY ADJUSTMENTS TO OPERATING**
2 **REVENUES, EXPENSES AND/OR INTEREST CHARGES?**

3 A. Yes. The Company made the following adjustments to operating revenues, expenses
4 and/or interest charges:

5 *Operating Revenue Adjustments:*

6 (1) Weather Normalization: The Weather Normalization Clause requires the
7 Company to return to or receive from customers an amount sufficient to
8 provide the Company with normal weather margins around a 2 percent
9 deadband. In FY2007, winter weather was warmer than normal, resulting in
10 \$882,000 of margins to be collected from customers through the DAC
11 (Prefiled Direct Testimony of Witness Peter C. Czekanski, at page 11), which
12 has the effect of increasing operating income for purposes of the earnings-
13 sharing calculation. Accordingly, the operating revenues reflected on
14 Attachment MDL-1, page 2 of 11, line 2, include revenues related to the
15 Weather Normalization Clause in the amount of \$882,000.

16 (2) Company Portion of Non-firm Margins: The Company's portion of non-firm
17 margins is excluded from the earnings-sharing calculation. Pursuant to the
18 Settlement Agreement, non-firm margins in excess of \$1,600,000, the amount
19 in base rates, are shared 75 percent with customers and 25 percent with the
20 Company through a separate mechanism (Section II.H). In FY2007, the

1 Company's 25 percent share of non-firm margins in excess of \$1,600,000 were
2 \$1,103,169, which is comprised of \$1,080,516 for FY2007 plus a \$22,653
3 adjustment for FY2006 as discussed in Prefiled Direct DAC Testimony of
4 Witness Peter C. Czekanski at pages 10 and 11. Because 100 percent of non-
5 firm margins are recorded as revenues on the Company's income statement,
6 the Company's 25 percent share is reflected as a reduction to revenue for
7 regulated earnings purposes as shown on Attachment MDL-1, page 2 of 11,
8 line 5.

9 (3) Unbilled Revenues: The Company excluded unbilled revenues from the
10 earnings sharing calculation consistent with the methodology applied in
11 Docket No. 3401. This resulted in a decrease to operating revenues of
12 \$2,012,377 as shown on Attachment MDL-1, page 2 of 11, line 10.

13 (4) Inventory Financing: The Company has removed stored gas inventory from
14 rate base and eliminated carrying costs on stored gas inventory from revenues.
15 This resulted in a decrease to operating revenues of \$3,302,599, representing
16 the amount of stored gas inventory carrying costs recorded as revenue during
17 FY2007, as shown on Attachment MDL-1, page 2 of 11, line 11.

18 (5) Customer Hold Harmless Credit: The Company has included in this ESM
19 calculation a proposed customer hold harmless credit associated with a change
20 in rate base as a result of National Grid's asset purchase from New England

1 Gas Company. As shown on Attachment MDL-2, this hold harmless proposal
2 is intended to provide customers an economically equivalent credit to offset the
3 revenue requirement increase which results from a tax basis step-up realized by
4 the Company at the time of the asset purchase along with the recognition of
5 deferred Investment Tax Credits (“ITCs”) at the time of the asset purchase.
6 Both the tax basis step-up and recognition of deferred ITCs create an increase
7 in the Company’s rate base as compared to the rate base of New England Gas
8 Company for the same assets assuming the acquisition did not take place. As
9 detailed in Attachment MDL-2, the hold harmless credit is based on the net
10 present value of the difference in revenue requirement related to the tax basis
11 step-up and deferred ITC recognition resulting from the asset purchase versus
12 the revenue requirement assuming the acquisition did not take place. The net
13 present value of these annual return differences is then amortized, with return,
14 over a proposed 20 year period commencing January 1, 2007 to arrive at a
15 levelized annual customer hold harmless credit of \$2,933,118 (see Attachment
16 MDL-2, Page 1 of 4, Column (h)). As shown on Attachment MDL-1, page 2
17 of 11, line 12, this ESM calculation includes a hold harmless credit of
18 \$1,466,559, equal to one half of the 2007 annual amount, or for the period
19 January 1, 2007 through June 30, 2007. The revenue requirement credit for
20 these items for the period July 1, 2006 through December 31, 2006 is included
21 in the rate base calculation as shown on MDL-1, page 5 of 11, lines 15 and 16,

1 respectively. The Company proposes to continue to include this annual hold
2 harmless credit in regulated earnings reports and revenue requirement
3 calculations for the full 20 year amortization period, or through December 31,
4 2026.

5 *Expense and Interest Adjustments:*

6 (1) Corporate Allocation: The Company no longer requires an adjustment for
7 corporate allocation of overhead expenses. In prior ESM submissions, this
8 item represented New England Gas Company's share of Southern Union
9 Company's corporate allocations. These Southern Union Company corporate
10 allocations were not actually recorded on the books of New England Gas
11 Company but rather simply included in regulatory earnings as a line item
12 adjustment to operating income. Conversely, National Grid corporate-related
13 costs from National Grid USA Service Company are directly charged or
14 allocated to the appropriate income statement accounts of the Company,
15 pursuant to the appropriate allocation methodologies, and are therefore
16 recorded on the books of the Company. Consequently, since operating income
17 as presented on the Company's financial statements already includes corporate
18 allocations, no line item adjustment is necessary as shown on Attachment
19 MDL-1, page 2 of 11, line 22.

- 1 (6) Savings Imputed in Base Rates: In accordance with the Settlement Agreement,
2 the Company included the investors' share of annual net merger savings, or
3 \$2,049,000, in operating expenses (Section II.F.3), as shown on Attachment
4 MDL-1, page 2 of 11, line 31.
- 5 (7) Costs to Achieve: The Company has eliminated \$3,766,721 in costs to achieve
6 merger synergies ("CTA") recorded during FY2007 associated with its
7 acquisition of New England Gas Company and the National Grid/KeySpan
8 merger as shown on Attachment MDL-1, page 2 of 11, line 32. The rate
9 treatment of CTA and their resulting synergy savings are matters for
10 consideration when the Company files its future rate plan.
- 11 (8) Lobbying: The Company has appropriately classified its lobbying-related
12 costs as non-operating and excluded these amounts from the ESM calculation.
- 13 (9) Pawtucket Mercury Release: Southern Union Company assumed all liabilities
14 related to the Pawtucket mercury-release incident and recorded all costs
15 incurred during the period July 1, 2006 through August 23, 2006 below the
16 line. Consequently, there are no expenses related to the Pawtucket mercury-
17 release incident included in operating income for the purpose of calculating the
18 earnings sharing.

1 (10) Other Interest: For other interest expense, the Company included only those
2 costs associated with customer deposits. All other charges not considered as a
3 normal part of the gas distribution business were recorded below the line and
4 not included in the ESM calculation.

5 **Q. HAS THE COMPANY UPDATED ITS CALCULATION OF ACCUMULATED**
6 **DEFERRED INCOME TAX (“ADIT”)?**

7 A. As a result of National Grid’s asset purchase from New England Gas Company, the
8 Company realized a tax basis step-up for the assets acquired. This step-up in tax basis
9 resulted in a total tax basis for the assets acquired which equaled the net book basis for
10 those same assets. Consequently, at the time of acquisition, the Company’s book/tax
11 timing difference, which gives rise to deferred tax liabilities, was equal to zero and
12 therefore the Company recorded no accumulated deferred taxes on its balance sheet.
13 Effective with Southern Union Company ownership in 2000, all deferred tax
14 provisions associated with New England Gas Company operations were recorded on
15 the books of the parent company and not on the balance sheet of New England Gas
16 Company. However, commencing with the National Grid acquisition on August 24,
17 2006, the Company began recording deferred tax liabilities, due primarily to the
18 difference in book versus tax depreciation rates. The Company will continue to record
19 deferred tax provisions related to the assets acquired as well as on investments in
20 Company assets post-acquisition. Consequently, the Company’s financials for
21 FY2007 include actual deferred tax provisions recorded by the Company through June

1 30, 2007. As discussed earlier, the Company has proposed a separate hold harmless
2 credit intended to keep customers economically indifferent to this pre- versus post-
3 acquisition rate base impact.

4 **Q. WERE THERE ANY OTHER ACCOUNTING ADJUSTMENTS MADE AS A**
5 **RESULT OF THE MERGER WITH NATIONAL GRID WHICH YOU**
6 **WOULD LIKE TO DISCUSS?**

7 A. Yes. Pursuant to purchase accounting rules, at the time of an asset purchase, pension
8 plan and post-retirement benefit plan assets and liabilities must be valued at fair value
9 and all unrecognized gains or losses must be recognized immediately. As indicated in
10 Docket No. D-06-13, National Grid proposed to defer the immediate recognition of
11 New England Gas Company's pension plan and post-retirement benefit plan
12 unrecognized amounts and to amortize the deferred amount over the same period New
13 England Gas Company used to determine pension and post-retirement benefit
14 expenses in accordance with Financial Accounting Standards Board Statement No. 87
15 ("FAS87") and Financial Accounting Standards Board Statement No. 106
16 ("FAS106"), respectively. This treatment is consistent with the previously
17 Commission approved treatment of deferrals of unrecognized pension plan and post-
18 retirement plan gains and losses at the time of the New England Electric System and
19 Eastern Utilities Associates mergers.

1 **Q. WHAT WAS THE RESULT OF THE FAIR VALUATION OF THE NEW**
2 **ENGLAND GAS COMPANY’S PENSION PLAN AND POST-RETIREMENT**
3 **BENEFIT PLAN?**

4 A. Based on the fair valuation at the time of acquisition by National Grid, the New
5 England Gas Company pension plan and post-retirement benefit plan had
6 unrecognized losses and prior service costs totaling \$64.9 million. The Company
7 deferred the immediate recognition of these unrecognized losses and prior service
8 costs and recorded a regulatory asset for the same amount. The Company is
9 amortizing the regulatory asset to pension expense and post-retirement benefit expense
10 over the average remaining service period of active employees, consistent with how
11 these items would have been recognized pursuant to FAS87 and FAS106. For
12 FY2007, the Company amortized \$3.4 million and \$1.5 to pension expense and post-
13 retirement benefits expense, respectively.

14 **Q. IS THE COMPANY PROPOSING TO INCLUDE THE REGULATORY ASSET**
15 **ESTABLISHED FOR THE UNRECOGNIZED LOSSES AND PRIOR**
16 **SERVICE COSTS OF NEW ENGLAND GAS COMPANY’S PENSION PLAN**
17 **AND POST-RETIREMENT BENEFIT PLAN IN RATE BASE?**

18 A. No, the Company is not proposing to include this regulatory asset in rate base.

1 **Q. WHAT WAS THE FEDERAL INCOME TAX RATE USED BY THE**
2 **COMPANY TO CALCULATE OPERATING INCOME BEFORE INTEREST**
3 **EXPENSE?**

4 A. The Company calculated federal income taxes at the statutory rate of 35 percent, as
5 shown on Attachment MDL-1, page 3 of 11.

6 **Q. HOW DID THE COMPANY CALCULATE LONG-TERM DEBT INTEREST,**
7 **SHORT-TERM DEBT INTEREST AND PREFERRED STOCK DIVIDENDS?**

8 A. The Settlement Agreement specifies the capital structure to be used in computing the
9 cost of capital (Section II.F.2). The imputed capital structure is as follows:

10	Short-term Debt	8.8%
11	Long-term Debt	45.7%
12	Preferred Stock	1.9%
13	Common Equity	43.6%

14 Further, the Settlement Agreement requires that subsequent to the Rate-Freeze Period,
15 the Company will use the actual cost of long-term debt and the most recent 12-month
16 average cost of short-term debt. Therefore, as shown on Attachment MDL-1, page 4
17 of 11, the Company computed the cost of long-term debt by multiplying rate base
18 applicable to long-term debt times the Company's actual long-term debt rate for
19 FY2007, or 7.82 percent, as calculated in Attachment MDL-1, page 10 of 11.
20 Likewise, the Company computed the cost of short-term debt by multiplying rate base

1 applicable to short-term debt times the 12-month average cost of short-term debt, or
2 5.30 percent, as calculated in Attachment MDL-1, page 11 of 11. This short-term debt
3 rate assumes average monthly National Grid money pool rates as applied to the
4 Company's monthly outstanding short-term debt balances for FY2007. Finally,
5 preferred dividends were calculated by multiplying rate base applicable to preferred
6 stock by 9.93 percent as per the Settlement Agreement (Section II.F.2).

7 **Q. DID THE COMPANY MAKE ANY OTHER CALCULATIONS TO DERIVE**
8 **THE TOTAL NET INCOME AVAILABLE FOR COMMON EQUITY?**

9 A. Yes. In accordance with the Settlement Agreement, the Company included its
10 allowance for funds used during construction in calculating operating income (Section
11 II.F.1).

12 **Q. HOW DID THE COMPANY CALCULATE RATE BASE UNDER THE ESM?**

13 A. As required by the Settlement Agreement, average rate base for the fiscal year ending
14 June 30, 2007 is based on a five-quarter average, as set forth in Attachment MDL-1,
15 page 5 of 11 (Section II.F.1). In conformity with the Settlement Agreement, the
16 Company excluded environmental response costs and prepaid taxes from rate base.
17 However, the Company included construction work in progress in rate base. The
18 Company computed the working capital allowance pursuant to the method approved in
19 Docket No. 2286 (Attachment MDL-1, page 6 of 11), consistent with the FY2005 and

1 FY2006 ESM calculations. The deferred debits in rate base include Y2K costs,
2 amortized at the rate of \$240,000 per year, and exclude costs associated with legacy
3 customer-information systems. The Company also excluded stored gas inventory and
4 customer deposits from the rate base calculation. Finally, as previously discussed, the
5 Company has included accumulated deferred income taxes and ITCs related to pre-
6 acquisition activity, as shown on Attachment MDL-1, page 5 of 11, lines 15 and 16,
7 respectively.

8 **Q. HOW DID THE COMPANY DETERMINE COMMON EQUITY**
9 **APPLICABLE TO RATE BASE?**

10 A. In accordance with the capital structure set forth in Section II.F.2 of the Settlement
11 Agreement, the Company multiplied the average rate base, as discussed above, times
12 43.6 percent to determine common equity applicable to rate base (Attachment MDL-1,
13 page 4 of 11).

14 **Q. PLEASE EXPLAIN THE EARNINGS SHARING CALCULATION ON**
15 **ATTACHMENT MDL-1.**

16 A. Attachment MDL-1, page 1 of 11, calculates the earnings to be shared with customers
17 based on the sharing percentages required in the Settlement Agreement. Lines 1
18 through 3 summarize the calculation of average common equity. Line 5 is the net

1 income available for common equity and Line 6 is the return on common equity for
2 FY2007, or 0.36 percent.

3 Since Line 6 is less than 11.25 percent, the return threshold above which the
4 Company's regulated earnings are shared with customers, no earnings are available for
5 sharing with customers for FY2007.

6 **Q. HAS THE COMPANY COMPLETED THE FY2007 FERC FORM No. 2?**

7 A. No, the FY2007 FERC Form No. 2, which is Attachment MDL-3 to this testimony, is
8 in the final review stage and will be submitted under separate cover no later than
9 September 7, 2007.

10 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

11 A. Yes.

**National Grid
Earnings Sharing Calculation
For the Twelve Months ended June 30, 2007**

1	Average Rate Base	Rate Base L25	\$ 273,026,475
2	Equity Component of Rate Base	Capital Structure L8	43.60%
3	Average Common Equity	(L1 * L2)	<u>\$ 119,039,543</u>
4			
5	Net Income Available for Common Stock	Income Statement L61	\$ 430,848
6	Return on Common Equity	(L3 / L5)	<u>0.36%</u>
7			
8	Return on Equity > 11.25% and <12.25%	(Lesser of 1% or L6 - 11.25%)	0.00%
9	Earnings to be Shared	(L3 * L8)	\$ -
10	Earnings to Customers - 50%	(L9 * 50%)	<u>\$ -</u>
11			
12	Return on Equity >12.25 %	(If L6 >12.25%, L6 - 12.25%)	0.00%
13	Earnings to be Shared	(L3 * L12)	\$ -
14	Earnings to Customers - 75%	(L13 * 75%)	<u>\$ -</u>
15			
16	Total After tax Earnings Credited to Customers	(L10 + L14)	<u>\$ -</u>
17			
18	Total Earnings Credited to DAC	(L16 / 65%)	<u>\$ -</u>

National Grid
Income Statement
For the Twelve Months ended June 30, 2007

1	<u>Operating Revenues</u>		
2	Total Firm Gas	\$	437,026,645
3	Transportation		13,731,223
4	Other Revenues		1,901,999
5	Company Portion Non-Firm Margin		(1,103,169)
6	Total Operating Revenues		<u>451,556,698</u>
7			
8	<i>Adjustment to Operating Revenue:</i>		
9	FY2006 ESM		0
10	Unbilled Revenues		(2,012,377)
11	Inventory Financing		(3,302,599)
12	Customer Hold Harmless Credit		1,466,559
13	Total Adjusted Operating Revenues		<u>447,708,281</u>
14			
15	<u>Operating Expenses</u>		
16	Production (Gas Costs)		300,163,732
17	Storage		1,231,703
18	Distribution		27,421,059
19	Customer Accounts		21,880,660
20	Sales		148,340
21	Administrative and General		40,233,336
22	Corporate Allocation		- 1/
23	Accrued Health, Safety and Environmental Study		191,500
24	Incentive Payments		(252,889) 2/
25	Total Operating Expenses		<u>391,017,441</u>
26			
27	<i>Adjustments to Operating Expense:</i>		
28	Asset Management Incentive		234,882
29	Gas Procurement Incentive / (Penalty)		114,549
30	Unbilled Gas Costs		(1,695,427)
31	Savings Imputed in Base Rates		2,049,000
32	Costs to Achieve		(3,766,721)
33	Total Operating Expenses		<u>387,953,724</u>
34			
35	<u>Other Expenses</u>		
36	Depreciation and Amortization		22,266,681
37	Local and Other Taxes		9,715,362
38	Revenue Related Taxes (Gross Earnings Tax - GET)		15,238,646
39	Federal Income Taxes @ 35%		509,367
40	Total Other Expenses		<u>47,730,055</u>
41			
42	Income Before Interest Expense	\$	<u>12,024,501</u>
43			
44	<u>Interest Expense</u>		
45	Short-Term Debt		1,274,507
46	Long-Term Debt		9,757,256
47	Other Interest Expense		139,869
48	AFUDC		(93,098)
49	Total Interest Expense		<u>11,078,534</u>
50			
51	Net Income / (Loss)	\$	<u>945,967</u>
52			
53	Preferred Dividends		<u>515,119</u>
54			
55	Net Income / (Loss) Applicable to Common Equity	\$	<u><u>430,848</u></u>

1/ Corporate allocations from Southern Union Company were not recorded on the books of New England Gas Company but rather simply included in regulatory earnings as a line item adjustment to operating income. Conversely, corporate allocations from National Grid USA Service Company are directly charged or allocated to the appropriate Narragansett Gas Company accounts and are recorded in earnings.

2/ Post acquisition by National Grid, executive level incentive compensation payments are recorded to other income and deductions as below-the-line expense.

National Grid
Federal Income Tax Calculation
For the Twelve Months ended June 30, 2007

1	Operating Revenues	\$	447,708,281
2			
3	Less:		
4			
5	Operating Expenses		387,953,724
6	Depreciation and Amortization		22,266,681
7	Local and Other Taxes		9,715,362
8	Revenue Related Taxes (GET)		15,238,646
9	Interest - Short-Term Debt		1,274,507
10	Interest - Long-Term Debt		9,757,256
11	Other Interest		139,869
12	AFUDC		(93,098)
13			
14	Total Deductions	\$	446,252,947
15			
16	Taxable Income	\$	1,455,334
17			
18	Federal Income Tax Rate		35%
19			
20	Federal Income Tax Expense	\$	509,367

National Grid
Applicable Capital Structure, Interest Expense and Preferred Dividends
For the Twelve Months ended June 30, 2007

	%	\$
1 Rate Base		<u>\$ 273,026,475</u>
2		
3 Capital Structure		
4		
5 Short-Term Debt	8.8%	\$ 24,026,330
6 Long-Term Debt	45.7%	124,773,099
7 Preferred Stock	1.9%	5,187,503
8 Common Equity	43.6%	119,039,543
9	<u>100.0%</u>	<u>\$ 273,026,475</u>
10 Interest Expense		
11		
12		
13 Long-Term Debt Portion	45.7%	\$ 124,773,099
14		
15 Cost of Long-Term Debt June 2007		7.82%
16		
17 Porforma Long-Term Debt Interest for the 12 Months Ended June 2007		<u>\$ 9,757,256</u>
18		
19		
20		
21 Short-Term Debt Portion	8.8%	\$ 24,026,330
22		
23 Cost of Short-Term Debt June 2007		5.30%
24		
25 Porforma Short-Term Debt Interest for the 12 Months Ended June 2007		<u>\$ 1,274,507</u>
26		
27 Preferred Dividends		
28		
29		
30 Preferred Stock Portion	1.9%	\$ 5,187,503
31		
32 Cost of Preferred Stock		9.93%
33		
34 Proforma Preferred Stock for the 12 Months Ended June 2007		<u>\$ 515,119</u>

National Grid
Rate Base
Five Quarter Average June 2007

	JUNE 2006	SEPTEMBER 2006	DECEMBER 2006	MARCH 2007	JUNE 2007	AVERAGE JUNE 2007
1 Gas Plant In Service	\$ 526,689,514	\$ 528,700,031	\$ 533,985,318	\$ 537,564,582	\$ 542,644,961	\$ 533,916,881
2 Less: Accumulated Depreciation	240,771,770	251,865,747	256,305,687	259,824,451	264,228,233	254,599,178
3 Less: Contribution in Aid of Construction	1,274,886	1,570,618	950,237	428,480	107,034	866,251
4 Less: Environmental	8,034,814	0	0	0	0	1,606,963
5						
6 Net Plant	276,608,044	275,263,666	276,729,395	277,311,651	278,309,694	276,844,490
7						
8 Materials and Supplies	2,786,582	2,057,937	2,001,577	2,214,746	2,256,465	2,263,461
9 Prepaid Expenses, Excluding Taxes	540,772	396,640	202,117	202,117	105,119	289,353
10 Deferred Debits	2,100,000	2,040,000	1,980,000	1,920,000	1,860,000	1,980,000
11 Cash Working Capital	14,081,448	14,113,736	14,113,736	14,113,736	14,113,736	14,107,278
12						
13 Subtotal	19,508,802	18,608,312	18,297,430	18,450,599	18,335,320	18,640,093
14						
15 Accumulated Deferred FIT	34,840,773	34,842,985	17,422,599	(70,800)	(102,800)	17,386,551
16 Accumulated Deferred ITC	1,235,254	1,184,112	566,485	0	0	597,170
17 Customer Deposits	3,240,343	3,330,941	3,604,680	3,705,519	3,707,823	3,517,861
18 Injuries and Damages Reserve	1,582,622	800,000	800,000	800,000	800,000	956,524
19						
20 Subtotal	40,898,992	40,158,038	22,393,764	4,434,719	4,405,023	22,458,107
21						
22 Rate Base	\$ 255,217,854	\$ 253,713,941	\$ 272,633,061	\$ 291,327,531	\$ 292,239,990	\$ 273,026,475

National Grid
Cash Working Capital Calculation
For the Twelve Months ended June 30, 2007

1	Gas Costs	\$	300,163,732
2	Operating Expenses		90,662,209
3	Payroll Taxes		3,205,185
4	Property Taxes		6,297,063
5	State Taxes Other		213,114
6	Revenue Related Taxes (GET)		15,238,646
7	Federal Taxes		
8	Total	\$	<u>415,779,949</u>
9			
10	Daily Cash Requirement	\$	1,139,123
11			
12	Net Lag		12.39
13			
14	Total Working Capital	\$	<u><u>14,113,736</u></u>

National Grid
Detail Other Revenue
For the Twelve Months ended June 30, 2007

1	Rent from Gas Property	\$	261,000
2	Displacement Revenue		829,836
3	Other Revenue		115,308
4	Interest on Customer Arrears		677,665
5	Interest on Customer Arrears - LDCM		18,190
6			
7	Total Other Revenue	\$	<u>1,901,999</u>

National Grid
Detail Other Interest Expense
For the Twelve Months ended June 30, 2007

1	Interest on Customer Deposits	\$	139,869
2			
3	Total Other Interest Expense	<u>\$</u>	<u>139,869</u>

National Grid
Detail Non-Operating Income / (Expense)
For the Twelve Months ended June 30, 2007

1	Service Contract Revenue	\$	776,512
2	Interest on Payment re: Asset Sale Price True-up		761,035
3	Asset Management and Gas Procurement Incentives		349,431
4	Prior-Period Balance Sheet True-up in Connection with Sale		331,704
5	Deferred Compensation - Life Insurance		138,978
6	Pawtucket Mercury Release Costs		(716,074)
7	Federal Income Taxes on Non-Operating Income		(480,300)
8	Lobbying / Legal and Political Expense		(119,446)
9	Penalties		(66,029)
10	Other Non-Operating Income / (Expense)		<u>(21,099)</u>
11			
12		\$	<u><u>954,713</u></u>

**National Grid
Calculation of Average Long-Term Debt Interest Rate
For the Twelve Months ended June 30, 2007**

<u>Description</u>	<u>Average Long-Term Debt Balance</u>	<u>Rate</u>	<u>Long-Term Interest Expense</u>
1 Providence Gas FMB M (Annual sinking fund 7/1 \$273,500)	\$ 566,750	10.25%	\$ 58,092
2 Providence Gas FMB S	14,464,000	6.82%	986,445
3 Providence Gas FMB N	10,000,000	9.63%	963,000
4 Providence Gas FMB O	12,500,000	8.46%	1,057,500
5 Providence Gas FMB P (Annual sinking fund 9/30 \$625,000)	10,156,250	8.09%	821,641
6 Providence Gas FMB R (Annual sinking fund 12/15 \$750,000)	14,593,750	7.50%	1,094,531
7 Providence Gas FMB T (\$13,462,000 redeemed 2/15/07)	8,413,750	6.50%	546,894
8			
9 Average	<u>\$ 5,891,208</u>		<u>\$ 460,675</u>
10			
11 Totals	<u>\$ 70,694,500</u>	<u>7.82%</u>	<u>\$ 5,528,102</u>

National Grid
Calculation of Average Short-Term Debt Interest Rate
For the Twelve Months ended June 30, 2007

<u>Month</u>	<u>Average Short-Term Debt Balance (a)</u>	<u>Weighted Cost Rate</u>	<u>Short-Term Interest Expense</u>
1 Jul-06	\$ 52,009,677	5.32%	\$ 230,576
2 Aug-06	52,972,581	5.45%	240,584
3 Sep-06	58,380,000	5.37%	261,251
4 Oct-06	47,000,000	5.26%	206,017
5 Nov-06	41,494,167	5.26%	181,883
6 Dec-06	54,836,290	5.27%	240,823
7 Jan-07	49,589,516	5.27%	217,781
8 Feb-07	31,286,607	5.26%	137,140
9 Mar-07	30,751,613	5.26%	134,795
10 Apr-07	22,167,500	5.26%	97,168
11 May-07	11,624,194	5.26%	50,953
12 Jun-07	13,742,500	5.27%	60,352
13			
14 Average	<u>\$ 38,821,220</u>		<u>\$ 171,610</u>
15			
16 Totals	<u>\$ 465,854,645</u>	5.30%	<u>\$ 2,059,320</u>

(a) Average amounts represent Narragansett Electric Company consolidated amounts as the Gas division is not a legal entity and participates in the National Grid money pool as a division of Narragansett Electric

National Grid
Calculation of Revenue Requirement Hold Harmless Credit
Continued Southern Union Ownership vs National Grid Ownership

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	CY	Average	Average		Average	Total	Return @		20
	Year end	Standalone	Post Merger	Difference	Standalone	Hold Harmless	Pre-Tax WACC	NPV @	Annual
		Reserve	Reserve		Unamortized	Basis	11.88%	11.88%	Credits @
					ITC				11.88%
1	2007	34,376,708	726,267	33,650,441	826,118	34,476,559	4,095,815	22,074,590	2,933,118
2	2008	33,039,183	1,655,804	31,383,379	621,550	32,004,929	3,802,186		2,933,118
3	2009	31,128,105	1,966,049	29,162,056	416,982	29,579,038	3,513,990		2,933,118
4	2010	29,779,517	2,048,559	27,730,958	212,414	27,943,372	3,319,673		2,933,118
5	2011	29,552,342	2,710,924	26,841,418	55,065	26,896,483	3,195,302		2,933,118
6	2012	29,607,228	3,471,622	26,135,605		26,135,605	3,104,910		2,933,118
7	2013	29,548,875	4,022,646	25,526,229		25,526,229	3,032,516		2,933,118
8	2014	29,357,241	4,456,614	24,900,627		24,900,627	2,958,194		2,933,118
9	2015	29,147,272	5,078,567	24,068,705		24,068,705	2,859,362		2,933,118
10	2016	28,959,099	6,030,318	22,928,782		22,928,782	2,723,939		2,933,118
11	2017	28,582,388	7,049,416	21,532,971		21,532,971	2,558,117		2,933,118
12	2018	27,984,137	8,086,951	19,897,186		19,897,186	2,363,786		2,933,118
13	2019	27,237,048	9,224,257	18,012,792		18,012,792	2,139,920		2,933,118
14	2020	26,384,854	10,573,742	15,811,112		15,811,112	1,878,360		2,933,118
15	2021	25,326,925	12,051,287	13,275,638		13,275,638	1,577,146		2,933,118
16	2022	24,052,919	13,554,006	10,498,913		10,498,913	1,247,271		2,933,118
17	2023	22,656,912	15,099,275	7,557,637		7,557,637	897,847		2,933,118
18	2024	21,214,812	16,726,161	4,488,651		4,488,651	533,252		2,933,118
19	2025	19,684,498	18,402,282	1,282,216		1,282,216	152,327		2,933,118
20	2026	18,042,035	19,399,411	(1,357,377)		(1,357,377)	(161,256)		2,933,118
21	2027	16,387,885	18,824,214	(2,436,329)		(2,436,329)	(289,436)		0
22	2028	14,753,444	17,126,042	(2,372,598)		(2,372,598)	(281,865)		0
23	2029	13,119,002	15,198,435	(2,079,433)		(2,079,433)	(247,037)		0
24	2030	11,617,601	13,427,210	(1,809,609)		(1,809,609)	(214,982)		0
25	2031	10,295,002	11,866,146	(1,571,144)		(1,571,144)	(186,652)		0
26	2032	9,017,835	10,358,859	(1,341,024)		(1,341,024)	(159,314)		0
27	2033	7,739,911	8,851,569	(1,111,657)		(1,111,657)	(132,065)		0
28	2034	6,606,990	7,516,211	(909,221)		(909,221)	(108,015)		0
29	2035	5,637,199	6,375,095	(737,896)		(737,896)	(87,662)		0
30	2036	4,692,286	5,265,825	(573,539)		(573,539)	(68,136)		0
31	2037	3,769,504	4,184,629	(415,126)		(415,126)	(49,317)		0
32	2038	2,860,820	3,121,971	(261,151)		(261,151)	(31,025)		0
33	2039	1,948,324	2,059,312	(110,988)		(110,988)	(13,185)		0
34	2040	1,098,507	1,077,374	21,133		21,133	2,511		0
35	2041	655,945	583,309	72,636		72,636	8,629		0
36	2042	551,981	496,394	55,587		55,587	6,604		0
37	2043	445,190	410,262	34,928		34,928	4,149		0
38	2044	343,128	333,181	9,947		9,947	1,182		0
39	2045	244,642	255,351	(10,709)		(10,709)	(1,272)		0
40	2046	174,594	191,022	(16,428)		(16,428)	(1,952)		0
41	2047	148,252	163,038	(14,787)		(14,787)	(1,757)		0
42	2048	136,211	148,886	(12,675)		(12,675)	(1,506)		0
43	2049	124,170	134,734	(10,563)		(10,563)	(1,255)		0
44	2050	112,130	120,581	(8,452)		(8,452)	(1,004)		0
45	2051	100,089	106,429	(6,340)		(6,340)	(753)		0
46	2052	88,048	92,277	(4,228)		(4,228)	(502)		0
47	2053	76,008	78,124	(2,117)		(2,117)	(251)		0
48	2054	34,994	35,524	(530)		(530)	(63)		0

Column Notes:

- (a) See Page 2 of 4, Column (f).
- (b) See Page 3 of 4, Column (f).
- (c) Column (a) minus Column (b).
- (d) See Page 3 of 4, Column (f).
- (e) Column (c) plus Column (d).
- (f) Column (e) times WACC of 11.88%.
- (g) 2007 NPV of Column (f) discounted at WACC of 11.88%.
- (h) Year levelized payment stream of NPV with return equal to WACC of 11.88%.

National Grid
Projected Deferred Tax Schedule
Assuming Continued Southern Union Ownership

	(a)	(b)	(c)	(d)	(e)	(f)
Calendar Year	Projected Tax Depreciation	Projected Book Depreciation	Tax Over (Under) Book	Projected Def. Inc. Tax Provision	Standalone Def. Inc. Tax Reserve	Average Reserve
1 08/24/2006		-	-		34,840,773	1/
2 2006	6,255,390	6,242,376	13,014	4,425	34,845,198	
3 2007	15,959,033	18,714,855	(2,755,822)	(936,979)	33,908,218	34,376,708
4 2008	13,456,995	18,568,966	(5,111,971)	(1,738,070)	32,170,148	33,039,183
5 2009	11,637,685	17,767,353	(6,129,668)	(2,084,087)	30,086,061	31,128,105
6 2010	10,813,961	12,617,161	(1,803,200)	(613,088)	29,472,973	29,779,517
7 2011	9,980,345	9,513,473	466,872	158,736	29,631,710	29,552,342
8 2012	9,281,411	9,425,423	(144,012)	(48,964)	29,582,746	29,607,228
9 2013	8,374,150	8,573,390	(199,240)	(67,742)	29,515,004	29,548,875
10 2014	7,607,834	8,535,854	(928,017)	(315,526)	29,199,478	29,357,241
11 2015	6,740,532	7,047,629	(307,097)	(104,413)	29,095,065	29,147,272
12 2016	5,999,829	6,799,627	(799,798)	(271,931)	28,823,134	28,959,099
13 2017	5,294,426	6,710,579	(1,416,153)	(481,492)	28,341,642	28,582,388
14 2018	4,604,390	6,707,359	(2,102,969)	(715,009)	27,626,632	27,984,137
15 2019	3,919,595	6,211,265	(2,291,670)	(779,168)	26,847,465	27,237,048
16 2020	2,924,234	5,645,472	(2,721,238)	(925,221)	25,922,244	26,384,854
17 2021	2,068,535	5,570,408	(3,501,873)	(1,190,637)	24,731,607	25,326,925
18 2022	1,527,218	5,519,497	(3,992,279)	(1,357,375)	23,374,232	24,052,919
19 2023	1,137,898	5,357,427	(4,219,529)	(1,434,640)	21,939,592	22,656,912
20 2024	847,608	5,111,021	(4,263,413)	(1,449,560)	20,490,032	21,214,812
21 2025	372,587	5,111,021	(4,738,434)	(1,611,067)	18,878,964	19,684,498
22 2026	141,292	5,064,407	(4,923,115)	(1,673,859)	17,205,105	18,042,035
23 2027	136,619	4,943,797	(4,807,178)	(1,634,441)	15,570,665	16,387,885
24 2028	136,618	4,943,797	(4,807,179)	(1,634,441)	13,936,224	14,753,444
25 2029	136,610	4,943,797	(4,807,187)	(1,634,444)	12,301,780	13,119,002
26 2030	136,614	4,161,195	(4,024,581)	(1,368,358)	10,933,422	11,617,601
27 2031	136,615	3,892,029	(3,755,414)	(1,276,841)	9,656,582	10,295,002
28 2032	134,695	3,892,029	(3,757,334)	(1,277,493)	8,379,088	9,017,835
29 2033	132,163	3,892,029	(3,759,866)	(1,278,354)	7,100,734	7,739,911
30 2034	127,191	3,031,570	(2,904,379)	(987,489)	6,113,245	6,606,990
31 2035	119,642	2,919,916	(2,800,274)	(952,093)	5,161,152	5,637,199
32 2036	114,155	2,872,191	(2,758,036)	(937,732)	4,223,420	4,692,286
33 2037	109,322	2,779,418	(2,670,096)	(907,833)	3,315,587	3,769,504
34 2038	104,315	2,779,418	(2,675,103)	(909,535)	2,406,052	2,860,820
35 2039	86,897	2,779,418	(2,692,521)	(915,457)	1,490,595	1,948,324
36 2040	69,073	2,375,475	(2,306,402)	(784,177)	706,419	1,098,507
37 2041	40,898	337,799	(296,901)	(100,946)	605,472	655,945
38 2042	23,147	337,799	(314,652)	(106,982)	498,490	551,981
39 2043	20,336	333,868	(313,532)	(106,601)	391,890	445,190
40 2044	5,673	292,503	(286,830)	(97,522)	294,367	343,128
41 2045	-	292,503	(292,503)	(99,451)	194,916	244,642
42 2046	-	119,541	(119,541)	(40,644)	154,272	174,594
43 2047		35,414	(35,414)	(12,041)	142,231	148,252
44 2048		35,414	(35,414)	(12,041)	130,191	136,211
45 2049		35,414	(35,414)	(12,041)	118,150	124,170
46 2050		35,414	(35,414)	(12,041)	106,109	112,130
47 2051		35,414	(35,414)	(12,041)	94,069	100,089
48 2052		35,414	(35,414)	(12,041)	82,028	88,048
49 2053		35,414	(35,414)	(12,041)	69,987	76,008
50 2054		205,845	(205,845)	(69,987)	(0)	34,994
51						
52 Total	<u>130,715,531</u>	<u>233,188,393</u>				

Column Notes:

- (a) Projected tax depreciation stream per Southern Union.
- (b) Projected book/tax depreciation stream based on current book depreciation rates.
- (c) Column (a) minus Column (b).
- (d) Column (c) times 35%.
- (e) Prior year Column (e) plus current year Column (d).
- (f) Beginning/Ending year average.

1/ New England Gas Company regulatory deferred tax reserve per ESM Filing dated September 1, 2006.

National Grid
Projected Deferred Tax Schedule
Assuming National Grid Ownership

	(a)	(b)	(c)	(d)	(e)	(f)
Calendar Year	Projected Tax Depreciation	Projected Book Depreciation	Tax Over (Under) Book	Projected Def. Inc. Tax Provision	Post Merger Def. Inc. Tax Reserve	Average Reserve
1 08/22/2007		-	-		0	
2 2006	7,987,820	7,357,990	629,830	214,142	214,142	
3 2007	25,009,548	21,997,049	3,012,500	1,024,250	1,238,392	726,267
4 2008	24,280,937	21,825,573	2,455,363	834,824	2,073,216	1,655,804
5 2009	20,252,981	20,883,375	(630,394)	(214,334)	1,858,882	1,966,049
6 2010	15,945,696	14,829,947	1,115,749	379,355	2,238,237	2,048,559
7 2011	13,962,449	11,181,937	2,780,512	945,374	3,183,611	2,710,924
8 2012	12,772,632	11,078,445	1,694,187	576,024	3,759,634	3,471,622
9 2013	11,624,111	10,076,984	1,547,127	526,023	4,285,657	4,022,646
10 2014	11,038,489	10,032,860	1,005,629	341,914	4,627,571	4,456,614
11 2015	10,936,551	8,283,636	2,652,915	901,991	5,529,562	5,078,567
12 2016	10,937,760	7,992,139	2,945,621	1,001,511	6,531,073	6,030,318
13 2017	10,936,551	7,887,474	3,049,077	1,036,686	7,567,759	7,049,416
14 2018	10,937,760	7,883,689	3,054,071	1,038,384	8,606,143	8,086,951
15 2019	10,936,551	7,300,591	3,635,960	1,236,226	9,842,370	9,224,257
16 2020	10,937,760	6,635,570	4,302,190	1,462,745	11,305,115	10,573,742
17 2021	10,936,592	6,547,342	4,389,250	1,492,345	12,797,460	12,051,287
18 2022	10,937,774	6,487,501	4,450,273	1,513,093	14,310,553	13,554,006
19 2023	10,936,551	6,297,007	4,639,544	1,577,445	15,887,997	15,099,275
20 2024	10,937,760	6,007,387	4,930,374	1,676,327	17,564,324	16,726,161
21 2025	10,936,551	6,007,387	4,929,164	1,675,916	19,240,240	18,402,282
22 2026	6,888,899	5,952,598	936,300	318,342	19,558,582	19,399,411
23 2027	1,491,023	5,810,836	(4,319,813)	(1,468,736)	18,089,846	18,824,214
24 2028	141,403	5,810,836	(5,669,433)	(1,927,607)	16,162,239	17,126,042
25 2029	141,403	5,810,836	(5,669,433)	(1,927,607)	14,234,632	15,198,435
26 2030	141,444	4,890,982	(4,749,538)	(1,614,843)	12,619,789	13,427,210
27 2031	141,417	4,574,609	(4,433,192)	(1,507,285)	11,112,504	11,866,146
28 2032	141,403	4,574,609	(4,433,206)	(1,507,290)	9,605,214	10,358,859
29 2033	141,403	4,574,609	(4,433,206)	(1,507,290)	8,097,924	8,851,569
30 2034	141,403	3,563,244	(3,421,841)	(1,163,426)	6,934,498	7,516,211
31 2035	141,403	3,432,008	(3,290,605)	(1,118,806)	5,815,692	6,375,095
32 2036	141,403	3,375,913	(3,234,510)	(1,099,733)	4,715,959	5,265,825
33 2037	141,403	3,266,870	(3,125,467)	(1,062,659)	3,653,300	4,184,629
34 2038	141,403	3,266,870	(3,125,467)	(1,062,659)	2,590,641	3,121,971
35 2039	141,403	3,266,870	(3,125,467)	(1,062,659)	1,527,983	2,059,312
36 2040	141,444	2,792,083	(2,650,639)	(901,217)	626,765	1,077,374
37 2041	141,417	397,042	(255,625)	(86,913)	539,853	583,309
38 2042	141,403	397,042	(255,639)	(86,917)	452,935	496,394
39 2043	141,403	392,421	(251,018)	(85,346)	367,589	410,262
40 2044	141,403	343,802	(202,399)	(68,816)	298,773	333,181
41 2045	88,377	343,802	(255,426)	(86,845)	211,929	255,351
42 2046	17,524	140,507	(122,982)	(41,814)	170,115	191,022
43 2047	-	41,625	(41,625)	(14,152)	155,962	163,038
44 2048	-	41,625	(41,625)	(14,152)	141,810	148,886
45 2049	-	41,625	(41,625)	(14,152)	127,658	134,734
46 2050	-	41,625	(41,625)	(14,152)	113,505	120,581
47 2051		41,625	(41,625)	(14,152)	99,353	106,429
48 2052		41,625	(41,625)	(14,152)	85,200	92,277
49 2053		41,625	(41,625)	(14,152)	71,048	78,124
50 2054		208,965	(208,965)	(71,048)	0	35,524
51						
52 Total	<u>274,072,607</u>	<u>274,072,607</u>				

Column Notes:

- (a) Projected tax depreciation stream per National Grid Power Tax system.
- (b) Projected National Grid book depreciation stream based on current book depreciation rates.
- (c) Column (a) minus Column (b).
- (d) Column (c) times 35%.
- (e) Prior year Column (e) plus current year Column (d).
- (f) Beginning/Ending year average.

**National Grid
Projected Unamortized ITC balances
Assuming Continued Southern Union Ownership National Grid Ownership**

		(a)	(b)		(c)	(d)
	<u>Date</u>	<u>Beg. Year Balance</u>	<u>ITC Amortization</u>		<u>Year End Balance</u>	<u>Average Balance</u>
1	06/30/06	1,235,254	102,284	1/	1,132,970	
2	12/31/06	1,132,970	204,568		928,402	
3	12/31/07	928,402	204,568		723,834	826,118
4	12/31/08	723,834	204,568		519,266	621,550
5	12/31/09	519,266	204,568		314,698	416,982
6	12/31/10	314,698	204,568		110,130	212,414
7	12/31/11	110,130	110,130		0	55,065

Column Notes:

(a) Prior Year Column (c) June 30, 2006 balance per ESM filing dated September 1, 2006.

(b) Annual ITC amortization per ESM filing dated September 1, 2006.

(c) Column (a) minus Column (b).

(d) Beginning/Ending year average.

1/ Equals six months of annual amortization amount.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION**

NATIONAL GRID

SUPPLEMENTAL TESTIMONY

OF

PETER C. CZEKANSKI

DOCKET NO. 3859

September 4, 2007

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Peter C. Czekanski. My business address is 100 Weybosset Street,
3 Providence, RI 02903.

4 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN THIS DOCKET?**

5 A. Yes. I previously submitted pre-filed testimony in this docket on August 1, 2007.

6 **Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY?**

7 A. The purpose of this supplemental testimony is to provide a proposed Distribution
8 Adjustment Charge (“DAC”) for effect November 1, 2007. Specifically, this
9 testimony will (1) describe updates to various DAC components that were included in
10 the August 1, 2007 filing on a preliminary basis, (2) incorporate the Earnings Sharing
11 calculation for the fiscal year ending June 30, 2007, and (3) show the calculation of
12 the proposed DAC.

13 **Q. ARE YOU SPONSORING ANY ATTACHMENTS TO YOUR TESTIMONY?**

14 A. Yes. I am sponsoring the following Attachments:

15	Updated PCC-1	Summary of Distribution Adjustment Charges
16	Updated PCC-2	System Pressure
17	Updated PCC-7	DAC Reconciliation
18	PCC-8	Customer Bill Impacts

1 **Q. ARE THERE ANY UPDATES TO THE VARIOUS DAC COMPONENTS**
2 **THAT WERE INCLUDED IN THE AUGUST 1, 2007 FILING?**

3 A. Yes. There are updates to the system pressure calculation and to the DAC
4 reconciliation component.

5 **Q. WHAT CHANGED WITH THE SYSTEM PRESSURE CALCULATION?**

6 A. The liquefied natural gas (“LNG”) commodity related costs used in the August 1,
7 2007 system pressure calculation were based on preliminary cost estimates. These
8 costs are now being updated to correspond with the LNG costs included in the
9 Company’s September 1, 2007 Gas Cost Recovery (“GCR”) filing. Whereas the
10 preliminary LNG commodity related costs allocated to the DAC were \$1,899,061, the
11 final projected costs are \$1,443,315. Updated Attachment PCC-2 shows the
12 calculation of a System Pressure Factor of \$0.0042 per therm.

13 **Q. WHAT HAS BEEN REVISED ON ATTACHMENT PCC-7?**

14 A. Attachment PCC-7 shows the reconciliation of actual costs and revenues with the
15 previous projections. Whereas the August 1st DAC filing was based on actual
16 throughput through June 2007 and forecasted throughput for July through October,
17 Updated Attachment PCC-7 has been revised to incorporate actual throughput for
18 July 2007 on pages 4 through 6. The net result was a change of the ending balance

1 from \$517,514 to \$511,530, which did not change the reconciliation factor. The
2 proposed reconciliation component is \$0.0015 per therm.

3 **Q. HAS THE COMPANY PERFORMED THE EARNINGS SHARING**
4 **CALCULATION FOR INCLUSION IN THIS FILING?**

5 A. Yes. As required under the provisions of the Commission approved settlement
6 agreement in Docket No. 3401, an earnings sharing calculation for the fiscal year
7 ending June 30, 2007 (“FY2007”) is included in this docket in the testimony of Mr.
8 Michael Laflamme. That calculation shows that the Company’s earnings fell short of
9 the earnings sharing threshold and therefore, there are no FY2007 earnings available
10 for distribution to customers through the DAC.

11 **Q. WHAT IS THE PROPOSED DAC CHARGE INCORPORATING THESE**
12 **VARIOUS UPDATES?**

13 A. The proposed DAC is a credit of \$0.0035 per therm for firm service customers. As
14 the current DAC is a charge of \$0.0003 per therm, this rate represents a net decrease
15 of \$0.0038 per therm. Updated Attachment PCC-1 provides a summary of the
16 various components that underlie the proposed DAC rate.

17 **Q. WHAT IS THE IMPACT OF THE PROPOSED DAC ON CUSTOMERS?**

1 A. The overall impact of the proposed DAC on average residential heating customer bills
2 is an annual decrease of approximately four dollars (\$4) or two-tenths of a percent. A
3 summary of average customer annual bill impacts at various levels of consumption
4 and for the various rate classes is shown on Attachment PCC-8 pages 1 through 4.
5 The bill impact calculations are shown on pages 5 through 20.

6 **Q. DOES THIS CONCLUDE YOUR SUPPLEMENTAL TESTIMONY?**

7 A. Yes.

Updated Summary of Distribution Adjustment Charge
(\$ Per Therm)

Line No.	Description	reference	Factor
1	System Pressure	Attach. PCC2	\$0.0042
2	Advanced Gas Technology Program (AGT)	PCC Testimony	\$0.0000
3	Low Income Assistance Programs (LIAP)	PCC Testimony	\$0.0000
4	Environmental Response Cost (ERC)	Attach. PCC-4	(\$0.0021)
5	On-System Margin Credits (MC)	Attach. PCC-5	(\$0.0095)
6	Weather Normalization (WN)	Attach. PCC-6	\$0.0025
7	Earnings Sharing Mechanism (ESM)	PCC Testimony	\$0.0000
8	Reconciliation Factor (R)	Attach. PCC-7	\$0.0015
9	Subtotal	sum ([1]:[8])	(\$0.0034)
10	Uncollectible Percentage	Dkt 3401	2.10%
11	DAC adjusted for uncollectible	[9] / (1 - [10])	(\$0.0035) per therm

Calculation of System Pressure Factor

	LNG Commodity Related Costs			Total
	Withdrawal Commodity	Inventory Costs	Demand from GCR	
Nov-07	\$169,119	\$68,924	\$276,027	\$514,070
Dec-07	\$188,544	\$72,610	\$276,027	\$537,181
Jan-08	\$851,235	\$70,910	\$276,027	\$1,198,172
Feb-08	\$274,906	\$66,832	\$276,027	\$617,765
Mar-08	\$178,554	\$70,433	\$276,027	\$525,014
Apr-08	\$173,111	\$69,915	\$276,027	\$519,054
May-08	\$178,955	\$69,131	\$276,027	\$524,113
Jun-08	\$174,147	\$74,660	\$276,027	\$524,835
Jul-08	\$180,162	\$74,796	\$276,027	\$530,985
Aug-08	\$180,510	\$74,940	\$276,027	\$531,477
Sep-08	\$174,936	\$74,823	\$276,027	\$525,786
Oct-08	\$180,799	\$73,264	\$276,027	\$530,090
Total	\$2,904,977	\$861,241	\$3,312,324	\$7,078,542
System Balancing Factor (Dkt 3401)	0.2039	0.2039	0.2039	
GCR Costs allocated to DAC	\$592,325	\$175,607	\$675,383	\$1,443,315
Firm Thru-put				34,670,649 dth
System Pressure Factor				\$0.0416 per dth
System Pressure Factor				\$0.0042 per Therm

Distribution Adjustment Charge Reconciliation Factor
(\$ per Therm)

Line No.	Description	reference	Ending Balance	
1	AGT Factor - Base Rates	PCC-7, page 2	\$9,642	Based on ending balance June 30, 2007
2	LIAP Factor - Base Rates	PCC-7, page 2	\$52,840	
3	Environmental - Base Rates	PCC-7, page 3	\$38,590	
4	System Pressure	PCC-7, page 4	\$444,737	Based on forecasted balance October 31, 2007
5	Environmental - DAC	PCC-7, page 4	(\$25,343)	
6	On-System Margin Credits	PCC-7, page 5	(\$85,099)	
7	Weather Normalization	PCC-7, page 5	\$130,726	
8	Earnings Sharing Mechanism	PCC-7, page 5	(\$22,744)	
9	Previous Reconciliation Factor	PCC-7, page 6	(\$31,818)	
10	Total	sum ([1]:[9])	\$511,530	
11	Firm Thru-put	Nov 2007 - Oct 2008	34,670,649 dth	
12	Reconciliation Factor	[10] / [11]	\$0.0148 per dth	
13	Reconciliation Factor	[12] / 10	\$0.0015 per therm	

Distribution Adjustment Charge Reconciliation Factor

Base Rate / Fiscal Year Reconciling Components

source		Jul-06	Aug-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	12-mth end
		31	23	8	30	31	30	31	31	31	28	31	30	31	30
		(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	
DAC FACTORS: \$/dth															
AGT Factor - Base Rates	Dkt 3401	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	\$0.0087	
LIAP Factor - Base Rates	Dkt 3401	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	\$0.0519	
Environmental - Base Rates	Dkt 3401	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	\$0.0379	
RI Firm through-put (dth)	Classified's	1,114,804	796,030	136,103	1,186,760	1,295,025	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	33,590,185
														Target Collection	\$301,496
AGT Recon. Acct Beg. Bal.		\$0	(\$453)	\$338	\$516	(\$11)	\$2,030	\$2,695	\$6,492	\$17,288	\$16,786	\$12,218	\$9,729	\$2,491	
Fcst Firm Thru-put (from rate case Dkt 3401)		1,062,847	886,886	156,509	1,126,112	1,528,945	2,471,545	3,858,840	5,353,921	5,771,059	5,148,808	3,616,705	2,211,777	1,346,413	34,540,367
Fcst AGT Collections		\$9,247	\$7,716	\$1,362	\$9,797	\$13,302	\$21,502	\$33,572	\$46,579	\$50,208	\$44,795	\$31,465	\$19,242	\$11,714	\$300,501
Actual Firm Thru-put		1,114,804	796,030	136,103	1,186,760	1,295,025	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	33,590,185
Actual AGT Collections		\$9,699	\$6,925	\$1,184	\$10,325	\$11,267	\$20,849	\$29,799	\$35,846	\$50,792	\$49,439	\$34,011	\$26,512	\$5,587	\$292,235
Collection Variance		(\$452)	\$791	\$178	(\$528)	\$2,035	\$653	\$3,773	\$10,733	(\$584)	(\$4,644)	(\$2,546)	(\$7,270)	\$6,127	
Ending Balance		(\$452)	\$338	\$516	(\$12)	\$2,024	\$2,683	\$6,468	\$17,225	\$16,704	\$12,142	\$9,672	\$2,459	\$8,618	
Average Balance		(\$226)	(\$58)	\$427	\$252	\$1,007	\$2,356	\$4,581	\$11,859	\$16,996	\$14,464	\$10,945	\$6,094	\$5,555	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$1)	(\$0)	\$1	\$1	\$5	\$12	\$24	\$63	\$81	\$77	\$56	\$32	\$29	\$381
AGT End Balance		(\$453)	\$338	\$516	(\$11)	\$2,030	\$2,695	\$6,492	\$17,288	\$16,786	\$12,218	\$9,729	\$2,491	\$8,647	
														\$9,642	
Under/(over) Recovery		(\$453)	\$791	\$179	(\$527)	\$2,040	\$665	\$3,797	\$10,796	(\$503)	(\$4,567)	(\$2,490)	(\$7,238)	\$6,156	
														Target Collection	\$1,793,901
LIAP Recon. Acct Beg. Bal.		\$0	(\$2,703)	\$2,010	\$3,073	(\$67)	\$12,105	\$16,075	\$38,728	\$103,131	\$100,133	\$72,886	\$58,036	\$14,862	
Fcst Firm Thru-put (from rate case Dkt 3401)		1,062,847	886,886	156,509	1,126,112	1,528,945	2,471,545	3,858,840	5,353,921	5,771,059	5,148,808	3,616,705	2,211,777	1,346,413	34,540,367
Fcst LIAP Collections		\$55,162	\$46,029	\$8,123	\$58,445	\$79,352	\$128,273	\$200,274	\$277,868	\$299,518	\$267,223	\$187,707	\$114,791	\$69,879	\$1,792,644
Actual Firm Thru-put		1,114,804	796,030	136,103	1,186,760	1,295,025	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	33,590,185
Actual LIAP Collections		\$57,858	\$41,314	\$7,064	\$61,593	\$67,212	\$124,375	\$177,766	\$213,840	\$303,002	\$294,928	\$202,893	\$158,158	\$33,328	\$1,743,331
Collection Variance		(\$2,696)	\$4,715	\$1,059	(\$3,148)	\$12,140	\$3,898	\$22,508	\$64,028	(\$3,484)	(\$27,705)	(\$15,186)	(\$43,367)	\$36,551	
Ending Balance		(\$2,696)	\$2,012	\$3,069	(\$75)	\$12,073	\$16,003	\$38,583	\$102,756	\$99,647	\$72,428	\$57,700	\$14,669	\$51,413	
Average Balance		(\$1,348)	(\$346)	\$2,540	\$1,499	\$6,003	\$14,054	\$27,329	\$70,742	\$101,389	\$86,281	\$65,293	\$36,352	\$33,137	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$7)	(\$1)	\$3	\$8	\$32	\$72	\$145	\$376	\$486	\$458	\$335	\$193	\$170	\$2,270
LIAP End Balance		(\$2,703)	\$2,010	\$3,073	(\$67)	\$12,105	\$16,075	\$38,728	\$103,131	\$100,133	\$72,886	\$58,036	\$14,862	\$51,583	
														\$52,840	
Under/(over) Recovery		(\$2,703)	\$4,714	\$1,062	(\$3,140)	\$12,172	\$3,970	\$22,653	\$64,404	(\$2,998)	(\$27,247)	(\$14,851)	(\$43,174)	\$36,721	

Distribution Adjustment Charge Reconciliation Factor

Base Rate / Fiscal Year Reconciling Components														12-mth end	
source	Jul-06 31 (actual)	Aug-06 23 (actual)	Aug-06 8 (actual)	Sep-06 30 (actual)	Oct-06 31 (actual)	Nov-06 30 (actual)	Dec-06 31 (actual)	Jan-07 31 (actual)	Feb-07 28 (actual)	Mar-07 31 (actual)	Apr-07 30 (actual)	May-07 31 (actual)	Jun-07 30 (actual)	Jun 07	
Environmental Recon. Adjust - Base Rates														Target Collection	\$1,310,000
Environmental Recon. Acct Beg. Bal.	\$0	(\$1,974)	\$1,468	\$2,244	(\$48)	\$8,841	\$11,741	\$28,283	\$75,314	\$73,125	\$53,229	\$42,384	\$10,855		
Fcst Firm Thru-put (from rate case Dkt 3401)	1,062,847	886,886	156,509	1,126,112	1,528,945	2,471,545	3,858,840	5,353,921	5,771,059	5,148,808	3,616,705	2,211,777	1,346,413	34,540,367	
Fcst Environmental Collections	\$40,282	\$33,613	\$5,932	\$42,680	\$57,947	\$93,672	\$146,250	\$202,914	\$218,723	\$195,140	\$137,073	\$83,826	\$51,029	\$1,309,081	
Actual Firm Thru-put	1,114,804	796,030	136,103	1,186,760	1,295,025	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	33,590,185	
Actual Environmental Collections	\$42,251	\$30,170	\$5,158	\$44,978	\$49,081	\$90,825	\$129,814	\$156,157	\$221,267	\$215,371	\$148,163	\$115,495	\$24,338	\$1,273,068	
Collection Variance	(\$1,969)	\$3,443	\$774	(\$2,298)	\$8,866	\$2,847	\$16,436	\$46,757	(\$2,544)	(\$20,231)	(\$11,090)	(\$31,669)	\$26,691		
Ending Environmental Balance	(\$1,969)	\$1,469	\$2,242	(\$54)	\$8,818	\$11,688	\$28,177	\$75,040	\$72,770	\$52,894	\$42,139	\$10,715	\$37,546		
Average Balance	(\$985)	(\$253)	\$1,855	\$1,095	\$4,385	\$10,265	\$19,959	\$51,661	\$74,042	\$63,010	\$47,684	\$26,549	\$24,201		
Bk America Rate less 200 Basis Points	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%		
Interest Applied	(\$5)	(\$1)	\$3	\$6	\$23	\$53	\$106	\$274	\$355	\$334	\$245	\$141	\$124	\$1,658	
Environmental End Balance	(\$1,974)	\$1,468	\$2,244	(\$48)	\$8,841	\$11,741	\$28,283	\$75,314	\$73,125	\$53,229	\$42,384	\$10,855	\$37,671		
														\$38,590	
Under/(over) Recovery	(\$1,964)	\$3,444	\$771	(\$2,304)	\$8,843	\$2,794	\$16,330	\$46,483	(\$2,899)	(\$20,565)	(\$11,335)	(\$31,810)	\$26,567		

Distribution Adjustment Charge Reconciliation Factor

		Non-Base Rate / Gas Year Reconciling Components											12-mth end	
source		Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Oct 07
		30	31	31	28	31	30	31	30	31	31	30	31	
		(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	forecast	forecast	forecast	
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
DAC FACTORS: \$/dth		prorated												
System Pressure	Dkt 3760	\$0.0550	\$0.0540	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	\$0.0560	
AGT - DAC	Dkt 3760	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Environmental - DAC	Dkt 3760	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	(\$0.0190)	
On-System Margin Credits	Dkt 3760	(\$0.0370)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	(\$0.0410)	
Weather Normalization	Dkt 3760	(\$0.0090)	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	
Earnings Sharing Mechanism	Dkt 3760	(\$0.0060)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	
Reconciliation Factor	Dkt 3760	\$0.0025	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	(\$0.0090)	
RI Firm through-put (dth)	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
System Pressure Recon Adjust.														
System Pressure Acct Beg. Balance		\$0	(\$29,569)	(\$100,343)	\$22,071	\$297,993	\$352,328	\$235,845	\$176,942	\$253,055	\$301,821	\$361,176	\$412,772	
Actual Costs		\$102,311	\$114,529	\$353,354	\$602,094	\$370,839	\$100,931	\$110,657	\$110,972	\$107,795	\$113,799	\$112,402	\$113,748	\$2,313,431
Actual Collections		\$131,804	\$184,959	\$230,733	\$326,938	\$318,226	\$218,921	\$170,652	\$35,961	\$60,498	\$56,198	\$62,789	\$84,053	\$1,881,732
Ending Balance		(\$29,493)	(\$99,999)	\$22,279	\$297,227	\$350,606	\$234,338	\$175,850	\$251,953	\$300,352	\$359,421	\$410,789	\$442,467	
Average Monthly Balance		(\$14,746)	(\$64,784)	(\$39,032)	\$159,649	\$324,299	\$293,333	\$205,847	\$214,448	\$276,703	\$330,621	\$385,983	\$427,619	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$76)	(\$344)	(\$207)	\$765	\$1,721	\$1,507	\$1,093	\$1,102	\$1,469	\$1,755	\$1,983	\$2,270	\$13,038
Sys Pressure End Balance		(\$29,569)	(\$100,343)	\$22,071	\$297,993	\$352,328	\$235,845	\$176,942	\$253,055	\$301,821	\$361,176	\$412,772	\$444,737	
Under/(over) Recovery		(\$29,569)	(\$70,774)	\$122,414	\$275,921	\$54,335	(\$116,483)	(\$58,902)	\$76,113	\$48,766	\$59,356	\$51,595	\$31,965	
Environmental Recon. Adjust - DAC														
Environmental Acct Beg. Balance	Pricing	(\$650,265)	(\$607,956)	(\$545,933)	(\$470,339)	(\$361,403)	(\$255,065)	(\$181,908)	(\$124,819)	(\$113,228)	(\$93,249)	(\$74,626)	(\$53,652)	
Actual Firm Thru-put	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
Actual Environmental Collections	Calculation	(\$45,532)	(\$65,078)	(\$78,284)	(\$110,925)	(\$107,970)	(\$74,277)	(\$57,900)	(\$12,201)	(\$20,526)	(\$19,067)	(\$21,303)	(\$28,518)	(\$641,581)
Ending Environmental Balance		(\$604,733)	(\$542,878)	(\$467,649)	(\$359,414)	(\$253,433)	(\$180,788)	(\$124,008)	(\$112,618)	(\$92,702)	(\$74,182)	(\$53,323)	(\$25,134)	
Average Monthly Balance		(\$627,499)	(\$575,417)	(\$506,791)	(\$414,877)	(\$307,418)	(\$217,927)	(\$152,958)	(\$118,719)	(\$102,965)	(\$83,715)	(\$63,975)	(\$39,393)	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$3,223)	(\$3,054)	(\$2,690)	(\$1,989)	(\$1,632)	(\$1,119)	(\$812)	(\$610)	(\$547)	(\$444)	(\$329)	(\$209)	(\$16,659)
Environmental Recon End Balance		(\$607,956)	(\$545,933)	(\$470,339)	(\$361,403)	(\$255,065)	(\$181,908)	(\$124,819)	(\$113,228)	(\$93,249)	(\$74,626)	(\$53,652)	(\$25,343)	
Under/(over) Recovery		\$42,309	(\$62,024)	(\$75,594)	(\$108,936)	(\$106,338)	(\$73,158)	(\$57,088)	(\$11,591)	(\$19,979)	(\$18,623)	(\$20,974)	(\$28,309)	

Distribution Adjustment Charge Reconciliation Factor

		Non-Base Rate / Gas Year Reconciling Components											12-mth end	
source		Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Oct 07
		30	31	31	28	31	30	31	30	31	31	30	31	
		(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	forecast	forecast	forecast	
On-system Credits Recon. Adjust. - DAC														
On-system Credit Acct Beg. Balance	Pricing	(\$1,422,220)	(\$1,340,630)	(\$1,206,942)	(\$1,043,970)	(\$809,036)	(\$579,725)	(\$422,010)	(\$298,977)	(\$274,116)	(\$231,160)	(\$191,133)	(\$146,026)	
Actual Firm Thru-put	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
Actual On-system Collections	Calculation	(\$88,668)	(\$140,432)	(\$168,930)	(\$239,366)	(\$232,987)	(\$160,281)	(\$124,942)	(\$26,329)	(\$44,293)	(\$41,145)	(\$45,971)	(\$61,539)	(\$1,374,883)
Ending On-system Balance		(\$1,333,552)	(\$1,200,198)	(\$1,038,012)	(\$804,604)	(\$576,049)	(\$419,444)	(\$297,068)	(\$272,648)	(\$229,823)	(\$190,015)	(\$145,162)	(\$84,487)	
Average Monthly Balance		(\$1,377,886)	(\$1,270,414)	(\$1,122,477)	(\$924,287)	(\$692,542)	(\$499,584)	(\$359,539)	(\$285,812)	(\$251,969)	(\$210,588)	(\$168,148)	(\$115,257)	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$7,078)	(\$6,744)	(\$5,958)	(\$4,432)	(\$3,676)	(\$2,566)	(\$1,909)	(\$1,468)	(\$1,338)	(\$1,118)	(\$864)	(\$612)	(\$37,762)
On-system Credit End Balance		(\$1,340,630)	(\$1,206,942)	(\$1,043,970)	(\$809,036)	(\$579,725)	(\$422,010)	(\$298,977)	(\$274,116)	(\$231,160)	(\$191,133)	(\$146,026)	(\$85,099)	
Under/(over) Recovery		\$81,590	\$133,688	\$162,972	\$234,934	\$229,311	\$157,715	\$123,033	\$24,861	\$42,955	\$40,027	\$45,107	\$60,927	
Weather Normalization - DAC														
WNA Acct Beg. Balance	Pricing	\$927,000	\$953,385	\$865,721	\$758,775	\$604,404	\$453,774	\$350,283	\$269,645	\$253,648	\$225,748	\$199,779	\$170,455	
Actual Firm Thru-put	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
Actual WNA Collections	Calculation	(\$21,568)	\$92,480	\$111,246	\$157,631	\$153,431	\$105,551	\$82,279	\$17,338	\$29,169	\$27,095	\$30,273	\$40,526	\$825,451
Ending WNA Balance		\$948,568	\$860,905	\$754,475	\$601,144	\$450,973	\$348,223	\$268,004	\$252,307	\$224,479	\$198,653	\$169,506	\$129,929	
Average Monthly Balance		\$937,784	\$907,145	\$810,098	\$679,959	\$527,688	\$400,999	\$309,143	\$260,976	\$239,063	\$212,200	\$184,643	\$150,192	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		\$4,817	\$4,815	\$4,300	\$3,260	\$2,801	\$2,060	\$1,641	\$1,341	\$1,269	\$1,126	\$949	\$797	\$29,177
Weather Normalization End Balance		\$953,385	\$865,721	\$758,775	\$604,404	\$453,774	\$350,283	\$269,645	\$253,648	\$225,748	\$199,779	\$170,455	\$130,726	
Under/(over) Recovery		\$26,385	(\$87,665)	(\$106,946)	(\$154,371)	(\$150,630)	(\$103,491)	(\$80,638)	(\$15,997)	(\$27,900)	(\$25,969)	(\$29,324)	(\$39,729)	
Earnings Sharings Mechanism - DAC														
ESM Acct Beg. Balance	Pricing	(\$310,942)	(\$298,123)	(\$268,797)	(\$233,043)	(\$181,491)	(\$131,174)	(\$96,574)	(\$69,588)	(\$64,151)	(\$54,743)	(\$45,978)	(\$36,097)	
Actual Firm Thru-put	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
Actual ESM Collections	Calculation	(\$14,379)	(\$30,827)	(\$37,082)	(\$52,544)	(\$51,144)	(\$35,184)	(\$27,426)	(\$5,779)	(\$9,723)	(\$9,032)	(\$10,091)	(\$13,509)	(\$296,720)
Ending ESM Balance		(\$296,563)	(\$267,296)	(\$231,715)	(\$180,499)	(\$130,347)	(\$95,990)	(\$69,148)	(\$63,809)	(\$54,428)	(\$45,711)	(\$35,887)	(\$22,588)	
Average Monthly Balance		(\$303,753)	(\$282,710)	(\$250,256)	(\$206,771)	(\$155,919)	(\$113,582)	(\$82,861)	(\$66,698)	(\$59,290)	(\$50,227)	(\$40,932)	(\$29,343)	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$1,560)	(\$1,501)	(\$1,328)	(\$991)	(\$828)	(\$583)	(\$440)	(\$343)	(\$315)	(\$267)	(\$210)	(\$156)	(\$8,522)
Earnings Sharing End Balance		(\$298,123)	(\$268,797)	(\$233,043)	(\$181,491)	(\$131,174)	(\$96,574)	(\$69,588)	(\$64,151)	(\$54,743)	(\$45,978)	(\$36,097)	(\$22,744)	
Under/(over) Recovery		\$12,819	\$29,326	\$35,754	\$51,553	\$50,316	\$34,601	\$26,986	\$5,436	\$9,408	\$8,765	\$9,881	\$13,353	

Distribution Adjustment Charge Reconciliation Factor

Non-Base Rate / Gas Year Reconciling Components

source	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	12-mth end	
	30	31	31	28	31	30	31	30	31	31	30	31	Oct 07	
	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	(actual)	forecast	forecast	forecast		
Reconciliation Factor - DAC														
Recon Factor Acct Beg. Balance	Pricing	(\$299,150)	(\$306,693)	(\$277,412)	(\$241,704)	(\$190,193)	(\$139,923)	(\$105,368)	(\$78,428)	(\$73,037)	(\$63,676)	(\$54,958)	(\$45,123)	
Actual Firm Thru-put	Classified's	2,396,436	3,425,169	4,120,234	5,838,184	5,682,614	3,909,301	3,047,359	642,166	1,080,325	1,003,529	1,121,234	1,500,948	33,767,500
Actual Recon Collections	Calculation	\$5,991	(\$30,827)	(\$37,082)	(\$52,544)	(\$51,144)	(\$35,184)	(\$27,426)	(\$5,779)	(\$9,723)	(\$9,032)	(\$10,091)	(\$13,509)	(\$276,350)
Ending Recon Balance		(\$305,141)	(\$275,866)	(\$240,330)	(\$189,160)	(\$139,049)	(\$104,739)	(\$77,942)	(\$72,649)	(\$63,314)	(\$54,644)	(\$44,867)	(\$31,614)	
Average Monthly Balance		(\$302,146)	(\$291,280)	(\$258,871)	(\$215,432)	(\$164,621)	(\$122,331)	(\$91,655)	(\$75,539)	(\$68,176)	(\$59,160)	(\$49,913)	(\$38,369)	
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	
Interest Applied		(\$1,552)	(\$1,546)	(\$1,374)	(\$1,033)	(\$874)	(\$628)	(\$487)	(\$388)	(\$362)	(\$314)	(\$256)	(\$204)	(\$9,018)
Earnings Sharing End Balance		(\$306,693)	(\$277,412)	(\$241,704)	(\$190,193)	(\$139,923)	(\$105,368)	(\$78,428)	(\$73,037)	(\$63,676)	(\$54,958)	(\$45,123)	(\$31,818)	
Under/(over) Recovery		(\$7,543)	\$29,281	\$35,708	\$51,511	\$50,270	\$34,556	\$26,939	\$5,391	\$9,361	\$8,718	\$9,835	\$13,305	

Distribution Adjustment Charge Reconciliation Factor

Non-Base Rate / Gas Year Reconciling Components

	October 31, 2006 Ending Deferred Balances		
	Forecast (1)	Actual	Variance
System Pressure	(\$151,560)	(\$154,632)	(\$3,072)
Environmental - DAC	(\$85,793)	(\$89,834)	(\$4,041)
On-System Margin Credits	(\$137,225)	(\$144,242)	(\$7,017)
Weather Normalization	(\$195,684)	(\$205,254)	(\$9,570)
Earnings Sharing Mechanism	\$286	(\$351)	(\$637)
Previous Reconciliation Factor	\$75,646	\$78,623	\$2,977
	(\$494,330)	(\$515,689)	(\$21,359)

Notes:

- (1) based on updated Attachment PCC-7, Docket 3760, Sept 1, 2006 - used to establish reconciliation component of November 2006 DAC factor

Distribution Adjustment Charge Reconciliation Factor

Non-Base Rate / Gas Year Reconciling Components

	Jul-06 31 source (actual) -----	Aug-06 31 (actual) -----	Sep-06 30 (actual) -----	Oct-06 31 (actual) -----
System Pressure Recon Adjust.				
System Pressure Acct Beg. Balance	(\$303,795)	(\$263,986)	(\$219,807)	(\$184,719)
Actual Costs	\$103,741	\$97,660	\$102,582	\$103,507
Actual Collections	\$62,429	\$52,200	\$66,459	\$72,521
Ending Balance	(\$262,483)	(\$218,526)	(\$183,683)	(\$153,734)
Average Monthly Balance	(\$283,139)	(\$241,256)	(\$201,745)	(\$169,227)
Bk America Rate less 200 Basis Points	6.25%	6.25%	6.25%	6.25%
Interest Applied	(\$1,503)	(\$1,281)	(\$1,036)	(\$898)
Sys Pressure End Balance	(\$263,986)	(\$219,807)	(\$184,719)	(\$154,632)
Under/(over) Recovery	\$39,809	\$44,179	\$35,088	\$30,088
Environmental Recon. Adjust - DAC				
Environmental Acct Beg. Balance	Pricing (\$173,074)	(\$152,755)	(\$135,809)	(\$113,900)
Actual Firm Thru-put	Classified's 1,114,804	932,135	1,186,760	1,295,025
Actual Environmental Collections	Calculation (\$21,181)	(\$17,711)	(\$22,548)	(\$24,605)
Ending Environmental Balance	(\$151,893)	(\$135,045)	(\$113,260)	(\$89,294)
Average Monthly Balance	(\$162,483)	(\$143,900)	(\$124,534)	(\$101,597)
Bk America Rate less 200 Basis Points	6.25%	6.25%	6.25%	6.25%
Interest Applied	(\$862)	(\$764)	(\$640)	(\$539)
On-system Credit End Balance	(\$152,755)	(\$135,809)	(\$113,900)	(\$89,834)
Under/(over) Recovery	\$20,319	\$16,947	\$21,909	\$24,066

Distribution Adjustment Charge Reconciliation Factor

Non-Base Rate / Gas Year Reconciling Components

		Jul-06 31 source (actual) -----	Aug-06 31 (actual) -----	Sep-06 30 (actual) -----	Oct-06 31 (actual) -----
On-system Credits Recon. Adjust. - DAC					
On-system Credit Acct Beg. Balance	Pricing	(\$289,062)	(\$253,710)	(\$224,215)	(\$186,103)
Actual Firm Thru-put	Classified's	1,114,804	932,135	1,186,760	1,295,025
Actual On-system Collections	Calculation	(\$36,789)	(\$30,760)	(\$39,163)	(\$42,736)
Ending On-system Balance		(\$252,273)	(\$222,950)	(\$185,052)	(\$143,367)
Average Monthly Balance		(\$270,668)	(\$238,330)	(\$204,633)	(\$164,735)
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%
Interest Applied		(\$1,437)	(\$1,265)	(\$1,051)	(\$874)
On-system Credit End Balance		(\$253,710)	(\$224,215)	(\$186,103)	(\$144,242)
Under/(over) Recovery		\$35,352	\$29,495	\$38,112	\$41,861
Weather Normalization - DAC					
WNA Acct Beg. Balance	Pricing	(\$402,558)	(\$354,396)	(\$314,219)	(\$262,292)
Actual Firm Thru-put	Classified's	1,114,804	932,135	1,186,760	1,295,025
Actual WNA Collections	Calculation	(\$50,166)	(\$41,946)	(\$53,404)	(\$58,276)
Ending WNA Balance		(\$352,392)	(\$312,449)	(\$260,815)	(\$204,016)
Average Monthly Balance		(\$377,475)	(\$333,423)	(\$287,517)	(\$233,154)
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%
Interest Applied		(\$2,004)	(\$1,770)	(\$1,477)	(\$1,238)
Weather Normalization End Balance		(\$354,396)	(\$314,219)	(\$262,292)	(\$205,254)
Under/(over) Recovery		\$48,162	\$40,176	\$51,927	\$57,038

Distribution Adjustment Charge Reconciliation Factor

Non-Base Rate / Gas Year Reconciling Components

		Jul-06	Aug-06	Sep-06	Oct-06
		31	31	30	31
	source	(actual)	(actual)	(actual)	(actual)
		-----	-----	-----	-----
Earnings Sharings Mechanism - DAC					
ESM Acct Beg. Balance	Pricing	(\$13,782)	(\$10,502)	(\$7,754)	(\$4,224)
Actual Firm Thru-put	Classified's	1,114,804	932,135	1,186,760	1,295,025
Actual ESM Collections	Calculation	(\$3,344)	(\$2,796)	(\$3,560)	(\$3,885)
Ending ESM Balance		(\$10,438)	(\$7,705)	(\$4,194)	(\$339)
Average Monthly Balance		(\$12,110)	(\$9,104)	(\$5,974)	(\$2,282)
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%
Interest Applied		(\$64)	(\$48)	(\$31)	(\$12)
Earnings Sharing End Balance		(\$10,502)	(\$7,754)	(\$4,224)	(\$351)
Under/(over) Recovery		\$3,280	\$2,748	\$3,530	\$3,873
Reconciliation Factor - DAC					
Recon Factor Acct Beg. Balance	Pricing	\$139,700	\$124,793	\$112,371	\$96,291
Actual Firm Thru-put	Classified's	1,114,804	932,135	1,186,760	1,295,025
Actual Recon Collections	Calculation	\$15,607	\$13,050	\$16,615	\$18,130
Ending Recon Balance		\$124,093	\$111,743	\$95,756	\$78,160
Average Monthly Balance		\$131,896	\$118,268	\$104,063	\$87,226
Bk America Rate less 200 Basis Points		6.25%	6.25%	6.25%	6.25%
Interest Applied		\$700	\$628	\$535	\$463
Earnings Sharing End Balance		\$124,793	\$112,371	\$96,291	\$78,623
Under/(over) Recovery		(\$14,907)	(\$12,422)	(\$16,080)	(\$17,667)

**Bill Impact Analysis with Various Levels of Consumption:
Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2007-2008 Proposed DAC**

Residential Heating:

Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:				
					Base Rates	GCR	DAC	EnergyEff	
600	\$990	\$993	(\$2)	-0.2%	\$0	\$0.00	(\$2.28)	\$0.00	
664	\$1,084	\$1,087	(\$3)	-0.2%	\$0	\$0.00	(\$2.53)	\$0.00	
730	\$1,181	\$1,184	(\$3)	-0.2%	\$0	\$0.00	(\$2.78)	\$0.00	
794	\$1,274	\$1,277	(\$3)	-0.2%	\$0	\$0.00	(\$3.05)	\$0.00	
857	\$1,364	\$1,367	(\$3)	-0.2%	\$0	\$0.00	(\$3.29)	\$0.00	
Average Customer	922	\$1,457	\$1,460	(\$4)	-0.2%	\$0	\$0.00	(\$3.54)	\$0.00
987	\$1,549	\$1,553	(\$4)	-0.2%	\$0	\$0.00	(\$3.76)	\$0.00	
1,051	\$1,640	\$1,644	(\$4)	-0.2%	\$0	\$0.00	(\$4.01)	\$0.00	
1,114	\$1,729	\$1,733	(\$4)	-0.2%	\$0	\$0.00	(\$4.25)	\$0.00	
1,180	\$1,821	\$1,825	(\$4)	-0.2%	\$0	\$0.00	(\$4.47)	\$0.00	
1,247	\$1,915	\$1,919	(\$5)	-0.2%	\$0	\$0.00	(\$4.71)	\$0.00	

Residential Non-Heating:

Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:				
					Base Rates	GCR	DAC	EnergyEff	
123	\$279	\$279	(\$0)	-0.2%	\$0	\$0	(\$0)	\$0	
137	\$300	\$301	(\$0)	-0.2%	\$0	\$0	(\$0)	\$0	
147	\$316	\$316	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
161	\$337	\$338	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
176	\$360	\$361	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
Average Customer	189	\$380	\$381	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0
202	\$400	\$401	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
217	\$423	\$424	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
231	\$445	\$445	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
241	\$460	\$461	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	
256	\$483	\$484	(\$1)	-0.2%	\$0	\$0	(\$1)	\$0	

**Bill Impact Analysis with Various Levels of Consumption:
Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2007-2008 Proposed DAC**

C & I Small:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	824	\$1,617	\$1,620	(\$3)	-0.2%	\$0	\$0	(\$3)	\$0
	916	\$1,747	\$1,750	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,003	\$1,869	\$1,873	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,092	\$1,994	\$1,998	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,179	\$2,115	\$2,120	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
Average Customer	1,269	\$2,239	\$2,244	(\$5)	-0.2%	\$0	\$0	(\$5)	\$0
	1,359	\$2,363	\$2,369	(\$5)	-0.2%	\$0	\$0	(\$5)	\$0
	1,447	\$2,485	\$2,490	(\$5)	-0.2%	\$0	\$0	(\$5)	\$0
	1,535	\$2,606	\$2,612	(\$6)	-0.2%	\$0	\$0	(\$6)	\$0
	1,622	\$2,726	\$2,732	(\$6)	-0.2%	\$0	\$0	(\$6)	\$0
	1,715	\$2,854	\$2,861	(\$7)	-0.2%	\$0	\$0	(\$7)	\$0

C & I Medium:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	7,117	\$10,072	\$10,099	(\$27)	-0.3%	\$0	\$0	(\$27)	\$0
	7,884	\$11,099	\$11,129	(\$30)	-0.3%	\$0	\$0	(\$30)	\$0
	8,649	\$12,124	\$12,157	(\$33)	-0.3%	\$0	\$0	(\$33)	\$0
	9,416	\$13,151	\$13,187	(\$36)	-0.3%	\$0	\$0	(\$36)	\$0
	10,185	\$14,181	\$14,220	(\$39)	-0.3%	\$0	\$0	(\$39)	\$0
Average Customer	10,950	\$15,205	\$15,247	(\$42)	-0.3%	\$0	\$0	(\$42)	\$0
	11,715	\$16,230	\$16,274	(\$45)	-0.3%	\$0	\$0	(\$45)	\$0
	12,484	\$17,260	\$17,307	(\$47)	-0.3%	\$0	\$0	(\$47)	\$0
	13,251	\$18,287	\$18,337	(\$50)	-0.3%	\$0	\$0	(\$50)	\$0
	14,016	\$19,312	\$19,365	(\$53)	-0.3%	\$0	\$0	(\$53)	\$0
	14,783	\$20,339	\$20,395	(\$56)	-0.3%	\$0	\$0	(\$56)	\$0

**Bill Impact Analysis with Various Levels of Consumption:
Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2007-2008 Proposed DAC**

C & I LLF Large:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	37,532	\$52,078	\$52,220	(\$143)	-0.3%	\$0	\$0	(\$143)	\$0
	41,573	\$57,569	\$57,727	(\$158)	-0.3%	\$0	\$0	(\$158)	\$0
	45,616	\$63,062	\$63,236	(\$173)	-0.3%	\$0	\$0	(\$173)	\$0
	49,660	\$68,557	\$68,746	(\$189)	-0.3%	\$0	\$0	(\$189)	\$0
	53,699	\$74,045	\$74,249	(\$204)	-0.3%	\$0	\$0	(\$204)	\$0
Average Customer	57,742	\$79,539	\$79,758	(\$219)	-0.3%	\$0	\$0	(\$219)	\$0
	61,785	\$85,032	\$85,267	(\$235)	-0.3%	\$0	\$0	(\$235)	\$0
	65,824	\$90,521	\$90,771	(\$250)	-0.3%	\$0	\$0	(\$250)	\$0
	69,868	\$96,016	\$96,281	(\$266)	-0.3%	\$0	\$0	(\$266)	\$0
	73,911	\$101,509	\$101,790	(\$281)	-0.3%	\$0	\$0	(\$281)	\$0
	77,952	\$107,000	\$107,296	(\$296)	-0.3%	\$0	\$0	(\$296)	\$0

C & I HLF Large:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	37,970	\$47,592	\$47,726	(\$134)	-0.3%	\$0	\$0	(\$134)	\$0
	42,061	\$52,604	\$52,752	(\$149)	-0.3%	\$0	\$0	(\$149)	\$0
	46,151	\$57,614	\$57,777	(\$163)	-0.3%	\$0	\$0	(\$163)	\$0
	50,240	\$62,622	\$62,800	(\$178)	-0.3%	\$0	\$0	(\$178)	\$0
	54,329	\$67,631	\$67,823	(\$192)	-0.3%	\$0	\$0	(\$192)	\$0
Average Customer	58,418	\$72,640	\$72,847	(\$206)	-0.3%	\$0	\$0	(\$206)	\$0
	62,508	\$77,651	\$77,871	(\$221)	-0.3%	\$0	\$0	(\$221)	\$0
	66,596	\$82,658	\$82,894	(\$235)	-0.3%	\$0	\$0	(\$235)	\$0
	70,686	\$87,668	\$87,918	(\$250)	-0.3%	\$0	\$0	(\$250)	\$0
	74,775	\$92,677	\$92,941	(\$264)	-0.3%	\$0	\$0	(\$264)	\$0
	78,867	\$97,690	\$97,968	(\$279)	-0.3%	\$0	\$0	(\$279)	\$0

**Bill Impact Analysis with Various Levels of Consumption:
Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2007-2008 Proposed DAC**

C & I LLF Extra-Large:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	189,450	\$232,592	\$233,234	(\$642)	-0.3%	\$0	\$0	(\$642)	\$0
	209,855	\$257,255	\$257,967	(\$711)	-0.3%	\$0	\$0	(\$711)	\$0
	230,255	\$281,913	\$282,694	(\$780)	-0.3%	\$0	\$0	(\$780)	\$0
	250,655	\$306,571	\$307,421	(\$850)	-0.3%	\$0	\$0	(\$850)	\$0
	271,059	\$331,234	\$332,152	(\$919)	-0.3%	\$0	\$0	(\$919)	\$0
Average Customer	291,462	\$355,895	\$356,883	(\$988)	-0.3%	\$0	\$0	(\$988)	\$0
	311,865	\$380,557	\$381,614	(\$1,057)	-0.3%	\$0	\$0	(\$1,057)	\$0
	332,269	\$405,219	\$406,345	(\$1,126)	-0.3%	\$0	\$0	(\$1,126)	\$0
	352,669	\$429,877	\$431,073	(\$1,195)	-0.3%	\$0	\$0	(\$1,195)	\$0
	373,069	\$454,535	\$455,799	(\$1,264)	-0.3%	\$0	\$0	(\$1,264)	\$0
	393,474	\$479,199	\$480,532	(\$1,334)	-0.3%	\$0	\$0	(\$1,334)	\$0

C & I HLF Extra-Large:

	Nov - Oct Consumption (Therms)	Proposed November-07	Current Rates	Difference	% Chg	Difference due to:			
						Base Rates	GCR	DAC	EnergyEff
	184,661	\$217,292	\$217,944	(\$652)	-0.3%	\$0	\$0	(\$652)	\$0
	204,549	\$240,306	\$241,029	(\$722)	-0.3%	\$0	\$0	(\$722)	\$0
	224,435	\$263,319	\$264,111	(\$792)	-0.3%	\$0	\$0	(\$792)	\$0
	244,321	\$286,331	\$287,194	(\$863)	-0.3%	\$0	\$0	(\$863)	\$0
	264,206	\$309,342	\$310,275	(\$933)	-0.3%	\$0	\$0	(\$933)	\$0
Average Customer	284,094	\$332,357	\$333,360	(\$1,003)	-0.3%	\$0	\$0	(\$1,003)	\$0
	303,982	\$355,371	\$356,445	(\$1,073)	-0.3%	\$0	\$0	(\$1,073)	\$0
	323,867	\$378,382	\$379,526	(\$1,144)	-0.3%	\$0	\$0	(\$1,144)	\$0
	343,753	\$401,395	\$402,609	(\$1,214)	-0.3%	\$0	\$0	(\$1,214)	\$0
	363,639	\$424,407	\$425,691	(\$1,284)	-0.3%	\$0	\$0	(\$1,284)	\$0
	383,527	\$447,422	\$448,776	(\$1,354)	-0.3%	\$0	\$0	(\$1,354)	\$0

Bill Impact Analysis: Residential Heating

		Res Htg Bill Analysis - Current Rates											Nov - Oct	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Normal Avg Use	65%	40	72	99	100	91	72	40	21	16	13	16	20	600
Normal Avg Use	72%	45	79	110	111	101	79	45	23	18	14	17	22	664
Normal Avg Use	79%	49	87	121	122	111	87	49	25	20	16	19	24	730
Normal Avg Use	86%	53	95	132	132	120	95	53	28	22	17	21	26	794
Normal Avg Use	93%	58	102	142	143	130	102	58	30	23	19	22	28	857
Normal Avg Use	100%	62	110	153	154	140	110	62	32	25	20	24	30	922
Normal Avg Use	107%	66	118	164	165	150	118	66	34	27	21	26	32	987
Normal Avg Use	114%	71	125	174	176	160	125	71	36	29	23	27	34	1,051
Normal Avg Use	121%	75	133	185	186	169	133	75	39	30	24	29	36	1,114
Normal Avg Use	128%	79	141	196	197	179	141	79	41	32	26	31	38	1,180
Normal Avg Use	135%	84	149	207	208	189	149	84	43	34	27	32	41	1,247

GCR	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048
DAC	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003
Energy Efficiency	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107

Bill Calculation

Base Rates														
Customer Charge		\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00
Peak: 1st 125 therms @	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600							
Excess 125 @	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800							
Off-Peak: 1st 30 therms @	\$0.3600							\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600
Excess 30 @	\$0.2800							\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800
Base Rates														
Normal Avg Use	100%	\$31	\$49	\$62	\$62	\$58	\$49	\$29	\$20	\$18	\$16	\$18	\$20	\$431
GCR														
Normal Avg Use	100%	\$69	\$122	\$169	\$170	\$155	\$122	\$69	\$35	\$28	\$22	\$27	\$33	\$1,019
DAC														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.29
Energy Efficiency														
Normal Avg Use	100%	\$1	\$1	\$2	\$2	\$2	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$10
Total Bill														
Normal Avg Use	100%	\$101	\$171	\$233	\$234	\$214	\$171	\$98	\$56	\$46	\$39	\$44	\$53	\$1,460

Bill Impact Analysis: Residential Heating

		Res Heating Bill Analysis - November 2007 Proposed DAC											Nov - Oct	
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total
Normal Avg Use	65%	40	72	99	100	91	72	40	21	16	13	16	20	600
Normal Avg Use	72%	45	79	110	111	101	79	45	23	18	14	17	22	664
Normal Avg Use	79%	49	87	121	122	111	87	49	25	20	16	19	24	730
Normal Avg Use	86%	53	95	132	132	120	95	53	28	22	17	21	26	794
Normal Avg Use	93%	58	102	142	143	130	102	58	30	23	19	22	28	857
Normal Avg Use	100%	62	110	153	154	140	110	62	32	25	20	24	30	922
Normal Avg Use	107%	66	118	164	165	150	118	66	34	27	21	26	32	987
Normal Avg Use	114%	71	125	174	176	160	125	71	36	29	23	27	34	1,051
Normal Avg Use	121%	75	133	185	186	169	133	75	39	30	24	29	36	1,114
Normal Avg Use	128%	79	141	196	197	179	141	79	41	32	26	31	38	1,180
Normal Avg Use	135%	84	149	207	208	189	149	84	43	34	27	32	41	1,247
GCR		\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation														
Base Rates														
Customer Charge		\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00
Peak: 1st 125 therms @	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600							
Excess 125 @	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800							
Off-Peak: 1st 30 therms @	\$0.3600							\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	\$0.3600	
Excess 30 @	\$0.2800							\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	\$0.2800	
Base Rates														
Normal Avg Use	100%	\$31	\$49	\$62	\$62	\$58	\$49	\$29	\$20	\$18	\$16	\$18	\$20	\$431
GCR														
Normal Avg Use	100%	\$69	\$122	\$169	\$170	\$155	\$122	\$69	\$35	\$28	\$22	\$27	\$33	\$1,019
DAC														
Normal Avg Use	100%	\$0	\$0	-\$1	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$3.25
Energy Efficiency														
Normal Avg Use	100%	\$1	\$1	\$2	\$2	\$2	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$10
Total Bill														
Normal Avg Use	100%	\$100	\$171	\$232	\$233	\$214	\$171	\$98	\$56	\$46	\$38	\$44	\$53	\$1,457

Bill Impact Analysis: Residential Non-Heating

		Res Non-Htg Bill Analysis - Current Rates											Nov - Oct	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Normal Avg Use	65%	10	12	14	13	12	12	11	8	8	7	8	8	123
Normal Avg Use	72%	11	13	16	14	14	14	12	9	9	7	9	9	137
Normal Avg Use	79%	12	14	17	16	15	15	13	10	9	8	9	9	147
Normal Avg Use	86%	13	15	19	17	16	16	15	11	10	9	10	10	161
Normal Avg Use	93%	14	17	20	19	18	18	16	12	11	9	11	11	176
Normal Avg Use	100%	15	18	22	20	19	19	17	13	12	10	12	12	189
Normal Avg Use	107%	16	19	24	21	20	20	18	14	13	11	13	13	202
Normal Avg Use	114%	17	21	25	23	22	22	19	15	14	11	14	14	217
Normal Avg Use	121%	18	22	27	24	23	23	21	16	15	12	15	15	231
Normal Avg Use	128%	19	23	28	26	24	24	22	17	15	13	15	15	241
Normal Avg Use	135%	20	24	30	27	26	26	23	18	16	14	16	16	256
GCR		\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	
DAC		\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation														
Base Rates														
Customer Charge		\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	
all therms @	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	
Base Rates														
Normal Avg Use	100%	\$13.84	\$15.11	\$16.80	\$15.95	\$15.53	\$15.53	\$14.68	\$12.99	\$12.57	\$11.73	\$12.57	\$12.57	\$170
GCR														
Normal Avg Use	100%	\$16.57	\$19.89	\$24.31	\$22.10	\$20.99	\$20.99	\$18.78	\$14.36	\$13.26	\$11.05	\$13.26	\$13.26	\$209
DAC														
Normal Avg Use	100%	\$0.00	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
Energy Efficiency														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2
Total Bill														
Normal Avg Use	100%	\$30.57	\$35.20	\$41.36	\$38.27	\$36.73	\$36.73	\$33.65	\$27.49	\$25.96	\$22.89	\$25.96	\$25.96	\$381

Bill Impact Analysis: Residential Non-Hea

Res Non-Htg Bill Analysis - November 2007 Proposed DAC													Nov - Oct	
	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	
Normal Avg Use	65%	10	12	14	13	12	12	11	8	8	7	8	8	123
Normal Avg Use	72%	11	13	16	14	14	14	12	9	9	7	9	9	137
Normal Avg Use	79%	12	14	17	16	15	15	13	10	9	8	9	9	147
Normal Avg Use	86%	13	15	19	17	16	15	11	10	9	10	10	10	161
Normal Avg Use	93%	14	17	20	19	18	18	16	12	11	9	11	11	176
Normal Avg Use	100%	15	18	22	20	19	19	17	13	12	10	12	12	189
Normal Avg Use	107%	16	19	24	21	20	20	18	14	13	11	13	13	202
Normal Avg Use	114%	17	21	25	23	22	22	19	15	14	11	14	14	217
Normal Avg Use	121%	18	22	27	24	23	23	21	16	15	12	15	15	231
Normal Avg Use	128%	19	23	28	26	24	24	22	17	15	13	15	15	241
Normal Avg Use	135%	20	24	30	27	26	26	23	18	16	14	16	16	256
GCR		\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation														
Base Rates														
Customer Charge		\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	
all therms @	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	\$0.4226	
Base Rates														
Normal Avg Use	100%	\$13.84	\$15.11	\$16.80	\$15.95	\$15.53	\$15.53	\$14.68	\$12.99	\$12.57	\$11.73	\$12.57	\$12.57	\$170
GCR														
Normal Avg Use	100%	\$16.57	\$19.89	\$24.31	\$22.10	\$20.99	\$20.99	\$18.78	\$14.36	\$13.26	\$11.05	\$13.26	\$13.26	\$209
DAC														
Normal Avg Use	100%	-\$0.05	-\$0.06	-\$0.08	-\$0.07	-\$0.07	-\$0.07	-\$0.06	-\$0.05	-\$0.04	-\$0.04	-\$0.04	-\$0.04	-\$1
Energy Efficiency														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2
Total Bill														
Normal Avg Use	100%	\$30.52	\$35.13	\$41.27	\$38.19	\$36.65	\$36.65	\$33.58	\$27.44	\$25.92	\$22.85	\$25.92	\$25.92	\$380

Bill Impact Analysis: C & I Small

		C & I Small Bill Analysis - Current Rates											Nov - Oct	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Normal Avg Use	65%	47	98	142	151	136	98	47	24	19	16	20	26	824
Normal Avg Use	72%	53	109	157	168	150	109	53	27	21	18	22	29	916
Normal Avg Use	79%	58	119	172	184	165	119	58	29	23	20	24	32	1,003
Normal Avg Use	86%	63	130	187	200	180	130	63	32	25	22	26	34	1,092
Normal Avg Use	93%	68	140	203	217	194	140	68	34	27	23	28	37	1,179
Normal Avg Use	100%	73	151	218	233	209	151	73	37	29	25	30	40	1,269
Normal Avg Use	107%	78	162	233	249	224	162	78	40	31	27	32	43	1,359
Normal Avg Use	114%	83	172	249	266	238	172	83	42	33	29	34	46	1,447
Normal Avg Use	121%	88	183	264	282	253	183	88	45	35	30	36	48	1,535
Normal Avg Use	128%	93	193	279	298	268	193	93	47	37	32	38	51	1,622
Normal Avg Use	135%	99	204	294	315	282	204	99	50	39	34	41	54	1,715
GCR		\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	
DAC		\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation														
Base Rates														
Customer Charge		\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	
Peak: 1st 135 therms @	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721						
Excess 135 @	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600							
Off-Peak: 1st 20 therms @	\$0.3721							\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	
Excess 20 @	\$0.2600							\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	
Base Rates														
Normal Avg Use	100%	\$41	\$68	\$86	\$90	\$83	\$68	\$120	\$62	\$49	\$43	\$51	\$67	\$828
GCR														
Normal Avg Use	100%	\$81	\$167	\$241	\$257	\$231	\$167	\$81	\$41	\$32	\$28	\$33	\$44	\$1,402
DAC														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Energy Efficiency														
Normal Avg Use	100%	\$1	\$2	\$2	\$2	\$2	\$2	\$1	\$0	\$0	\$0	\$0	\$0	\$14
Total Bill														
Normal Avg Use	100%	\$123	\$237	\$329	\$350	\$317	\$237	\$202	\$103	\$81	\$71	\$85	\$111	\$2,244

Bill Impact Analysis: C & I Small

C & I Small Bill Analysis - November 2007 Proposed DAC													Nov - Oct	
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total
Normal Avg Use	65%	47	98	142	151	136	98	47	24	19	16	20	26	824
Normal Avg Use	72%	53	109	157	168	150	109	53	27	21	18	22	29	916
Normal Avg Use	79%	58	119	172	184	165	119	58	29	23	20	24	32	1,003
Normal Avg Use	86%	63	130	187	200	180	130	63	32	25	22	26	34	1,092
Normal Avg Use	93%	68	140	203	217	194	140	68	34	27	23	28	37	1,179
Normal Avg Use	100%	73	151	218	233	209	151	73	37	29	25	30	40	1,269
Normal Avg Use	107%	78	162	233	249	224	162	78	40	31	27	32	43	1,359
Normal Avg Use	114%	83	172	249	266	238	172	83	42	33	29	34	46	1,447
Normal Avg Use	121%	88	183	264	282	253	183	88	45	35	30	36	48	1,535
Normal Avg Use	128%	93	193	279	298	268	193	93	47	37	32	38	51	1,622
Normal Avg Use	135%	99	204	294	315	282	204	99	50	39	34	41	54	1,715
GCR		\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	\$1.1048	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation														
Base Rates														
Customer Charge		\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00
Peak: 1st 135 therms @	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721							
Excess 135 @	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600							
Off-Peak: 1st 20 therms @	\$0.3721							\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	\$0.3721	
Excess 20 @	\$0.2600							\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	\$0.2600	
Base Rates														
Normal Avg Use	100%	\$41	\$68	\$86	\$90	\$83	\$68	\$120	\$62	\$49	\$43	\$51	\$67	\$828
GCR														
Normal Avg Use	100%	\$81	\$167	\$241	\$257	\$231	\$167	\$81	\$41	\$32	\$28	\$33	\$44	\$1,402
DAC														
Normal Avg Use	100%	\$0	-\$1	-\$1	-\$1	-\$1	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	-\$4
Energy Efficiency														
Normal Avg Use	100%	\$1	\$2	\$2	\$2	\$2	\$2	\$1	\$0	\$0	\$0	\$0	\$0	\$14
Total Bill														
Normal Avg Use	100%	\$122	\$236	\$328	\$349	\$316	\$236	\$201	\$103	\$81	\$71	\$84	\$111	\$2,239

Bill Impact Analysis: C & I Medium

C & I Medium Bill Analysis - Current Rates													Nov - Oct		
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	MADQ
Normal Avg Use	65%	491	822	1,108	1,146	1,048	803	489	271	226	198	234	281	7,117	41
Normal Avg Use	72%	544	910	1,228	1,269	1,161	890	541	300	250	220	259	312	7,884	45
Normal Avg Use	79%	596	999	1,347	1,393	1,274	976	594	329	274	241	284	342	8,649	50
Normal Avg Use	86%	649	1,087	1,466	1,516	1,387	1,063	647	359	298	262	310	372	9,416	54
Normal Avg Use	93%	702	1,176	1,586	1,640	1,500	1,149	699	388	323	284	335	403	10,185	59
Normal Avg Use	100%	755	1,264	1,705	1,763	1,613	1,236	752	417	347	305	360	433	10,950	63
Normal Avg Use	107%	808	1,352	1,824	1,886	1,726	1,323	805	446	371	326	385	463	11,715	67
Normal Avg Use	114%	861	1,441	1,944	2,010	1,839	1,409	857	475	396	348	410	494	12,484	72
Normal Avg Use	121%	914	1,529	2,063	2,133	1,952	1,496	910	505	420	369	436	524	13,251	76
Normal Avg Use	128%	966	1,618	2,182	2,257	2,065	1,582	963	534	444	390	461	554	14,016	81
Normal Avg Use	135%	1,019	1,706	2,302	2,380	2,178	1,669	1,015	563	468	412	486	585	14,783	85
GCR		\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985		
DAC		\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003		
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107		
Bill Calculation															
Base Rates															
Customer Charge		\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	
Base Rates															
Normal Avg Use	100%	\$231	\$318	\$394	\$404	\$378	\$314	\$231	\$173	\$161	\$154	\$163	\$176	\$3,098	
GCR															
Normal Avg Use	100%	\$829	\$1,389	\$1,873	\$1,937	\$1,772	\$1,358	\$826	\$458	\$381	\$335	\$395	\$476	\$12,029	
DAC															
Normal Avg Use	100%	\$0	\$0	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	
Energy Efficiency															
Normal Avg Use	100%	\$8	\$14	\$18	\$19	\$17	\$13	\$8	\$4	\$4	\$3	\$4	\$5	\$117	
Total Bill															
Normal Avg Use	100%	\$1,069	\$1,721	\$2,286	\$2,360	\$2,168	\$1,685	\$1,065	\$636	\$546	\$492	\$563	\$656	\$15,247	

Bill Impact Analysis: C & I Medium

C & I Medium Bill Analysis - November 2007 Proposed DAC

Nov - Oct

		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	MADQ
Normal Avg Use	65%	491	822	1,108	1,146	1,048	803	489	271	226	198	234	281	7,117	41
Normal Avg Use	72%	544	910	1,228	1,269	1,161	890	541	300	250	220	259	312	7,884	45
Normal Avg Use	79%	596	999	1,347	1,393	1,274	976	594	329	274	241	284	342	8,649	50
Normal Avg Use	86%	649	1,087	1,466	1,516	1,387	1,063	647	359	298	262	310	372	9,416	54
Normal Avg Use	93%	702	1,176	1,586	1,640	1,500	1,149	699	388	323	284	335	403	10,185	59
Normal Avg Use	100%	755	1,264	1,705	1,763	1,613	1,236	752	417	347	305	360	433	10,950	63
Normal Avg Use	107%	808	1,352	1,824	1,886	1,726	1,323	805	446	371	326	385	463	11,715	67
Normal Avg Use	114%	861	1,441	1,944	2,010	1,839	1,409	857	475	396	348	410	494	12,484	72
Normal Avg Use	121%	914	1,529	2,063	2,133	1,952	1,496	910	505	420	369	436	524	13,251	76
Normal Avg Use	128%	966	1,618	2,182	2,257	2,065	1,582	963	534	444	390	461	554	14,016	81
Normal Avg Use	135%	1,019	1,706	2,302	2,380	2,178	1,669	1,015	563	468	412	486	585	14,783	85
GCR		\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985	\$1.0985		
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)		
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107		

Bill Calculation

Base Rates															
Customer Charge		\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	\$45.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	\$0.1715	
Base Rates															
Normal Avg Use	100%	\$231	\$318	\$394	\$404	\$378	\$314	\$231	\$173	\$161	\$154	\$163	\$176	\$3,098	
GCR															
Normal Avg Use	100%	\$829	\$1,389	\$1,873	\$1,937	\$1,772	\$1,358	\$826	\$458	\$381	\$335	\$395	\$476	\$12,029	
DAC															
Normal Avg Use	100%	-\$3	-\$4	-\$6	-\$6	-\$6	-\$4	-\$3	-\$1	-\$1	-\$1	-\$1	-\$2	-\$38	
Energy Efficiency															
Normal Avg Use	100%	\$8	\$14	\$18	\$19	\$17	\$13	\$8	\$4	\$4	\$3	\$4	\$5	\$117	
Total Bill															
Normal Avg Use	100%	\$1,066	\$1,716	\$2,279	\$2,353	\$2,162	\$1,680	\$1,062	\$634	\$545	\$491	\$561	\$655	\$15,205	

Bill Impact Analysis: C & I LLF Large

C & I LLF Large Bill Analysis - Current Rates

Nov - Oct

		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	MADQ
Normal Avg Use	65%	2,688	4,792	6,235	6,722	6,116	4,213	2,444	1,028	725	527	708	1,334	37,532	240
Normal Avg Use	72%	2,977	5,308	6,907	7,446	6,774	4,667	2,707	1,138	803	584	784	1,478	41,573	266
Normal Avg Use	79%	3,267	5,824	7,578	8,170	7,433	5,121	2,970	1,249	881	641	860	1,622	45,616	292
Normal Avg Use	86%	3,556	6,340	8,250	8,894	8,092	5,575	3,234	1,360	959	697	937	1,766	49,660	318
Normal Avg Use	93%	3,846	6,856	8,921	9,618	8,750	6,028	3,497	1,470	1,037	754	1,013	1,909	53,699	344
Normal Avg Use	100%	4,135	7,372	9,593	10,342	9,409	6,482	3,760	1,581	1,115	811	1,089	2,053	57,742	369
Normal Avg Use	107%	4,424	7,888	10,265	11,066	10,068	6,936	4,023	1,692	1,193	868	1,165	2,197	61,785	395
Normal Avg Use	114%	4,714	8,404	10,936	11,790	10,726	7,389	4,286	1,802	1,271	925	1,241	2,340	65,824	421
Normal Avg Use	121%	5,003	8,920	11,608	12,514	11,385	7,843	4,550	1,913	1,349	981	1,318	2,484	69,868	447
Normal Avg Use	128%	5,293	9,436	12,279	13,238	12,044	8,297	4,813	2,024	1,427	1,038	1,394	2,628	73,911	473
Normal Avg Use	135%	5,582	9,952	12,951	13,962	12,702	8,751	5,076	2,134	1,505	1,095	1,470	2,772	77,952	499
		4,135													
GCR		\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	
DAC		\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	

Bill Calculation

Base Rates															
Customer Charge		\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	
Base Rates															
Normal Avg Use	100%	\$1,123	\$1,672	\$2,048	\$2,175	\$2,017	\$1,521	\$1,060	\$690	\$611	\$560	\$607	\$770	\$14,856	
GCR															
Normal Avg Use	100%	\$4,602	\$8,205	\$10,677	\$11,511	\$10,472	\$7,214	\$4,185	\$1,760	\$1,241	\$903	\$1,212	\$2,285	\$64,267	
DAC															
Normal Avg Use	100%	\$1	\$2	\$3	\$3	\$3	\$2	\$1	\$0	\$0	\$0	\$0	\$1	\$17	
Energy Efficiency															
Normal Avg Use	100%	\$44	\$79	\$103	\$111	\$101	\$69	\$40	\$17	\$12	\$9	\$12	\$22	\$618	
Total Bill															
Normal Avg Use	100%	\$5,771	\$9,958	\$12,831	\$13,800	\$12,593	\$8,807	\$5,286	\$2,467	\$1,865	\$1,471	\$1,831	\$3,078	\$79,758	

Bill Impact Analysis: C & I LLF Large

C & I LLF Large Bill Analysis - November 2007 Proposed DAC													Nov - Oct		
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	MADQ
Normal Avg Use	65%	2,688	4,792	6,235	6,722	6,116	4,213	2,444	1,028	725	527	708	1,334	37,532	240
Normal Avg Use	72%	2,977	5,308	6,907	7,446	6,774	4,667	2,707	1,138	803	584	784	1,478	41,573	266
Normal Avg Use	79%	3,267	5,824	7,578	8,170	7,433	5,121	2,970	1,249	881	641	860	1,622	45,616	292
Normal Avg Use	86%	3,556	6,340	8,250	8,894	8,092	5,575	3,234	1,360	959	697	937	1,766	49,660	318
Normal Avg Use	93%	3,846	6,856	8,921	9,618	8,750	6,028	3,497	1,470	1,037	754	1,013	1,909	53,699	344
Normal Avg Use	100%	4,135	7,372	9,593	10,342	9,409	6,482	3,760	1,581	1,115	811	1,089	2,053	57,742	369
Normal Avg Use	107%	4,424	7,888	10,265	11,066	10,068	6,936	4,023	1,692	1,193	868	1,165	2,197	61,785	395
Normal Avg Use	114%	4,714	8,404	10,936	11,790	10,726	7,389	4,286	1,802	1,271	925	1,241	2,340	65,824	421
Normal Avg Use	121%	5,003	8,920	11,608	12,514	11,385	7,843	4,550	1,913	1,349	981	1,318	2,484	69,868	447
Normal Avg Use	128%	5,293	9,436	12,279	13,238	12,044	8,297	4,813	2,024	1,427	1,038	1,394	2,628	73,911	473
Normal Avg Use	135%	5,582	9,952	12,951	13,962	12,702	8,751	5,076	2,134	1,505	1,095	1,470	2,772	77,952	499
GCR		\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130	\$1.1130		
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)		
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107		
Bill Calculation															
Base Rates															
Customer Charge		\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	\$0.1695	
Base Rates															
Normal Avg Use	100%	\$1,123	\$1,672	\$2,048	\$2,175	\$2,017	\$1,521	\$1,060	\$690	\$611	\$560	\$607	\$770	\$14,856	
GCR															
Normal Avg Use	100%	\$4,602	\$8,205	\$10,677	\$11,511	\$10,472	\$7,214	\$4,185	\$1,760	\$1,241	\$903	\$1,212	\$2,285	\$64,267	
DAC															
Normal Avg Use	100%	-\$14	-\$26	-\$34	-\$36	-\$33	-\$23	-\$13	-\$6	-\$4	-\$3	-\$4	-\$7	-\$202	
Energy Efficiency															
Normal Avg Use	100%	\$44	\$79	\$103	\$111	\$101	\$69	\$40	\$17	\$12	\$9	\$12	\$22	\$618	
Total Bill															
Normal Avg Use	100%	\$5,755	\$9,930	\$12,795	\$13,761	\$12,557	\$8,782	\$5,272	\$2,461	\$1,860	\$1,468	\$1,827	\$3,070	\$79,539	

Bill Impact Analysis: C & I HLF Large

C & I HLF Large Bill Analysis - Current Rates

Nov - Oct

		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	MADQ
Normal Avg Use	65%	2,967	3,883	4,353	3,868	4,133	3,780	2,933	2,757	2,150	2,018	2,601	2,527	37,970	140
Normal Avg Use	72%	3,287	4,301	4,822	4,284	4,578	4,188	3,249	3,054	2,382	2,236	2,881	2,799	42,061	156
Normal Avg Use	79%	3,606	4,719	5,291	4,701	5,024	4,595	3,565	3,351	2,613	2,453	3,161	3,072	46,151	171
Normal Avg Use	86%	3,926	5,138	5,759	5,117	5,469	5,002	3,881	3,648	2,845	2,670	3,441	3,344	50,240	186
Normal Avg Use	93%	4,245	5,556	6,228	5,534	5,914	5,409	4,197	3,945	3,076	2,888	3,721	3,616	54,329	201
Normal Avg Use	100%	4,565	5,974	6,697	5,950	6,359	5,816	4,513	4,242	3,308	3,105	4,001	3,888	58,418	216
Normal Avg Use	107%	4,885	6,392	7,166	6,367	6,804	6,223	4,829	4,539	3,540	3,322	4,281	4,160	62,508	231
Normal Avg Use	114%	5,204	6,810	7,635	6,783	7,249	6,630	5,145	4,836	3,771	3,540	4,561	4,432	66,596	246
Normal Avg Use	121%	5,524	7,229	8,103	7,200	7,694	7,037	5,461	5,133	4,003	3,757	4,841	4,704	70,686	261
Normal Avg Use	128%	5,843	7,647	8,572	7,616	8,140	7,444	5,777	5,430	4,234	3,974	5,121	4,977	74,775	277
Normal Avg Use	135%	6,163	8,065	9,041	8,033	8,585	7,852	6,093	5,727	4,466	4,192	5,401	5,249	78,867	292
GCR		\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	
DAC		(\$0.0031)	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	

Bill Calculation

Base Rates															
Customer Charge		\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	
Demand	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	
all therms @	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	
Base Rates															
Normal Avg Use	100%	\$800	\$936	\$1,006	\$934	\$973	\$921	\$795	\$769	\$679	\$659	\$746	\$735	\$9,952	
GCR															
Normal Avg Use	100%	\$4,866	\$6,368	\$7,138	\$6,342	\$6,778	\$6,199	\$4,810	\$4,522	\$3,526	\$3,310	\$4,265	\$4,144	\$62,268	
DAC															
Normal Avg Use	100%	-\$14	\$2	\$2	\$2	\$2	\$2	\$1	\$1	\$1	\$1	\$1	\$1	\$2	
Energy Efficiency															
Normal Avg Use	100%	\$49	\$64	\$72	\$64	\$68	\$62	\$48	\$45	\$35	\$33	\$43	\$42	\$625	
Total Bill															
Normal Avg Use	100%	\$5,701	\$7,369	\$8,218	\$7,341	\$7,821	\$7,184	\$5,655	\$5,337	\$4,241	\$4,003	\$5,054	\$4,922	\$72,847	

Bill Impact Analysis: C & I HLF Large

C & I HLF Large Bill Analysis - November 2007 Proposed DAC													Nov - Oct		
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	MADQ
Normal Avg Use	65%	2,967	3,883	4,353	3,868	4,133	3,780	2,933	2,757	2,150	2,018	2,601	2,527	37,970	140
Normal Avg Use	72%	3,287	4,301	4,822	4,284	4,578	4,188	3,249	3,054	2,382	2,236	2,881	2,799	42,061	156
Normal Avg Use	79%	3,606	4,719	5,291	4,701	5,024	4,595	3,565	3,351	2,613	2,453	3,161	3,072	46,151	171
Normal Avg Use	86%	3,926	5,138	5,759	5,117	5,469	5,002	3,881	3,648	2,845	2,670	3,441	3,344	50,240	186
Normal Avg Use	93%	4,245	5,556	6,228	5,534	5,914	5,409	4,197	3,945	3,076	2,888	3,721	3,616	54,329	201
Normal Avg Use	100%	4,565	5,974	6,697	5,950	6,359	5,816	4,513	4,242	3,308	3,105	4,001	3,888	58,418	216
Normal Avg Use	107%	4,885	6,392	7,166	6,367	6,804	6,223	4,829	4,539	3,540	3,322	4,281	4,160	62,508	231
Normal Avg Use	114%	5,204	6,810	7,635	6,783	7,249	6,630	5,145	4,836	3,771	3,540	4,561	4,432	66,596	246
Normal Avg Use	121%	5,524	7,229	8,103	7,200	7,694	7,037	5,461	5,133	4,003	3,757	4,841	4,704	70,686	261
Normal Avg Use	128%	5,843	7,647	8,572	7,616	8,140	7,444	5,777	5,430	4,234	3,974	5,121	4,977	74,775	277
Normal Avg Use	135%	6,163	8,065	9,041	8,033	8,585	7,852	6,093	5,727	4,466	4,192	5,401	5,249	78,867	292
GCR		\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	\$1.0659	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation															
Base Rates															
Customer Charge		\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	
Demand	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	
all therms @	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	\$0.0964	
Base Rates															
Normal Avg Use	100%	\$800	\$936	\$1,006	\$934	\$973	\$921	\$795	\$769	\$679	\$659	\$746	\$735	\$9,952	
GCR															
Normal Avg Use	100%	\$4,866	\$6,368	\$7,138	\$6,342	\$6,778	\$6,199	\$4,810	\$4,522	\$3,526	\$3,310	\$4,265	\$4,144	\$62,268	
DAC															
Normal Avg Use	100%	-\$16	-\$21	-\$23	-\$21	-\$22	-\$20	-\$16	-\$15	-\$12	-\$11	-\$14	-\$14	-\$204	
Energy Efficiency															
Normal Avg Use	100%	\$49	\$64	\$72	\$64	\$68	\$62	\$48	\$45	\$35	\$33	\$43	\$42	\$625	
Total Bill															
Normal Avg Use	100%	\$5,699	\$7,347	\$8,192	\$7,319	\$7,797	\$7,162	\$5,638	\$5,321	\$4,229	\$3,991	\$5,039	\$4,907	\$72,640	

Bill Impact Analysis: C & I LLF Extra-Large

C & I LLF Extra-Large Bill Analysis - Current Rates

Nov - Oct

		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	MADQ
Normal Avg Use	65%	22,875	33,072	24,081	27,393	21,782	14,934	5,617	6,062	5,318	6,155	6,874	15,287	189,450	1,067
Normal Avg Use	72%	25,339	36,634	26,674	30,343	24,128	16,543	6,222	6,715	5,890	6,818	7,615	16,934	209,855	1,182
Normal Avg Use	79%	27,802	40,195	29,267	33,293	26,474	18,151	6,826	7,368	6,463	7,481	8,355	18,580	230,255	1,297
Normal Avg Use	86%	30,266	43,757	31,860	36,243	28,819	19,759	7,431	8,020	7,036	8,143	9,095	20,226	250,655	1,412
Normal Avg Use	93%	32,729	47,318	34,454	39,193	31,165	21,368	8,036	8,673	7,608	8,806	9,836	21,873	271,059	1,526
Normal Avg Use	100%	35,193	50,880	37,047	42,143	33,511	22,976	8,641	9,326	8,181	9,469	10,576	23,519	291,462	1,641
Normal Avg Use	107%	37,657	54,442	39,640	45,093	35,857	24,584	9,246	9,979	8,754	10,132	11,316	25,165	311,865	1,756
Normal Avg Use	114%	40,120	58,003	42,234	48,043	38,203	26,193	9,851	10,632	9,326	10,795	12,057	26,812	332,269	1,871
Normal Avg Use	121%	42,584	61,565	44,827	50,993	40,548	27,801	10,456	11,284	9,899	11,457	12,797	28,458	352,669	1,986
Normal Avg Use	128%	45,047	65,126	47,420	53,943	42,894	29,409	11,060	11,937	10,472	12,120	13,537	30,104	373,069	2,101
Normal Avg Use	135%	47,511	68,688	50,013	56,893	45,240	31,018	11,665	12,590	11,044	12,783	14,278	31,751	393,474	2,216

GCR	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	
DAC	(\$0.0031)	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	

Bill Calculation

Base Rates															
Customer Charge		\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	

Base Rates

Normal Avg Use	100%	\$3,002	\$3,548	\$3,066	\$3,244	\$2,943	\$2,577	\$2,078	\$2,102	\$2,062	\$2,107	\$2,145	\$2,596	\$31,469	
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GCR

Normal Avg Use	100%	\$38,920	\$56,268	\$40,970	\$46,606	\$37,060	\$25,409	\$9,556	\$10,314	\$9,047	\$10,472	\$11,696	\$26,010	\$322,328	
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DAC

Normal Avg Use	100%	-\$109	\$15	\$11	\$13	\$10	\$7	\$3	\$3	\$2	\$3	\$3	\$7	-\$32	
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Energy Efficiency

Normal Avg Use	100%	\$377	\$544	\$396	\$451	\$359	\$246	\$92	\$100	\$88	\$101	\$113	\$252	\$3,119	
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Total Bill

Normal Avg Use	100%	\$42,189	\$60,376	\$44,444	\$50,313	\$40,372	\$28,239	\$11,729	\$12,518	\$11,199	\$12,683	\$13,958	\$28,864	\$356,883	
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Bill Impact Analysis: C & I LLF Extra-Lar

C & I LLF Extra-Large Bill Analysis - November 2007 Proposed DAC													Nov - Oct		
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	MADQ
Normal Avg Use	65%	22,875	33,072	24,081	27,393	21,782	14,934	5,617	6,062	5,318	6,155	6,874	15,287	189,450	1,067
Normal Avg Use	72%	25,339	36,634	26,674	30,343	24,128	16,543	6,222	6,715	5,890	6,818	7,615	16,934	209,855	1,182
Normal Avg Use	79%	27,802	40,195	29,267	33,293	26,474	18,151	6,826	7,368	6,463	7,481	8,355	18,580	230,255	1,297
Normal Avg Use	86%	30,266	43,757	31,860	36,243	28,819	19,759	7,431	8,020	7,036	8,143	9,095	20,226	250,655	1,412
Normal Avg Use	93%	32,729	47,318	34,454	39,193	31,165	21,368	8,036	8,673	7,608	8,806	9,836	21,873	271,059	1,526
Normal Avg Use	100%	35,193	50,880	37,047	42,143	33,511	22,976	8,641	9,326	8,181	9,469	10,576	23,519	291,462	1,641
Normal Avg Use	107%	37,657	54,442	39,640	45,093	35,857	24,584	9,246	9,979	8,754	10,132	11,316	25,165	311,865	1,756
Normal Avg Use	114%	40,120	58,003	42,234	48,043	38,203	26,193	9,851	10,632	9,326	10,795	12,057	26,812	332,269	1,871
Normal Avg Use	121%	42,584	61,565	44,827	50,993	40,548	27,801	10,456	11,284	9,899	11,457	12,797	28,458	352,669	1,986
Normal Avg Use	128%	45,047	65,126	47,420	53,943	42,894	29,409	11,060	11,937	10,472	12,120	13,537	30,104	373,069	2,101
Normal Avg Use	135%	47,511	68,688	50,013	56,893	45,240	31,018	11,665	12,590	11,044	12,783	14,278	31,751	393,474	2,216
GCR		\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	\$1.1059	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation															
Base Rates															
Customer Charge		\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Demand	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	\$0.9000	
all therms @	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	\$0.0348	
Base Rates															
Normal Avg Use	100%	\$3,002	\$3,548	\$3,066	\$3,244	\$2,943	\$2,577	\$2,078	\$2,102	\$2,062	\$2,107	\$2,145	\$2,596	\$31,469	
GCR															
Normal Avg Use	100%	\$38,920	\$56,268	\$40,970	\$46,606	\$37,060	\$25,409	\$9,556	\$10,314	\$9,047	\$10,472	\$11,696	\$26,010	\$322,328	
DAC															
Normal Avg Use	100%	-\$123	-\$178	-\$130	-\$148	-\$117	-\$80	-\$30	-\$33	-\$29	-\$33	-\$37	-\$82	-\$1,020	
Energy Efficiency															
Normal Avg Use	100%	\$377	\$544	\$396	\$451	\$359	\$246	\$92	\$100	\$88	\$101	\$113	\$252	\$3,119	
Total Bill															
Normal Avg Use	100%	\$42,175	\$60,182	\$44,303	\$50,153	\$40,244	\$28,151	\$11,696	\$12,482	\$11,168	\$12,647	\$13,917	\$28,775	\$355,895	

Bill Impact Analysis: C & I HLF Extra-Large

C & I HLF Extra-Large Bill Analysis - Current Rates													Nov - Oct		
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	MADQ
Normal Avg Use	65%	14,616	14,163	16,090	24,719	19,269	16,944	15,077	13,238	11,662	12,432	12,932	13,519	184,661	883
Normal Avg Use	72%	16,190	15,688	17,823	27,381	21,344	18,769	16,701	14,664	12,918	13,771	14,325	14,975	204,549	978
Normal Avg Use	79%	17,764	17,213	19,556	30,043	23,419	20,594	18,325	16,089	14,173	15,110	15,718	16,431	224,435	1,073
Normal Avg Use	86%	19,338	18,739	21,288	32,705	25,494	22,418	19,949	17,515	15,429	16,448	17,111	17,887	244,321	1,168
Normal Avg Use	93%	20,912	20,264	23,021	35,367	27,569	24,243	21,572	18,940	16,685	17,787	18,503	19,343	264,206	1,263
Normal Avg Use	100%	22,486	21,789	24,754	38,029	29,644	26,068	23,196	20,366	17,941	19,126	19,896	20,799	284,094	1,358
Normal Avg Use	107%	24,060	23,314	26,487	40,691	31,719	27,893	24,820	21,792	19,197	20,465	21,289	22,255	303,982	1,453
Normal Avg Use	114%	25,634	24,839	28,220	43,353	33,794	29,718	26,443	23,217	20,453	21,804	22,681	23,711	323,867	1,548
Normal Avg Use	121%	27,208	26,365	29,952	46,015	35,869	31,542	28,067	24,643	21,709	23,142	24,074	25,167	343,753	1,643
Normal Avg Use	128%	28,782	27,890	31,685	48,677	37,944	33,367	29,691	26,068	22,964	24,481	25,467	26,623	363,639	1,738
Normal Avg Use	135%	30,356	29,415	33,418	51,339	40,019	35,192	31,315	27,494	24,220	25,820	26,860	28,079	383,527	1,834
GCR		\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	
DAC		(\$0.0031)	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	\$0.0003	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation															
Base Rates															
Customer Charge		\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Demand	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	
all therms @	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	
Base Rates															
Normal Avg Use	100%	\$2,605	\$2,586	\$2,666	\$3,025	\$2,798	\$2,702	\$2,624	\$2,548	\$2,482	\$2,514	\$2,535	\$2,559	\$31,643	
GCR															
Normal Avg Use	100%	\$23,640	\$22,907	\$26,024	\$39,980	\$31,165	\$27,405	\$24,386	\$21,411	\$18,861	\$20,107	\$20,917	\$21,866	\$298,668	
DAC															
Normal Avg Use	100%	-\$70	\$7	\$7	\$11	\$9	\$8	\$7	\$6	\$5	\$6	\$6	\$6	\$9	
Energy Efficiency															
Normal Avg Use	100%	\$241	\$233	\$265	\$407	\$317	\$279	\$248	\$218	\$192	\$205	\$213	\$223	\$3,040	
Total Bill															
Normal Avg Use	100%	\$26,415	\$25,732	\$28,962	\$43,423	\$34,289	\$30,394	\$27,265	\$24,182	\$21,541	\$22,832	\$23,670	\$24,654	\$333,360	

Bill Impact Analysis: C & I HLF Extra-L

C & I HLF Extra-Large Bill Analysis - November 2007 Proposed DAC													Nov - Oct		
		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total	MADQ
Normal Avg Use	65%	14,616	14,163	16,090	24,719	19,269	16,944	15,077	13,238	11,662	12,432	12,932	13,519	184,661	883
Normal Avg Use	72%	16,190	15,688	17,823	27,381	21,344	18,769	16,701	14,664	12,918	13,771	14,325	14,975	204,549	978
Normal Avg Use	79%	17,764	17,213	19,556	30,043	23,419	20,594	18,325	16,089	14,173	15,110	15,718	16,431	224,435	1,073
Normal Avg Use	86%	19,338	18,739	21,288	32,705	25,494	22,418	19,949	17,515	15,429	16,448	17,111	17,887	244,321	1,168
Normal Avg Use	93%	20,912	20,264	23,021	35,367	27,569	24,243	21,572	18,940	16,685	17,787	18,503	19,343	264,206	1,263
Normal Avg Use	100%	22,486	21,789	24,754	38,029	29,644	26,068	23,196	20,366	17,941	19,126	19,896	20,799	284,094	1,358
Normal Avg Use	107%	24,060	23,314	26,487	40,691	31,719	27,893	24,820	21,792	19,197	20,465	21,289	22,255	303,982	1,453
Normal Avg Use	114%	25,634	24,839	28,220	43,353	33,794	29,718	26,443	23,217	20,453	21,804	22,681	23,711	323,867	1,548
Normal Avg Use	121%	27,208	26,365	29,952	46,015	35,869	31,542	28,067	24,643	21,709	23,142	24,074	25,167	343,753	1,643
Normal Avg Use	128%	28,782	27,890	31,685	48,677	37,944	33,367	29,691	26,068	22,964	24,481	25,467	26,623	363,639	1,738
Normal Avg Use	135%	30,356	29,415	33,418	51,339	40,019	35,192	31,315	27,494	24,220	25,820	26,860	28,079	383,527	1,834
GCR		\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	\$1.0513	
DAC		(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	(\$0.0035)	
Energy Efficiency		\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	\$0.0107	
Bill Calculation															
Base Rates															
Customer Charge		\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	
Demand	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	\$1.2500	
all therms @	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	\$0.0270	
Base Rates															
Normal Avg Use	100%	\$2,605	\$2,586	\$2,666	\$3,025	\$2,798	\$2,702	\$2,624	\$2,548	\$2,482	\$2,514	\$2,535	\$2,559	\$31,643	
GCR															
Normal Avg Use	100%	\$23,640	\$22,907	\$26,024	\$39,980	\$31,165	\$27,405	\$24,386	\$21,411	\$18,861	\$20,107	\$20,917	\$21,866	\$298,668	
DAC															
Normal Avg Use	100%	-\$79	-\$76	-\$87	-\$133	-\$104	-\$91	-\$81	-\$71	-\$63	-\$67	-\$70	-\$73	-\$994	
Energy Efficiency															
Normal Avg Use	100%	\$241	\$233	\$265	\$407	\$317	\$279	\$248	\$218	\$192	\$205	\$213	\$223	\$3,040	
Total Bill															
Normal Avg Use	100%	\$26,406	\$25,650	\$28,868	\$43,278	\$34,176	\$30,295	\$27,177	\$24,105	\$21,473	\$22,759	\$23,595	\$24,575	\$332,357	