

October 26, 2007

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: Docket 3859 – Distribution Adjustment Clause 2007**  
**Updated and Revised Attachments PCC-1, PCC-5, PCC-8**

Dear Ms. Massaro:

As a result of an error discovered while preparing responses to the Division's second set of data requests in the above-captioned proceeding, National Grid has updated and revised three (3) attachments previously filed with the Commission. Attached are ten (10) copies of National Grid's Revised Attachment PCC-1 (revised summary of DAC charge), Revised Attachment PCC-5 (on-system margin credit; also attached to Division 2-8 being filed under separate cover) and Revised Attachment PCC-8 (bill impact analysis).

Thank you for your attention to this filing. If you have any questions, please feel free to contact me at (401) 784-7667.

Very truly yours,



Laura S. Olton

Enclosures

cc: Docket 3859 Service List

**Revised Summary of Distribution Adjustment Charge**  
(\$ Per Therm)

Line No.	Description	Reference	Factor
1	System Pressure	Updated Attach. PCC2	\$0.0042
2	Advanced Gas Technology Program (AGT)	PCC Testimony	\$0.0000
3		PCC Testimony	\$0.0000
4	Environmental Response Cost (ERC)	Attach. PCC-4	(\$0.0021)
5	On-System Margin Credits (MC)	Revised Attach. PCC-5	* (\$0.0084)
6	Weather Normalization (WN)	Attach. PCC-6	\$0.0025
7	Earnings Sharing Mechanism (ESM)	PCC Testimony	\$0.0000
8	Reconciliation Factor (R)	Updated Attach. PCC-7	** \$0.0014
9	Subtotal	sum ( [1]:[8] )	(\$0.0024)
10	Uncollectible Percentage	Dkt 3401	2.10%
11	DAC adjusted for uncollectible	[9] / (1 - [10] )	<b>(\$0.0025) per therm</b>

note: \* Reflects corrected on-system margin credit consistent with response to Division Data Request 2-8  
\*\* Incorporates updated reconciliation filed under cover letter dated October 12, 2007

### On-System Margin Credit

Line No.	Description	Reference	Amount
1	FY 2007 Non-Firm Margin in excess of Base Rate Threshold	Page 2	\$3,806,140
2	FY 2006 Adjustment	Page 3	\$90,612
3	Total	[1] + [2]	\$3,896,752
4	Company @ 25%	[3] x 25%	\$974,188
5	<b>Customers @ 75%</b>	[3] x 75%	<b>\$2,922,564</b>
6	Annual Dt Nov 07 - Oct 08		34,670,649 Dth
7	On-System Margin	[5] / [6]	\$0.0843 per Dth
8		[7] / 10	<b>\$0.0084</b> per therm

**On-System Margin Credit - FY2007**

	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Total
	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	
<b>Non-firm (dth)</b>													
Sales	141,339	110,560	89,322	97,212	104,042	103,504	62,598	24,346	67,182	84,084	76,673	87,739	1,048,601
Transportation	239,815	183,738	172,306	207,742	139,033	97,318	46,666	14,823	60,856	175,922	155,052	161,729	1,655,000
sub-total	381,154	294,298	261,628	304,954	243,075	200,822	109,264	39,169	128,038	260,006	231,725	249,468	2,703,601
<b>Non-firm Revenue</b>													
Sales	\$1,695,760	\$1,457,478	\$918,319	\$918,148	\$1,103,439	\$1,163,240	\$720,335	\$297,350	\$817,780	\$1,027,164	\$891,187	\$1,055,785	\$12,065,985
Transportation	\$155,027	\$127,754	\$78,710	\$294,017	\$155,202	\$70,046	\$47,852	\$22,099	\$156,585	\$203,247	\$113,244	\$70,996	\$1,494,779
sub-total	\$1,850,787	\$1,585,232	\$997,029	\$1,212,165	\$1,258,641	\$1,233,286	\$768,187	\$319,449	\$974,365	\$1,230,411	\$1,004,431	\$1,126,781	\$13,560,764
less GET	\$1,795,138	\$1,537,567	\$967,050	\$1,175,718	\$1,220,796	\$1,196,204	\$745,089	\$309,844	\$945,068	\$1,193,415	\$974,230	\$1,092,901	\$13,153,020
<b>Total Gas Costs</b>	\$928,801	\$860,025	\$599,263	\$447,428	\$794,314	\$940,852	\$432,353	\$125,933	\$532,238	\$703,948	\$633,779	\$747,946	\$7,746,880
NF Margin	\$866,337	\$677,542	\$367,787	\$728,290	\$426,482	\$255,352	\$312,736	\$183,911	\$412,830	\$489,467	\$340,451	\$344,955	\$5,406,140

Sharing Threshold	\$1,600,000
Margin in excess of Base Rate threshold	\$3,806,140
Company @ 25%	\$951,535
<b>Customers @ 75%</b>	<b>\$2,854,605</b>

**On-System Margin Credit - FY2006 Adjustment**

	FY 2006 As Filed -----	FY 2006 Updated -----	Updated vs Filed -----
Non-firm (dth)			
Sales	1,258,036	1,241,284	-16,753
Transportation	1,541,756	1,524,793	-16,963
sub-total	2,799,793	2,766,077	-33,716
 Non-firm Revenue			
Sales	\$15,733,930	\$15,783,806	\$49,876
Transportation	\$804,194	\$819,755	\$15,561
sub-total	\$16,538,124	\$16,603,561	\$65,437
less GET	\$16,040,857	\$16,131,469	\$90,612
		Adjustment to Non Firm Revenues	\$90,612
		Company @ 25%	\$22,653
		<b>    Customers @ 75%</b>	<b>\$67,959</b>

note: Any change in the gas costs would be shifting the gas costs between firm sales service and non-firm. In this case, a reduction to the non-firm gas costs would result in a corresponding increase to the sales service gas costs. Therefore, the Company is not proposing any adjustment for gas costs.

**Revised 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	\$991	\$993	(\$2)	-0.2%	\$0	\$0.00	(\$1.67)	\$0.00
	664	\$1,085	\$1,087	(\$2)	-0.2%	\$0	\$0.00	(\$1.87)	\$0.00
	730	\$1,182	\$1,184	(\$2)	-0.2%	\$0	\$0.00	(\$2.06)	\$0.00
	794	\$1,275	\$1,277	(\$2)	-0.2%	\$0	\$0.00	(\$2.26)	\$0.00
	857	\$1,365	\$1,367	(\$2)	-0.2%	\$0	\$0.00	(\$2.46)	\$0.00
Average Customer	<b>922</b>	<b>\$1,458</b>	<b>\$1,460</b>	<b>(\$3)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0.00</b>	<b>(\$2.62)</b>	<b>\$0.00</b>
	987	\$1,550	\$1,553	(\$3)	-0.2%	\$0	\$0.00	(\$2.82)	\$0.00
	1,051	\$1,641	\$1,644	(\$3)	-0.2%	\$0	\$0.00	(\$2.96)	\$0.00
	1,114	\$1,730	\$1,733	(\$3)	-0.2%	\$0	\$0.00	(\$3.13)	\$0.00
	1,180	\$1,822	\$1,825	(\$3)	-0.2%	\$0	\$0.00	(\$3.30)	\$0.00
	1,247	\$1,916	\$1,919	(\$3)	-0.2%	\$0	\$0.00	(\$3.49)	\$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)	-0.1%	\$0	\$0	(\$0)	\$0
	137	\$300	\$301	(\$0)	-0.1%	\$0	\$0	(\$0)	\$0
	147	\$316	\$316	(\$0)	-0.1%	\$0	\$0	(\$0)	\$0
	161	\$337	\$338	(\$0)	-0.1%	\$0	\$0	(\$0)	\$0
	176	\$360	\$361	(\$1)	-0.1%	\$0	\$0	(\$1)	\$0
Average Customer	<b>189</b>	<b>\$380</b>	<b>\$381</b>	<b>(\$1)</b>	<b>-0.1%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$1)</b>	<b>\$0</b>
	202	\$400	\$401	(\$1)	-0.1%	\$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

**Revised 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	\$1,618	\$1,620	(\$2)	-0.1%	\$0	\$0	(\$2)	\$0
	916	\$1,748	\$1,750	(\$3)	-0.1%	\$0	\$0	(\$3)	\$0
	1,003	\$1,870	\$1,873	(\$3)	-0.2%	\$0	\$0	(\$3)	\$0
	1,092	\$1,995	\$1,998	(\$3)	-0.2%	\$0	\$0	(\$3)	\$0
	1,179	\$2,117	\$2,120	(\$3)	-0.2%	\$0	\$0	(\$3)	\$0
Average Customer	<b>1,269</b>	<b>\$2,241</b>	<b>\$2,244</b>	<b>(\$4)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$4)</b>	<b>\$0</b>
	1,359	\$2,365	\$2,369	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,447	\$2,486	\$2,490	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,535	\$2,608	\$2,612	(\$4)	-0.2%	\$0	\$0	(\$4)	\$0
	1,622	\$2,728	\$2,732	(\$5)	-0.2%	\$0	\$0	(\$5)	\$0
	1,715	\$2,856	\$2,861	(\$5)	-0.2%	\$0	\$0	(\$5)	\$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	\$10,079	\$10,099	(\$20)	-0.2%	\$0	\$0	(\$20)	\$0
	7,884	\$11,107	\$11,129	(\$22)	-0.2%	\$0	\$0	(\$22)	\$0
	8,649	\$12,132	\$12,157	(\$24)	-0.2%	\$0	\$0	(\$24)	\$0
	9,416	\$13,160	\$13,187	(\$26)	-0.2%	\$0	\$0	(\$26)	\$0
	10,185	\$14,191	\$14,220	(\$29)	-0.2%	\$0	\$0	(\$29)	\$0
Average Customer	<b>10,950</b>	<b>\$15,216</b>	<b>\$15,247</b>	<b>(\$31)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$31)</b>	<b>\$0</b>
	11,715	\$16,242	\$16,274	(\$33)	-0.2%	\$0	\$0	(\$33)	\$0
	12,484	\$17,272	\$17,307	(\$35)	-0.2%	\$0	\$0	(\$35)	\$0
	13,251	\$18,300	\$18,337	(\$37)	-0.2%	\$0	\$0	(\$37)	\$0
	14,016	\$19,326	\$19,365	(\$39)	-0.2%	\$0	\$0	(\$39)	\$0
	14,783	\$20,354	\$20,395	(\$41)	-0.2%	\$0	\$0	(\$41)	\$0

**Revised 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	\$52,115	\$52,220	(\$105)	-0.2%	\$0	\$0	(\$105)	\$0
	41,573	\$57,610	\$57,727	(\$116)	-0.2%	\$0	\$0	(\$116)	\$0
	45,616	\$63,108	\$63,236	(\$128)	-0.2%	\$0	\$0	(\$128)	\$0
	49,660	\$68,607	\$68,746	(\$139)	-0.2%	\$0	\$0	(\$139)	\$0
	53,699	\$74,099	\$74,249	(\$150)	-0.2%	\$0	\$0	(\$150)	\$0
Average Customer	<b>57,742</b>	<b>\$79,597</b>	<b>\$79,758</b>	<b>(\$162)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$162)</b>	<b>\$0</b>
	61,785	\$85,094	\$85,267	(\$173)	-0.2%	\$0	\$0	(\$173)	\$0
	65,824	\$90,587	\$90,771	(\$184)	-0.2%	\$0	\$0	(\$184)	\$0
	69,868	\$96,085	\$96,281	(\$196)	-0.2%	\$0	\$0	(\$196)	\$0
	73,911	\$101,583	\$101,790	(\$207)	-0.2%	\$0	\$0	(\$207)	\$0
	77,952	\$107,078	\$107,296	(\$218)	-0.2%	\$0	\$0	(\$218)	\$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	\$47,630	\$47,726	(\$96)	-0.2%	\$0	\$0	(\$96)	\$0
	42,061	\$52,646	\$52,752	(\$107)	-0.2%	\$0	\$0	(\$107)	\$0
	46,151	\$57,660	\$57,777	(\$117)	-0.2%	\$0	\$0	(\$117)	\$0
	50,240	\$62,673	\$62,800	(\$127)	-0.2%	\$0	\$0	(\$127)	\$0
	54,329	\$67,686	\$67,823	(\$138)	-0.2%	\$0	\$0	(\$138)	\$0
Average Customer	<b>58,418</b>	<b>\$72,699</b>	<b>\$72,847</b>	<b>(\$148)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$148)</b>	<b>\$0</b>
	62,508	\$77,713	\$77,871	(\$158)	-0.2%	\$0	\$0	(\$158)	\$0
	66,596	\$82,725	\$82,894	(\$169)	-0.2%	\$0	\$0	(\$169)	\$0
	70,686	\$87,739	\$87,918	(\$179)	-0.2%	\$0	\$0	(\$179)	\$0
	74,775	\$92,752	\$92,941	(\$190)	-0.2%	\$0	\$0	(\$190)	\$0
	78,867	\$97,769	\$97,968	(\$200)	-0.2%	\$0	\$0	(\$200)	\$0



**Revised 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	\$232,781	\$233,234	(\$453)	-0.2%	\$0	\$0	(\$453)	\$0
	209,855	\$257,465	\$257,967	(\$501)	-0.2%	\$0	\$0	(\$501)	\$0
	230,255	\$282,143	\$282,694	(\$550)	-0.2%	\$0	\$0	(\$550)	\$0
	250,655	\$306,822	\$307,421	(\$599)	-0.2%	\$0	\$0	(\$599)	\$0
	271,059	\$331,505	\$332,152	(\$648)	-0.2%	\$0	\$0	(\$648)	\$0
Average Customer	<b>291,462</b>	<b>\$356,187</b>	<b>\$356,883</b>	<b>(\$696)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$696)</b>	<b>\$0</b>
	311,865	\$380,869	\$381,614	(\$745)	-0.2%	\$0	\$0	(\$745)	\$0
	332,269	\$405,551	\$406,345	(\$794)	-0.2%	\$0	\$0	(\$794)	\$0
	352,669	\$430,230	\$431,073	(\$843)	-0.2%	\$0	\$0	(\$843)	\$0
	373,069	\$454,908	\$455,799	(\$891)	-0.2%	\$0	\$0	(\$891)	\$0
	393,474	\$479,592	\$480,532	(\$940)	-0.2%	\$0	\$0	(\$940)	\$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	\$217,476	\$217,944	(\$467)	-0.2%	\$0	\$0	(\$467)	\$0
	204,549	\$240,511	\$241,029	(\$518)	-0.2%	\$0	\$0	(\$518)	\$0
	224,435	\$263,543	\$264,111	(\$568)	-0.2%	\$0	\$0	(\$568)	\$0
	244,321	\$286,575	\$287,194	(\$618)	-0.2%	\$0	\$0	(\$618)	\$0
	264,206	\$309,606	\$310,275	(\$669)	-0.2%	\$0	\$0	(\$669)	\$0
Average Customer	<b>284,094</b>	<b>\$332,641</b>	<b>\$333,360</b>	<b>(\$719)</b>	<b>-0.2%</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$719)</b>	<b>\$0</b>
	303,982	\$355,675	\$356,445	(\$769)	-0.2%	\$0	\$0	(\$769)	\$0
	323,867	\$378,706	\$379,526	(\$820)	-0.2%	\$0	\$0	(\$820)	\$0
	343,753	\$401,739	\$402,609	(\$870)	-0.2%	\$0	\$0	(\$870)	\$0
	363,639	\$424,771	\$425,691	(\$920)	-0.2%	\$0	\$0	(\$920)	\$0
	383,527	\$447,805	\$448,776	(\$971)	-0.2%	\$0	\$0	(\$971)	\$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
<b>Normal Avg Use</b>	<b>100%</b>	<b>62</b>	<b>110</b>	<b>153</b>	<b>154</b>	<b>140</b>	<b>110</b>	<b>62</b>	<b>32</b>	<b>25</b>	<b>20</b>	<b>24</b>	<b>30</b>	<b>922</b>
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		\$0.0003	\$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**

<b>Base Rates</b>														
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
<b>Base Rates</b>														
Normal Avg Use	100%	\$31	\$49	\$62	\$62	\$58	\$49	\$29	\$20	\$18	\$16	\$18	\$20	\$431
<b>GCR</b>														
Normal Avg Use	100%	\$69	\$122	\$169	\$170	\$155	\$122	\$69	\$35	\$28	\$22	\$27	\$33	\$1,019
<b>DAC</b>														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.29
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$1	\$1	\$2	\$2	\$2	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$10
<b>Total Bill</b>														
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>62</b>	<b>110</b>	<b>153</b>	<b>154</b>	<b>140</b>	<b>110</b>	<b>62</b>	<b>32</b>	<b>25</b>	<b>20</b>	<b>24</b>	<b>30</b>	<b>922</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>														
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	
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	
<b>Base Rates</b>														
Normal Avg Use	100%	\$31	\$49	\$62	\$62	\$58	\$49	\$29	\$20	\$18	\$16	\$18	\$20	\$431
<b>GCR</b>														
Normal Avg Use	100%	\$69	\$122	\$169	\$170	\$155	\$122	\$69	\$35	\$28	\$22	\$27	\$33	\$1,019
<b>DAC</b>														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$2.33
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$1	\$1	\$2	\$2	\$2	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$10
<b>Total Bill</b>														
Normal Avg Use	100%	\$100	\$171	\$232	\$234	\$214	\$171	\$98	\$56	\$46	\$38	\$44	\$53	\$1,458

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>15</b>	<b>18</b>	<b>22</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>17</b>	<b>13</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>189</b>
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	
<b>Bill Calculation</b>														
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	
<b>Base Rates</b>														
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
<b>GCR</b>														
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
<b>DAC</b>														
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
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2
<b>Total Bill</b>														
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>15</b>	<b>18</b>	<b>22</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>17</b>	<b>13</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>189</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>														
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	
<b>Base Rates</b>														
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
<b>GCR</b>														
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
<b>DAC</b>														
Normal Avg Use	100%	-\$0.04	-\$0.05	-\$0.06	-\$0.05	-\$0.05	-\$0.05	-\$0.04	-\$0.03	-\$0.03	-\$0.03	-\$0.03	-\$0.03	\$0
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2
<b>Total Bill</b>														
Normal Avg Use	100%	\$30.53	\$35.14	\$41.29	\$38.21	\$36.67	\$36.67	\$33.60	\$27.46	\$25.93	\$22.86	\$25.93	\$25.93	\$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
<b>Normal Avg Use</b>	<b>100%</b>	<b>73</b>	<b>151</b>	<b>218</b>	<b>233</b>	<b>209</b>	<b>151</b>	<b>73</b>	<b>37</b>	<b>29</b>	<b>25</b>	<b>30</b>	<b>40</b>	<b>1,269</b>
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	
<b>Bill Calculation</b>														
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	
<b>Base Rates</b>														
Normal Avg Use	100%	\$41	\$68	\$86	\$90	\$83	\$68	\$120	\$62	\$49	\$43	\$51	\$67	\$828
<b>GCR</b>														
Normal Avg Use	100%	\$81	\$167	\$241	\$257	\$231	\$167	\$81	\$41	\$32	\$28	\$33	\$44	\$1,402
<b>DAC</b>														
Normal Avg Use	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$1	\$2	\$2	\$2	\$2	\$2	\$1	\$0	\$0	\$0	\$0	\$0	\$14
<b>Total Bill</b>														
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>73</b>	<b>151</b>	<b>218</b>	<b>233</b>	<b>209</b>	<b>151</b>	<b>73</b>	<b>37</b>	<b>29</b>	<b>25</b>	<b>30</b>	<b>40</b>	<b>1,269</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>														
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	
<b>Base Rates</b>														
Normal Avg Use	100%	\$41	\$68	\$86	\$90	\$83	\$68	\$120	\$62	\$49	\$43	\$51	\$67	\$828
<b>GCR</b>														
Normal Avg Use	100%	\$81	\$167	\$241	\$257	\$231	\$167	\$81	\$41	\$32	\$28	\$33	\$44	\$1,402
<b>DAC</b>														
Normal Avg Use	100%	\$0	\$0	-\$1	-\$1	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$3
<b>Energy Efficiency</b>														
Normal Avg Use	100%	\$1	\$2	\$2	\$2	\$2	\$2	\$1	\$0	\$0	\$0	\$0	\$0	\$14
<b>Total Bill</b>														
Normal Avg Use	100%	\$122	\$236	\$328	\$349	\$316	\$236	\$201	\$103	\$81	\$71	\$84	\$111	\$2,241

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>755</b>	<b>1,264</b>	<b>1,705</b>	<b>1,763</b>	<b>1,613</b>	<b>1,236</b>	<b>752</b>	<b>417</b>	<b>347</b>	<b>305</b>	<b>360</b>	<b>433</b>	<b>10,950</b>	<b>63</b>
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		
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
Normal Avg Use	100%	\$231	\$318	\$394	\$404	\$378	\$314	\$231	\$173	\$161	\$154	\$163	\$176	\$3,098	
<b>GCR</b>															
Normal Avg Use	100%	\$829	\$1,389	\$1,873	\$1,937	\$1,772	\$1,358	\$826	\$458	\$381	\$335	\$395	\$476	\$12,029	
<b>DAC</b>															
Normal Avg Use	100%	\$0	\$0	\$1	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$8	\$14	\$18	\$19	\$17	\$13	\$8	\$4	\$4	\$3	\$4	\$5	\$117	
<b>Total Bill</b>															
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>755</b>	<b>1,264</b>	<b>1,705</b>	<b>1,763</b>	<b>1,613</b>	<b>1,236</b>	<b>752</b>	<b>417</b>	<b>347</b>	<b>305</b>	<b>360</b>	<b>433</b>	<b>10,950</b>	<b>63</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)		
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	
<b>Base Rates</b>															
Normal Avg Use	100%	\$231	\$318	\$394	\$404	\$378	\$314	\$231	\$173	\$161	\$154	\$163	\$176	\$3,098	
<b>GCR</b>															
Normal Avg Use	100%	\$829	\$1,389	\$1,873	\$1,937	\$1,772	\$1,358	\$826	\$458	\$381	\$335	\$395	\$476	\$12,029	
<b>DAC</b>															
Normal Avg Use	100%	-\$2	-\$3	-\$4	-\$4	-\$4	-\$3	-\$2	-\$1	-\$1	-\$1	-\$1	-\$1	-\$27	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$8	\$14	\$18	\$19	\$17	\$13	\$8	\$4	\$4	\$3	\$4	\$5	\$117	
<b>Total Bill</b>															
Normal Avg Use	100%	\$1,067	\$1,717	\$2,281	\$2,355	\$2,163	\$1,682	\$1,063	\$635	\$545	\$492	\$562	\$655	\$15,216	

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>4,135</b>	<b>7,372</b>	<b>9,593</b>	<b>10,342</b>	<b>9,409</b>	<b>6,482</b>	<b>3,760</b>	<b>1,581</b>	<b>1,115</b>	<b>811</b>	<b>1,089</b>	<b>2,053</b>	<b>57,742</b>	<b>369</b>
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	
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
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	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	\$1	\$2	\$3	\$3	\$3	\$2	\$1	\$0	\$0	\$0	\$0	\$1	\$17	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$44	\$79	\$103	\$111	\$101	\$69	\$40	\$17	\$12	\$9	\$12	\$22	\$618	
<b>Total Bill</b>															
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>4,135</b>	<b>7,372</b>	<b>9,593</b>	<b>10,342</b>	<b>9,409</b>	<b>6,482</b>	<b>3,760</b>	<b>1,581</b>	<b>811</b>	<b>1,089</b>	<b>2,053</b>	<b>57,742</b>	<b>369</b>	
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)		
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		
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
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	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$10	-\$18	-\$24	-\$26	-\$24	-\$16	-\$9	-\$4	-\$3	-\$2	-\$3	-\$5	-\$144	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$44	\$79	\$103	\$111	\$101	\$69	\$40	\$17	\$12	\$9	\$12	\$22	\$618	
<b>Total Bill</b>															
Normal Avg Use	100%	\$5,759	\$9,937	\$12,804	\$13,771	\$12,567	\$8,789	\$5,275	\$2,463	\$1,862	\$1,469	\$1,828	\$3,072	\$79,597	

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>4,565</b>	<b>5,974</b>	<b>6,697</b>	<b>5,950</b>	<b>6,359</b>	<b>5,816</b>	<b>4,513</b>	<b>4,242</b>	<b>3,308</b>	<b>3,105</b>	<b>4,001</b>	<b>3,888</b>	<b>58,418</b>	<b>216</b>
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**

<b>Base Rates</b>															
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	
<b>Base Rates</b>															
Normal Avg Use	100%	\$800	\$936	\$1,006	\$934	\$973	\$921	\$795	\$769	\$679	\$659	\$746	\$735	\$9,952	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$14	\$2	\$2	\$2	\$2	\$2	\$1	\$1	\$1	\$1	\$1	\$1	\$2	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$49	\$64	\$72	\$64	\$68	\$62	\$48	\$45	\$35	\$33	\$43	\$42	\$625	
<b>Total Bill</b>															
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>4,565</b>	<b>5,974</b>	<b>6,697</b>	<b>5,950</b>	<b>6,359</b>	<b>5,816</b>	<b>4,513</b>	<b>4,242</b>	<b>3,308</b>	<b>3,105</b>	<b>4,001</b>	<b>3,888</b>	<b>58,418</b>	<b>216</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
Normal Avg Use	100%	\$800	\$936	\$1,006	\$934	\$973	\$921	\$795	\$769	\$679	\$659	\$746	\$735	\$9,952	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$11	-\$15	-\$17	-\$15	-\$16	-\$15	-\$11	-\$11	-\$8	-\$8	-\$10	-\$10	-\$146	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$49	\$64	\$72	\$64	\$68	\$62	\$48	\$45	\$35	\$33	\$43	\$42	\$625	
<b>Total Bill</b>															
Normal Avg Use	100%	\$5,703	\$7,353	\$8,199	\$7,325	\$7,803	\$7,168	\$5,643	\$5,325	\$4,232	\$3,994	\$5,043	\$4,911	\$72,699	

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>35,193</b>	<b>50,880</b>	<b>37,047</b>	<b>42,143</b>	<b>33,511</b>	<b>22,976</b>	<b>8,641</b>	<b>9,326</b>	<b>8,181</b>	<b>9,469</b>	<b>10,576</b>	<b>23,519</b>	<b>291,462</b>	<b>1,641</b>
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>35,193</b>	<b>50,880</b>	<b>37,047</b>	<b>42,143</b>	<b>33,511</b>	<b>22,976</b>	<b>8,641</b>	<b>9,326</b>	<b>8,181</b>	<b>9,469</b>	<b>10,576</b>	<b>23,519</b>	<b>291,462</b>	<b>1,641</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
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	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$88	-\$127	-\$93	-\$105	-\$84	-\$57	-\$22	-\$23	-\$20	-\$24	-\$26	-\$59	-\$729	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$377	\$544	\$396	\$451	\$359	\$246	\$92	\$100	\$88	\$101	\$113	\$252	\$3,119	
<b>Total Bill</b>															
Normal Avg Use	100%	\$42,210	\$60,233	\$44,340	\$50,195	\$40,278	\$28,174	\$11,705	\$12,492	\$11,176	\$12,656	\$13,928	\$28,798	\$356,187	

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
<b>Normal Avg Use</b>	<b>100%</b>	<b>22,486</b>	<b>21,789</b>	<b>24,754</b>	<b>38,029</b>	<b>29,644</b>	<b>26,068</b>	<b>23,196</b>	<b>20,366</b>	<b>17,941</b>	<b>19,126</b>	<b>19,896</b>	<b>20,799</b>	<b>284,094</b>	<b>1,358</b>
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	
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
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	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$70	\$7	\$7	\$11	\$9	\$8	\$7	\$6	\$5	\$6	\$6	\$6	\$9	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$241	\$233	\$265	\$407	\$317	\$279	\$248	\$218	\$192	\$205	\$213	\$223	\$3,040	
<b>Total Bill</b>															
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
<b>Normal Avg Use</b>	<b>100%</b>	<b>22,486</b>	<b>21,789</b>	<b>24,754</b>	<b>38,029</b>	<b>29,644</b>	<b>26,068</b>	<b>23,196</b>	<b>20,366</b>	<b>17,941</b>	<b>19,126</b>	<b>19,896</b>	<b>20,799</b>	<b>284,094</b>	<b>1,358</b>
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		(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	(\$0.0025)	
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	
<b>Bill Calculation</b>															
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	
<b>Base Rates</b>															
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	
<b>GCR</b>															
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	
<b>DAC</b>															
Normal Avg Use	100%	-\$56	-\$54	-\$62	-\$95	-\$74	-\$65	-\$58	-\$51	-\$45	-\$48	-\$50	-\$52	-\$710	
<b>Energy Efficiency</b>															
Normal Avg Use	100%	\$241	\$233	\$265	\$407	\$317	\$279	\$248	\$218	\$192	\$205	\$213	\$223	\$3,040	
<b>Total Bill</b>															
Normal Avg Use	100%	\$26,429	\$25,671	\$28,893	\$43,316	\$34,206	\$30,321	\$27,200	\$24,125	\$21,491	\$22,778	\$23,615	\$24,596	\$332,641	

## Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate were hand-delivered, electronically transmitted and delivered via U.S. Mail to the individuals listed below on October 26, 2007.



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Joanne M. Scanlon  
National Grid

### **Docket No. 3859 – National Grid – Annual Distribution Adjustment Clause Filing (“DAC”) - Service List as of 9/12/07**

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