

NHPUC No. 3 - Electricity Delivery  
Unitil Energy Systems, Inc.

FifthFourth Revised Page 74  
Superseding FourthThird Revised Page 74

### CALCULATION OF THE DEFAULT SERVICE CHARGE

<u>Non-G1 Class Default Service:</u>	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Feb-09</u>	<u>Mar-09</u>	<u>Apr-09</u>	<u>Total</u>
1 Reconciliation	(\$18,526)	(\$21,333)	(\$22,489)	(\$19,089)	(\$20,672)	(\$17,412)	(\$119,521)
2 Total Costs	<u>\$6,933,625</u>	<u>\$8,391,504</u>	<u>\$10,172,696</u>	<u>\$8,796,282</u>	<u>\$8,254,262</u>	<u>\$6,367,465</u>	<u>\$48,915,824</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$6,915,099	\$8,370,171	\$10,150,207	\$8,777,194	\$8,233,590	\$6,350,053	\$48,796,313
4 kWh Purchases	<u>71,606,417</u>	<u>82,454,457</u>	<u>86,923,116</u>	<u>73,780,506</u>	<u>79,902,110</u>	<u>67,299,007</u>	<u>461,965,613</u>
5 Total, Before Losses (L.3 / L.4)	\$0.09657	\$0.10151	\$0.11677	\$0.11896	\$0.10305	\$0.09436	\$0.10563
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
Total Retail Rate - Variable Default Service Charge (L.5 * (1+L.6))	\$0.10275	\$0.10801	\$0.12425	\$0.12658	\$0.10964	\$0.10039	
Total Retail Rate - Fixed Default Service Charge (L.5 * (1+L.6))							\$0.11239
<u>Non-G1 Class Default Service:</u>	<u>May-09</u>	<u>Jun-09</u>	<u>Jul-09</u>	<u>Aug-09</u>	<u>Sep-09</u>	<u>Oct-09</u>	<u>Total</u>
1 Reconciliation	(\$1,360)	(\$1,271)	(\$1,298)	(\$1,569)	(\$1,695)	(\$1,485)	(\$8,679)
2 Total Costs	<u>\$5,259,082</u>	<u>\$5,124,615</u>	<u>\$5,536,308</u>	<u>\$6,955,721</u>	<u>\$6,681,888</u>	<u>\$5,960,663</u>	<u>\$35,518,278</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$5,257,722	\$5,123,344	\$5,535,009	\$6,954,153	\$6,680,193	\$5,959,178	\$35,509,599
4 kWh Purchases	<u>68,709,205</u>	<u>64,209,668</u>	<u>65,592,242</u>	<u>79,243,171</u>	<u>85,622,149</u>	<u>75,026,129</u>	<u>438,402,564</u>
5 Total, Before Losses (L.3 / L.4)	\$0.07652	\$0.07979	\$0.08439	\$0.08776	\$0.07802	\$0.07943	\$0.08100
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
Total Retail Rate - Variable Default Service Charge (L.5 * (1+L.6))	\$0.08142	\$0.08490	\$0.08979	\$0.09337	\$0.08301	\$0.08451	
Total Retail Rate - Fixed Default Service Charge (L.5 * (1+L.6))							\$0.08618

Authorized by NHPUC Order No. 24,897 in Case No. ~~DE 08-015~~, dated ~~September 19, 2008~~

NHPUC No. 3 - Electricity Delivery  
Unitil Energy Systems, Inc.

Tenth~~Ninth~~ Revised Page 75  
Superseding Ninth~~Eighth~~ Page 75

### CALCULATION OF THE DEFAULT SERVICE CHARGE

<u><b>G1 Class Default Service:</b></u>	<u><b>Feb-09</b></u>	<u><b>Mar-09</b></u>	<u><b>Apr-09</b></u>	<u><b>Total</b></u>
1 Reconciliation	\$34,475	\$35,336	\$33,274	\$103,085
2 Total Costs	<u>\$790,193</u>	<u>\$709,560</u>	<u>\$661,068</u>	<u>\$2,160,821</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$824,668	\$744,897	\$694,342	\$2,263,906
4 kWh Purchases	<u>7,978,027</u>	<u>8,177,443</u>	<u>7,700,165</u>	<u>23,855,635</u>
5 Total, Before Losses (L.3 / L.4)	\$0.10337	\$0.09109	\$0.09017	
6 Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
Total Retail Rate - Variable Default Service				
7 Charge (L.5 * (1+L.6))	\$0.10811	\$0.09527	\$0.09431	
<u><b>G1 Class Default Service:</b></u>	<u><b>May-09</b></u>	<u><b>Jun-09</b></u>	<u><b>Jul-09</b></u>	<u><b>Total</b></u>
1 Reconciliation	\$33,725	\$33,977	\$38,339	\$106,040
2 Total Costs	<u>\$487,556</u>	<u>\$508,139</u>	<u>\$638,608</u>	<u>\$1,634,304</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$521,281	\$542,116	\$676,947	\$1,740,344
4 kWh Purchases	<u>7,802,386</u>	<u>7,860,745</u>	<u>8,869,945</u>	<u>24,533,076</u>
5 Total, Before Losses (L.3 / L.4)	\$0.06681	\$0.06896	\$0.07632	
6 Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
Total Retail Rate - Variable Default Service				
7 Charge (L.5 * (1+L.6))	\$0.06988	\$0.07213	\$0.07982	

Authorized by NHPUC Order No. ~~24,921~~ in Case No. DE ~~08-015~~, dated ~~December 12, 2008~~

Issued: March 13, 2009~~December 5, 2008~~  
Effective: May~~February~~ 1, 2009

Issued By: Mark H. Collin  
Treasurer

Unitil Energy Systems, Inc.  
Calculation of Non-G1 Class Default Service Charge

Schedule LSM-2  
Page 1 of 5

	<u>May-09 Estimated</u>	<u>Jun-09 Estimated</u>	<u>Jul-09 Estimated</u>	<u>Aug-09 Estimated</u>	<u>Sep-09 Estimated</u>	<u>Oct-09 Estimated</u>	<u>Total</u>
<b><u>Non-G1 Class Default Service:</u></b>							
1 Reconciliation (1)	(\$1,360)	(\$1,271)	(\$1,298)	(\$1,569)	(\$1,695)	(\$1,485)	(\$8,679)
2 Total Costs (Page 5)	<u>\$5,259,082</u>	<u>\$5,124,615</u>	<u>\$5,536,308</u>	<u>\$6,955,721</u>	<u>\$6,681,888</u>	<u>\$5,960,663</u>	<u>\$35,518,278</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$5,257,722	\$5,123,344	\$5,535,009	\$6,954,153	\$6,680,193	\$5,959,178	\$35,509,599
4 kWh Purchases	<u>68,709,205</u>	<u>64,209,668</u>	<u>65,592,242</u>	<u>79,243,171</u>	<u>85,622,149</u>	<u>75,026,129</u>	<u>438,402,564</u>
5 Total, Before Losses (L.3 / L.4)	\$0.07652	\$0.07979	\$0.08439	\$0.08776	\$0.07802	\$0.07943	\$0.08100
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
7 Total Retail Rate - Variable Default Service Charge (L.5 * (1+L.6))	\$0.08142	\$0.08490	\$0.08979	\$0.09337	\$0.08301	\$0.08451	
8 Total Retail Rate - Fixed Default Service Charge (L.5 * (1+L.6))							\$0.08618

(1) Balance as of January 31, 2009 modified, as detailed below, to reflect that current rates (through April 30, 2009) include a credit for the overcollection as of January 31, 2008 and to reflect accruals for RPS. Figure is then allocated between rate periods (May-October 2009 and November 2009-April 2010) and then to each month, May through October 2009, on equal per kWh basis.

January 31, 2009 actual balance - Schedule LSM-2, Page 2 (\$1,259,276)

less: Estimated remaining credit for January 31, 2008 reconciliation - Feb, Mar, Apr 2009

Estimated kWh Sales Feb-Apr 2009 207,855,114

Amount of reconciliation in current rate (\$0.00028)

Estimated amount of reconciliation to be credited Feb-Apr 2009 (\$58,199)

plus: Non-G1 Class RPS amounts included in rate filings, Jan 2008-Jan 2009 \$1,183,543

Total reconciliation for May 1, 2009-April 30, 2010 (\$17,533)

kWh purchases forecast May-October 2009 438,402,564 49.50%

kWh purchases forecast November 2009-April 2010 447,308,596 50.50%

Total 885,711,160

Reconciliation amount for May-October 2009 (\$8,679)

Reconciliation amount for November 2009-April 2010 (\$8,854)

Total (\$17,533)

Unitil Energy Systems, Inc.  
Reconciliation of Non-G1 Class Default Service Costs and Revenues

Schedule LSM-2  
Page 2 of 5

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	Beginning Balance	Total Costs (Page 3)	Total Revenue (Page 4)	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Feb-08	(\$1,671,560)	\$7,667,733	\$6,420,458	(\$424,285)	(\$1,047,923)	7.50%	29	(\$6,227)	(\$430,512)
Mar-08	(\$430,512)	\$6,828,085	\$6,270,901	\$126,671	(\$151,921)	7.50%	31	(\$965)	\$125,706
Apr-08	\$125,706	\$5,298,420	\$5,441,402	(\$17,276)	\$54,215	6.00%	30	\$267	(\$17,009)
May-08	(\$17,009)	\$5,535,686	\$6,480,410	(\$961,734)	(\$489,371)	6.00%	31	(\$2,487)	(\$964,221)
Jun-08	(\$964,221)	\$6,806,640	\$7,233,512	(\$1,391,092)	(\$1,177,656)	6.00%	30	(\$5,792)	(\$1,396,884)
Jul-08	(\$1,396,884)	\$8,857,886	\$8,610,841	(\$1,149,839)	(\$1,273,361)	5.00%	31	(\$5,393)	(\$1,155,231)
Aug-08	(\$1,155,231)	\$8,029,699	\$6,980,067	(\$105,600)	(\$630,416)	5.00%	31	(\$2,670)	(\$108,270)
Sep-08	(\$108,270)	\$6,412,105	\$7,619,630	(\$1,315,795)	(\$712,033)	5.00%	30	(\$2,918)	(\$1,318,713)
Oct-08	(\$1,318,713)	\$6,245,799	\$6,595,730	(\$1,668,644)	(\$1,493,679)	5.00%	31	(\$6,326)	(\$1,674,970)
Nov-08	(\$1,674,970)	\$6,733,499	\$6,817,461	(\$1,758,931)	(\$1,716,950)	5.00%	30	(\$7,037)	(\$1,765,968)
Dec-08	(\$1,765,968)	\$7,267,682	\$7,490,168	(\$1,988,454)	(\$1,877,211)	5.00%	31	(\$7,950)	(\$1,996,404)
Jan-09	(\$1,996,404)	<u>\$10,056,975</u>	<u>\$9,318,651</u>	(\$1,258,081)	(\$1,627,242)	4.00%	31	<u>(\$1,195)(1)</u>	(\$1,259,276)
Total		\$85,740,210	\$85,279,233					(\$48,692)	

(1) Includes \$4,333.35 to adjust interest related to adjustment made to working capital (see page 3).

<p>Calculation of Working Capital Supplier Charges and GIS Support Payments</p>													
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Total Non-G1 Class DS Supplier Charges	GIS Support Payments	Number of Days of Lag / 365	Working Capital Requirement ((a+b)*c)	Prime Rate	Supply Related Working Capital (d * e)	Renewable Energy Credits	Working Capital associated with Renewable Energy Credits	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + f + g + h + i + j + k + l)	
Feb-08	\$7,634,820	\$0	1.96%	\$149,768	7.50%	\$11,233	\$0	\$0	\$19,385	\$2,296	\$0	\$0	\$7,667,733
Mar-08	\$6,790,980	\$63	1.96%	\$133,216	7.50%	\$9,991	\$0	\$0	\$24,754	\$2,296	\$0	\$0	\$6,828,085
Apr-08	\$5,258,012	\$642	1.96%	\$103,156	6.00%	\$6,189	\$0	\$0	\$30,049	\$2,296	\$0	\$1,232	\$5,298,420
May-08	\$5,514,976	\$624	1.96%	\$108,196	6.00%	\$6,492	\$0	\$0	\$11,298	\$2,296	\$0	\$0	\$5,535,686
Jun-08	\$6,735,294	\$533	1.96%	\$132,133	6.00%	\$7,928	\$0	\$0	\$60,589	\$2,296	\$0	\$0	\$6,806,640
Jul-08	\$8,808,180	\$515	1.96%	\$172,795	5.00%	\$8,640	\$0	\$0	\$37,658	\$2,296	\$206	\$391	\$8,857,886
Aug-08	\$7,977,076	\$641	1.96%	\$156,494	5.00%	\$7,825	\$0	\$0	\$41,861	\$2,296	\$0	\$0	\$8,029,699
Sep-08	\$6,390,204	\$758	1.96%	\$125,368	5.00%	\$6,268	\$0	\$0	\$12,579	\$2,296	\$0	\$0	\$6,412,105
Oct-08	\$6,231,185	\$684	1.96%	\$122,247	5.00%	\$6,112	\$0	\$0	\$5,299	\$2,296	\$0	\$224	\$6,245,799
Nov-08	\$6,704,693	\$624	1.96%	\$131,534	5.00%	\$6,577	\$0	\$0	\$19,241	\$2,366	\$0	\$0	\$6,733,499
Dec-08	\$7,238,208	\$582	1.96%	\$141,999	5.00%	\$7,100	\$0	\$0	\$19,426	\$2,366	\$0	\$0	\$7,267,682
Jan-09	<u>\$9,938,462</u>	<u>\$613</u>	2.81%	\$279,111	4.00%	<u>\$89,726 (1)</u>	<u>\$0</u>	<u>\$0</u>	<u>\$25,809</u>	<u>\$2,366</u>	<u>\$0</u>	<u>\$0</u>	<u>\$10,056,975</u>
Total	\$85,222,090	\$6,281				\$174,081	\$0	\$0	\$307,948	\$27,756	\$206	\$1,847	\$85,740,210

(1) Includes \$78,561.51 to adjust supply related working capital for the period May 2007-December 2008 to use 10.25 days lag from the 2006 Lead/Lag Study.

Unitil Energy Systems, Inc.  
Non-G1 Class Default Service Revenue

Schedule LSM-2  
Page 4 of 5

	(a) Total Non-G1 Class Billed Default Service kWh (1)	(b) Unbilled Factor (2)	(c) Non-G1 Class Unbilled kWh (a * b)	(d) Effective Fixed DSC	(e) Non-G1 Class Unbilled Default Service Revenue (c * d)	(f) Reversal of prior month unbilled	(g) Total Billed Non- G1 Class Default Service Revenue (1)	(h) Total Revenue (e + f + g)
Feb-08	72,165,177	54.15%	39,079,418	\$0.09534	\$3,725,832	(\$4,192,289)	\$6,886,915	\$6,420,458
Mar-08	68,126,415	53.83%	36,670,847	\$0.09534	\$3,496,199	(\$3,725,832)	\$6,500,534	\$6,270,901
Apr-08	63,018,193	48.83%	30,774,712	\$0.09534	\$2,934,061	(\$3,496,199)	\$6,003,540	\$5,441,402
May-08	59,179,105	58.75%	34,770,469	\$0.10291	\$3,578,229	(\$2,934,061)	\$5,836,242	\$6,480,410
Jun-08	63,941,455	64.35%	41,149,252	\$0.10291	\$4,234,669	(\$3,578,229)	\$6,577,071	\$7,233,512
Jul-08	76,628,016	62.84%	48,155,064	\$0.10291	\$4,955,638	(\$4,234,669)	\$7,889,873	\$8,610,841
Aug-08	77,756,087	48.97%	38,078,967	\$0.10291	\$3,918,706	(\$4,955,638)	\$8,016,999	\$6,980,067
Sep-08	72,714,928	54.12%	39,350,471	\$0.10291	\$4,049,557	(\$3,918,706)	\$7,488,780	\$7,619,630
Oct-08	63,674,878	62.57%	39,838,528	\$0.10291	\$4,099,783	(\$4,049,557)	\$6,545,504	\$6,595,730
Nov-08	63,812,311	56.99%	36,367,508	\$0.11239	\$4,087,344	(\$4,099,783)	\$6,829,900	\$6,817,461
Dec-08	66,577,762	54.76%	36,456,499	\$0.11239	\$4,097,346	(\$4,087,344)	\$7,480,167	\$7,490,168
Jan-09	<u>79,791,404</u>	49.51%	39,504,274	\$0.11239	<u>\$4,439,885</u>	<u>(\$4,097,346)</u>	<u>\$8,976,112</u>	<u>\$9,318,651</u>
Total	827,385,732				\$47,617,249	(\$47,369,653)	\$85,031,637	\$85,279,233

(1) Per billing system

(2) Detail of Unbilled Factors for the Residential, Regular General, and Outdoor Lighting Classes:

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Feb-08	75,581,799	40,929,612	54.15%
Mar-08	71,241,739	38,347,752	53.83%
Apr-08	66,137,308	32,297,921	48.83%
May-08	62,227,498	36,561,541	58.75%
Jun-08	67,304,951	43,313,815	64.35%
Jul-08	78,892,677	49,578,236	62.84%
Aug-08	79,347,604	38,858,370	48.97%
Sep-08	74,199,007	40,153,597	54.12%
Oct-08	65,077,553	40,716,119	62.57%
Nov-08	65,066,388	37,082,223	56.99%
Dec-08	68,540,515	37,531,259	54.76%
Jan-09	82,095,096	40,644,819	49.51%

	(a)	(b)	(c)	<i>Calculation of Working Capital</i>				(h)	(i)	(j)	(k)	(l)
				(d)	(e)	(f)	(g)					
	Total Non-G1 Class DS Supplier Charges (1)	GIS Support Payments	Renewable Energy Credits (2)	Number of Days of Lag 12.86 / 365	Working Capital Requirement ((a+b+c)*d)	Prime Rate	Supply Related Working Capital (e * f)	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + c + g + h + i + j + k)
May-09	\$5,094,974	\$593	\$115,490	3.52%	\$183,601	3.25%	\$5,967	\$39,692	\$2,366	\$0	\$0	\$5,259,082
Jun-09	\$4,964,213	\$640	\$107,927	3.52%	\$178,729	3.25%	\$5,809	\$43,661	\$2,366	\$0	\$0	\$5,124,615
Jul-09	\$5,372,975	\$776	\$110,251	3.52%	\$193,217	3.25%	\$6,280	\$43,661	\$2,366	\$0	\$0	\$5,536,308
Aug-09	\$6,767,833	\$763	\$133,196	3.52%	\$243,170	3.25%	\$7,903	\$43,661	\$2,366	\$0	\$0	\$6,955,721
Sep-09	\$6,491,620	\$663	\$143,918	3.52%	\$233,812	3.25%	\$7,599	\$35,723	\$2,366	\$0	\$0	\$6,681,888
Oct-09	\$5,796,984	\$639	\$126,108	3.52%	\$208,710	3.25%	\$6,783	\$27,785	\$2,366	\$0	\$0	\$5,960,663
Total	\$34,488,599	\$4,073	\$736,889				\$40,340	\$234,184	\$14,193	\$0	\$0	\$35,518,278

(1) Estimates based on monthly average wholesale rate times estimated monthly purchases.

(2) Schedule RSF-1, Confidential Attachment Tab A, stamped page 14.

Unitil Energy Systems, Inc.  
Calculation of G1 Large General Service Class Default Service Charge

	<u>May-09</u> <u>Estimated</u>	<u>Jun-09</u> <u>Estimated</u>	<u>Jul-09</u> <u>Estimated</u>	<u>Total</u>
<b><u>G1 Class Default Service:</u></b>				
1 Reconciliation (1)	\$33,725	\$33,977	\$38,339	\$106,040
2 Total Costs (Page 5)	<u>\$487,556</u>	<u>\$508,139</u>	<u>\$638,608</u>	<u>\$1,634,304</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$521,281	\$542,116	\$676,947	\$1,740,344
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5 Total, Before Losses (L.3 / L.4)	\$0.06681	\$0.06896	\$0.07632	
6 Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
7 Total Retail Rate - Variable Default Service Charge (L.5 * (1+L.6))	\$0.06988	\$0.07213	\$0.07982	

(1) Balance as of January 31, 2009 modified, as detailed below, to reflect that current rates (through April 30, 2009) include a charge for the undercollection as of January 31, 2008 and to reflect accruals for RPS. Figure is then allocated between rate periods (May-July 2009, August-October 2009, November 2009-January 2010, and February-April 2010) and then to each month, May through July 2009, on equal per kWh basis.

January 31, 2009 actual balance - Schedule LSM-3, Page 2	\$409,839	
less: Estimated remaining charge for January 31, 2008 reconciliation - Feb, Mar, Apr 2009		
Estimated kWh Sales February-April 2009	22,809,173	
Amount of reconciliation in current rate	<u>\$0.00452</u>	
Estimated amount of reconciliation to be collected Feb-Apr 2009	\$103,097	
plus: G1 Class RPS amounts included in rate filings, Jan 2008-Jan 2009	<u>\$124,864</u>	
Total reconciliation for May 1, 2009-April 30, 2010	\$431,605	
kWh purchases forecast May-July 2009	24,533,076	24.57%
kWh purchases forecast August-October 2009	26,631,738	26.67%
kWh purchases forecast November 2009-January 2010	24,576,220	24.61%
kWh purchases forecast February-April 2010	<u>24,113,472</u>	24.15%
Total	99,854,506	
Reconciliation amount for May-July 2009	\$106,040	
Reconciliation amount for August-October 2009	\$115,111	
Reconciliation amount for November 2009-January 2010	\$106,227	
Reconciliation amount for February-April 2010	<u>\$104,227</u>	
Total	\$431,605	



Unitil Energy Systems, Inc.  
Reconciliation of G1 Class Default Service Charge Costs and Revenues

Schedule LSM-3  
Page 2 of 5

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	Beginning Balance	Total Costs (Page 3)	Total Revenue (Page 4)	Ending Balance Before Interest (a + b - c)	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
Feb-08	\$762,813	\$684,791	\$818,321	\$629,283	\$696,048	7.50%	29	\$4,136	\$633,420
Mar-08	\$633,420	\$625,699	\$682,850	\$576,269	\$604,845	7.50%	31	\$3,842	\$580,112
Apr-08	\$580,112	\$599,290	\$684,578	\$494,824	\$537,468	6.00%	30	\$2,643	\$497,467
May-08	\$497,467	\$756,674	\$879,831	\$374,309	\$435,888	6.00%	31	\$2,215	\$376,525
Jun-08	\$376,525	\$938,383	\$1,000,596	\$314,312	\$345,418	6.00%	30	\$1,699	\$316,010
Jul-08	\$316,010	\$1,542,195	\$2,136,036	(\$277,830)	\$19,090	5.00%	31	\$81	(\$277,749)
Aug-08	(\$277,749)	\$1,902,715	\$1,933,182	(\$308,217)	(\$292,983)	5.00%	31	(\$1,241)	(\$309,457)
Sep-08	(\$309,457)	\$1,553,885	\$1,519,572	(\$275,145)	(\$292,301)	5.00%	30	(\$1,198)	(\$276,343)
Oct-08	(\$276,343)	\$1,541,197	\$1,466,238	(\$201,384)	(\$238,863)	5.00%	31	(\$1,012)	(\$202,395)
Nov-08	(\$202,395)	\$1,066,998	\$716,710	\$147,893	(\$27,251)	5.00%	30	(\$112)	\$147,781
Dec-08	\$147,781	\$1,255,904	\$1,182,334	\$221,351	\$184,566	5.00%	31	\$782	\$222,133
Jan-09	\$222,133	\$1,248,118	\$1,062,427	\$407,823	\$314,978	4.00%	31	\$2,015 (1)	\$409,839
Total		\$13,715,850	\$14,082,676					\$13,851	

(1) Includes \$945.04 to adjust interest related to adjustment made to working capital (see page 3).

**REDACTED**

<div> <div>Calculation of Working Capital</div> <div>Supplier Charges and GIS Support Payments</div> </div>													
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Total G1 Class DS Supplier Charges (1)	GIS Support Payments	Number of Days of Lag / 365	Working Capital Requirement ((a+b)*c)	Prime Rate	Supply Related Working Capital (d * e)	Renewable Energy Credits (2)	Working Capital associated with Renewable Energy Credits	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + f + g + h + i + j + k + l)	
Feb-08	\$677,822	\$0	3.18%	\$21,560	7.50%	\$1,617	\$0	\$0	\$1,894	\$3,459	\$0	\$0	\$684,791
Mar-08	\$618,321	\$6	3.18%	\$19,668	7.50%	\$1,475	\$0	\$0	\$2,438	\$3,459	\$0	\$0	\$625,699
Apr-08	\$591,309	\$68	3.18%	\$18,811	6.00%	\$1,129	\$0	\$0	\$3,195	\$3,459	\$0	\$131	\$599,290
May-08	\$750,234	\$74	3.18%	\$23,866	6.00%	\$1,432	\$0	\$0	\$1,475	\$3,459	\$0	\$0	\$756,674
Jun-08	\$926,464	\$65	3.18%	\$29,471	6.00%	\$1,768	\$0	\$0	\$6,628	\$3,459	\$0	\$0	\$938,383
Jul-08	\$1,529,511	\$90	3.18%	\$48,654	5.00%	\$2,433	\$0	\$0	\$6,598	\$3,459	\$36	\$68	\$1,542,195
Aug-08	\$1,889,285	\$105	3.18%	\$60,098	5.00%	\$3,005	\$0	\$0	\$6,861	\$3,459	\$0	\$0	\$1,902,715
Sep-08	\$1,545,894	\$118	3.18%	\$49,176	5.00%	\$2,459	\$0	\$0	\$1,955	\$3,459	\$0	\$0	\$1,553,885
Oct-08	\$1,534,272	\$113	3.18%	\$48,806	5.00%	\$2,440	\$0	\$0	\$876	\$3,459	\$0	\$37	\$1,541,197
Nov-08	\$1,058,815	\$93	3.18%	\$33,682	5.00%	\$1,684	\$0	\$0	\$2,868	\$3,537	\$0	\$0	\$1,066,998
Dec-08	\$1,247,263	\$91	3.18%	\$39,676	5.00%	\$1,984	\$0	\$0	\$3,029	\$3,537	\$0	\$0	\$1,255,904
Jan-09	<u>REDACTED</u>	<u>\$73</u>	3.70%	REDACTED	4.00%	<u>REDACTED (1)</u>	<u>\$0</u>	<u>\$0</u>	<u>REDACTED</u>	<u>\$3,537</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,248,118</u>
Total	REDACTED	\$897				REDACTED	\$0	\$0	REDACTED	\$41,741	\$36	\$237	\$13,715,850

(1) Includes \$5,878.80 to adjust supply related working capital for the period May 2007-December 2008 to use 10.25 days lag from the 2006 Lead/Lag Study.

Unitil Energy Systems, Inc.  
G1 Class Default Service Revenue

Schedule LSM-3  
Page 4 of 5

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Total G1 Class Billed Default Service kWh (1)	Unbilled Factor (2)	G1 Class Unbilled kWh (a * b)	Effective DSC	G1 Class Unbilled Default Service Revenue (c * d)	Reversal of prior month unbilled	Total Billed G1 Class Default Service Revenue (1)	Total Revenue (e + f + g)
Feb-08	7,050,011	55.32%	3,900,268	\$0.11714	\$456,877	(\$491,001)	\$852,444	\$818,321
Mar-08	6,709,751	54.39%	3,649,722	\$0.10670	\$389,425	(\$456,877)	\$750,302	\$682,850
Apr-08	6,699,928	53.56%	3,588,520	\$0.10311	\$370,012	(\$389,425)	\$703,991	\$684,578
May-08	7,041,711	60.39%	4,252,525	\$0.11451	\$486,957	(\$370,012)	\$762,887	\$879,831
Jun-08	7,779,451	63.79%	4,962,270	\$0.11784	\$584,754	(\$486,957)	\$902,799	\$1,000,596
Jul-08	13,424,977	58.68%	7,877,160	\$0.13143	\$1,035,295	(\$584,754)	\$1,685,495	\$2,136,036
Aug-08	12,744,952	54.18%	6,904,925	\$0.15896	\$1,097,607	(\$1,035,295)	\$1,870,871	\$1,933,182
Sep-08	11,303,266	58.21%	6,579,161	\$0.14115	\$928,649	(\$1,097,607)	\$1,688,530	\$1,519,572
Oct-08	10,524,844	59.06%	6,215,917	\$0.14379	\$893,787	(\$928,649)	\$1,501,100	\$1,466,238
Nov-08	9,512,204	52.33%	4,977,427	\$0.09799	\$487,738	(\$893,787)	\$1,122,759	\$716,710
Dec-08	10,381,808	53.28%	5,531,660	\$0.10800	\$597,419	(\$487,738)	\$1,072,653	\$1,182,334
Jan-09	<u>9,567,025</u>	47.58%	<u>4,551,531</u>	\$0.12171	<u>\$553,967</u>	<u>(\$597,419)</u>	<u>\$1,105,880</u>	<u>\$1,062,427</u>
Total	112,739,928		62,991,087		\$7,882,487	(\$7,819,521)	\$14,019,710	\$14,082,676

(1) Per billing system

(2) Detail of Unbilled Factors for the Large General Class:

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Feb-08	31,442,045	17,394,639	55.32%
Mar-08	29,579,987	16,089,827	54.39%
Apr-08	30,107,711	16,125,865	53.56%
May-08	30,286,522	18,290,187	60.39%
Jun-08	32,423,587	20,682,000	63.79%
Jul-08	34,018,778	19,960,656	58.68%
Aug-08	33,381,894	18,085,549	54.18%
Sep-08	32,950,781	19,179,279	58.21%
Oct-08	30,881,864	18,238,667	59.06%
Nov-08	28,828,771	15,085,159	52.33%
Dec-08	27,413,069	14,606,297	53.28%
Jan-09	28,641,717	13,626,354	47.58%

REDACTED

	(a)	(b)	(c)	<i>Calculation of Working Capital</i>				(h)	(i)	(j)	(k)	(l)
	Total G1 Class DS Supplier Charges (1)	GIS Support Payments	Renewable Energy Credits (2)	Number of Days of Lag 4.29 / 365	Working Capital Requirement ((a+b+c)*d)	Prime Rate	Supply Related Working Capital (e * f)	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + c + g + h + i + j+ k)
May-09	REDACTED	\$66	\$13,115	1.18%	REDACTED	3.25%	REDACTED	REDACTED	\$3,537	\$0	\$0	\$487,556
Jun-09	REDACTED	\$72	\$13,213	1.18%	REDACTED	3.25%	REDACTED	REDACTED	\$3,537	\$0	\$0	\$508,139
Jul-09	REDACTED	<u>\$77</u>	<u>\$14,909</u>	1.18%	REDACTED	3.25%	REDACTED	REDACTED	<u>\$3,537</u>	<u>\$0</u>	<u>\$0</u>	<u>\$638,608</u>
Total	REDACTED	\$215	\$41,236				REDACTED	REDACTED	\$10,612	\$0	\$0	\$1,634,304

(1) Estimates based on monthly wholesale rate times estimated monthly purchases.  
(2) Schedule RSF-1, Confidential Attachment Tab A, stamped page 15.

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts by Rate Component**

**Residential Rate D 500 kWh Bill**

	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$8.40	\$8.40	\$0.00	\$8.40	\$8.40	\$0.00	0.0%
	<u><b>\$/kWh</b></u>	<u><b>\$/kWh</b></u>					
Distribution Charge							
First 250 kWh	\$0.01810	\$0.01810	\$0.00000	\$4.53	\$4.53	\$0.00	0.0%
Excess 250 kWh	\$0.02310	\$0.02310	\$0.00000	\$5.78	\$5.78	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$7.62	\$7.62	\$0.00	0.0%
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	\$4.41	\$4.41	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$1.65	\$1.65	\$0.00	0.0%
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	<u>\$56.20</u>	<u>\$43.09</u>	<u>(\$13.11)</u>	<u>-14.8%</u>
First 250 kWh	\$0.15785	\$0.13164	(\$0.02621)				
Excess 250 kWh	\$0.16285	\$0.13664	(\$0.02621)				
Total Bill				\$88.58	\$75.47	(\$13.11)	-14.8%

\* Impacts do not include the Electricity Consumption Tax.

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts by Rate Component**

<b><u>Regular General G2 Quick Recovery Water Heating and Space Heating 2,000 kWh Typical Bill</u></b>							
	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$3.75	\$3.75	\$0.00	\$3.75	\$3.75	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02088	\$0.02088	\$0.00000	\$41.76	\$41.76	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$30.48	\$30.48	\$0.00	0.0%
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	\$17.64	\$17.64	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$6.60	\$6.60	\$0.00	0.0%
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	<u>\$224.78</u>	<u>\$172.36</u>	<u>(\$52.42)</u>	<u>-16.1%</u>
Total	\$0.16063	\$0.13442	(\$0.02621)	\$321.26	\$268.84	(\$52.42)	-16.1%
Total Bill				\$325.01	\$272.59	(\$52.42)	-16.1%

<b><u>Regular General G2 kWh Meter 125 kWh Typical Bill</u></b>							
	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$8.40	\$8.40	\$0.00	\$8.40	\$8.40	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02975	\$0.02975	\$0.00000	\$3.72	\$3.72	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$1.91	\$1.91	\$0.00	0.0%
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	\$1.10	\$1.10	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$0.41	\$0.41	\$0.00	0.0%
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	<u>\$14.05</u>	<u>\$10.77</u>	<u>(\$3.28)</u>	<u>-11.1%</u>
Total	\$0.16950	\$0.14329	(\$0.02621)	\$21.19	\$17.91	(\$3.28)	-11.1%
Total Bill				\$29.59	\$26.31	(\$3.28)	-11.1%

\* Impacts do not include the Electricity Consumption Tax.

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts by Rate Component**

<b><u>Regular General G2 Demand, 10 kW, 3,000 kWh Typical Bill</u></b>							
	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$11.00	\$11.00	\$0.00	\$11.00	\$11.00	\$0.00	0.0%
	<b><u>All kW</u></b>	<b><u>All kW</u></b>					
Distribution Charge	\$7.03	\$7.03	\$0.00	\$70.30	\$70.30	\$0.00	0.0%
Stranded Cost Charge	\$1.55	\$1.55	\$0.00	\$15.50	\$15.50	\$0.00	0.0%
Total	\$8.58	\$8.58	\$0.00	\$85.80	\$85.80	\$0.00	0.0%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$45.72	\$45.72	\$0.00	0.0%
Stranded Cost Charge	\$0.00298	\$0.00298	\$0.00000	\$8.94	\$8.94	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$9.90	\$9.90	\$0.00	0.0%
Default Service Charge	\$0.11239	\$0.08618	(\$0.02621)	\$337.17	\$258.54	(\$78.63)	-15.8%
Total	\$0.13391	\$0.10770	(\$0.02621)	\$401.73	\$323.10	(\$78.63)	-15.8%
Total Bill				\$498.53	\$419.90	(\$78.63)	-15.8%

  

<b><u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u></b>							
	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill*</u>	<u>As Revised Bill*</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$108.86	\$108.86	\$0.00	\$108.86	\$108.86	\$0.00	0.0%
	<b><u>All kVa</u></b>	<b><u>All kVa</u></b>					
Distribution Charge	\$5.69	\$5.69	\$0.00	\$3,129.50	\$3,129.50	\$0.00	0.0%
Stranded Cost Charge	\$2.25	\$2.25	\$0.00	\$1,237.50	\$1,237.50	\$0.00	0.0%
Total	\$7.94	\$7.94	\$0.00	\$4,367.00	\$4,367.00	\$0.00	0.0%
	<b><u>\$/kWh</u></b>	<b><u>\$/kWh</u></b>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$3,048.00	\$3,048.00	\$0.00	0.0%
Stranded Cost Charge	\$0.00267	\$0.00267	\$0.00000	\$534.00	\$534.00	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$660.00	\$660.00	\$0.00	0.0%
Default Service Charge	\$0.09923	\$0.07394	(\$0.02529)	\$19,846.00	\$14,788.00	(\$5,058.00)	-17.7%
Total	\$0.12044	\$0.09515	(\$0.02529)	\$24,088.00	\$19,030.00	(\$5,058.00)	-17.7%
Total Bill				\$28,563.86	\$23,505.86	(\$5,058.00)	-17.7%

\* Impacts do not include the Electricity Consumption Tax.

**Unitil Energy Systems, Inc.**  
**Typical Bill Impacts for Residential Rate Class based on Mean and Median Usage**

**Residential Rate D 662 kWh Bill - Mean Use\***

	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill**</u>	<u>As Revised Bill**</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$8.40	\$8.40	\$0.00	\$8.40	\$8.40	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge							
First 250 kWh	\$0.01810	\$0.01810	\$0.00000	\$4.53	\$4.53	\$0.00	0.0%
Excess 250 kWh	\$0.02310	\$0.02310	\$0.00000	\$9.52	\$9.52	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$10.09	\$10.09	\$0.00	0.0%
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	\$5.84	\$5.84	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$2.18	\$2.18	\$0.00	0.0%
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	<u>\$74.40</u>	<u>\$57.05</u>	<u>(\$17.35)</u>	<u>-15.1%</u>
First 250 kWh	\$0.15785	\$0.13164	(\$0.02621)				
Excess 250 kWh	\$0.16285	\$0.13664	(\$0.02621)				
Total Bill				\$114.96	\$97.61	(\$17.35)	-15.1%

**Residential Rate D 553 kWh Bill - Median Use\***

	2/1/2009	5/1/2009					%
<u>Rate Components</u>	<u>Current Rate</u>	<u>As Revised</u>	<u>Difference</u>	<u>Current Bill**</u>	<u>As Revised Bill**</u>	<u>Difference</u>	<u>Difference to Total Bill</u>
Customer Charge	\$8.40	\$8.40	\$0.00	\$8.40	\$8.40	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge							
First 250 kWh	\$0.01810	\$0.01810	\$0.00000	\$4.53	\$4.53	\$0.00	0.0%
Excess 250 kWh	\$0.02310	\$0.02310	\$0.00000	\$7.00	\$7.00	\$0.00	0.0%
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	\$8.43	\$8.43	\$0.00	0.0%
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	\$4.88	\$4.88	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$1.82	\$1.82	\$0.00	0.0%
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	<u>\$62.15</u>	<u>\$47.66</u>	<u>(\$14.49)</u>	<u>-14.9%</u>
First 250 kWh	\$0.15785	\$0.13164	(\$0.02621)				
Excess 250 kWh	\$0.16285	\$0.13664	(\$0.02621)				
Total Bill				\$97.21	\$82.71	(\$14.49)	-14.9%

\* Based on billing period March 2008 through February 2009.

\*\* Impacts do not include the Electricity Consumption Tax.



Unitil Energy Systems, Inc.  
Average Class Bill Impacts  
Due to Proposed Rate Changes Effective May 1, 2009

(A) <u>Class of Service</u>	(B) <u>Number of Customers</u>	(C) <u>Annual kWh Sales</u>	(D) <u>Annual kW / kVA Sales</u>	(E) <u>Proposed DSC Change \$</u>	(F) <u>Estimated Annual Revenue \$ Under Present Rates</u>	(G) <u>Estimated Annual Revenue \$ Under Proposed Rates</u>	(H) <u>Proposed Net Change Revenue \$</u>	(I) <u>% Change DSC Revenue</u>
Residential	738,543	486,378,217	n/a	(\$12,747,973)	\$84,565,917	\$71,817,944	(\$12,747,973)	(15.1%)
General Service	125,046	354,008,286	1,298,686	(\$9,278,557)	\$60,083,501	\$50,804,944	(\$9,278,557)	(15.4%)
Large General Service	1,822	364,679,187	996,528	(\$9,222,737)	\$51,863,606	\$42,640,870	(\$9,222,737)	(17.8%)
Outdoor Lighting	117,884	9,206,974	n/a	(\$241,315)	\$2,523,471	\$2,282,156	(\$241,315)	(9.6%)
Total	983,295	1,214,272,664		(\$31,490,582)	\$199,036,495	\$167,545,914	(\$31,490,582)	(15.8%)

(B), (C), (D) Test year billing determinants in DE 05-178

(E) Difference in proposed rate and current rate, times the billing determinants shown in Column (C). The proposed and current DSC for the G1 class used in this analysis are based on the average of the DSC for each 3-month period.

(F) Based on current rates times billing determinants shown in Columns (B), (C) and (D).

(G) Sum of Columns (E) and (F)

(H) Column (G) minus Column (F)

(I) Column (H) divided by Column (F)

<b>Unitil Energy Systems, Inc.</b> <b>Typical Bill Impacts - February 1, 2009 versus May 1, 2009</b> <b>Impacts do NOT include the Electricity Consumption Tax</b> <b>Impact on D Rate Customers</b>				
<b>Average kWh</b>	<b>Total Bill Using Rates 2/1/2009</b>	<b>Total Bill Using Rates 5/1/2009</b>	<b>Total Difference</b>	<b>% Total Difference</b>
125	\$28.13	\$24.86	(\$3.28)	(11.6%)
250	\$47.86	\$41.31	(\$6.55)	(13.7%)
500	\$88.58	\$75.47	(\$13.11)	(14.8%)
600	\$104.86	\$89.13	(\$15.73)	(15.0%)
750	\$129.29	\$109.63	(\$19.66)	(15.2%)
1,000	\$170.00	\$143.79	(\$26.21)	(15.4%)
1,250	\$210.71	\$177.95	(\$32.76)	(15.5%)
1,500	\$251.43	\$212.11	(\$39.32)	(15.6%)
2,000	\$332.85	\$280.43	(\$52.42)	(15.7%)
3,500	\$577.13	\$485.39	(\$91.73)	(15.9%)
5,000	\$821.40	\$690.35	(\$131.05)	(16.0%)

  

	<b>Rates - Effective February 1, 2009</b>	<b>Rates - Proposed May 1, 2009</b>	<b>Difference</b>
Customer Charge	<b>\$8.40</b>	<b>\$8.40</b>	<b>\$0.00</b>
	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>
Distribution Charge: First 250 kWh	\$0.01810	\$0.01810	\$0.00000
Excess 250 kWh	\$0.02310	\$0.02310	\$0.00000
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>
<b>TOTAL</b> First 250 kWh	<b>\$0.15785</b>	<b>\$0.13164</b>	<b>(\$0.02621)</b>
Excess 250 kWh	<b>\$0.16285</b>	<b>\$0.13664</b>	<b>(\$0.02621)</b>

Unitil Energy Systems, Inc.						
Typical Bill Impacts - February 1, 2009 versus May 1, 2009						
Impacts do NOT include the Electricity Consumption Tax						
Impact on G2 Rate Customers						
Load Factor	Average Monthly kW	Average Monthly kWh	Total Bill Using Rates 2/1/2009	Total Bill Using Rates 5/1/2009	Total Difference	% Total Difference
20%	5	730	\$151.65	\$132.52	(\$19.13)	(12.6%)
20%	10	1,460	\$292.31	\$254.04	(\$38.27)	(13.1%)
20%	15	2,190	\$432.96	\$375.56	(\$57.40)	(13.3%)
20%	25	3,650	\$714.27	\$618.61	(\$95.67)	(13.4%)
20%	50	7,300	\$1,417.54	\$1,226.21	(\$191.33)	(13.5%)
20%	75	10,950	\$2,120.81	\$1,833.82	(\$287.00)	(13.5%)
20%	100	14,600	\$2,824.09	\$2,441.42	(\$382.67)	(13.6%)
20%	150	21,900	\$4,230.63	\$3,656.63	(\$574.00)	(13.6%)
36%	5	1,314	\$229.86	\$195.42	(\$34.44)	(15.0%)
36%	10	2,628	\$448.72	\$379.84	(\$68.88)	(15.4%)
36%	15	3,942	\$667.57	\$564.25	(\$103.32)	(15.5%)
36%	25	6,570	\$1,105.29	\$933.09	(\$172.20)	(15.6%)
36%	50	13,140	\$2,199.58	\$1,855.18	(\$344.40)	(15.7%)
36%	75	19,710	\$3,293.87	\$2,777.27	(\$516.60)	(15.7%)
36%	100	26,280	\$4,388.15	\$3,699.36	(\$688.80)	(15.7%)
36%	150	39,420	\$6,576.73	\$5,543.53	(\$1,033.20)	(15.7%)
50%	5	1,825	\$298.29	\$250.45	(\$47.83)	(16.0%)
50%	10	3,650	\$585.57	\$489.91	(\$95.67)	(16.3%)
50%	15	5,475	\$872.86	\$729.36	(\$143.50)	(16.4%)
50%	25	9,125	\$1,447.43	\$1,208.26	(\$239.17)	(16.5%)
50%	50	18,250	\$2,883.86	\$2,405.53	(\$478.33)	(16.6%)
50%	75	27,375	\$4,320.29	\$3,602.79	(\$717.50)	(16.6%)
50%	100	36,500	\$5,756.72	\$4,800.05	(\$956.67)	(16.6%)
50%	150	54,750	\$8,629.57	\$7,194.58	(\$1,435.00)	(16.6%)
	Rates - Effective February 1, 2009	Rates - Proposed May 1, 2009	Difference			
Customer Charge	\$11.00	\$11.00	\$0.00			
	All kW	All kW	All kW			
Distribution Charge	\$7.03	\$7.03	\$0.00			
Stranded Cost Charge	\$1.55	\$1.55	\$0.00			
TOTAL	\$8.58	\$8.58	\$0.00			
	kWh	kWh	kWh			
Distribution Charge	\$0.00000	\$0.00000	\$0.00000			
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000			
Stranded Cost Charge	\$0.00298	\$0.00298	\$0.00000			
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000			
Default Service Charge	\$0.11239	\$0.08618	(\$0.02621)			
TOTAL	\$0.13391	\$0.10770	(\$0.02621)			

<b>Unitil Energy Systems, Inc.</b> <b>Typical Bill Impacts - February 1, 2009 versus May 1, 2009</b> <b>Impacts do NOT include the Electricity Consumption Tax</b> <b>Impact on G2 kWh Meter Rate Customers</b>				
<b>Average Monthly kWh</b>	<b>Total Bill Using Rates 2/1/2009</b>	<b>Total Bill Using Rates 5/1/2009</b>	<b>Total Difference</b>	<b>% Total Difference</b>
15	\$10.94	\$10.55	(\$0.39)	(3.6%)
75	\$21.11	\$19.15	(\$1.97)	(9.3%)
150	\$33.83	\$29.89	(\$3.93)	(11.6%)
250	\$50.78	\$44.22	(\$6.55)	(12.9%)
350	\$67.73	\$58.55	(\$9.17)	(13.5%)
450	\$84.68	\$72.88	(\$11.79)	(13.9%)
550	\$101.63	\$87.21	(\$14.42)	(14.2%)
650	\$118.58	\$101.54	(\$17.04)	(14.4%)
750	\$135.53	\$115.87	(\$19.66)	(14.5%)
900	\$160.95	\$137.36	(\$23.59)	(14.7%)
	<b><u>Rates - Effective February 1, 2009</u></b>	<b><u>Rates - Proposed May 1, 2009</u></b>	<b><u>Difference</u></b>	
kWh Meter Customer Charge	<b>\$8.40</b>	<b>\$8.40</b>	<b>\$0.00</b>	
	<b><u>All kWh</u></b>	<b><u>All kWh</u></b>	<b><u>All kWh</u></b>	
Distribution Charge	\$0.02975	\$0.02975	\$0.00000	
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	
<b>TOTAL</b>	<b>\$0.16950</b>	<b>\$0.14329</b>	<b>(\$0.02621)</b>	

<b>Unitil Energy Systems, Inc.</b> <b>Typical Bill Impacts - February 1, 2009 versus May 1, 2009</b> <b>Impacts do NOT include the Electricity Consumption Tax</b> <b>Impact on G2 QRWH and SH Rate Customers</b>				
<b>Average kWh</b>	<b>Total Bill Using Rates 2/1/2009</b>	<b>Total Bill Using Rates 5/1/2009</b>	<b>Total Difference</b>	<b>% Total Difference</b>
100	\$19.81	\$17.19	(\$2.62)	(13.2%)
200	\$35.88	\$30.63	(\$5.24)	(14.6%)
300	\$51.94	\$44.08	(\$7.86)	(15.1%)
400	\$68.00	\$57.52	(\$10.48)	(15.4%)
500	\$84.07	\$70.96	(\$13.11)	(15.6%)
750	\$124.22	\$104.57	(\$19.66)	(15.8%)
1,000	\$164.38	\$138.17	(\$26.21)	(15.9%)
1,500	\$244.70	\$205.38	(\$39.32)	(16.1%)
2,000	\$325.01	\$272.59	(\$52.42)	(16.1%)
2,500	\$405.33	\$339.80	(\$65.53)	(16.2%)
	<b><u>Rates - Effective February 1, 2009</u></b>	<b><u>Rates - Proposed May 1, 2009</u></b>	<b><u>Difference</u></b>	
Customer Charge	<b>\$3.75</b>	<b>\$3.75</b>	<b>\$0.00</b>	
	<b><u>All kWh</u></b>	<b><u>All kWh</u></b>	<b><u>All kWh</u></b>	
Distribution Charge	\$0.02088	\$0.02088	\$0.00000	
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000	
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	<u>\$0.11239</u>	<u>\$0.08618</u>	<u>(\$0.02621)</u>	
<b>TOTAL</b>	<b>\$0.16063</b>	<b>\$0.13442</b>	<b>(\$0.02621)</b>	

Unitil Energy Systems, Inc.						
Typical Bill Impacts - February 1, 2009 versus May 1, 2009						
Impacts do NOT include the Electricity Consumption Tax						
Impact on G1 Rate Customers						
Load Factor	Average Monthly kVa	Average Monthly kWh	Total Bill Using Rates 2/1/2009	Total Bill Using Rates 5/1/2009	Total Difference	% Total Difference
25.0%	200	36,500	\$6,092.92	\$5,169.84	(\$923.08)	(15.2%)
25.0%	400	73,000	\$12,076.98	\$10,230.81	(\$1,846.17)	(15.3%)
25.0%	600	109,500	\$18,061.04	\$15,291.79	(\$2,769.26)	(15.3%)
25.0%	800	146,000	\$24,045.10	\$20,352.76	(\$3,692.34)	(15.4%)
25.0%	1,000	182,500	\$30,029.16	\$25,413.74	(\$4,615.43)	(15.4%)
25.0%	1,500	273,750	\$44,989.31	\$38,066.17	(\$6,923.14)	(15.4%)
25.0%	2,000	365,000	\$59,949.46	\$50,718.61	(\$9,230.85)	(15.4%)
25.0%	2,500	456,250	\$74,909.61	\$63,371.05	(\$11,538.56)	(15.4%)
25.0%	3,000	547,500	\$89,869.76	\$76,023.49	(\$13,846.28)	(15.4%)
40.0%	200	58,400	\$8,730.56	\$7,253.62	(\$1,476.94)	(16.9%)
40.0%	400	116,800	\$17,352.25	\$14,398.38	(\$2,953.87)	(17.0%)
40.0%	600	175,200	\$25,973.95	\$21,543.14	(\$4,430.81)	(17.1%)
40.0%	800	233,600	\$34,595.64	\$28,687.90	(\$5,907.74)	(17.1%)
40.0%	1,000	292,000	\$43,217.34	\$35,832.66	(\$7,384.68)	(17.1%)
40.0%	1,500	438,000	\$64,771.58	\$53,694.56	(\$11,077.02)	(17.1%)
40.0%	2,000	584,000	\$86,325.82	\$71,556.46	(\$14,769.36)	(17.1%)
40.0%	2,500	730,000	\$107,880.06	\$89,418.36	(\$18,461.70)	(17.1%)
40.0%	3,000	876,000	\$129,434.30	\$107,280.26	(\$22,154.04)	(17.1%)
57.0%	200	83,220	\$11,719.88	\$9,615.24	(\$2,104.63)	(18.0%)
57.0%	400	166,440	\$23,330.89	\$19,121.63	(\$4,209.27)	(18.0%)
57.0%	600	249,660	\$34,941.91	\$28,628.01	(\$6,313.90)	(18.1%)
57.0%	800	332,880	\$46,552.93	\$38,134.39	(\$8,418.54)	(18.1%)
57.0%	1,000	416,100	\$58,163.94	\$47,640.78	(\$10,523.17)	(18.1%)
57.0%	1,500	624,150	\$87,191.49	\$71,406.73	(\$15,784.75)	(18.1%)
57.0%	2,000	832,200	\$116,219.03	\$95,172.69	(\$21,046.34)	(18.1%)
57.0%	2,500	1,040,250	\$145,246.57	\$118,938.65	(\$26,307.92)	(18.1%)
57.0%	3,000	1,248,300	\$174,274.11	\$142,704.61	(\$31,569.51)	(18.1%)
71.0%	200	103,660	\$14,181.67	\$11,560.11	(\$2,621.56)	(18.5%)
71.0%	400	207,320	\$28,254.48	\$23,011.36	(\$5,243.12)	(18.6%)
71.0%	600	310,980	\$42,327.29	\$34,462.61	(\$7,864.68)	(18.6%)
71.0%	800	414,640	\$56,400.10	\$45,913.86	(\$10,486.25)	(18.6%)
71.0%	1,000	518,300	\$70,472.91	\$57,365.11	(\$13,107.81)	(18.6%)
71.0%	1,500	777,450	\$105,654.94	\$85,993.23	(\$19,661.71)	(18.6%)
71.0%	2,000	1,036,600	\$140,836.96	\$114,621.35	(\$26,215.61)	(18.6%)
71.0%	2,500	1,295,750	\$176,018.99	\$143,249.47	(\$32,769.52)	(18.6%)
71.0%	3,000	1,554,900	\$211,201.02	\$171,877.60	(\$39,323.42)	(18.6%)
			Rates - Effective February 1, 2009	Rates - Proposed May 1, 2009	Difference	
Customer Charge			\$108.86	\$108.86	\$0.00	
Distribution Charge			All kVA	All kVA	All kVA	
Stranded Cost Charge			\$5.69	\$5.69	\$0.00	
TOTAL			\$2.25	\$2.25	\$0.00	
			\$7.94	\$7.94	\$0.00	
			All kWh	All kWh	All kWh	
Distribution Charge			\$0.00000	\$0.00000	\$0.00000	
External Delivery Charge			\$0.01524	\$0.01524	\$0.00000	
Stranded Cost Charge			\$0.00267	\$0.00267	\$0.00000	
System Benefits Charge			\$0.00330	\$0.00330	\$0.00000	
Default Service Charge*			\$0.09923	\$0.07394	(\$0.02529)	
TOTAL			\$0.12044	\$0.09515	(\$0.02529)	
* Default Service Charges shown are based on the average of the DSC for each 3-month period.						

Unitil Energy Systems, Inc.							
Typical Bill Impacts - February 1, 2009 versus May 1, 2009							
Impacts do NOT include the Electricity Consumption Tax							
Impact on OL Rate Customers							
	Nominal Watts	Lumens	Average Monthly kWh	Total Bill Using Rates 2/1/2009	Total Bill Using Rates 5/1/2009	Total Difference	% Total Difference
<u>Mercury Vapor:</u>							
1	100	3,500	40	\$13.47	\$12.42	(\$1.05)	(7.8%)
2	175	7,000	67	\$18.90	\$17.15	(\$1.76)	(9.3%)
3	250	11,000	95	\$24.23	\$21.74	(\$2.49)	(10.3%)
4	400	20,000	154	\$34.75	\$30.72	(\$4.04)	(11.6%)
5	1,000	60,000	388	\$81.51	\$71.34	(\$10.17)	(12.5%)
6	250	11,000	95	\$25.01	\$22.52	(\$2.49)	(10.0%)
7	400	20,000	154	\$35.76	\$31.73	(\$4.04)	(11.3%)
8	1,000	60,000	388	\$78.48	\$68.31	(\$10.17)	(13.0%)
9	100	3,500	40	\$13.55	\$12.50	(\$1.05)	(7.7%)
10	175	7,000	67	\$18.30	\$16.55	(\$1.76)	(9.6%)
<u>High Pressure Sodium:</u>							
11	50	4,000	21	\$10.97	\$10.42	(\$0.55)	(5.0%)
12	100	9,500	43	\$15.19	\$14.06	(\$1.13)	(7.4%)
13	150	16,000	60	\$17.61	\$16.03	(\$1.57)	(8.9%)
14	250	30,000	101	\$25.93	\$23.29	(\$2.65)	(10.2%)
15	400	50,000	161	\$37.66	\$33.44	(\$4.22)	(11.2%)
16	1,000	140,000	398	\$82.56	\$72.13	(\$10.43)	(12.6%)
17	150	16,000	60	\$19.18	\$17.60	(\$1.57)	(8.2%)
18	250	30,000	101	\$27.01	\$24.37	(\$2.65)	(9.8%)
19	400	50,000	161	\$37.30	\$33.08	(\$4.22)	(11.3%)
20	1,000	140,000	398	\$82.80	\$72.37	(\$10.43)	(12.6%)
21	50	4,000	21	\$10.30	\$9.75	(\$0.55)	(5.3%)
22	100	95,000	43	\$14.40	\$13.27	(\$1.13)	(7.8%)

	Rates - Effective February 1, 2009	Rates - Proposed May 1, 2009	Difference
Customer Charge	\$0.00	\$0.00	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.01524	\$0.01524	\$0.00000
Stranded Cost Charge	\$0.00882	\$0.00882	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	\$0.11239	\$0.08618	(\$0.02621)
TOTAL	\$0.13975	\$0.11354	(\$0.02621)

<u>Luminaire Charges For Year Round Service:</u>			
	<u>Mercury Vapor Rate/Mo.</u>	<u>Mercury Vapor Rate/Mo.</u>	<u>Mercury Vapor Rate/Mo.</u>
1	\$7.88	\$7.88	\$0.00
2	\$9.54	\$9.54	\$0.00
3	\$10.95	\$10.95	\$0.00
4	\$13.23	\$13.23	\$0.00
5	\$27.29	\$27.29	\$0.00
6	\$11.73	\$11.73	\$0.00
7	\$14.24	\$14.24	\$0.00
8	\$24.26	\$24.26	\$0.00
9	\$7.96	\$7.96	\$0.00
10	\$8.94	\$8.94	\$0.00
	<u>Sodium Vapor Rate/Mo.</u>	<u>Sodium Vapor Rate/Mo.</u>	<u>Sodium Vapor Rate/Mo.</u>
11	\$8.04	\$8.04	\$0.00
12	\$9.18	\$9.18	\$0.00
13	\$9.22	\$9.22	\$0.00
14	\$11.82	\$11.82	\$0.00
15	\$15.16	\$15.16	\$0.00
16	\$26.94	\$26.94	\$0.00
17	\$10.79	\$10.79	\$0.00
18	\$12.90	\$12.90	\$0.00
19	\$14.80	\$14.80	\$0.00
20	\$27.18	\$27.18	\$0.00
21	\$7.37	\$7.37	\$0.00
22	\$8.39	\$8.39	\$0.00