

SCHEDULE LSM-1

STRANDED COST CHARGE

UNITIL ENERGY SYSTEMS, INC.
CALCULATION OF THE STRANDED COST CHARGE
Effective August 1, 2011

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2011	(\$259,508)	Page 3 of 5
2. Estimated Total Costs (August 2011 - July 2012)	\$207,967	Page 3 of 5
3. Estimated Interest (August 2011 - July 2012)	<u>(\$4,393)</u>	Page 3 of 5
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$55,934)	
5. Estimated Calendar Month Deliveries in kWh (August 2011 - July 2012) (1)	<u>1,253,284,906</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00004)	

Development of Class Stranded Cost Charge

Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter,
G2 - Quick Recovery Water Heating, G2 - Space Heating,
G2 Controlled Off Peak Water Heating, OL

7. Stranded Cost Charge (\$/kWh) (L.6)	(\$0.00004)
--	--------------------

Class G2 (2)

8. Estimated G2 Demand Revenue (August 2011 - July 2012)	(\$9,433)
9. Estimated G2 Deliveries in kW (August 2011 - July 2012)	<u>1,385,727</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.01)
11. G2 Energy Revenue (August 2011 - July 2012)	(\$4,567)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2011 - July 2012) (1)	<u>349,998,601</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00001)

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2011 - July 2012)	(\$10,386)
15. Estimated G1 Deliveries in kVA (August 2011 - July 2012)	<u>1,039,814</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.01)
17. G1 Energy Revenue (August 2011 - July 2012)	(\$4,475)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2011 - July 2012) (1)	<u>371,512,494</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00001)

(1) Schedule LSM-2, page 5.	Schedule LSM-1, page 4.	Schedule LSM-1, page 4.
Total Company	<u>G2 Demand</u>	<u>G1 Demand</u>
Aug 2011-Jul 2012 Billed kWh 1,251,798,925	Aug 2011-Jul 2012 Billed kWh 349,638,816	Aug 2011-Jul 2012 Billed kWh 371,098,224
- July 2011 Unbilled kWh (56,638,393)	- July 2011 Unbilled kWh (15,665,231)	- July 2011 Unbilled kWh (17,226,540)
+ July 2012 Unbilled kWh <u>58,124,374</u>	+ July 2012 Unbilled kWh <u>16,025,015</u>	+ July 2012 Unbilled kWh <u>17,640,810</u>
Calendar Month Deliveries 1,253,284,906	Calendar Month Deliveries 349,998,601	Calendar Month Deliveries 371,512,494

(2) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

Calculation of Class G2 and G1 Demand and Energy Components

	Units (Aug 11 - Jul 12)	Current Rates	Revenue under current rates	% of Total	Revenue at Proposed Rates
G2 kW	1,385,727	\$0.24	\$332,574	67%	(\$9,433)
G2 kWh	349,998,601	\$0.00046	<u>\$160,999</u>	33%	<u>(\$4,567)</u>
Total			\$493,574	100%	(\$14,000)
G1 kVA	1,039,814	\$0.34	\$353,537	70%	(\$10,386)
G1 kWh	371,512,494	\$0.00041	<u>\$152,320</u>	30%	<u>(\$4,475)</u>
Total			\$505,857	100%	(\$14,860)

Unitil Energy Systems, Inc.
Reconciliation of Stranded Costs and Revenues

Schedule LSM-1
Page 2 of 5

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance Before Interest	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
		Balance			(a + b - c)					
Aug-09	Actual	\$641,076	\$926,002	\$631,078	\$936,000	\$788,538	3.25%	31	\$2,177	\$938,177
Sep-09	Actual	\$938,177	\$636,619	\$518,041	\$1,056,755	\$997,466	3.25%	30	\$2,664	\$1,059,419
Oct-09	Actual	\$1,059,419	\$409,182	\$444,002	\$1,024,598	\$1,042,009	3.25%	31	\$2,876	\$1,027,475
Nov-09	Actual	\$1,027,475	\$401,767	\$456,066	\$973,176	\$1,000,325	3.25%	30	\$2,672	\$975,848
Dec-09	Actual	\$975,848	\$418,251	\$522,536	\$871,563	\$923,705	3.25%	31	\$2,550	\$874,113
Jan-10	Actual	\$874,113	\$401,812	\$532,907	\$743,017	\$808,565	3.25%	31	\$2,232	\$745,249
Feb-10	Actual	\$745,249	\$415,291	\$474,697	\$685,843	\$715,546	3.25%	28	\$1,784	\$687,627
Mar-10	Actual	\$687,627	\$437,494	\$468,783	\$656,338	\$671,983	3.25%	31	\$1,855	\$658,193
Apr-10	Actual	\$658,193	\$404,338	\$455,569	\$606,962	\$632,578	3.25%	30	\$1,690	\$608,651
May-10	Actual	\$608,651	\$408,232	\$443,890	\$572,994	\$590,823	3.25%	31	\$1,631	\$574,624
Jun-10	Actual	\$574,624	\$400,314	\$534,721	\$440,217	\$507,421	3.25%	30	\$1,355	\$441,573
Jul-10	Actual	\$441,573	<u>\$447,501</u>	<u>\$592,781</u>	\$296,293	\$368,933	3.25%	31	<u>\$1,018</u>	\$297,312

Total Aug-09 to Jul-10

\$5,706,803 \$6,075,072 \$24,504

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance Before Interest	Average Monthly Balance ((a+d) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (d + h)
		Balance			(a + b - c)					
Aug-10	Actual	\$297,312	\$451,923	\$265,895	\$483,340	\$390,326	3.25%	31	\$1,077	\$484,417
Sep-10	Actual	\$484,417	\$400,255	\$149,423	\$735,249	\$609,833	3.25%	30	\$1,629	\$736,878
Oct-10	Actual	\$736,878	\$394,736	\$128,820	\$1,002,795	\$869,836	3.25%	31	\$2,401	\$1,005,196
Nov-10	Actual	\$1,005,196	(\$7,231)	\$129,174	\$868,791	\$936,993	3.25%	30	\$2,503	\$871,294
Dec-10	Actual	\$871,294	(\$43,896)	\$155,645	\$671,753	\$771,523	3.25%	31	\$2,130	\$673,883
Jan-11	Actual	\$673,883	(\$43,206)	\$142,692	\$487,985	\$580,934	3.25%	31	\$1,604	\$489,588
Feb-11	Actual	\$489,588	(\$28,840)	\$135,255	\$325,493	\$407,541	3.25%	28	\$1,016	\$326,509
Mar-11	Actual	\$326,509	\$42,457	\$155,116	\$213,850	\$270,180	3.25%	31	\$746	\$214,596
Apr-11	Actual	\$214,596	\$32,697	\$124,237	\$123,056	\$168,826	3.25%	30	\$451	\$123,506
May-11	Estimate	\$123,506	(\$2,857)	\$114,832	\$5,818	\$64,662	3.25%	31	\$178	\$5,996
Jun-11	Estimate	\$5,996	\$16,693	\$146,808	(\$124,119)	(\$59,061)	3.25%	30	(\$158)	(\$124,277)
Jul-11	Estimate	(\$124,277)	<u>\$16,693</u>	<u>\$151,395</u>	(\$258,979)	(\$191,628)	3.25%	31	<u>(\$529)</u>	(\$259,508)

Total Aug-10 to Jul-11

\$1,229,423 \$1,799,291 \$13,048

Unitil Energy Systems, Inc.
Reconciliation of Stranded Costs and Revenues

Schedule LSM-1
Page 3 of 5

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending Balance	Average	Interest Rate	Number of	Computed	Ending
		Balance			Before Interest	Monthly		Days / Month	Interest	Balance with
					(a + b - c)	Balance ((a+d) /				Interest
						2)				(d + h)
Aug-11	Estimate	(\$259,508)	\$16,693	(\$4,927)	(\$237,889)	(\$248,699)	3.25%	31	(\$686)	(\$238,575)
Sep-11	Estimate	(\$238,575)	\$16,693	(\$4,410)	(\$217,472)	(\$228,024)	3.25%	30	(\$609)	(\$218,082)
Oct-11	Estimate	(\$218,082)	\$16,693	(\$4,280)	(\$197,109)	(\$207,595)	3.25%	31	(\$573)	(\$197,682)
Nov-11	Estimate	(\$197,682)	\$16,693	(\$4,082)	(\$176,907)	(\$187,295)	3.25%	30	(\$500)	(\$177,408)
Dec-11	Estimate	(\$177,408)	\$16,693	(\$4,466)	(\$156,249)	(\$166,828)	3.25%	31	(\$460)	(\$156,709)
Jan-12	Estimate	(\$156,709)	\$16,693	(\$4,667)	(\$135,349)	(\$146,029)	3.25%	31	(\$402)	(\$135,751)
Feb-12	Estimate	(\$135,751)	\$16,693	(\$4,290)	(\$114,768)	(\$125,260)	3.25%	29	(\$323)	(\$115,091)
Mar-12	Estimate	(\$115,091)	\$16,693	(\$4,284)	(\$94,114)	(\$104,602)	3.25%	31	(\$288)	(\$94,402)
Apr-12	Estimate	(\$94,402)	\$16,693	(\$4,002)	(\$73,707)	(\$84,054)	3.25%	30	(\$224)	(\$73,930)
May-12	Estimate	(\$73,930)	\$16,693	(\$3,962)	(\$53,275)	(\$63,603)	3.25%	31	(\$175)	(\$53,450)
Jun-12	Estimate	(\$53,450)	\$20,520	(\$4,616)	(\$28,315)	(\$40,883)	3.25%	30	(\$109)	(\$28,424)
Jul-12	Estimate	(\$28,424)	<u>\$20,520</u>	<u>(\$4,755)</u>	(\$3,149)	(\$15,787)	3.25%	31	<u>(\$43)</u>	(\$3,193)
Total Aug-11 to Jul-12			\$207,967	(\$52,741)					(\$4,393)	

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor (2)	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand (1)	(g) Unbilled Factor (2)	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1 (1)	(l) Unbilled Factor (2)	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) Total Revenue (e + j + o + p + q)
Aug-09	Actual	46,905,380	52.18%	24,473,783	\$0.00495	\$121,145	31,955,844	51.19%	16,357,391	\$0.00167	\$27,317	32,371,261	49.43%	15,999,826	\$0.00147	\$23,520	(\$304,840)	\$763,936	\$631,078
Sep-09	Actual	44,367,408	48.98%	21,730,701	\$0.00495	\$107,567	30,825,546	50.53%	15,577,516	\$0.00167	\$26,014	31,169,381	57.11%	17,801,850	\$0.00147	\$26,169	(\$171,982)	\$530,273	\$518,041
Oct-09	Actual	36,283,139	53.72%	19,490,858	\$0.00495	\$96,480	26,513,490	51.65%	13,695,069	\$0.00167	\$22,871	28,729,567	51.07%	14,671,421	\$0.00147	\$21,567	(\$159,750)	\$462,835	\$444,002
Nov-09	Actual	37,038,312	54.01%	20,004,814	\$0.00495	\$99,024	25,025,814	53.35%	13,351,695	\$0.00167	\$22,297	28,037,649	53.04%	14,872,308	\$0.00147	\$21,862	(\$140,917)	\$453,800	\$456,066
Dec-09	Actual	43,034,078	61.78%	26,588,393	\$0.00495	\$131,613	26,554,985	57.30%	15,215,836	\$0.00167	\$25,410	28,372,560	54.93%	15,586,273	\$0.00147	\$22,912	(\$143,183)	\$485,785	\$522,536
Jan-10	Actual	53,817,433	46.06%	24,787,118	\$0.00495	\$122,696	30,415,722	46.98%	14,289,430	\$0.00167	\$23,863	28,962,938	47.49%	13,753,846	\$0.00147	\$20,218	(\$179,935)	\$546,064	\$532,907
Feb-10	Actual	43,342,410	51.45%	22,300,058	\$0.00495	\$110,385	26,406,831	54.00%	14,260,744	\$0.00167	\$23,815	27,583,716	55.25%	15,238,969	\$0.00147	\$22,401	(\$166,778)	\$484,873	\$474,697
Mar-10	Actual	38,473,216	60.83%	23,404,140	\$0.00495	\$115,850	24,876,596	63.38%	15,767,543	\$0.00167	\$26,332	26,369,617	64.53%	17,017,321	\$0.00147	\$25,015	(\$156,602)	\$458,187	\$468,783
Apr-10	Actual	40,013,333	47.81%	19,132,189	\$0.00495	\$94,704	27,391,458	46.95%	12,860,624	\$0.00167	\$21,477	29,469,447	46.58%	13,728,003	\$0.00147	\$20,180	(\$167,198)	\$486,405	\$455,569
May-10	Actual	34,747,374	49.65%	17,253,358	\$0.00495	\$85,404	25,986,543	52.85%	13,732,925	\$0.00167	\$22,934	29,216,054	51.32%	14,992,449	\$0.00147	\$22,039	(\$136,362)	\$449,875	\$443,890
Jun-10	Actual	37,854,257	64.43%	24,390,868	\$0.00495	\$120,735	28,053,147	60.15%	16,872,757	\$0.00167	\$28,178	30,409,910	51.87%	15,773,365	\$0.00147	\$23,187	(\$130,377)	\$492,999	\$534,721
Jul-10	Actual	52,583,683	47.90%	25,185,399	\$0.00495	\$124,668	33,983,716	48.18%	16,374,181	\$0.00167	\$27,345	34,122,624	48.70%	16,616,421	\$0.00147	\$24,426	(\$172,099)	\$588,441	\$592,781
Total Aug-09 to Jul-10		508,460,023		268,741,678		\$1,330,271	337,989,693		178,355,710		\$297,854	354,814,725		186,052,053		\$273,497	(\$2,030,023)	\$6,203,473	\$6,075,072

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor (2)	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand (1)	(g) Unbilled Factor (2)	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1 (1)	(l) Unbilled Factor (2)	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) Total Revenue (e + j + o + p + q)
Aug-10	Actual	51,561,676	48.81%	25,166,823	\$0.00138	\$34,730	33,232,354	50.96%	16,935,720	\$0.00046	\$7,790	33,538,536	56.57%	18,971,293	\$0.00041	\$7,778	(\$176,439)	\$392,035	\$265,895
Sep-10	Actual	47,102,474	46.35%	21,831,619	\$0.00138	\$30,128	32,714,257	48.06%	15,723,926	\$0.00046	\$7,233	33,898,250	52.58%	17,824,432	\$0.00041	\$7,308	(\$50,299)	\$155,053	\$149,423
Oct-10	Actual	36,187,527	56.77%	20,544,090	\$0.00138	\$28,351	26,869,092	54.13%	14,543,075	\$0.00046	\$6,690	29,555,750	54.67%	16,159,263	\$0.00041	\$6,625	(\$44,669)	\$131,823	\$128,820
Nov-10	Actual	38,287,749	52.55%	20,120,389	\$0.00138	\$27,766	25,990,114	50.12%	13,025,940	\$0.00046	\$5,992	29,344,940	49.07%	14,398,891	\$0.00041	\$5,904	(\$41,666)	\$131,178	\$129,174
Dec-10	Actual	44,533,521	66.64%	29,677,175	\$0.00138	\$40,955	27,325,111	64.28%	17,564,336	\$0.00046	\$8,080	28,878,544	63.12%	18,228,301	\$0.00041	\$7,474	(\$39,662)	\$138,798	\$155,645
Jan-11	Actual	51,883,638	52.46%	27,216,340	\$0.00138	\$37,559	28,859,035	50.52%	14,578,551	\$0.00046	\$6,706	28,565,271	49.28%	14,078,274	\$0.00041	\$5,772	(\$56,508)	\$149,163	\$142,692
Feb-11	Actual	48,482,901	44.47%	21,561,851	\$0.00138	\$29,755	28,520,374	46.43%	13,243,152	\$0.00046	\$6,092	28,178,986	47.56%	13,401,268	\$0.00041	\$5,495	(\$50,037)	\$143,950	\$135,255
Mar-11	Actual	43,761,024	68.44%	29,951,143	\$0.00138	\$41,333	27,247,015	70.40%	19,180,730	\$0.00046	\$8,823	27,940,275	71.43%	19,957,339	\$0.00041	\$8,183	(\$41,342)	\$138,120	\$155,116
Apr-11	Actual	40,993,312	58.59%	24,016,326	\$0.00138	\$33,143	27,394,597	61.89%	16,955,046	\$0.00046	\$7,799	28,887,771	63.08%	18,223,110	\$0.00041	\$7,471	(\$58,338)	\$134,162	\$124,237
May-11	Estimate	35,430,620	49.60%	17,574,734	\$0.00138	\$24,253	26,348,820	51.32%	13,523,424	\$0.00046	\$6,221	29,308,608	50.82%	14,894,539	\$0.00041	\$6,107	(\$48,413)	\$126,665	\$114,832
Jun-11	Estimate	39,438,615	55.33%	21,822,028	\$0.00138	\$30,114	28,781,672	53.47%	15,388,718	\$0.00046	\$7,079	30,465,284	49.18%	14,982,927	\$0.00041	\$6,143	(\$36,581)	\$140,052	\$146,808
Jul-11	Estimate	42,590,832	55.78%	23,756,966	\$0.00138	\$32,785	28,992,936	54.03%	15,665,231	\$0.00046	\$7,206	33,897,386	50.82%	17,226,540	\$0.00041	\$7,063	(\$43,336)	\$147,678	\$151,395
Total Aug-10 to Jul-11		520,253,890		283,239,484		\$390,870	342,275,376		186,327,849		\$85,711	362,459,602		198,346,177		\$81,322	(\$687,288)	\$1,928,676	\$1,799,291

		(a) Total Billed kWh - all classes except G2 demand and G1	(b) Unbilled Factor	(c) Unbilled kWh (a * b)	(d) Proposed SCC	(e) Unbilled SCC Revenue (c * d)	(f) Total Billed kWh - G2 demand	(g) Unbilled Factor	(h) Unbilled kWh (f * g)	(i) Proposed SCC	(j) Unbilled SCC Revenue (h * i)	(k) Total Billed kWh - G1	(l) Unbilled Factor	(m) Unbilled kWh (k * l)	(n) Proposed SCC	(o) Unbilled SCC Revenue (m * n)	(p) Reversal of prior month unbilled (prior month, e + j + o)	(q) Total Billed SCC Revenue	(r) Total Revenue (e + j + o + p + q)
Aug-11	Estimate	52,569,599	44.31%	23,296,060	(\$0.00004)	(\$932)	34,052,368	46.11%	15,703,138	(\$0.00001)	(\$157)	33,887,556	50.00%	16,943,778	(\$0.00001)	(\$169)	(\$47,054)	\$43,385	(\$4,927)
Sep-11	Estimate	43,251,231	44.64%	19,306,113	(\$0.00004)	(\$772)	30,370,420	45.65%	13,864,566	(\$0.00001)	(\$139)	34,310,596	49.18%	16,874,064	(\$0.00001)	(\$169)	\$1,258	(\$4,589)	(\$4,410)
Oct-11	Estimate	39,357,717	53.48%	21,050,198	(\$0.00004)	(\$842)	28,103,342	51.09%	14,357,485	(\$0.00001)	(\$144)	30,208,235	50.82%	15,351,726	(\$0.00001)	(\$154)	\$1,080	(\$4,220)	(\$4,280)
Nov-11	Estimate	39,778,289	52.75%	20,983,769	(\$0.00004)	(\$839)	26,527,046	50.17%	13,309,319	(\$0.00001)	(\$133)	29,994,773	49.18%	14,751,528	(\$0.00001)	(\$148)	\$1,139	(\$4,101)	(\$4,082)
Dec-11	Estimate	45,861,923	53.70%	24,626,828	(\$0.00004)	(\$985)	28,201,502	51.69%	14,577,645	(\$0.00001)	(\$146)	29,476,655	50.82%	14,979,940	(\$0.00001)	(\$150)	\$1,120	(\$4,306)	(\$4,466)
Jan-12	Estimate	52,452,046	51.27%	26,892,584	(\$0.00004)	(\$1,076)	29,600,011	50.42%	14,924,224	(\$0.00001)	(\$149)	29,421,538	50.00%	14,710,769	(\$0.00001)	(\$147)	\$1,281	(\$4,575)	(\$4,667)
Feb-12	Estimate	48,742,963	47.20%	23,004,461	(\$0.00004)	(\$920)	29,953,504	47.99%	14,374,514	(\$0.00001)	(\$144)	29,664,471	48.33%	14,337,828	(\$0.00001)	(\$143)	\$1,372	(\$4,455)	(\$4,290)
Mar-12	Estimate	45,878,968	48.56%	22,277,036	(\$0.00004)	(\$891)	28,951,860	50.77%	14,697,660	(\$0.00001)	(\$147)	28,151,372	51.67%	14,544,875	(\$0.00001)	(\$145)	\$1,207	(\$4,308)	(\$4,284)
Apr-12	Estimate	41,664,688	45.60%	18,997,162	(\$0.00004)	(\$760)	27,775,625	48.26%	13,405,208	(\$0.00001)	(\$134)	29,690,010	49.18%	14,601,644	(\$0.00001)	(\$146)	\$1,184	(\$4,146)	(\$4,002)
May-12	Estimate	36,752,005	49.64%	18,243,400	(\$0.00004)	(\$730)	26,979,506	51.32%	13,846,242	(\$0.00001)	(\$138)	30,157,529	50.82%	15,325,957	(\$0.00001)	(\$153)	\$1,040	(\$3,981)	(\$3,962)
Jun-12	Estimate	40,789,336	55.17%	22,502,479	(\$0.00004)	(\$900)	29,454,460	53.44%	15,740,975	(\$0.00001)	(\$157)	31,422,926	49.18%	15,453,898	(\$0.00001)	(\$155)	\$1,021	(\$4,426)	(\$4,616)
Jul-12	Estimate	43,963,119	55.66%	24,468,506	(\$0.00004)	(\$979)	29,669,173	54.01%	16,025,015	(\$0.00001)	(\$160)	34,712,562	50.82%	17,640,810	(\$0.00001)	(\$176)	\$1,212	(\$4,651)	(\$4,755)
Total Aug-11 to Jul-12		531,061,885		265,648,592		(\$10,626)	349,638,816		174,825,991		(\$1,748)	371,098,224		185,516,817		(\$1,855)	(\$34,140)	(\$4,373)	(\$52,741)

(1) Actual Per billing system.

(2) Detail of Unbilled Factors shown on page 5.

Detail of Unbilled Factors for Residential and Outdoor
Lighting Classes for use in all classes except G2
demand and G1 (column b, Page 4)

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Aug-09	46,449,068	24,235,694	52.18%
Sep-09	43,939,853	21,521,289	48.98%
Oct-09	35,933,519	19,303,046	53.72%
Nov-09	36,582,062	19,758,388	54.01%
Dec-09	42,374,707	26,181,004	61.78%
Jan-10	52,815,888	24,325,829	46.06%
Feb-10	42,414,181	21,822,476	51.45%
Mar-10	37,736,287	22,955,849	60.83%
Apr-10	39,503,200	18,888,271	47.81%
May-10	34,387,077	17,074,457	49.65%
Jun-10	37,549,287	24,194,365	64.43%
Jul-10	52,154,834	24,979,998	47.90%
Aug-10	51,064,070	24,923,945	48.81%
Sep-10	46,650,494	21,622,130	46.35%
Oct-10	35,875,793	20,367,115	56.77%
Nov-10	37,840,281	19,885,242	52.55%
Dec-10	43,805,768	29,192,199	66.64%
Jan-11	50,858,128	26,678,394	52.46%
Feb-11	47,388,007	21,074,918	44.47%
Mar-11	42,870,016	29,341,315	68.44%
Apr-11	40,340,110	23,633,641	58.59%

Detail of Unbilled Factors for Regular General Class for
use in G2 demand class (column g, Page 4)

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Aug-09	32,412,156	16,590,965	51.19%
Sep-09	31,253,101	15,793,579	50.53%
Oct-09	26,863,110	13,875,659	51.65%
Nov-09	25,482,064	13,595,112	53.35%
Dec-09	27,214,356	15,593,651	57.30%
Jan-10	31,417,267	14,759,960	46.98%
Feb-10	27,335,060	14,762,025	54.00%
Mar-10	25,613,525	16,234,631	63.38%
Apr-10	27,901,591	13,100,137	46.95%
May-10	26,346,840	13,923,328	52.85%
Jun-10	28,358,117	17,056,184	60.15%
Jul-10	34,412,565	16,580,811	48.18%
Aug-10	33,729,960	17,189,307	50.96%
Sep-10	33,166,237	15,941,168	48.06%
Oct-10	27,180,826	14,711,804	54.13%
Nov-10	26,437,582	13,250,206	50.12%
Dec-10	28,052,864	18,032,129	64.28%
Jan-11	29,884,545	15,096,602	50.52%
Feb-11	29,615,268	13,751,555	46.43%
Mar-11	28,138,023	19,807,961	70.40%
Apr-11	28,047,799	17,359,326	61.89%

Detail of Unbilled Factors for Large General Class for
use in G1 class (column i, Page 4)

	Billed kWh	Direct Estimate of Unbilled kWh	Unbilled kWh / Billed kWh
Aug-09	32,371,261	15,999,826	49.43%
Sep-09	31,169,381	17,801,850	57.11%
Oct-09	28,729,567	14,671,421	51.07%
Nov-09	28,037,649	14,872,308	53.04%
Dec-09	28,372,560	15,586,273	54.93%
Jan-10	28,962,938	13,753,846	47.49%
Feb-10	27,583,716	15,238,969	55.25%
Mar-10	26,369,617	17,017,321	64.53%
Apr-10	29,469,447	13,728,003	46.58%
May-10	29,216,054	14,992,449	51.32%
Jun-10	30,409,910	15,773,365	51.87%
Jul-10	34,122,624	16,616,421	48.70%
Aug-10	33,538,536	18,971,293	56.57%
Sep-10	33,898,250	17,824,432	52.58%
Oct-10	29,555,750	16,159,263	54.67%
Nov-10	29,344,940	14,398,891	49.07%
Dec-10	28,878,544	18,228,301	63.12%
Jan-11	28,565,271	14,078,274	49.28%
Feb-11	28,178,986	13,401,268	47.56%
Mar-11	27,940,275	19,957,339	71.43%
Apr-11	28,887,771	18,223,110	63.08%

SCHEDULE LSM-2

EXTERNAL DELIVERY CHARGE

UNITIL ENERGY SYSTEMS. INC.
CALCULATION OF THE EXTERNAL DELIVERY CHARGE
Effective August 1, 2011

1. (Over)/under Recovery - Beginning Balance August 1, 2011	(\$927,831)	Page 3 of 6
2. Estimated Total Costs (August 2011 - July 2012)	\$19,757,068	Page 3 of 6
3. Estimated Interest (August 2011 - July 2012)	<u>(\$18,290)</u>	Page 3 of 6
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$18,810,947	L.1 + L.2 + L.3
5. Estimated Calendar Month Deliveries in kWh (August 2011 - July 2012) (1)	<u>1,253,284,906</u>	
6. External Delivery Charge (\$/kWh) (L.5/L.6)	\$0.01501	L.5 / L.6

(1) Schedule LSM-2, page 5.

August 2011 - July 2012 Billed kWh	1,251,798,925
- July 2011 Unbilled kWh	(56,638,393)
+ July 2012 Unbilled kWh	<u>58,124,374</u>
Calendar Month Deliveries	1,253,284,906

Unitil Energy Systems, Inc.
Reconciliation of External Delivery Costs and Revenues

Schedule LSM-2
Page 2 of 6

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	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)
Aug-09	Actual	\$66,054	\$1,575,336	\$1,595,564	\$45,826	\$55,940	3.25%	31	\$154	\$45,981
Sep-09	Actual	\$45,981	\$1,292,761	\$1,491,228	(\$152,486)	(\$53,253)	3.25%	30	(\$142)	(\$152,628)
Oct-09	Actual	(\$152,628)	\$1,188,621	\$1,200,591	(\$164,598)	(\$158,613)	3.25%	31	(\$438)	(\$165,036)
Nov-09	Actual	(\$165,036)	\$1,193,975	\$1,289,128	(\$260,189)	(\$212,612)	3.25%	30	(\$568)	(\$260,757)
Dec-09	Actual	(\$260,757)	\$1,408,796	\$1,526,026	(\$377,987)	(\$319,372)	3.25%	31	(\$882)	(\$378,869)
Jan-10	Actual	(\$378,869)	\$1,333,997	\$1,548,497	(\$593,369)	(\$486,119)	3.25%	31	(\$1,342)	(\$594,710)
Feb-10	Actual	(\$594,710)	\$1,344,864	\$1,372,428	(\$622,274)	(\$608,492)	3.25%	28	(\$1,517)	(\$623,791)
Mar-10	Actual	(\$623,791)	\$1,252,152	\$1,340,869	(\$712,508)	(\$668,150)	3.25%	31	(\$1,844)	(\$714,352)
Apr-10	Actual	(\$714,352)	\$1,124,739	\$1,230,846	(\$820,459)	(\$767,406)	3.25%	30	(\$2,050)	(\$822,509)
May-10	Actual	(\$822,509)	\$1,663,543	\$1,285,581	(\$444,547)	(\$633,528)	3.25%	31	(\$1,749)	(\$446,296)
Jun-10	Actual	(\$446,296)	\$1,708,434	\$1,529,642	(\$267,504)	(\$356,900)	3.25%	30	(\$953)	(\$268,458)
Jul-10	Actual	(\$268,458)	<u>\$3,468,239</u>	<u>\$1,736,193</u>	\$1,463,589	\$597,565	3.25%	31	<u>\$1,649</u>	\$1,465,238
Total Aug-09 to Jul-10			\$18,555,458	\$17,146,593					(\$9,681)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	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)
Aug-10	Actual	\$1,465,238	\$1,979,051	\$2,026,132	\$1,418,157	\$1,441,697	3.25%	31	\$3,979	\$1,422,136
Sep-10	Actual	\$1,422,136	\$2,085,160	\$1,823,191	\$1,684,105	\$1,553,120	3.25%	30	\$4,149	\$1,688,253
Oct-10	Actual	\$1,688,253	\$1,491,633	\$1,493,259	\$1,686,628	\$1,687,440	3.25%	31	\$4,658	\$1,691,285
Nov-10	Actual	\$1,691,285	\$1,438,951	\$1,517,820	\$1,612,416	\$1,651,851	3.25%	30	\$4,412	\$1,616,829
Dec-10	Actual	\$1,616,829	\$1,484,345	\$2,002,904	\$1,098,270	\$1,357,550	3.25%	31	\$3,747	\$1,102,017
Jan-11	Actual	\$1,102,017	\$1,570,200	\$1,683,116	\$989,102	\$1,045,560	3.25%	31	\$2,886	\$991,988
Feb-11	Actual	\$991,987.8	\$1,566,816	\$1,646,633	\$912,170	\$952,079	3.25%	28	\$2,374	\$914,544
Mar-11	Actual	\$914,543.8	\$1,470,794	\$2,022,554	\$362,784	\$638,664	3.25%	31	\$1,763	\$364,547
Apr-11	Actual	\$364,546.7	\$1,333,211	\$1,475,097	\$222,661	\$293,604	3.25%	30	\$784	\$223,445
May-11	Estimate	\$223,445	\$1,506,618	\$1,314,512	\$415,551	\$319,498	3.25%	31	\$882	\$416,433
Jun-11	Estimate	\$416,433	\$455,539	\$1,770,144	(\$898,172)	(\$240,869)	3.25%	30	(\$643)	(\$898,815)
Jul-11	Estimate	(\$898,815)	<u>\$1,829,235</u>	<u>\$1,855,734</u>	(\$925,313)	(\$912,064)	3.25%	31	<u>(\$2,518)</u>	(\$927,831)
Total Aug-10 to Jul-11			\$18,211,553	\$20,631,096					\$26,474	

Unitil Energy Systems, Inc.
Reconciliation of External Delivery Costs and Revenues

Schedule LSM-2
Page 3 of 6

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning Balance	Total Costs	Total Revenue	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)
Aug-11	Estimate	(\$927,831)	\$2,033,223	\$1,798,597	(\$693,205)	(\$810,518)	3.25%	31	(\$2,237)	(\$695,443)
Sep-11	Estimate	(\$695,443)	\$1,552,523	\$1,531,437	(\$674,357)	(\$684,900)	3.25%	30	(\$1,830)	(\$676,187)
Oct-11	Estimate	(\$676,187)	\$1,436,512	\$1,476,443	(\$716,118)	(\$696,152)	3.25%	31	(\$1,922)	(\$718,039)
Nov-11	Estimate	(\$718,039)	\$1,518,166	\$1,419,722	(\$619,596)	(\$668,817)	3.25%	30	(\$1,787)	(\$621,382)
Dec-11	Estimate	(\$621,382)	\$1,716,508	\$1,631,321	(\$536,196)	(\$578,789)	3.25%	31	(\$1,598)	(\$537,793)
Jan-12	Estimate	(\$537,793)	\$1,643,699	\$1,708,486	(\$602,580)	(\$570,186)	3.25%	31	(\$1,570)	(\$604,149)
Feb-12	Estimate	(\$604,149)	\$1,569,720	\$1,554,438	(\$588,867)	(\$596,508)	3.25%	29	(\$1,536)	(\$590,403)
Mar-12	Estimate	(\$590,403)	\$1,558,096	\$1,542,925	(\$575,233)	(\$582,818)	3.25%	31	(\$1,604)	(\$576,837)
Apr-12	Estimate	(\$576,837)	\$1,374,086	\$1,420,199	(\$622,949)	(\$599,893)	3.25%	30	(\$1,598)	(\$624,548)
May-12	Estimate	(\$624,548)	\$1,574,523	\$1,415,364	(\$465,389)	(\$544,968)	3.25%	31	(\$1,500)	(\$466,890)
Jun-12	Estimate	(\$466,890)	\$1,907,652	\$1,620,012	(\$179,249)	(\$323,069)	3.25%	30	(\$861)	(\$180,110)
Jul-12	Estimate	(\$180,110)	<u>\$1,872,361</u>	<u>\$1,692,862</u>	(\$610)	(\$90,360)	3.25%	31	<u>(\$249)</u>	(\$859)
Total Aug-11 to Jul-12			\$19,757,068	\$18,811,806					(\$18,290)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh	Unbilled Factor (2)	Unbilled kWh (a * b)	Proposed EDC	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue (1)	Total Revenue (e + f + g)
Aug-09	Actual	111,232,486	51.09%	56,826,485	\$0.01425	\$809,777	(\$854,566)	\$1,640,352	\$1,595,564
Sep-09	Actual	106,362,335	51.82%	55,116,717	\$0.01425	\$785,413	(\$809,777)	\$1,515,592	\$1,491,228
Oct-09	Actual	91,526,196	52.28%	47,850,126	\$0.01425	\$681,864	(\$785,413)	\$1,304,140	\$1,200,591
Nov-09	Actual	90,101,775	53.52%	48,225,808	\$0.01425	\$687,218	(\$681,864)	\$1,283,775	\$1,289,128
Dec-09	Actual	97,961,623	58.55%	57,360,928	\$0.01425	\$817,393	(\$687,218)	\$1,395,851	\$1,526,026
Jan-10	Actual	113,196,093	46.68%	52,839,635	\$0.01425	\$752,965	(\$817,393)	\$1,612,926	\$1,548,497
Feb-10	Actual	97,332,957	53.24%	51,823,470	\$0.01425	\$738,484	(\$752,965)	\$1,386,908	\$1,372,428
Mar-10	Actual	89,719,429	62.65%	56,207,801	\$0.01425	\$800,961	(\$738,484)	\$1,278,393	\$1,340,869
Apr-10	Actual	96,874,237	47.19%	45,716,411	\$0.01425	\$651,459	(\$800,961)	\$1,380,349	\$1,230,846
May-10	Actual	89,949,972	51.13%	45,990,234	\$0.01425	\$655,361	(\$651,459)	\$1,281,679	\$1,285,581
Jun-10	Actual	96,317,314	59.20%	57,023,913	\$0.01425	\$812,591	(\$655,361)	\$1,372,412	\$1,529,642
Jul-10	Actual	<u>120,690,023</u>	48.20%	<u>58,177,230</u>	\$0.01425	<u>\$829,026</u>	<u>(\$812,591)</u>	<u>\$1,719,759</u>	<u>\$1,736,193</u>
Total Aug-09 to Jul-10		1,201,264,441		633,158,759		\$9,022,512	(\$9,048,052)	\$17,172,134	\$17,146,593

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh	Unbilled Factor	Unbilled kWh (a * b)	Proposed EDC	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue (1)	Total Revenue (e + f + g)
Aug-10	Actual	118,332,566	51.62%	61,084,546	\$0.01688	\$1,031,107	(\$829,026)	\$1,824,050	\$2,026,132
Sep-10	Actual	113,714,982	48.71%	55,387,730	\$0.01688	\$934,945	(\$1,031,107)	\$1,919,354	\$1,823,191
Oct-10	Actual	92,612,369	55.33%	51,238,182	\$0.01688	\$864,901	(\$934,945)	\$1,563,303	\$1,493,259
Nov-10	Actual	93,622,804	50.77%	47,534,339	\$0.01688	\$802,380	(\$864,901)	\$1,580,341	\$1,517,820
Dec-10	Actual	100,737,176	64.97%	65,452,629	\$0.01688	\$1,104,840	(\$802,380)	\$1,700,443	\$2,002,904
Jan-11	Actual	109,307,944	51.10%	55,853,270	\$0.01688	\$942,803	(\$1,104,840)	\$1,845,153	\$1,683,116
Feb-11	Actual	105,182,261	45.85%	48,227,741	\$0.01688	\$814,084	(\$942,803)	\$1,775,352	\$1,646,633
Mar-11	Actual	98,948,313	69.84%	69,106,615	\$0.01688	\$1,166,520	(\$814,084)	\$1,670,119	\$2,022,554
Apr-11	Actual	97,275,679	60.87%	59,216,076	\$0.01688	\$999,567	(\$1,166,520)	\$1,642,049	\$1,475,097
May-11	Estimate	91,088,048	50.50%	46,001,953	\$0.01688	\$776,513	(\$999,567)	\$1,537,566	\$1,314,512
Jun-11	Estimate	98,685,571	52.88%	52,182,721	\$0.01688	\$880,844	(\$776,513)	\$1,665,812	\$1,770,144
Jul-11	Estimate	<u>105,481,154</u>	53.70%	<u>56,638,393</u>	\$0.01688	<u>\$956,056</u>	<u>(\$880,844)</u>	<u>\$1,780,522</u>	<u>\$1,855,734</u>
Total Aug-10 to Jul-11		1,224,988,868		667,924,194		\$11,274,560	(\$11,147,530)	\$20,504,065	\$20,631,096

(1) Actual per billing system

(2) Detail of Unbilled Factors for all classes shown on page 6.

Unitil Energy Systems, Inc.
External Delivery Revenues

Schedule LSM-2

Page 5 of 6

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Total Billed kWh	Unbilled Factor	Unbilled kWh (a * b)	Proposed EDC	Unbilled EDC Revenue (c * d)	Reversal of prior month unbilled	Total Billed EDC Revenue	Total Revenue (e + f + g)
Aug-11	Estimate	120,509,524	46.43%	55,955,484	\$0.01501	\$839,892	(\$956,056)	\$1,914,762	\$1,798,597
Sep-11	Estimate	107,932,247	46.37%	50,051,029	\$0.01501	\$751,266	(\$839,892)	\$1,620,063	\$1,531,437
Oct-11	Estimate	97,669,294	51.96%	50,745,666	\$0.01501	\$761,692	(\$751,266)	\$1,466,016	\$1,476,443
Nov-11	Estimate	96,300,108	50.91%	49,030,652	\$0.01501	\$735,950	(\$761,692)	\$1,445,465	\$1,419,722
Dec-11	Estimate	103,540,081	52.32%	54,172,863	\$0.01501	\$813,135	(\$735,950)	\$1,554,137	\$1,631,321
Jan-12	Estimate	111,473,594	50.70%	56,522,435	\$0.01501	\$848,402	(\$813,135)	\$1,673,219	\$1,708,486
Feb-12	Estimate	108,360,939	47.73%	51,721,657	\$0.01501	\$776,342	(\$848,402)	\$1,626,498	\$1,554,438
Mar-12	Estimate	102,982,200	50.04%	51,532,628	\$0.01501	\$773,505	(\$776,342)	\$1,545,763	\$1,542,925
Apr-12	Estimate	99,130,323	47.43%	47,019,133	\$0.01501	\$705,757	(\$773,505)	\$1,487,946	\$1,420,199
May-12	Estimate	93,889,040	50.51%	47,424,861	\$0.01501	\$711,847	(\$705,757)	\$1,409,274	\$1,415,364
Jun-12	Estimate	101,666,722	52.81%	53,686,977	\$0.01501	\$805,842	(\$711,847)	\$1,526,017	\$1,620,012
Jul-12	Estimate	<u>108,344,854</u>	53.65%	<u>58,124,374</u>	\$0.01501	<u>\$872,447</u>	<u>(\$805,842)</u>	<u>\$1,626,256</u>	<u>\$1,692,862</u>
Total Aug-11 to Jul-12		1,251,798,925		625,987,759		\$9,396,076	(\$9,479,685)	\$18,895,416	\$18,811,806

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
Aug-09	111,232,486	56,826,485	51.09%
Sep-09	106,362,335	55,116,717	51.82%
Oct-09	91,526,196	47,850,126	52.28%
Nov-09	90,101,775	48,225,808	53.52%
Dec-09	97,961,623	57,360,928	58.55%
Jan-10	113,196,093	52,839,635	46.68%
Feb-10	97,332,957	51,823,470	53.24%
Mar-10	89,719,429	56,207,801	62.65%
Apr-10	96,874,237	45,716,411	47.19%
May-10	89,949,972	45,990,234	51.13%
Jun-10	96,317,314	57,023,913	59.20%
Jul-10	120,690,023	58,177,230	48.20%
Aug-10	118,332,566	61,084,546	51.62%
Sep-10	113,714,982	55,387,730	48.71%
Oct-10	92,612,369	51,238,182	55.33%
Nov-10	93,622,804	47,534,339	50.77%
Dec-10	100,737,176	65,452,629	64.97%
Jan-11	109,307,944	55,853,270	51.10%
Feb-11	105,182,261	48,227,741	45.85%
Mar-11	98,948,313	69,106,615	69.84%
Apr-11	97,275,679	59,216,076	60.87%

SCHEDULE LSM-3
REDLINE TARIFFS

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

Fifth Fourth Revised Page 65
 Superseding Fourth Third Revised Page 65

(R)

CALCULATION OF THE STRANDED COST CHARGE

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2011	\$317,111	(\$259,508)
2. Estimated Total Costs (August 2011 - July 2012)	\$1,310,796	\$207,967
3. Estimated Interest (August 2011 - July 2012)	\$19,777	(\$4,393)
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$1,647,684	(\$55,934)
5. Estimated Calendar Month Deliveries in kWh (August 2011 - July 2012)	1,195,829,394	1,253,284,906
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00138	(\$0.00004)
Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter, G2 - Quick Recovery Water Heating, G2 - Space Heating, <u>G2 Controlled Off Peak Water Heating, OL</u>		
7. Stranded Cost Charge (\$/kWh) (L.6)	\$0.00138	(\$0.00004)
<u>Class G2 (1)</u>		
8. Estimated G2 Demand Revenue (August 2011 - July 2012)	\$312,576	(\$9,433)
9. Estimated G2 Deliveries in kW (August 2011 - July 2012)	1,306,463	1,385,727
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.24	(\$0.01)
11. G2 Energy Revenue (August 2011 - July 2012)	\$155,909	(\$4,567)
12. Estimated G2 Calendar Month Deliveries in kWh (August 2011 - July 2012)	339,481,700	349,998,601
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00046	(\$0.00001)
<u>Class G1 (1)</u>		
14. Estimated G1 Demand Revenue (August 2011 - July 2012)	\$337,323	(\$10,386)
15. Estimated G1 Deliveries in kVA (August 2011 - July 2012)	986,371	1,039,814
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$0.34	(\$0.01)
17. G1 Energy Revenue (August 2011 - July 2012)	\$140,323	(\$4,475)
18. Estimated G1 Calendar Month Deliveries in kWh (August 2011 - July 2012)	346,119,813	371,512,494
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00041	(\$0.00001)

(1) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

Authorized by NHPUC Order No. ~~25-133~~ in Case No. DE ~~10-172~~, dated ~~July 30, 2010~~

Issued: June 17, 2011
 Effective: August 1, 2011

Issued By: Mark H. Collin
 Treasurer

CALCULATION OF THE EXTERNAL DELIVERY CHARGE

(R)

1. (Over)/under Recovery - Beginning Balance August 1, 2010	\$1,003,161
2. Estimated Total Costs (August 2010 - July 2011)	\$19,170,146
3. Estimated Interest (August 2010 - July 2011)	<u>\$12,322</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$20,185,628
5. Estimated Calendar Month Deliveries in kWh (August 2010 - July 2011)	<u>1,195,829,394</u>
6. External Delivery Charge (\$/kWh) (L.5/L.6)	\$0.01688
1. (Over)/under Recovery - Beginning Balance August 1, 2011	(\$927,831)
2. Estimated Total Costs (August 2011 - July 2012)	\$19,757,068
3. Estimated Interest (August 2011 - July 2012)	<u>(\$18,290)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$18,810,947
5. Estimated Calendar Month Deliveries in kWh (August 2011 - July 2012)	<u>1,253,284,906</u>
6. External Delivery Charge (\$/kWh) (L.5/L.6)	\$0.01501

Authorized by NHPUC Order No. ~~25,133~~ in Case No. DE ~~10-172~~, dated ~~July 30, 2010~~

Issued: June 17, 2011~~July 2, 2010~~
Effective: August 1, 2011~~10~~

Issued By: Mark H. Collin
Treasurer

SCHEDULE LSM-4

BILL IMPACTS

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

Residential Rate D 500 kWh Bill

	5/1/2011	8/1/2011					%
<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	\$10.27	\$10.27	\$0.00	\$10.27	\$10.27	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge							
First 250 kWh	\$0.02750	\$0.02750	\$0.00000	\$6.88	\$6.88	\$0.00	0.0%
Excess 250 kWh	\$0.03250	\$0.03250	\$0.00000	\$8.13	\$8.13	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$8.44	\$7.51	(\$0.93)	(1.3%)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	\$0.69	(\$0.02)	(\$0.71)	(1.0%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$0.48	\$0.48	\$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>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$36.37</u>	<u>\$36.37</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.12276	\$0.11947	(\$0.00329)				
Excess 250 kWh	\$0.12776	\$0.12447	(\$0.00329)				
Total Bill				\$72.90	\$71.26	(\$1.65)	(2.3%)

* Impacts do not include the Electricity Consumption Tax.

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

<u>Regular General G2 Quick Recovery Water Heating and Space Heating 2,000 kWh Typical Bill</u>							
	5/1/2011	8/1/2011					%
<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	\$5.60	\$5.60	\$0.00	\$5.60	\$5.60	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02789	\$0.02789	\$0.00000	\$55.78	\$55.78	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$33.76	\$30.02	(\$3.74)	(1.5%)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	\$2.76	(\$0.08)	(\$2.84)	(1.1%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$1.92	\$1.92	\$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>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$145.48</u>	<u>\$145.48</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.12315	\$0.11986	(\$0.00329)	\$246.30	\$239.72	(\$6.58)	(2.6%)
Total Bill				\$251.90	\$245.32	(\$6.58)	(2.6%)

<u>Regular General G2 kWh Meter 125 kWh Typical Bill</u>							
	5/1/2011	8/1/2011					%
<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	\$12.50	\$12.50	\$0.00	\$12.50	\$12.50	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02910	\$0.02910	\$0.00000	\$3.64	\$3.64	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$2.11	\$1.88	(\$0.23)	(0.8%)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	\$0.17	(\$0.01)	(\$0.18)	(0.6%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$0.12	\$0.12	\$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>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$9.09</u>	<u>\$9.09</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.12436	\$0.12107	(\$0.00329)	\$15.55	\$15.13	(\$0.41)	(1.5%)
Total Bill				\$28.05	\$27.63	(\$0.41)	(1.5%)

* Impacts do not include the Electricity Consumption Tax.

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

<u>Regular General G2 Demand, 10 kW, 3,000 kWh Typical Bill</u>							
	5/1/2011	8/1/2011					%
<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	\$16.50	\$16.50	\$0.00	\$16.50	\$16.50	\$0.00	0.0%
	<u>All kW</u>	<u>All kW</u>					
Distribution Charge	\$9.24	\$9.24	\$0.00	\$92.40	\$92.40	\$0.00	0.0%
Stranded Cost Charge	\$0.24	(\$0.01)	(\$0.25)	\$2.40	(\$0.10)	(\$2.50)	(0.6%)
Total	\$9.48	\$9.23	(\$0.25)	\$94.80	\$92.30	(\$2.50)	(0.6%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00034	\$0.00034	\$0.00000	\$1.02	\$1.02	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$50.64	\$45.03	(\$5.61)	(1.4%)
Stranded Cost Charge	\$0.00046	(\$0.00001)	(\$0.00047)	\$1.38	(\$0.03)	(\$1.41)	(0.4%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$2.88	\$2.88	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$9.90	\$9.90	\$0.00	0.0%
Default Service Charge	<u>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$218.22</u>	<u>\$218.22</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.09468	\$0.09234	(\$0.00234)	\$284.04	\$277.02	(\$7.02)	(1.8%)
Total Bill				\$395.34	\$385.82	(\$9.52)	(2.4%)

<u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u>							
	5/1/2011	8/1/2011					%
<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	\$87.09	\$87.09	\$0.00	\$87.09	\$87.09	\$0.00	0.0%
	<u>All kVa</u>	<u>All kVa</u>					
Distribution Charge	\$6.25	\$6.25	\$0.00	\$3,437.50	\$3,437.50	\$0.00	0.0%
Stranded Cost Charge	\$0.34	(\$0.01)	(\$0.35)	\$187.00	(\$5.50)	(\$192.50)	(0.9%)
Total	\$6.59	\$6.24	(\$0.35)	\$3,624.50	\$3,432.00	(\$192.50)	(0.9%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00034	\$0.00034	\$0.00000	\$68.00	\$68.00	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$3,376.00	\$3,002.00	(\$374.00)	(1.7%)
Stranded Cost Charge	\$0.00041	(\$0.00001)	(\$0.00042)	\$82.00	(\$2.00)	(\$84.00)	(0.4%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$192.00	\$192.00	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$660.00	\$660.00	\$0.00	0.0%
Default Service Charge	<u>\$0.06757</u>	<u>\$0.07169</u>	<u>\$0.00412</u>	<u>\$13,514.00</u>	<u>\$14,338.00</u>	<u>\$824.00</u>	<u>3.8%</u>
Total	\$0.08946	\$0.09129	\$0.00183	\$17,892.00	\$18,258.00	\$366.00	1.7%
Total Bill				\$21,603.59	\$21,777.09	\$173.50	0.8%

* 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 671 kWh Bill - Mean Use*

	5/1/2011	8/1/2011					%
<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	\$10.27	\$10.27	\$0.00	\$10.27	\$10.27	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge							
First 250 kWh	\$0.02750	\$0.02750	\$0.00000	\$6.88	\$6.88	\$0.00	0.0%
Excess 250 kWh	\$0.03250	\$0.03250	\$0.00000	\$13.68	\$13.68	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$11.33	\$10.07	(\$1.25)	(1.3%)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	\$0.93	(\$0.03)	(\$0.95)	(1.0%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$0.64	\$0.64	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$2.21	\$2.21	\$0.00	0.0%
Default Service Charge	<u>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$48.81</u>	<u>\$48.81</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.12276	\$0.11947	(\$0.00329)				
Excess 250 kWh	\$0.12776	\$0.12447	(\$0.00329)				
Total Bill				\$94.75	\$92.54	(\$2.21)	(2.3%)

Residential Rate D 560 kWh Bill - Median Use*

	5/1/2011	8/1/2011					%
<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	\$10.27	\$10.27	\$0.00	\$10.27	\$10.27	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge							
First 250 kWh	\$0.02750	\$0.02750	\$0.00000	\$6.88	\$6.88	\$0.00	0.0%
Excess 250 kWh	\$0.03250	\$0.03250	\$0.00000	\$10.08	\$10.08	\$0.00	0.0%
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	\$9.45	\$8.41	(\$1.05)	(1.3%)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	\$0.77	(\$0.02)	(\$0.80)	(1.0%)
Storm Recovery Adj.	\$0.00096	\$0.00096	\$0.00000	\$0.54	\$0.54	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$1.85	\$1.85	\$0.00	0.0%
Default Service Charge	<u>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	<u>\$40.73</u>	<u>\$40.73</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.12276	\$0.11947	(\$0.00329)				
Excess 250 kWh	\$0.12776	\$0.12447	(\$0.00329)				
Total Bill				\$80.57	\$78.72	(\$1.84)	(2.3%)

* Based on billing period February 2010 through January 2011.

** Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc.
Average Class Bill Impacts
Due to Proposed Rate Changes Effective August 1, 2011

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
<u>Class of Service</u>	<u>Number of Customers</u>	<u>Annual kWh Sales</u>	<u>Annual kW / kVA Sales</u>	<u>DSC Change \$</u>	<u>Proposed SCC Change \$</u>	<u>Proposed EDC Change \$</u>	<u>Estimated Annual Revenue \$ Under Present Rates</u>	<u>Estimated Annual Revenue \$ Under Proposed Rates</u>	<u>Proposed Net Change Revenue \$</u>	<u>% Change DSC Revenue</u>	<u>% Change Net SCC & EDC Revenue</u>	<u>% Change Net Revenue</u>
Residential	763,694	480,638,599	n/a	\$0	(\$682,507)	(\$898,794)	\$68,385,480	\$66,804,179	(\$1,581,301)	0.0%	(2.3%)	(2.3%)
General Service	129,249	340,275,469	1,301,458	\$0	(\$483,191)	(\$636,315)	\$46,799,056	\$45,679,550	(\$1,119,506)	0.0%	(2.4%)	(2.4%)
Large General Service	1,814	347,650,754	989,158	\$1,432,321	(\$493,664)	(\$650,107)	\$37,601,076	\$37,889,626	\$288,550	3.8%	(3.0%)	0.8%
Outdoor Lighting	115,819	8,988,739	n/a	\$0	(\$12,764)	(\$16,809)	\$2,417,811	\$2,388,238	(\$29,573)	0.0%	(1.2%)	(1.2%)
Total	1,010,576	1,177,553,561		\$1,432,321	(\$1,672,126)	(\$2,202,025)	\$155,203,423	\$152,761,593	(\$2,441,830)	0.9%	(2.5%)	(1.6%)

(B), (C), (D) Test year billing determinants in DE 10-055

(E), (F), (G) Difference in proposed rate and current rate, times the billing determinants shown in Column (C). The DSC for the G1 class used in this analysis are based on the average of the DSC for each 3-month period, August-October 2011 versus May-July 2011.

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

(I) Sum of Columns (E) through (H)

(J) Column (I) minus Column (H)

(K) Column (E) divided by Column (H)

(L) Column (F) + Column (G) divided by Column (H)

(M) Column (J) divided by Column (H)

Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2011 versus August 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers				
Average kWh	Total Bill Using Rates 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
125	\$25.62	\$25.20	(\$0.41)	(1.6%)
250	\$40.96	\$40.14	(\$0.82)	(2.0%)
500	\$72.90	\$71.26	(\$1.65)	(2.3%)
600	\$85.68	\$83.70	(\$1.97)	(2.3%)
750	\$104.84	\$102.37	(\$2.47)	(2.4%)
1,000	\$136.78	\$133.49	(\$3.29)	(2.4%)
1,250	\$168.72	\$164.61	(\$4.11)	(2.4%)
1,500	\$200.66	\$195.73	(\$4.93)	(2.5%)
2,000	\$264.54	\$257.96	(\$6.58)	(2.5%)
3,500	\$456.18	\$444.67	(\$11.52)	(2.5%)
5,000	\$647.82	\$631.37	(\$16.45)	(2.5%)

	Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference
Customer Charge	\$10.27	\$10.27	\$0.00
	kWh	kWh	kWh
Distribution Charge: First 250 kWh	\$0.02750	\$0.02750	\$0.00000
Excess 250 kWh	\$0.03250	\$0.03250	\$0.00000
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	\$0.07274	\$0.07274	\$0.00000
TOTAL First 250 kWh	\$0.12276	\$0.11947	(\$0.00329)
Excess 250 kWh	\$0.12776	\$0.12447	(\$0.00329)

Unitil Energy Systems, Inc.						
Typical Bill Impacts - May 1, 2011 versus August 1, 2011						
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 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
20%	5	730	\$133.02	\$130.06	(\$2.96)	(2.2%)
20%	10	1,460	\$249.53	\$243.62	(\$5.92)	(2.4%)
20%	15	2,190	\$366.05	\$357.17	(\$8.87)	(2.4%)
20%	25	3,650	\$599.08	\$584.29	(\$14.79)	(2.5%)
20%	50	7,300	\$1,181.66	\$1,152.08	(\$29.58)	(2.5%)
20%	75	10,950	\$1,764.25	\$1,719.87	(\$44.37)	(2.5%)
20%	100	14,600	\$2,346.83	\$2,287.66	(\$59.16)	(2.5%)
20%	150	21,900	\$3,511.99	\$3,423.25	(\$88.75)	(2.5%)
36%	5	1,314	\$188.31	\$183.98	(\$4.32)	(2.3%)
36%	10	2,628	\$360.12	\$351.47	(\$8.65)	(2.4%)
36%	15	3,942	\$531.93	\$518.95	(\$12.97)	(2.4%)
36%	25	6,570	\$875.55	\$853.92	(\$21.62)	(2.5%)
36%	50	13,140	\$1,734.60	\$1,691.35	(\$43.25)	(2.5%)
36%	75	19,710	\$2,593.64	\$2,528.77	(\$64.87)	(2.5%)
36%	100	26,280	\$3,452.69	\$3,366.20	(\$86.50)	(2.5%)
36%	150	39,420	\$5,170.79	\$5,041.04	(\$129.74)	(2.5%)
50%	5	1,825	\$236.69	\$231.17	(\$5.52)	(2.3%)
50%	10	3,650	\$456.88	\$445.84	(\$11.04)	(2.4%)
50%	15	5,475	\$677.07	\$660.51	(\$16.56)	(2.4%)
50%	25	9,125	\$1,117.46	\$1,089.85	(\$27.60)	(2.5%)
50%	50	18,250	\$2,218.41	\$2,163.21	(\$55.20)	(2.5%)
50%	75	27,375	\$3,319.37	\$3,236.56	(\$82.81)	(2.5%)
50%	100	36,500	\$4,420.32	\$4,309.91	(\$110.41)	(2.5%)
50%	150	54,750	\$6,622.23	\$6,456.62	(\$165.61)	(2.5%)
	Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference			
Customer Charge	\$16.50	\$16.50	\$0.00			
	All kW	All kW	All kW			
Distribution Charge	\$9.24	\$9.24	\$0.00			
Stranded Cost Charge	\$0.24	(\$0.01)	(\$0.25)			
TOTAL	\$9.48	\$9.23	(\$0.25)			
	kWh	kWh	kWh			
Distribution Charge	\$0.00034	\$0.00034	\$0.00000			
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)			
Stranded Cost Charge	\$0.00046	(\$0.00001)	(\$0.00047)			
Storm Recovery Adj. Factor	\$0.00096	\$0.00096	\$0.00000			
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000			
Default Service Charge	\$0.07274	\$0.07274	\$0.00000			
TOTAL	\$0.09468	\$0.09234	(\$0.00234)			

Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2011 versus August 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers				
Average Monthly kWh	Total Bill Using Rates 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
15	\$14.37	\$14.32	(\$0.05)	(0.3%)
75	\$21.83	\$21.58	(\$0.25)	(1.1%)
150	\$31.15	\$30.66	(\$0.49)	(1.6%)
250	\$43.59	\$42.77	(\$0.82)	(1.9%)
350	\$56.03	\$54.87	(\$1.15)	(2.1%)
450	\$68.46	\$66.98	(\$1.48)	(2.2%)
550	\$80.90	\$79.09	(\$1.81)	(2.2%)
650	\$93.33	\$91.20	(\$2.14)	(2.3%)
750	\$105.77	\$103.30	(\$2.47)	(2.3%)
900	\$124.42	\$121.46	(\$2.96)	(2.4%)
	Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference	
kWh Meter Customer Charge	\$12.50	\$12.50	\$0.00	
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>	
Distribution Charge	\$0.02910	\$0.02910	\$0.00000	
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	\$0.07274	\$0.07274	\$0.00000	
TOTAL	\$0.12436	\$0.12107	(\$0.00329)	

Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2011 versus August 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G2 QRWH and SH Rate Customers				
Average kWh	Total Bill Using Rates 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
100	\$17.92	\$17.59	(\$0.33)	(1.8%)
200	\$30.23	\$29.57	(\$0.66)	(2.2%)
300	\$42.55	\$41.56	(\$0.99)	(2.3%)
400	\$54.86	\$53.54	(\$1.32)	(2.4%)
500	\$67.18	\$65.53	(\$1.65)	(2.4%)
750	\$97.96	\$95.50	(\$2.47)	(2.5%)
1,000	\$128.75	\$125.46	(\$3.29)	(2.6%)
1,500	\$190.33	\$185.39	(\$4.94)	(2.6%)
2,000	\$251.90	\$245.32	(\$6.58)	(2.6%)
2,500	\$313.48	\$305.25	(\$8.23)	(2.6%)
	Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference	
Customer Charge	\$5.60	\$5.60	\$0.00	
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>	
Distribution Charge	\$0.02789	\$0.02789	\$0.00000	
External Delivery Charge	\$0.01688	\$0.01501	(\$0.00187)	
Stranded Cost Charge	\$0.00138	(\$0.00004)	(\$0.00142)	
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	<u>\$0.07274</u>	<u>\$0.07274</u>	<u>\$0.00000</u>	
TOTAL	\$0.12315	\$0.11986	(\$0.00329)	

Unitil Energy Systems, Inc.						
Typical Bill Impacts - May 1, 2011 versus August 1, 2011						
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 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
25.0%	200	36,500	\$4,670.38	\$4,667.18	(\$3.20)	(0.1%)
25.0%	400	73,000	\$9,253.67	\$9,247.26	(\$6.41)	(0.1%)
25.0%	600	109,500	\$13,836.96	\$13,827.35	(\$9.61)	(0.1%)
25.0%	800	146,000	\$18,420.25	\$18,407.43	(\$12.82)	(0.1%)
25.0%	1,000	182,500	\$23,003.54	\$22,987.52	(\$16.02)	(0.1%)
25.0%	1,500	273,750	\$34,461.77	\$34,437.73	(\$24.04)	(0.1%)
25.0%	2,000	365,000	\$45,919.99	\$45,887.94	(\$32.05)	(0.1%)
25.0%	2,500	456,250	\$57,378.22	\$57,338.15	(\$40.06)	(0.1%)
25.0%	3,000	547,500	\$68,836.44	\$68,788.37	(\$48.07)	(0.1%)
40.0%	200	58,400	\$6,629.55	\$6,666.43	\$36.87	0.6%
40.0%	400	116,800	\$13,172.02	\$13,245.76	\$73.74	0.6%
40.0%	600	175,200	\$19,714.48	\$19,825.10	\$110.62	0.6%
40.0%	800	233,600	\$26,256.95	\$26,404.43	\$147.49	0.6%
40.0%	1,000	292,000	\$32,799.41	\$32,983.77	\$184.36	0.6%
40.0%	1,500	438,000	\$49,155.57	\$49,432.11	\$276.54	0.6%
40.0%	2,000	584,000	\$65,511.73	\$65,880.45	\$368.72	0.6%
40.0%	2,500	730,000	\$81,867.89	\$82,328.79	\$460.90	0.6%
40.0%	3,000	876,000	\$98,224.05	\$98,777.13	\$553.08	0.6%
57.0%	200	83,220	\$8,849.95	\$8,932.24	\$82.29	0.9%
57.0%	400	166,440	\$17,612.81	\$17,777.40	\$164.59	0.9%
57.0%	600	249,660	\$26,375.67	\$26,622.55	\$246.88	0.9%
57.0%	800	332,880	\$35,138.53	\$35,467.71	\$329.17	0.9%
57.0%	1,000	416,100	\$43,901.40	\$44,312.86	\$411.46	0.9%
57.0%	1,500	624,150	\$65,808.55	\$66,425.74	\$617.19	0.9%
57.0%	2,000	832,200	\$87,715.70	\$88,538.63	\$822.93	0.9%
57.0%	2,500	1,040,250	\$109,622.86	\$110,651.51	\$1,028.66	0.9%
57.0%	3,000	1,248,300	\$131,530.01	\$132,764.40	\$1,234.39	0.9%
71.0%	200	103,660	\$10,678.51	\$10,798.21	\$119.70	1.1%
71.0%	400	207,320	\$21,269.94	\$21,509.33	\$239.40	1.1%
71.0%	600	310,980	\$31,861.36	\$32,220.45	\$359.09	1.1%
71.0%	800	414,640	\$42,452.78	\$42,931.58	\$478.79	1.1%
71.0%	1,000	518,300	\$53,044.21	\$53,642.70	\$598.49	1.1%
71.0%	1,500	777,450	\$79,522.77	\$80,420.50	\$897.73	1.1%
71.0%	2,000	1,036,600	\$106,001.33	\$107,198.30	\$1,196.98	1.1%
71.0%	2,500	1,295,750	\$132,479.89	\$133,976.11	\$1,496.22	1.1%
71.0%	3,000	1,554,900	\$158,958.44	\$160,753.91	\$1,795.47	1.1%
			Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference	
Customer Charge			\$87.09	\$87.09	\$0.00	
			All kVA	All kVA	All kVA	
Distribution Charge			\$6.25	\$6.25	\$0.00	
Stranded Cost Charge			\$0.34	(\$0.01)	(\$0.35)	
TOTAL			\$6.59	\$6.24	(\$0.35)	
			All kWh	All kWh	All kWh	
Distribution Charge			\$0.00034	\$0.00034	\$0.00000	
External Delivery Charge			\$0.01688	\$0.01501	(\$0.00187)	
Stranded Cost Charge			\$0.00041	(\$0.00001)	(\$0.00042)	
Storm Recovery Adjustment Factor			\$0.00096	\$0.00096	\$0.00000	
System Benefits Charge			\$0.00330	\$0.00330	\$0.00000	
Default Service Charge*			\$0.06757	\$0.07169	\$0.00412	
TOTAL			\$0.08946	\$0.09129	\$0.00183	
* Default Service Charges shown are based on the average of the DSC for each 3-month period.						

Unitil Energy Systems, Inc.							
Typical Bill Impacts - May 1, 2011 versus August 1, 2011							
Impacts do NOT include the Electricity Consumption Tax							
Impact on OL Rate Customers*							
	Nominal Watts	Lumens	Average Monthly kWh	Total Bill Using Rates 5/1/2011	Total Bill Using Rates 8/1/2011	Total Difference	% Total Difference
Mercury Vapor:							
1	100	3,500	40	\$13.93	\$13.80	(\$0.13)	(0.9%)
2	175	7,000	67	\$18.65	\$18.42	(\$0.22)	(1.2%)
3	250	11,000	95	\$23.13	\$22.82	(\$0.31)	(1.4%)
4	400	20,000	154	\$31.70	\$31.20	(\$0.51)	(1.6%)
5	1,000	60,000	388	\$72.10	\$70.83	(\$1.28)	(1.8%)
6	250	11,000	95	\$24.13	\$23.82	(\$0.31)	(1.3%)
7	400	20,000	154	\$32.99	\$32.49	(\$0.51)	(1.5%)
8	1,000	60,000	388	\$68.23	\$66.96	(\$1.28)	(1.9%)
9	100	3,500	40	\$14.04	\$13.91	(\$0.13)	(0.9%)
10	175	7,000	67	\$17.89	\$17.66	(\$0.22)	(1.2%)
High Pressure Sodium:							
11	50	4,000	21	\$12.33	\$12.26	(\$0.07)	(0.6%)
12	100	9,500	43	\$15.89	\$15.75	(\$0.14)	(0.9%)
13	150	16,000	60	\$17.57	\$17.37	(\$0.20)	(1.1%)
14	250	30,000	101	\$24.82	\$24.48	(\$0.33)	(1.3%)
15	400	50,000	161	\$34.84	\$34.31	(\$0.53)	(1.5%)
16	1,000	140,000	398	\$72.61	\$71.30	(\$1.31)	(1.8%)
17	150	16,000	60	\$19.58	\$19.38	(\$0.20)	(1.0%)
18	250	30,000	101	\$26.22	\$25.88	(\$0.33)	(1.3%)
19	400	50,000	161	\$34.38	\$33.85	(\$0.53)	(1.5%)
20	1,000	140,000	398	\$72.92	\$71.61	(\$1.31)	(1.8%)
21	50	4,000	21	\$11.46	\$11.39	(\$0.07)	(0.6%)
22	100	95,000	43	\$14.88	\$14.74	(\$0.14)	(1.0%)
Metal Halide:							
23	175	8,800	66	\$22.13	\$21.91	(\$0.22)	(1.0%)
24	250	13,500	92	\$26.12	\$25.81	(\$0.30)	(1.2%)
25	400	23,500	148	\$32.16	\$31.67	(\$0.49)	(1.5%)
26	175	8,800	66	\$24.79	\$24.57	(\$0.22)	(0.9%)
27	250	13,500	92	\$28.86	\$28.55	(\$0.30)	(1.0%)
28	400	23,500	148	\$34.25	\$33.76	(\$0.49)	(1.4%)
29	175	8,800	66	\$21.03	\$20.81	(\$0.22)	(1.0%)
30	250	13,500	92	\$24.53	\$24.22	(\$0.30)	(1.2%)
31	400	23,500	148	\$31.06	\$30.57	(\$0.49)	(1.6%)
Luminaire Charges For Year Round Service:							
Rates - Effective May 1, 2011							
		Mercury Vapor Rate/Mo.			Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.
Customer Charge	\$0.00	1	\$10.11	11	\$10.32	23	\$15.82
		2	\$12.24	12	\$11.78	24	\$17.32
	All kWh	3	\$14.05	13	\$11.83	25	\$18.01
Distribution Charge	\$0.00034	4	\$16.98	14	\$15.16	26	\$18.48
External Delivery Charge	\$0.01688	5	\$35.01	15	\$19.45	27	\$20.06
Stranded Cost Charge	\$0.00138	6	\$15.05	16	\$34.56	28	\$20.10
Storm Recovery Adj. Factor	\$0.00096	7	\$18.27	17	\$13.84	29	\$14.72
System Benefits Charge	\$0.00330	8	\$31.14	18	\$16.56	30	\$15.73
Default Service Charge	\$0.07274	9	\$10.22	19	\$18.99	31	\$16.91
		10	\$11.48	20	\$34.87		
TOTAL	\$0.09560			21	\$9.45		
				22	\$10.77		
Rates - Proposed August 1, 2011							
		Mercury Vapor Rate/Mo.			Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.
Customer Charge	\$0.00	1	\$10.11	11	\$10.32	23	\$15.82
		2	\$12.24	12	\$11.78	24	\$17.32
	All kWh	3	\$14.05	13	\$11.83	25	\$18.01
Distribution Charge	\$0.00034	4	\$16.98	14	\$15.16	26	\$18.48
External Delivery Charge	\$0.01501	5	\$35.01	15	\$19.45	27	\$20.06
Stranded Cost Charge	-\$0.00004	6	\$15.05	16	\$34.56	28	\$20.10
Storm Recovery Adj. Factor	\$0.00096	7	\$18.27	17	\$13.84	29	\$14.72
System Benefits Charge	\$0.00330	8	\$31.14	18	\$16.56	30	\$15.73
Default Service Charge	\$0.07274	9	\$10.22	19	\$18.99	31	\$16.91
		10	\$11.48	20	\$34.87		
TOTAL	\$0.09231			21	\$9.45		
				22	\$10.77		
	Difference	Mercury Vapor-Difference			Sodium Vapor-Difference		Metal Halide-Difference
Customer Charge	\$0.00	1	\$0.00	11	\$0.00	23	\$0.00
		2	\$0.00	12	\$0.00	24	\$0.00
	All kWh	3	\$0.00	13	\$0.00	25	\$0.00
Distribution Charge	\$0.00000	4	\$0.00	14	\$0.00	26	\$0.00
External Delivery Charge	(\$0.00187)	5	\$0.00	15	\$0.00	27	\$0.00
Stranded Cost Charge	(\$0.00142)	6	\$0.00	16	\$0.00	28	\$0.00
Storm Recovery Adj. Factor	\$0.00000	7	\$0.00	17	\$0.00	29	\$0.00
System Benefits Charge	\$0.00000	8	\$0.00	18	\$0.00	30	\$0.00
Default Service Charge	\$0.00000	9	\$0.00	19	\$0.00	31	\$0.00
		10	\$0.00	20	\$0.00		
TOTAL	(\$0.00329)			21	\$0.00		
				22	\$0.00		