

SCHEDULE LSM-1
STRANDED COST CHARGE

UNITIL ENERGY SYSTEMS, INC.
CALCULATION OF THE STRANDED COST CHARGE
Effective August 1, 2012

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2012	(\$59,251)	Page 3 of 6
2. Estimated Total Costs (August 2012 - July 2013)	\$210,075	Page 3 of 6
3. Estimated Interest (August 2012 - July 2013)	<u>(\$760)</u>	Page 3 of 6
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$150,064	
5. Estimated Calendar Month Deliveries in kWh (August 2012 - July 2013) (1)	<u>1,222,406,844</u>	
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00012	

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)	\$0.00012
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Class G2 (2)

8. Estimated G2 Demand Revenue (August 2012 - July 2013)	\$32,826
9. Estimated G2 Deliveries in kW (August 2012 - July 2013)	<u>1,347,415</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.02
11. G2 Energy Revenue (August 2012 - July 2013)	\$8,362
12. Estimated G2 Calendar Month Deliveries in kWh (August 2012 - July 2013) (1)	<u>343,234,504</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00002

Class G1 (2)

14. Estimated G1 Demand Revenue (August 2012 - July 2013)	\$31,680
15. Estimated G1 Deliveries in kVA (August 2012 - July 2013)	<u>1,008,743</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$0.03
17. G1 Energy Revenue (August 2012 - July 2013)	\$11,230
18. Estimated G1 Calendar Month Deliveries in kWh (August 2012 - July 2013) (1)	<u>357,589,078</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00003

(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 2012-Jul 2013 Billed kWh 1,221,785,164	Aug 2012-Jul 2013 Billed kWh 343,035,357	Aug 2012-Jul 2013 Billed kWh 357,451,448
- July 2012 Unbilled kWh (60,036,583)	- July 2012 Unbilled kWh (16,901,858)	- July 2012 Unbilled kWh (17,082,276)
+ July 2013 Unbilled kWh <u>60,658,262</u>	+ July 2013 Unbilled kWh <u>17,101,006</u>	+ July 2013 Unbilled kWh <u>17,219,906</u>
Calendar Month Deliveries 1,222,406,844	Calendar Month Deliveries 343,234,504	Calendar Month Deliveries 357,589,078

(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 12 - Jul 13)	Current Rates	Revenue under current rates	% of Total	Revenue at Proposed Rates
G2 kW	1,347,415	(\$0.01)	(\$13,474)	80%	\$32,826
G2 kWh	343,234,504	(\$0.00001)	<u>(\$3,432)</u>	<u>20%</u>	<u>\$8,362</u>
Total			(\$16,906)	100%	\$41,188
G1 kVA	1,008,743	(\$0.01)	(\$10,087)	74%	\$31,680
G1 kWh	357,589,078	(\$0.00001)	<u>(\$3,576)</u>	<u>26%</u>	<u>\$11,230</u>
Total			(\$13,663)	100%	\$42,911

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

		(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-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	Actual	\$123,506	\$51,627	\$129,765	\$45,369	\$84,438	3.25%	31	\$233	\$45,602
Jun-11	Actual	\$45,602	(\$27,887)	\$124,202	(\$106,486)	(\$30,442)	3.25%	30	(\$81)	(\$106,567)
Jul-11	Actual	(\$106,567)	<u>(\$7,711)</u>	<u>\$170,722</u>	(\$285,001)	(\$195,784)	3.25%	31	<u>(\$540)</u>	(\$285,541)
Total Aug-10 to Jul-11			\$1,214,924	\$1,810,944					\$13,168	

		(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	Actual	(\$285,541)	\$14,119	\$27,459	(\$298,881)	(\$292,211)	3.25%	31	(\$807)	(\$299,688)
Sep-11	Actual	(\$299,688)	\$15,922	(\$3,098)	(\$280,667)	(\$290,177)	3.25%	30	(\$775)	(\$281,442)
Oct-11	Actual	(\$281,442)	\$23,511	(\$3,221)	(\$254,711)	(\$268,077)	3.25%	31	(\$740)	(\$255,451)
Nov-11	Actual	(\$255,451)	\$13,487	(\$2,935)	(\$239,028)	(\$247,239)	3.25%	30	(\$660)	(\$239,688)
Dec-11	Actual	(\$239,688)	\$14,291	(\$3,581)	(\$221,816)	(\$230,752)	3.25%	31	(\$637)	(\$222,453)
Jan-12	Actual	(\$222,453)	\$31,614	(\$3,705)	(\$187,135)	(\$204,794)	3.25%	31	(\$564)	(\$187,699)
Feb-12	Actual	(\$187,699)	\$31,049	(\$4,023)	(\$152,627)	(\$170,163)	3.25%	29	(\$438)	(\$153,065)
Mar-12	Actual	(\$153,065)	\$15,239	(\$3,988)	(\$133,838)	(\$143,452)	3.25%	31	(\$395)	(\$134,233)
Apr-12	Actual	(\$134,233)	\$15,719	(\$3,866)	(\$114,648)	(\$124,441)	3.25%	30	(\$332)	(\$114,980)
May-12	Estimate	(\$114,980)	\$14,471	(\$3,876)	(\$96,633)	(\$105,806)	3.25%	31	(\$291)	(\$96,924)
Jun-12	Estimate	(\$96,924)	\$14,471	(\$4,250)	(\$78,203)	(\$87,564)	3.25%	30	(\$233)	(\$78,436)
Jul-12	Estimate	(\$78,436)	<u>\$14,471</u>	<u>(\$4,904)</u>	(\$59,062)	(\$68,749)	3.25%	31	<u>(\$189)</u>	(\$59,251)
Total Aug-11 to Jul-12			\$218,364	(\$13,987)					(\$6,061)	

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

		(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-12	Estimate	(\$59,251)	\$17,506	\$12,398	(\$54,143)	(\$56,697)	3.25%	31	(\$156)	(\$54,299)
Sep-12	Estimate	(\$54,299)	\$17,506	\$11,223	(\$48,015)	(\$51,157)	3.25%	30	(\$136)	(\$48,152)
Oct-12	Estimate	(\$48,152)	\$17,506	\$11,367	(\$42,013)	(\$45,082)	3.25%	31	(\$124)	(\$42,137)
Nov-12	Estimate	(\$42,137)	\$17,506	\$10,510	(\$35,141)	(\$38,639)	3.25%	30	(\$103)	(\$35,244)
Dec-12	Estimate	(\$35,244)	\$17,506	\$11,806	(\$29,544)	(\$32,394)	3.25%	31	(\$89)	(\$29,633)
Jan-13	Estimate	(\$29,633)	\$17,506	\$12,293	(\$24,419)	(\$27,026)	3.25%	31	(\$75)	(\$24,494)
Feb-13	Estimate	(\$24,494)	\$17,506	\$11,133	(\$18,121)	(\$21,307)	3.25%	28	(\$53)	(\$18,174)
Mar-13	Estimate	(\$18,174)	\$17,506	\$11,100	(\$11,768)	(\$14,971)	3.25%	31	(\$41)	(\$11,809)
Apr-13	Estimate	(\$11,809)	\$17,506	\$10,493	(\$4,796)	(\$8,302)	3.25%	30	(\$22)	(\$4,818)
May-13	Estimate	(\$4,818)	\$17,506	\$10,429	\$2,259	(\$1,279)	3.25%	31	(\$4)	\$2,256
Jun-13	Estimate	\$2,256	\$17,506	\$11,372	\$8,390	\$5,323	3.25%	30	\$14	\$8,404
Jul-13	Estimate	\$8,404	<u>\$17,506</u>	<u>\$13,268</u>	\$12,642	\$10,523	3.25%	31	<u>\$29</u>	\$12,671
Total Aug-12 to Jul-13			\$210,075	\$137,393					(\$760)	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1 (1)				Unbilled Revenue (c * d)	Total Billed kWh - G2 demand (1)				Unbilled Revenue (h * i)	Total Billed kWh - G1 (1)				Unbilled Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
		G2 demand and G1 (1)	Unbilled Factor (2)	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	demand (1)	Unbilled Factor (2)	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	kWh - G1 (1)	Unbilled Factor (2)	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)		Total Billed SCC Revenue	Total Revenue
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	Actual	34,850,772	76.06%	26,508,138	\$0.00138	\$36,581	25,302,294	75.82%	19,184,649	\$0.00046	\$8,825	27,700,287	70.62%	19,562,814	\$0.00041	\$8,021	(\$48,413)	\$124,751	\$129,765
Jun-11	Actual	38,435,170	51.26%	19,703,305	\$0.00138	\$27,191	28,056,221	51.85%	14,547,099	\$0.00046	\$6,692	30,180,463	51.21%	15,456,329	\$0.00041	\$6,337	(\$53,427)	\$137,409	\$124,202
Jul-11	Actual	48,236,332	59.91%	28,897,912	\$0.00138	\$39,879	32,763,832	56.52%	18,517,764	\$0.00046	\$8,518	33,519,204	48.30%	16,190,329	\$0.00041	\$6,638	(\$40,219)	\$155,906	\$170,722
Total Aug-10 to Jul-11		524,316,098		295,195,110		\$407,369	344,274,295		193,999,988		\$89,240	360,188,278		202,451,644		\$83,005	(\$701,018)	\$1,932,348	\$1,810,944

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1 (1)				Unbilled Revenue (c * d)	Total Billed kWh - G2 demand (1)				Unbilled Revenue (h * i)	Total Billed kWh - G1 (1)				Unbilled Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
		G2 demand and G1 (1)	Unbilled Factor (2)	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	demand (1)	Unbilled Factor (2)	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	kWh - G1 (1)	Unbilled Factor (2)	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)		Total Billed SCC Revenue	Total Revenue
Aug-11	Actual	50,292,551	48.88%	24,584,198	(\$0.00004)	(\$983)	32,744,314	51.15%	16,750,346	(\$0.00001)	(\$168)	32,551,263	57.04%	18,567,742	(\$0.00001)	(\$186)	(\$55,035)	\$83,831	\$27,459
Sep-11	Actual	45,759,483	42.67%	19,526,105	(\$0.00004)	(\$781)	32,052,808	43.57%	13,966,671	(\$0.00001)	(\$140)	32,862,183	46.96%	15,433,085	(\$0.00001)	(\$154)	\$1,337	(\$3,360)	(\$3,098)
Oct-11	Actual	36,519,422	58.88%	21,504,304	(\$0.00004)	(\$860)	27,117,388	55.20%	14,967,823	(\$0.00001)	(\$150)	30,091,217	55.25%	16,624,814	(\$0.00001)	(\$166)	\$1,075	(\$3,120)	(\$3,221)
Nov-11	Actual	37,971,338	50.39%	19,135,288	(\$0.00004)	(\$765)	26,171,089	49.41%	12,930,147	(\$0.00001)	(\$129)	28,592,027	48.94%	13,992,836	(\$0.00001)	(\$140)	\$1,176	(\$3,077)	(\$2,935)
Dec-11	Actual	41,399,573	60.36%	24,986,777	(\$0.00004)	(\$999)	25,809,661	56.95%	14,697,866	(\$0.00001)	(\$147)	27,618,147	55.09%	15,215,122	(\$0.00001)	(\$152)	\$1,035	(\$3,317)	(\$3,581)
Jan-12	Actual	49,919,846	50.05%	24,984,889	(\$0.00004)	(\$999)	28,512,429	49.85%	14,213,871	(\$0.00001)	(\$142)	27,601,531	49.76%	13,734,309	(\$0.00001)	(\$137)	\$1,299	(\$3,724)	(\$3,705)
Feb-12	Actual	45,712,692	44.80%	20,480,993	(\$0.00004)	(\$819)	28,100,736	47.13%	13,243,094	(\$0.00001)	(\$132)	28,727,521	48.09%	13,815,889	(\$0.00001)	(\$138)	\$1,279	(\$4,212)	(\$4,023)
Mar-12	Actual	40,957,813	49.41%	20,236,636	(\$0.00004)	(\$809)	26,289,681	53.33%	14,019,599	(\$0.00001)	(\$140)	27,067,592	54.76%	14,822,729	(\$0.00001)	(\$148)	\$1,090	(\$3,980)	(\$3,988)
Apr-12	Actual	37,458,070	48.61%	18,208,578	(\$0.00004)	(\$728)	26,578,773	49.42%	13,135,937	(\$0.00001)	(\$131)	28,315,972	48.58%	13,754,520	(\$0.00001)	(\$138)	\$1,098	(\$3,967)	(\$3,866)
May-12	Estimate	36,391,364	49.60%	18,049,815	(\$0.00004)	(\$722)	26,014,334	51.28%	13,339,084	(\$0.00001)	(\$133)	27,924,429	50.82%	14,191,103	(\$0.00001)	(\$142)	\$997	(\$3,876)	(\$3,876)
Jun-12	Estimate	36,779,933	55.95%	20,578,931	(\$0.00004)	(\$823)	27,353,465	53.67%	14,680,184	(\$0.00001)	(\$147)	30,156,503	49.18%	14,831,067	(\$0.00001)	(\$148)	\$997	(\$4,129)	(\$4,250)
Jul-12	Estimate	46,349,397	56.24%	26,064,897	(\$0.00004)	(\$1,043)	31,140,082	54.28%	16,901,858	(\$0.00001)	(\$169)	33,613,512	50.82%	17,082,276	(\$0.00001)	(\$171)	\$1,118	(\$4,640)	(\$4,904)
Total Aug-11 to Jul-12		505,511,481		258,341,411		(\$10,334)	337,884,760		172,846,480		(\$1,728)	355,121,896		182,065,492		(\$1,821)	(\$42,535)	\$42,430	(\$13,987)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		Total Billed kWh - all classes except G2 demand and G1				Unbilled Revenue (c * d)	Total Billed kWh - G2 demand				Unbilled Revenue (h * i)	Total Billed kWh - G1				Unbilled Revenue (m * n)	Reversal of prior month unbilled (prior month, e + j + o)	Total Billed SCC Revenue	Total Revenue (e + j + o + p + q)
		G2 demand and G1	Unbilled Factor	Unbilled kWh (a * b)	Proposed SCC	Unbilled SCC Revenue (c * d)	demand	Unbilled Factor	Unbilled kWh (f * g)	Proposed SCC	Unbilled SCC Revenue (h * i)	kWh - G1	Unbilled Factor	Unbilled kWh (k * l)	Proposed SCC	Unbilled SCC Revenue (m * n)		Total Billed SCC Revenue	Total Revenue
Aug-12	Estimate	50,692,168	43.85%	22,226,858	\$0.00012	\$2,667	33,336,344	45.97%	15,324,115	\$0.00002	\$306	32,521,150	50.00%	16,260,575	\$0.00003	\$488	\$1,382	\$7,554	\$12,398
Sep-12	Estimate	42,352,479	44.13%	18,691,363	\$0.00012	\$2,243	29,857,927	45.47%	13,576,802	\$0.00002	\$272	33,031,845	49.18%	16,245,170	\$0.00003	\$487	(\$3,462)	\$11,682	\$11,223
Oct-12	Estimate	39,666,368	53.64%	21,277,509	\$0.00012	\$2,553	28,288,936	51.16%	14,473,134	\$0.00002	\$289	29,990,051	50.82%	15,240,846	\$0.00003	\$457	(\$3,002)	\$11,069	\$11,367
Nov-12	Estimate	38,787,720	52.95%	20,538,847	\$0.00012	\$2,465	26,411,541	50.26%	13,275,000	\$0.00002	\$266	28,821,398	49.18%	14,174,458	\$0.00003	\$425	(\$3,300)	\$10,655	\$10,510
Dec-12	Estimate	45,541,827	53.90%	24,546,315	\$0.00012	\$2,946	27,401,690	51.82%	14,200,297	\$0.00002	\$284	27,837,868	50.82%	14,147,113	\$0.00003	\$424	(\$3,155)	\$11,307	\$11,806
Jan-13	Estimate	51,178,154	51.62%	26,416,220	\$0.00012	\$3,170	29,192,488	50.56%	14,758,332	\$0.00002	\$295	27,823,515	50.00%	13,911,758	\$0.00003	\$417	(\$3,654)	\$12,064	\$12,293
Feb-13	Estimate	47,875,478	46.39%	22,208,910	\$0.00012	\$2,665	28,610,760	47.11%	13,478,105	\$0.00002	\$270	28,955,979	47.46%	13,741,820	\$0.00003	\$412	(\$3,882)	\$11,668	\$11,133
Mar-13	Estimate	44,147,703	49.06%	21,660,205	\$0.00012	\$2,599	27,364,360	51.46%	14,081,177	\$0.00002	\$282	27,281,273	52.54%	14,334,228	\$0.00003	\$430	(\$3,347)	\$11,136	\$11,100
Apr-13	Estimate	40,230,318	45.22%	18,190,233	\$0.00012	\$2,183	27,013,463	48.11%	12,996,297	\$0.00002	\$260	28,541,720	49.18%	14,036,912	\$0.00003	\$421	(\$3,311)	\$10,940	\$10,493
May-13	Estimate	36,789,934	49.60%	18,247,402	\$0.00012	\$2,190	26,346,636	51.27%	13,508,938	\$0.00002	\$270	28,247,314	50.82%	14,355,193	\$0.00003	\$431	(\$2,864)	\$10,402	\$10,429
Jun-13	Estimate	37,180,601	55.95%	20,803,654	\$0.00012	\$2,496	27,696,716	53.65%	14,859,116	\$0.00002	\$297	30,515,001	49.18%	15,007,378	\$0.00003	\$450	(\$2,891)	\$11,019	\$11,372
Jul-13	Estimate	46,855,611	56.24%	26,350,038	\$0.00012	\$3,162	31,514,496	54.26%	17,101,006	\$0.00002	\$342	33,884,331	50.82%	17,219,906	\$0.00003	\$517	(\$3,244)	\$12,492	\$13,268
Total Aug-12 to Jul-13		521,298,360		261,157,554		\$31,339	343,035,357		171,632,319		\$3,433	357,451,448		178,675,356		\$5,360	(\$34,729)	\$131,990	\$137,393

(1) Actual Per billing system.
(2) Detail of Unbilled Factors shown on page 5.

Unitil Energy Systems, Inc.
Detail of Class Unbilled Factors

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

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
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%
May-11	34,487,853	26,232,095	76.06%
Jun-11	38,097,150	19,530,023	51.26%
Jul-11	47,835,334	28,657,678	59.91%
Aug-11	49,827,956	24,357,092	48.88%
Sep-11	45,362,643	19,356,769	42.67%
Oct-11	36,211,307	21,322,871	58.88%
Nov-11	37,504,120	18,899,838	50.39%
Dec-11	40,848,903	24,654,419	60.36%
Jan-12	49,095,976	24,572,542	50.05%
Feb-12	44,908,182	20,120,543	44.80%
Mar-12	40,303,660	19,913,429	49.41%
Apr-12	37,025,958	17,998,526	48.61%

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

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
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%
May-11	25,665,213	19,459,821	75.82%
Jun-11	28,394,241	14,722,362	51.85%
Jul-11	33,164,830	18,744,404	56.52%
Aug-11	33,208,909	16,988,010	51.15%
Sep-11	32,449,648	14,139,590	43.57%
Oct-11	27,425,503	15,137,891	55.20%
Nov-11	26,638,307	13,160,982	49.41%
Dec-11	26,360,331	15,011,457	56.95%
Jan-12	29,336,299	14,624,583	49.85%
Feb-12	28,905,246	13,622,237	47.13%
Mar-12	26,943,834	14,368,442	53.33%
Apr-12	27,010,885	13,349,498	49.42%

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

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
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%
May-11	27,700,287	19,562,814	70.62%
Jun-11	30,180,463	15,456,329	51.21%
Jul-11	33,519,204	16,190,329	48.30%
Aug-11	32,551,263	18,567,742	57.04%
Sep-11	32,862,183	15,433,085	46.96%
Oct-11	30,091,217	16,624,814	55.25%
Nov-11	28,592,027	13,992,836	48.94%
Dec-11	27,618,147	15,215,122	55.09%
Jan-12	27,601,531	13,734,309	49.76%
Feb-12	28,727,521	13,815,889	48.09%
Mar-12	27,067,592	14,822,729	54.76%
Apr-12	28,315,972	13,754,520	48.58%

Unitil Energy Systems, Inc.
 Reconciliation of Customer Billing Adjustment related to Stranded Costs

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Beginning Balance - SCC Customer Billing Adjustment	Total Recovery	Ending Balance Before Interest (a - b)	Average Monthly Balance ((a+c) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (c + g)
Jun-12	Estimate	\$103,558		\$103,558	\$103,558	3.25%	30	\$276	\$103,833
Jul-12	Estimate	\$103,833		\$103,833	\$103,833	3.25%	31	\$286	\$104,119
Aug-12	Estimate	\$104,119	\$3,035	\$101,084	\$102,602	3.25%	31	\$282	\$101,366
Sep-12	Estimate	\$101,366	\$3,035	\$98,331	\$99,849	3.25%	30	\$266	\$98,597
Oct-12	Estimate	\$98,597	\$3,035	\$95,562	\$97,080	3.25%	31	\$267	\$95,829
Nov-12	Estimate	\$95,829	\$3,035	\$92,794	\$94,312	3.25%	30	\$251	\$93,045
Dec-12	Estimate	\$93,045	\$3,035	\$90,010	\$91,528	3.25%	31	\$252	\$90,262
Jan-13	Estimate	\$90,262	\$3,035	\$87,227	\$88,744	3.25%	31	\$245	\$87,472
Feb-13	Estimate	\$87,472	\$3,035	\$84,437	\$85,954	3.25%	28	\$214	\$84,651
Mar-13	Estimate	\$84,651	\$3,035	\$81,616	\$83,133	3.25%	31	\$229	\$81,845
Apr-13	Estimate	\$81,845	\$3,035	\$78,810	\$80,327	3.25%	30	\$215	\$79,024
May-13	Estimate	\$79,024	\$3,035	\$75,989	\$77,507	3.25%	31	\$214	\$76,203
Jun-13	Estimate	\$76,203	\$3,035	\$73,168	\$74,686	3.25%	30	\$200	\$73,367
Jul-13	Estimate	\$73,367	<u>\$3,035</u>	\$70,332	\$71,850	3.25%	31	\$198	\$70,531
Total Aug-12 to Jul-13			\$36,423					\$2,834	
Aug-13	Estimate	\$70,531	\$3,035	\$67,495	\$69,013	3.25%	31	\$190	\$67,686
Sep-13	Estimate	\$67,686	\$3,035	\$64,651	\$66,168	3.25%	30	\$177	\$64,827
Oct-13	Estimate	\$64,827	\$3,035	\$61,792	\$63,310	3.25%	31	\$175	\$61,967
Nov-13	Estimate	\$61,967	\$3,035	\$58,932	\$60,449	3.25%	30	\$161	\$59,093
Dec-13	Estimate	\$59,093	\$3,035	\$56,058	\$57,576	3.25%	31	\$159	\$56,217
Jan-14	Estimate	\$56,217	\$3,035	\$53,182	\$54,699	3.25%	31	\$151	\$53,333
Feb-14	Estimate	\$53,333	\$3,035	\$50,297	\$51,815	3.25%	28	\$129	\$50,427
Mar-14	Estimate	\$50,427	\$3,035	\$47,391	\$48,909	3.25%	31	\$135	\$47,526
Apr-14	Estimate	\$47,526	\$3,035	\$44,491	\$46,009	3.25%	30	\$123	\$44,614
May-14	Estimate	\$44,614	\$3,035	\$41,579	\$43,096	3.25%	31	\$119	\$41,698
Jun-14	Estimate	\$41,698	\$3,035	\$38,663	\$40,180	3.25%	30	\$107	\$38,770
Jul-14	Estimate	\$38,770	<u>\$3,035</u>	\$35,735	\$37,252	3.25%	31	<u>\$103</u>	\$35,837
Total Aug-13 to Jul-14			\$36,423					\$1,730	
Aug-14	Estimate	\$35,837	\$3,035	\$32,802	\$34,320	3.25%	31	\$95	\$32,897
Sep-14	Estimate	\$32,897	\$3,035	\$29,862	\$31,379	3.25%	30	\$84	\$29,946
Oct-14	Estimate	\$29,946	\$3,035	\$26,910	\$28,428	3.25%	31	\$78	\$26,989
Nov-14	Estimate	\$26,989	\$3,035	\$23,954	\$25,471	3.25%	30	\$68	\$24,022
Dec-14	Estimate	\$24,022	\$3,035	\$20,986	\$22,504	3.25%	31	\$62	\$21,049
Jan-15	Estimate	\$21,049	\$3,035	\$18,013	\$19,531	3.25%	31	\$54	\$18,067
Feb-15	Estimate	\$18,067	\$3,035	\$15,032	\$16,550	3.25%	28	\$41	\$15,073
Mar-15	Estimate	\$15,073	\$3,035	\$12,038	\$13,556	3.25%	31	\$37	\$12,075
Apr-15	Estimate	\$12,075	\$3,035	\$9,040	\$10,558	3.25%	30	\$28	\$9,068
May-15	Estimate	\$9,068	\$3,035	\$6,033	\$7,551	3.25%	31	\$21	\$6,054
Jun-15	Estimate	\$6,054	\$3,035	\$3,019	\$4,536	3.25%	30	\$12	\$3,031
Jul-15	Estimate	\$3,031	<u>\$3,035</u>	(\$4)	\$1,513	3.25%	31	<u>\$4</u>	(\$0)
Total Aug-14 to Jul-15			\$36,423					\$585	
Total Jun-12 to Jul-15			\$109,268					\$5,710	

SCHEDULE LSM-2

EXTERNAL DELIVERY CHARGE

UNITIL ENERGY SYSTEMS. INC.
CALCULATION OF THE EXTERNAL DELIVERY CHARGE
Effective August 1, 2012

1. (Over)/under Recovery - Beginning Balance August 1, 2012	(\$520,071)	Page 3 of 7
2. Estimated Total Costs (August 2012 - July 2013)	\$22,007,166	Page 3 of 7
3. Estimated Interest (August 2012 - July 2013)	<u>(\$9,995)</u>	Page 3 of 7
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$21,477,100	L.1 + L.2 + L.3
5. Estimated Calendar Month Deliveries in kWh (August 2012 - July 2013) (1)	<u>1,222,406,844</u>	
6. External Delivery Charge (\$/kWh)	\$0.01757	L.4 / L.5

(1) Schedule LSM-2, page 5.

August 2012 - July 2013 Billed kWh	1,221,785,164
- July 2012 Unbilled kWh	(60,036,583)
+ July 2013 Unbilled kWh	<u>60,658,262</u>
Calendar Month Deliveries	1,222,406,844

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

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest	Number of	Computed	Ending Balance
		Balance			Balance	Monthly	Rate	Days /	Interest	with Interest
					Before	Balance		Month		(d + h)
					Interest	((a+d) / 2)				
					(a + b - c)					
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	\$991,988	\$1,566,816	\$1,646,633	\$912,170	\$952,079	3.25%	28	\$2,374	\$914,544
Mar-11	Actual	\$914,544	\$1,470,794	\$2,022,554	\$362,784	\$638,664	3.25%	31	\$1,763	\$364,547
Apr-11	Actual	\$364,547	\$1,333,211	\$1,475,097	\$222,661	\$293,604	3.25%	30	\$784	\$223,445
May-11	Actual	\$223,445	\$1,527,504	\$1,584,904	\$166,045	\$194,745	3.25%	31	\$538	\$166,582
Jun-11	Actual	\$166,582	\$465,363	\$1,369,406	(\$737,461)	(\$285,439)	3.25%	30	(\$762)	(\$738,223)
Jul-11	Actual	(\$738,223)	<u>\$2,153,259</u>	<u>\$2,167,508</u>	(\$752,473)	(\$745,348)	3.25%	31	<u>(\$2,057)</u>	(\$754,530)
Total Aug-10 to Jul-11			\$18,566,286	\$20,812,525					\$26,470	

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Beginning	Total Costs	Total Revenue	Ending	Average	Interest	Number of	Computed	Ending Balance
		Balance			Balance	Monthly	Rate	Days /	Interest	with Interest
					Before	Balance		Month		(d + h)
					Interest	((a+d) / 2)				
					(a + b - c)					
Aug-11	Actual	(\$754,530)	\$1,655,254	\$1,653,252	(\$752,529)	(\$753,529)	3.25%	31	(\$2,080)	(\$754,608)
Sep-11	Actual	(\$754,608)	\$1,561,169	\$1,474,800	(\$668,240)	(\$711,424)	3.25%	30	(\$1,900)	(\$670,140)
Oct-11	Actual	(\$670,140)	\$1,375,196	\$1,447,905	(\$742,849)	(\$706,495)	3.25%	31	(\$1,950)	(\$744,800)
Nov-11	Actual	(\$744,800)	\$1,348,315	\$1,267,640	(\$664,125)	(\$704,462)	3.25%	30	(\$1,882)	(\$666,007)
Dec-11	Actual	(\$666,007)	\$1,399,024	\$1,533,143	(\$800,127)	(\$733,067)	3.25%	31	(\$2,023)	(\$802,150)
Jan-12	Actual	(\$802,150)	\$1,549,777	\$1,539,606	(\$791,979)	(\$797,065)	3.25%	31	(\$2,194)	(\$794,173)
Feb-12	Actual	(\$794,173)	\$1,497,051	\$1,437,085	(\$734,207)	(\$764,190)	3.25%	29	(\$1,968)	(\$736,175)
Mar-12	Actual	(\$736,175)	\$1,466,978	\$1,418,154	(\$687,351)	(\$711,763)	3.25%	31	(\$1,959)	(\$689,310)
Apr-12	Actual	(\$689,310)	\$1,370,791	\$1,306,840	(\$625,359)	(\$657,335)	3.25%	30	(\$1,751)	(\$627,110)
May-12	Estimate	(\$627,110)	\$1,530,787	\$1,343,176	(\$439,499)	(\$533,305)	3.25%	31	(\$1,468)	(\$440,967)
Jun-12	Estimate	(\$440,967)	\$980,005	\$1,460,933	(\$921,895)	(\$681,431)	3.25%	30	(\$1,815)	(\$923,711)
Jul-12	Estimate	(\$923,711)	<u>\$2,196,133</u>	<u>\$1,790,509</u>	(\$518,087)	(\$720,899)	3.25%	31	<u>(\$1,984)</u>	(\$520,071)
Total Aug-11 to Jul-12			\$17,930,479	\$17,673,044					(\$22,976)	

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

		(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-12	Estimate	(\$520,071)	\$2,210,090	\$1,938,657	(\$248,639)	(\$384,355)	3.25%	31	(\$1,058)	(\$249,697)
Sep-12	Estimate	(\$249,697)	\$1,780,453	\$1,755,906	(\$225,150)	(\$237,424)	3.25%	30	(\$632)	(\$225,783)
Oct-12	Estimate	(\$225,783)	\$1,636,110	\$1,764,046	(\$353,719)	(\$289,751)	3.25%	31	(\$798)	(\$354,517)
Nov-12	Estimate	(\$354,517)	\$1,674,901	\$1,599,174	(\$278,789)	(\$316,653)	3.25%	30	(\$844)	(\$279,633)
Dec-12	Estimate	(\$279,633)	\$1,882,475	\$1,856,968	(\$254,126)	(\$266,879)	3.25%	31	(\$735)	(\$254,861)
Jan-13	Estimate	(\$254,861)	\$1,806,337	\$1,939,588	(\$388,112)	(\$321,486)	3.25%	31	(\$887)	(\$388,999)
Feb-13	Estimate	(\$388,999)	\$1,780,408	\$1,753,403	(\$361,994)	(\$375,497)	3.25%	28	(\$936)	(\$362,930)
Mar-13	Estimate	(\$362,930)	\$1,700,863	\$1,747,324	(\$409,391)	(\$386,161)	3.25%	31	(\$1,066)	(\$410,457)
Apr-13	Estimate	(\$410,457)	\$1,522,036	\$1,597,744	(\$486,164)	(\$448,311)	3.25%	30	(\$1,198)	(\$487,362)
May-13	Estimate	(\$487,362)	\$1,751,599	\$1,621,096	(\$356,860)	(\$422,111)	3.25%	31	(\$1,165)	(\$358,025)
Jun-13	Estimate	(\$358,025)	\$2,041,216	\$1,755,751	(\$72,560)	(\$215,292)	3.25%	30	(\$575)	(\$73,135)
Jul-13	Estimate	(\$73,135)	<u>\$2,220,678</u>	<u>\$2,148,030</u>	(\$487)	(\$36,811)	3.25%	31	<u>(\$102)</u>	(\$588)
Total Aug-12 to Jul-13			\$22,007,166	\$21,477,688					(\$9,995)	

		(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	Actual	87,853,353	74.28%	65,254,730	\$0.01688	\$1,101,500	(\$999,567)	\$1,482,972	\$1,584,904
Jun-11	Actual	96,671,855	51.42%	49,708,715	\$0.01688	\$839,083	(\$1,101,500)	\$1,631,823	\$1,369,406
Jul-11	Actual	<u>114,519,368</u>	55.53%	<u>63,592,411</u>	\$0.01688	<u>\$1,073,440</u>	<u>(\$839,083)</u>	<u>\$1,933,151</u>	<u>\$2,167,508</u>
Total Aug-10 to Jul-11		1,228,778,671		691,656,982		\$11,675,170	(\$11,430,755)	\$20,568,110	\$20,812,525

		(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-11	Actual	115,588,128	51.83%	59,912,844	\$0.01479	\$886,111	(\$1,073,440)	\$1,840,581	\$1,653,252
Sep-11	Actual	110,674,474	44.21%	48,929,444	\$0.01479	\$723,666	(\$886,111)	\$1,637,245	\$1,474,800
Oct-11	Actual	93,728,028	56.64%	53,085,576	\$0.01479	\$785,136	(\$723,666)	\$1,386,436	\$1,447,905
Nov-11	Actual	92,734,454	49.66%	46,053,656	\$0.01479	\$681,134	(\$785,136)	\$1,371,642	\$1,267,640
Dec-11	Actual	94,827,381	57.87%	54,880,998	\$0.01479	\$811,690	(\$681,134)	\$1,402,587	\$1,533,143
Jan-12	Actual	106,033,806	49.92%	52,931,434	\$0.01479	\$782,856	(\$811,690)	\$1,568,441	\$1,539,606
Feb-12	Actual	102,540,949	46.38%	47,558,669	\$0.01479	\$703,393	(\$782,856)	\$1,516,548	\$1,437,085
Mar-12	Actual	94,315,086	52.06%	49,104,600	\$0.01479	\$726,257	(\$703,393)	\$1,395,290	\$1,418,154
Apr-12	Actual	92,352,815	48.84%	45,102,544	\$0.01479	\$667,067	(\$726,257)	\$1,366,030	\$1,306,840
May-12	Estimate	90,330,127	50.47%	45,588,904	\$0.01479	\$674,260	(\$667,067)	\$1,335,983	\$1,343,176
Jun-12	Estimate	94,289,900	53.11%	50,077,437	\$0.01479	\$740,645	(\$674,260)	\$1,394,548	\$1,460,933
Jul-12	Estimate	<u>111,102,990</u>	54.04%	<u>60,036,583</u>	\$0.01479	<u>\$887,941</u>	<u>(\$740,645)</u>	<u>\$1,643,213</u>	<u>\$1,790,509</u>
Total Aug-11 to Jul-12		1,198,518,137		613,262,688		\$9,070,155	(\$9,255,654)	\$17,858,543	\$17,673,044

(1) Actual per billing system

(2) Detail of Unbilled Factors for all classes shown on page 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-12	Estimate	116,549,662	46.18%	53,825,981	\$0.01757	\$945,722	(\$887,941)	\$1,880,876	\$1,938,657
Sep-12	Estimate	105,242,250	46.10%	48,521,490	\$0.01757	\$852,523	(\$945,722)	\$1,849,106	\$1,755,906
Oct-12	Estimate	97,945,355	52.05%	50,977,175	\$0.01757	\$895,669	(\$852,523)	\$1,720,900	\$1,764,046
Nov-12	Estimate	94,020,660	51.02%	47,973,807	\$0.01757	\$842,900	(\$895,669)	\$1,651,943	\$1,599,174
Dec-12	Estimate	100,781,385	52.47%	52,882,118	\$0.01757	\$929,139	(\$842,900)	\$1,770,729	\$1,856,968
Jan-13	Estimate	108,194,157	50.91%	55,079,989	\$0.01757	\$967,755	(\$929,139)	\$1,900,971	\$1,939,588
Feb-13	Estimate	105,442,217	46.88%	49,433,037	\$0.01757	\$868,538	(\$967,755)	\$1,852,620	\$1,753,403
Mar-13	Estimate	98,793,337	50.70%	50,088,986	\$0.01757	\$880,063	(\$868,538)	\$1,735,799	\$1,747,324
Apr-13	Estimate	95,785,501	47.23%	45,239,403	\$0.01757	\$794,856	(\$880,063)	\$1,682,951	\$1,597,744
May-13	Estimate	91,383,885	50.47%	46,120,538	\$0.01757	\$810,338	(\$794,856)	\$1,605,615	\$1,621,096
Jun-13	Estimate	95,392,318	53.10%	50,657,127	\$0.01757	\$890,046	(\$810,338)	\$1,676,043	\$1,755,751
Jul-13	Estimate	<u>112,254,438</u>	54.04%	<u>60,658,262</u>	\$0.01757	<u>\$1,065,766</u>	<u>(\$890,046)</u>	<u>\$1,972,310</u>	<u>\$2,148,030</u>
Total Aug-12 to Jul-13		1,221,785,164		611,457,914		\$10,743,316	(\$10,565,491)	\$21,299,864	\$21,477,688

	<u>Billed kWh</u>	<u>Direct Estimate of Unbilled kWh</u>	<u>Unbilled kWh / Billed kWh</u>
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%
May-11	87,853,353	65,254,730	74.28%
Jun-11	96,671,855	49,708,715	51.42%
Jul-11	114,519,368	63,592,411	55.53%
Aug-11	115,588,128	59,912,844	51.83%
Sep-11	110,674,474	48,929,444	44.21%
Oct-11	93,728,028	53,085,576	56.64%
Nov-11	92,734,454	46,053,656	49.66%
Dec-11	94,827,381	54,880,998	57.87%
Jan-12	106,033,806	52,931,434	49.92%
Feb-12	102,540,949	47,558,669	46.38%
Mar-12	94,315,086	49,104,600	52.06%
Apr-12	92,352,815	45,102,544	48.84%

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Beginning Balance-EDC Customer Billing Adjustment	Total Revenue	Ending Balance Before Interest (a - b)	Average Monthly Balance ((a+c) / 2)	Interest Rate	Number of Days / Month	Computed Interest	Ending Balance with Interest (c + g)
Jun-12	Estimate	\$137,970		\$137,970	\$137,970	3.25%	30	\$368	\$138,337
Jul-12	Estimate	\$138,337		\$138,337	\$138,337	3.25%	31	\$381	\$138,718
Aug-12	Estimate	\$138,718	\$4,044	\$134,674	\$136,696	3.25%	31	\$376	\$135,051
Sep-12	Estimate	\$135,051	\$4,044	\$131,007	\$133,029	3.25%	30	\$354	\$131,361
Oct-12	Estimate	\$131,361	\$4,044	\$127,317	\$129,339	3.25%	31	\$356	\$127,673
Nov-12	Estimate	\$127,673	\$4,044	\$123,630	\$125,652	3.25%	30	\$335	\$123,964
Dec-12	Estimate	\$123,964	\$4,044	\$119,921	\$121,942	3.25%	31	\$336	\$120,256
Jan-13	Estimate	\$120,256	\$4,044	\$116,212	\$118,234	3.25%	31	\$326	\$116,539
Feb-13	Estimate	\$116,539	\$4,044	\$112,495	\$114,517	3.25%	28	\$286	\$112,780
Mar-13	Estimate	\$112,780	\$4,044	\$108,737	\$110,759	3.25%	31	\$306	\$109,042
Apr-13	Estimate	\$109,042	\$4,044	\$104,998	\$107,020	3.25%	30	\$286	\$105,284
May-13	Estimate	\$105,284	\$4,044	\$101,241	\$103,262	3.25%	31	\$285	\$101,526
Jun-13	Estimate	\$101,526	\$4,044	\$97,482	\$99,504	3.25%	30	\$266	\$97,748
Jul-13	Estimate	\$97,748	<u>\$4,044</u>	\$93,704	\$95,726	3.25%	31	\$264	\$93,968
Total Aug-12 to Jul-13			\$48,526					\$3,776	
Aug-13	Estimate	\$93,968	\$4,044	\$89,924	\$91,946	3.25%	31	\$254	\$90,178
Sep-13	Estimate	\$90,178	\$4,044	\$86,134	\$88,156	3.25%	30	\$235	\$86,370
Oct-13	Estimate	\$86,370	\$4,044	\$82,326	\$84,348	3.25%	31	\$233	\$82,559
Nov-13	Estimate	\$82,559	\$4,044	\$78,515	\$80,537	3.25%	30	\$215	\$78,730
Dec-13	Estimate	\$78,730	\$4,044	\$74,686	\$76,708	3.25%	31	\$212	\$74,898
Jan-14	Estimate	\$74,898	\$4,044	\$70,854	\$72,876	3.25%	31	\$201	\$71,055
Feb-14	Estimate	\$71,055	\$4,044	\$67,011	\$69,033	3.25%	28	\$172	\$67,183
Mar-14	Estimate	\$67,183	\$4,044	\$63,140	\$65,161	3.25%	31	\$180	\$63,319
Apr-14	Estimate	\$63,319	\$4,044	\$59,276	\$61,297	3.25%	30	\$164	\$59,439
May-14	Estimate	\$59,439	\$4,044	\$55,395	\$57,417	3.25%	31	\$158	\$55,554
Jun-14	Estimate	\$55,554	\$4,044	\$51,510	\$53,532	3.25%	30	\$143	\$51,653
Jul-14	Estimate	\$51,653	<u>\$4,044</u>	\$47,609	\$49,631	3.25%	31	<u>\$137</u>	\$47,746
Total Aug-13 to Jul-14			\$48,526					\$2,304	
Aug-14	Estimate	\$47,746	\$4,044	\$43,702	\$45,724	3.25%	31	\$126	\$43,829
Sep-14	Estimate	\$43,829	\$4,044	\$39,785	\$41,807	3.25%	30	\$112	\$39,897
Oct-14	Estimate	\$39,897	\$4,044	\$35,853	\$37,875	3.25%	31	\$105	\$35,957
Nov-14	Estimate	\$35,957	\$4,044	\$31,913	\$33,935	3.25%	30	\$91	\$32,004
Dec-14	Estimate	\$32,004	\$4,044	\$27,960	\$29,982	3.25%	31	\$83	\$28,043
Jan-15	Estimate	\$28,043	\$4,044	\$23,999	\$26,021	3.25%	31	\$72	\$24,071
Feb-15	Estimate	\$24,071	\$4,044	\$20,027	\$22,049	3.25%	28	\$55	\$20,082
Mar-15	Estimate	\$20,082	\$4,044	\$16,038	\$18,060	3.25%	31	\$50	\$16,088
Apr-15	Estimate	\$16,088	\$4,044	\$12,044	\$14,066	3.25%	30	\$38	\$12,082
May-15	Estimate	\$12,082	\$4,044	\$8,038	\$10,060	3.25%	31	\$28	\$8,066
Jun-15	Estimate	\$8,066	\$4,044	\$4,022	\$6,044	3.25%	30	\$16	\$4,038
Jul-15	Estimate	\$4,038	<u>\$4,044</u>	(\$6)	\$2,016	3.25%	31	<u>\$6</u>	(\$0)
Total Aug-14 to Jul-15			\$48,526					\$780	
Total Jun-12 to Jul-15				\$145,578				\$7,608	

SCHEDULE LSM-3
REDLINE TARIFFS

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

Seventh ~~Sixth~~ Revised Page 65
 Superseding ~~Issued in lieu of Fifth~~ Sixth Revised Page 65

CALCULATION OF THE STRANDED COST CHARGE

(I)

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2011	(\$259,508)	(Over)/under Recovery - Beginning Balance August 1, 2012	(\$59,251)
2. Estimated Total Costs (August 2011 - July 2012)	\$207,967	Estimated Total Costs (August 2012 - July 2013)	\$210,075
3. Estimated Interest (August 2011 - July 2012)	(\$4,393)	Estimated Interest (August 2012 - July 2013)	<u>(\$760)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	(\$55,934)	Costs to be Recovered (L.1 + L.2 + L.3)	\$150,064
5. Estimated Calendar Month Deliveries in kWh (August 2011 - July 2012)	1,253,284,906	Estimated Calendar Month Deliveries in kWh (August 2012 - July 2013)	<u>1,222,406,844</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	(\$0.00004)	Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00012
<hr/>			
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		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)	Stranded Cost Charge (\$/kWh) (L.6)	\$0.00012
<hr/>			
Class G2 (1)		Class G2 (1)	
8. Estimated G2 Demand Revenue (August 2011 - July 2012)	(\$9,433)	Estimated G2 Demand Revenue (August 2012 - July 2013)	\$32,826
9. Estimated G2 Deliveries in kW (August 2011 - July 2012)	1,385,727	Estimated G2 Deliveries in kW (August 2012 - July 2013)	<u>1,347,415</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	(\$0.01)	Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.02
<hr/>			
11. G2 Energy Revenue (August 2011 - July 2012)	(\$4,567)	G2 Energy Revenue (August 2012 - July 2013)	\$8,362
12. Estimated G2 Calendar Month Deliveries in kWh (August 2011 - July 2012)	349,998,601	Estimated G2 Calendar Month Deliveries in kWh (August 2012 - July 2013)	<u>343,234,504</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	(\$0.00001)	Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00002
<hr/>			
Class G1 (1)		Class G1 (1)	
14. Estimated G1 Demand Revenue (August 2011 - July 2012)	(\$10,386)	Estimated G1 Demand Revenue (August 2012 - July 2013)	\$31,680
15. Estimated G1 Deliveries in kVA (August 2011 - July 2012)	1,039,814	Estimated G1 Deliveries in kVA (August 2012 - July 2013)	<u>1,008,743</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	(\$0.01)	Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$0.03
<hr/>			
17. G1 Energy Revenue (August 2011 - July 2012)	(\$4,475)	G1 Energy Revenue (August 2012 - July 2013)	\$11,230
18. Estimated G1 Calendar Month Deliveries in kWh (August 2011 - July 2012)	371,512,494	Estimated G1 Calendar Month Deliveries in kWh (August 2012 - July 2013)	<u>357,589,078</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	(\$0.00001)	Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00003

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

Authorized by NHPUC Order No. 25,257 in Case No. DE 11-141, dated July 29, 2011

Issued: ~~July 29, 2011~~ June 15, 2012
 Effective: August 1, 2012

Issued By: Mark H. Collin
 Treasurer

~~Eighth~~ ~~Seventh~~ Revised Page 67
Superseding ~~Seventh~~ ~~Issued in lieu of Sixth~~ Revised Page 67

CALCULATION OF THE EXTERNAL DELIVERY CHARGE

(I)

1. (Over)/under Recovery - Beginning Balance August 1, 2012 4	(\$966,699)	(\$520,071)
2. Estimated Total Costs (August 2012 4 - July 2013 2)	\$19,521,233	\$22,007,166
3. Estimated Interest (August 2012 4 - July 2013 2)	(\$18,895)	<u>(\$9,995)</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$18,535,640	\$21,477,100
5. Estimated Calendar Month Deliveries in kWh (August 2012 4 - July 2013 2)	1,253,284,906	<u>1,222,406,844</u>
6. External Delivery Charge (\$/kWh) (L.5/L.6)	\$0.01479	\$0.01757

Authorized by NHPUC Order No. ~~25,257~~ in Case No. DE ~~11-141~~, dated ~~July 29, 2011~~

Issued: June 15, 2012~~July 29, 2011~~
Effective: August 1, 2012~~4~~

Issued By: Mark H. Collin
Treasurer

SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax)

(I)

The effective rates listed below include an Electricity Consumption Tax, assessed in accordance with NH Statute RSA Chapter 83-E. This tax, collected on behalf of the State of NH by each electric utility, is based on kWh consumed. Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

Class		Distribution Charge*	External Delivery Charge**	External Delivery Charge**	Stranded Cost- Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge****	Total Delivery Charges	Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rates (Incl. Electricity Consumption Tax)	Effective Delivery Rates (Incl. Electricity Consumption Tax)
D	Customer Charge	\$10.27						(1)	\$10.27	\$10.27		\$10.27	\$10.27
	First 250 kWh	\$0.02894	\$0.01479	\$0.01757	(\$0.00004)	\$0.00012	\$0.00178	\$0.00330	\$0.04877	\$0.05171	\$0.00055	\$0.04932	\$0.05226
	Excess 250 kWh	\$0.03394	\$0.01479	\$0.01757	(\$0.00004)	\$0.00012	\$0.00178	\$0.00330	\$0.05377	\$0.05671	\$0.00055	\$0.05432	\$0.05726
G2	Customer Charge	\$16.96							\$16.96	\$16.96		\$16.96	\$16.96
	All kW	\$9.50			(\$0.01)	\$0.02			\$9.49	\$9.52		\$9.49	\$9.52
	All kWh	\$0.00000	\$0.01479	\$0.01757	(\$0.00004)	\$0.00002	\$0.00178	\$0.00330	\$0.01986	\$0.02267	\$0.00055	\$0.02044	\$0.02322
G2 - kWh meter	Customer Charge	\$12.85							\$12.85	\$12.85		\$12.85	\$12.85
	All kWh	\$0.02957	\$0.01479	\$0.01757	(\$0.00004)	\$0.00012	\$0.00178	\$0.00330	\$0.04940	\$0.05234	\$0.00055	\$0.04995	\$0.05289
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$5.76							\$5.76	\$5.76		\$5.76	\$5.76
	All kWh	\$0.02832	\$0.01479	\$0.01757	(\$0.00004)	\$0.00012	\$0.00178	\$0.00330	\$0.04815	\$0.05109	\$0.00055	\$0.04870	\$0.05164
G1	Customer Charge	\$89.53	Secondary Voltage						\$89.53	\$89.53		\$89.53	\$89.53
	Customer Charge	\$53.06	Primary Voltage						\$53.06	\$53.06		\$53.06	\$53.06
	All kVA	\$6.42			(\$0.01)	\$0.03			\$6.41	\$6.45		\$6.41	\$6.45
	All kWh	\$0.00000	\$0.01479	\$0.01757	(\$0.00004)	\$0.00003	\$0.00178	\$0.00330	\$0.01986	\$0.02268	\$0.00055	\$0.02044	\$0.02323
ALL GENERAL	Transformer Ownership Credit (kW/kVA)											(\$0.39)	
	Voltage Discount at 4,160 Volts or Over (all kW/kVA and kWh)											2.00%	
	Voltage Discount at 34,500 Volts or Over (all kW/kVA and kWh)											3.50%	

(1) Includes low-income portion of \$0.00150 per kWh and energy efficiency portion of \$0.00180 per kWh.

* Authorized by NHPUC Order No. 25,355 in Case No. DE 12-055, dated April 30, 2012
 ** Authorized by NHPUC Order No. 25,257 in Case No. DE 11-141, dated July 29, 2011
 *** Authorized by NHPUC Order No. 25,351 in Case No. DE 11-277, dated April 24, 2012
 **** Authorized by NHPUC Order No. 24,903 in Case No. DE 08-097, dated September 30, 2008

SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax) (continued)

(I)

Class	Distribution Charge*	External Delivery Charge**	Stranded Cost Charge**	Storm Recovery Adjustment Factor***	System Benefits Charge****	Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rates (Incl. Electricity Consumption Tax)
OL					(1)			
All kWh	\$0.00000	\$0.01479 \$0.01757	(\$0.00004) \$0.00012	\$0.00178	\$0.00330	\$0.01983 \$0.02277	\$0.00055	\$0.02038 \$0.02332

Luminaire Charges

Nominal Watts	Lamp Size		All-Night Service Monthly kWh	Midnight Service Monthly kWh	Description	Price Per Luminaire	
	Nominal Watts	Lumens (Approx.)				Per Mo.	Per Year
100		3,500	40	19	Mercury Vapor Street	\$10.39	\$124.68
175		7,000	67	31	Mercury Vapor Street	\$12.58	\$150.96
250		11,000	95	44	Mercury Vapor Street	\$14.44	\$173.28
400		20,000	154	71	Mercury Vapor Street	\$17.46	\$209.52
1,000		60,000	388	180	Mercury Vapor Street	\$35.99	\$431.88
250		11,000	95	44	Mercury Vapor Flood	\$15.47	\$185.64
400		20,000	154	71	Mercury Vapor Flood	\$18.78	\$225.36
1,000		60,000	388	180	Mercury Vapor Flood	\$32.01	\$384.12
100		3,500	40	19	Mercury Vapor Power Bracket	\$10.51	\$126.12
175		7,000	67	31	Mercury Vapor Power Bracket	\$11.80	\$141.60
50		4,000	21	10	Sodium Vapor Street	\$10.61	\$127.32
100		9,500	43	20	Sodium Vapor Street	\$12.11	\$145.32
150		16,000	60	28	Sodium Vapor Street	\$12.16	\$145.92
250		30,000	101	47	Sodium Vapor Street	\$15.58	\$186.96
400		50,000	161	75	Sodium Vapor Street	\$19.99	\$239.88
1,000		140,000	398	185	Sodium Vapor Street	\$35.53	\$426.36
150		16,000	60	28	Sodium Vapor Flood	\$14.23	\$170.76
250		30,000	101	47	Sodium Vapor Flood	\$17.02	\$204.24
400		50,000	161	75	Sodium Vapor Flood	\$19.52	\$234.24
1,000		140,000	398	185	Sodium Vapor Flood	\$35.85	\$430.20
50		4,000	21	10	Sodium Vapor Power Bracket	\$9.71	\$116.52
100		9,500	43	20	Sodium Vapor Power Bracket	\$11.07	\$132.84
175		8,800	66	31	Metal Halide Street	\$16.26	\$195.12
250		13,500	92	43	Metal Halide Street	\$17.81	\$213.72
400		23,500	148	69	Metal Halide Street	\$18.51	\$222.12
175		8,800	66	31	Metal Halide Flood	\$19.00	\$228.00
250		13,500	92	43	Metal Halide Flood	\$20.62	\$247.44
400		23,500	148	69	Metal Halide Flood	\$20.66	\$247.92
175		8,800	66	31	Metal Halide Power Bracket	\$15.13	\$181.56
250		13,500	92	43	Metal Halide Power Bracket	\$16.17	\$194.04
400		23,500	148	69	Metal Halide Power Bracket	\$17.38	\$208.56

(1) Includes low-income portion of \$0.00150 per kWh and energy efficiency portion of \$0.00180 per kWh.

* Authorized by NHPUC Order No. 25,355 in Case No. DE 12-055, dated April 30, 2012
 ** Authorized by NHPUC Order No. ~~25,257~~ in Case No. DE ~~H-144~~, dated ~~July 29, 2011~~
 *** Authorized by NHPUC Order No. 25,351 in Case No. DE 11-277, dated April 24, 2012
 **** Authorized by NHPUC Order No. 24,903 in Case No. DE 08-097, dated September 30, 2008

**SUMMARY OF LOW-INCOME
 ELECTRIC ASSISTANCE PROGRAM DISCOUNTS**

(R)

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

<u>Rate D</u>					
<u>Tier</u>	<u>Percentage of Federal Poverty Guidelines</u>	<u>Discount</u>	<u>Blocks</u>	<u>LI-EAP Discount (1)</u>	<u>LI-EAP Discount (1)</u>
1 (2)	176 - 185	5%	Customer Charge	(\$0.51)	(\$0.51)
			First 250 kWh	(\$0.00590)	(\$0.00604)
			Next 450 kWh	(\$0.00615)	(\$0.00629)
			Excess 700 kWh	\$0.00000	\$0.00000
2	151 - 175	7%	Customer Charge	(\$0.72)	(\$0.72)
			First 250 kWh	(\$0.00825)	(\$0.00846)
			Next 450 kWh	(\$0.00860)	(\$0.00881)
			Excess 700 kWh	\$0.00000	\$0.00000
3	126 - 150	18%	Customer Charge	(\$1.85)	(\$1.85)
			First 250 kWh	(\$0.02122)	(\$0.02175)
			Next 450 kWh	(\$0.02212)	(\$0.02265)
			Excess 700 kWh	\$0.00000	\$0.00000
4	101 - 125	33%	Customer Charge	(\$3.39)	(\$3.39)
			First 250 kWh	(\$0.03891)	(\$0.03988)
			Next 450 kWh	(\$0.04056)	(\$0.04153)
			Excess 700 kWh	\$0.00000	\$0.00000
5	76 - 100	48%	Customer Charge	(\$4.93)	(\$4.93)
			First 250 kWh	(\$0.05659)	(\$0.05800)
			Next 450 kWh	(\$0.05899)	(\$0.06040)
			Excess 700 kWh	\$0.00000	\$0.00000
6	0 - 75	70%	Customer Charge	(\$7.19)	(\$7.19)
			First 250 kWh	(\$0.08253)	(\$0.08459)
			Next 450 kWh	(\$0.08603)	(\$0.08809)
			Excess 700 kWh	\$0.00000	\$0.00000

(1) Total utility charges from Page 4 (excluding the Electricity Consumption Tax) plus Non-G1 class Fixed Default Service Rate multiplied by the appropriate discount.

(2) Not available to new applicants.

Authorized by NHPUC Order No. ~~25,355~~ in Case No. ~~DE-12-055~~, dated ~~April 30, 2012~~

Issued: June 15 ~~May 1~~, 2012
 Effective: August ~~May~~ 1, 2012

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

	5/1/2012	8/1/2012					%
<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	\$0.02894	\$0.02894	\$0.00000	\$7.24	\$7.24	\$0.00	0.0%
Excess 250 kWh	\$0.03394	\$0.03394	\$0.00000	\$8.49	\$8.49	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$7.40	\$8.79	\$1.39	2.0%
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	(\$0.02)	\$0.06	\$0.08	0.1%
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$0.89	\$0.89	\$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>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$34.57</u>	<u>\$34.57</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.11790	\$0.12084	\$0.00294				
Excess 250 kWh	\$0.12290	\$0.12584	\$0.00294				
Total Bill				\$70.47	\$71.94	\$1.47	2.1%

* Impacts do not include the Electricity Consumption Tax.

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

Regular General G2 Quick Recovery Water Heating and Space Heating 2,000 kWh Typical Bill							
	5/1/2012	8/1/2012					%
<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	\$5.76	\$5.76	\$0.00	\$5.76	\$5.76	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02832	\$0.02832	\$0.00000	\$56.64	\$56.64	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$29.58	\$35.14	\$5.56	2.3%
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	(\$0.08)	\$0.24	\$0.32	0.1%
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$3.56	\$3.56	\$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>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$138.26</u>	<u>\$138.26</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.11728	\$0.12022	\$0.00294	\$234.56	\$240.44	\$5.88	2.4%
Total Bill				\$240.32	\$246.20	\$5.88	2.4%

Regular General G2 kWh Meter 125 kWh Typical Bill							
	5/1/2012	8/1/2012					%
<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	\$12.85	\$12.85	\$0.00	\$12.85	\$12.85	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.02957	\$0.02957	\$0.00000	\$3.70	\$3.70	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$1.85	\$2.20	\$0.35	1.3%
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	(\$0.01)	\$0.02	\$0.02	0.1%
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$0.22	\$0.22	\$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>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$8.64</u>	<u>\$8.64</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.11853	\$0.12147	\$0.00294	\$14.82	\$15.18	\$0.37	1.3%
Total Bill				\$27.67	\$28.03	\$0.37	1.3%

* Impacts do not include the Electricity Consumption Tax.

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

Regular General G2 Demand, 10 kW, 3,000 kWh Typical Bill							
	5/1/2012	8/1/2012					%
<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	\$16.96	\$16.96	\$0.00	\$16.96	\$16.96	\$0.00	0.0%
	<u>All kW</u>	<u>All kW</u>					
Distribution Charge	\$9.50	\$9.50	\$0.00	\$95.00	\$95.00	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.01)</u>	<u>\$0.02</u>	<u>\$0.03</u>	<u>(\$0.10)</u>	<u>\$0.20</u>	<u>\$0.30</u>	<u>0.1%</u>
Total	\$9.49	\$9.52	\$0.03	\$94.90	\$95.20	\$0.30	0.1%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$44.37	\$52.71	\$8.34	2.2%
Stranded Cost Charge	<u>(\$0.00001)</u>	<u>\$0.00002</u>	<u>\$0.00003</u>	<u>(\$0.03)</u>	<u>\$0.06</u>	<u>\$0.09</u>	<u>0.0%</u>
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$5.34	\$5.34	\$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>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$207.39</u>	<u>\$207.39</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$0.08899	\$0.09180	\$0.00281	\$266.97	\$275.40	\$8.43	2.2%
Total Bill				\$378.83	\$387.56	\$8.73	2.3%

Large General - G1 550 kVa, 200,000 kWh Typical Bill							
	5/1/2012	8/1/2012					%
<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	\$89.53	\$89.53	\$0.00	\$89.53	\$89.53	\$0.00	0.0%
	<u>All kVa</u>	<u>All kVa</u>					
Distribution Charge	\$6.42	\$6.42	\$0.00	\$3,531.00	\$3,531.00	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.01)</u>	<u>\$0.03</u>	<u>\$0.04</u>	<u>(\$5.50)</u>	<u>\$16.50</u>	<u>\$22.00</u>	<u>0.1%</u>
Total	\$6.41	\$6.45	\$0.04	\$3,525.50	\$3,547.50	\$22.00	0.1%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$2,958.00	\$3,514.00	\$556.00	3.4%
Stranded Cost Charge	<u>(\$0.00001)</u>	<u>\$0.00003</u>	<u>\$0.00004</u>	<u>(\$2.00)</u>	<u>\$6.00</u>	<u>\$8.00</u>	<u>0.0%</u>
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$356.00	\$356.00	\$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>\$0.04308</u>	<u>\$0.04521</u>	<u>\$0.00213</u>	<u>\$8,616.00</u>	<u>\$9,042.00</u>	<u>\$426.00</u>	<u>2.6%</u>
Total	\$0.06294	\$0.06789	\$0.00495	\$12,588.00	\$13,578.00	\$990.00	6.1%
Total Bill				\$16,203.03	\$17,215.03	\$1,012.00	6.2%

* 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 648 kWh Bill - Mean Use*

	5/1/2012	8/1/2012					%
<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	\$0.02894	\$0.02894	\$0.00000	\$7.24	\$7.24	\$0.00	0.0%
Excess 250 kWh	\$0.03394	\$0.03394	\$0.00000	\$13.51	\$13.51	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$9.58	\$11.39	\$1.80	2.0%
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	(\$0.03)	\$0.08	\$0.10	0.1%
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$1.15	\$1.15	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$2.14	\$2.14	\$0.00	0.0%
Default Service Charge	<u>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$44.80</u>	<u>\$44.80</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.11790	\$0.12084	\$0.00294				
Excess 250 kWh	\$0.12290	\$0.12584	\$0.00294				
Total Bill				\$88.66	\$90.56	\$1.91	2.1%

Residential Rate D 543 kWh Bill - Median Use*

	5/1/2012	8/1/2012					%
<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	\$0.02894	\$0.02894	\$0.00000	\$7.24	\$7.24	\$0.00	0.0%
Excess 250 kWh	\$0.03394	\$0.03394	\$0.00000	\$9.94	\$9.94	\$0.00	0.0%
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	\$8.03	\$9.54	\$1.51	2.0%
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	(\$0.02)	\$0.07	\$0.09	0.1%
Storm Recovery Adj.	\$0.00178	\$0.00178	\$0.00000	\$0.97	\$0.97	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$1.79	\$1.79	\$0.00	0.0%
Default Service Charge	<u>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	<u>\$37.54</u>	<u>\$37.54</u>	<u>\$0.00</u>	<u>0.0%</u>
First 250 kWh	\$0.11790	\$0.12084	\$0.00294				
Excess 250 kWh	\$0.12290	\$0.12584	\$0.00294				
Total Bill				\$75.75	\$77.35	\$1.60	2.1%

* Based on billing period March 2011 through February 2012.

** Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc.
Average Class Bill Impacts
Due to Proposed Rate Changes Effective August 1, 2012

(A) <u>Class of Service</u>	(B) Annual Number of Customers (luminaires for Outdoor Lighting)	(C) Annual kWh Sales	(D) Annual kW / kVA Sales	(E) Proposed DSC Change \$	(F) Proposed SCC Change \$	(G) Proposed EDC Change \$	(H) Estimated Annual Revenue \$ Under Present Rates	(I) Estimated Annual Revenue \$ Under Proposed Rates	(J) Proposed Net Change Revenue \$	(K) % Change DSC Revenue	(L) % Change Net SCC & EDC Revenue	(M) % Change Net Revenue
Residential	763,694	480,638,599	n/a	\$0	\$76,902	\$1,336,175	\$66,049,576	\$67,462,654	\$1,413,077	0.0%	2.1%	2.1%
General Service	129,249	340,275,469	1,301,458	\$0	\$54,444	\$945,966	\$44,932,247	\$45,932,657	\$1,000,410	0.0%	2.2%	2.2%
Large General Service	1,814	347,650,754	989,158	\$740,496	\$55,624	\$966,469	\$28,207,328	\$29,969,917	\$1,762,589	2.6%	3.6%	6.2%
Outdoor Lighting	115,819	8,988,739	n/a	\$0	\$1,438	\$24,989	\$2,401,686	\$2,428,113	\$26,427	0.0%	1.1%	1.1%
Total	1,010,576	1,177,553,561		\$740,496	\$188,409	\$3,273,599	\$141,590,837	\$145,793,341	\$4,202,504	0.5%	2.4%	3.0%

(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 2012 versus May-July 2012.

(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, 2012 versus August 1, 2012 Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers				
<u>Average kWh</u>	<u>Total Bill Using Rates 5/1/2012</u>	<u>Total Bill Using Rates 8/1/2012</u>	<u>Total Difference</u>	<u>% Total Difference</u>
125	\$25.01	\$25.38	\$0.37	1.5%
250	\$39.75	\$40.48	\$0.73	1.8%
500	\$70.47	\$71.94	\$1.47	2.1%
600	\$82.76	\$84.52	\$1.76	2.1%
750	\$101.20	\$103.40	\$2.21	2.2%
1,000	\$131.92	\$134.86	\$2.94	2.2%
1,250	\$162.65	\$166.32	\$3.68	2.3%
1,500	\$193.37	\$197.78	\$4.41	2.3%
2,000	\$254.82	\$260.70	\$5.88	2.3%
3,500	\$439.17	\$449.46	\$10.29	2.3%
5,000	\$623.52	\$638.22	\$14.70	2.4%

	<u>Rates - Effective May 1, 2012</u>	<u>Rates - Proposed August 1, 2012</u>	<u>Difference</u>
Customer Charge	\$10.27	\$10.27	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge: First 250 kWh	\$0.02894	\$0.02894	\$0.00000
Excess 250 kWh	\$0.03394	\$0.03394	\$0.00000
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016
Storm Recovery Adjustment Factor	\$0.00178	\$0.00178	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	<u>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>
TOTAL First 250 kWh	\$0.11790	\$0.12084	\$0.00294
Excess 250 kWh	\$0.12290	\$0.12584	\$0.00294

Unitil Energy Systems, Inc.
Typical Bill Impacts - May 1, 2012 versus August 1, 2012
Impacts do NOT include the Electricity Consumption Tax
Impact on G2 Rate Customers

<u>Load Factor</u>	<u>Average Monthly kW</u>	<u>Average Monthly kWh</u>	<u>Total Bill Using Rates 5/1/2012</u>	<u>Total Bill Using Rates 8/1/2012</u>	<u>Total Difference</u>	<u>% Total Difference</u>
20%	5	730	\$129.37	\$131.42	\$2.05	1.6%
20%	10	1,460	\$241.79	\$245.89	\$4.10	1.7%
20%	15	2,190	\$354.20	\$360.35	\$6.15	1.7%
20%	25	3,650	\$579.02	\$589.28	\$10.26	1.8%
20%	50	7,300	\$1,141.09	\$1,161.60	\$20.51	1.8%
20%	75	10,950	\$1,703.15	\$1,733.92	\$30.77	1.8%
20%	100	14,600	\$2,265.21	\$2,306.24	\$41.03	1.8%
20%	150	21,900	\$3,389.34	\$3,450.88	\$61.54	1.8%
36%	5	1,314	\$181.34	\$185.04	\$3.69	2.0%
36%	10	2,628	\$345.73	\$353.11	\$7.38	2.1%
36%	15	3,942	\$510.11	\$521.19	\$11.08	2.2%
36%	25	6,570	\$838.87	\$857.34	\$18.46	2.2%
36%	50	13,140	\$1,660.79	\$1,697.71	\$36.92	2.2%
36%	75	19,710	\$2,482.70	\$2,538.09	\$55.39	2.2%
36%	100	26,280	\$3,304.62	\$3,378.46	\$73.85	2.2%
36%	150	39,420	\$4,948.45	\$5,059.22	\$110.77	2.2%
50%	5	1,825	\$226.82	\$231.95	\$5.13	2.3%
50%	10	3,650	\$436.67	\$446.93	\$10.26	2.3%
50%	15	5,475	\$646.53	\$661.92	\$15.38	2.4%
50%	25	9,125	\$1,066.24	\$1,091.89	\$25.64	2.4%
50%	50	18,250	\$2,115.53	\$2,166.81	\$51.28	2.4%
50%	75	27,375	\$3,164.81	\$3,241.74	\$76.92	2.4%
50%	100	36,500	\$4,214.10	\$4,316.66	\$102.57	2.4%
50%	150	54,750	\$6,312.66	\$6,466.51	\$153.85	2.4%

	<u>Rates - Effective May 1, 2012</u>	<u>Rates - Proposed August 1, 2012</u>	<u>Difference</u>
Customer Charge	\$16.96	\$16.96	\$0.00
	<u>All kW</u>	<u>All kW</u>	<u>All kW</u>
Distribution Charge	\$9.50	\$9.50	\$0.00
Stranded Cost Charge	(\$0.01)	(\$0.01)	\$0.00
TOTAL	\$9.49	\$9.49	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278
Stranded Cost Charge	(\$0.00001)	\$0.00002	\$0.00003
Storm Recovery Adj. Factor	\$0.00178	\$0.00178	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	<u>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>
TOTAL	\$0.08899	\$0.09180	\$0.00281

Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2012 versus August 1, 2012 Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers				
Average Monthly kWh	Total Bill Using Rates 5/1/2012	Total Bill Using Rates 8/1/2012	Total Difference	% Total Difference
15	\$14.63	\$14.67	\$0.04	0.3%
75	\$21.74	\$21.96	\$0.22	1.0%
150	\$30.63	\$31.07	\$0.44	1.4%
250	\$42.48	\$43.22	\$0.73	1.7%
350	\$54.34	\$55.36	\$1.03	1.9%
450	\$66.19	\$67.51	\$1.32	2.0%
550	\$78.04	\$79.66	\$1.62	2.1%
650	\$89.89	\$91.81	\$1.91	2.1%
750	\$101.75	\$103.95	\$2.21	2.2%
900	\$119.53	\$122.17	\$2.65	2.2%
	Rates - Effective May 1, 2012	Rates - Proposed	Difference	
kWh Meter Customer Charge	\$12.85	\$12.85	\$0.00	
	All kWh	All kWh	All kWh	
Distribution Charge	\$0.02957	\$0.02957	\$0.00000	
External Delivery Charge	\$0.01479	\$0.01757	\$0.00278	
Stranded Cost Charge	(\$0.00004)	\$0.00012	\$0.00016	
Storm Recovery Adjustment Factor	\$0.00178	\$0.00178	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	<u>\$0.06913</u>	<u>\$0.06913</u>	<u>\$0.00000</u>	
TOTAL	\$0.11853	\$0.12147	\$0.00294	

Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2012 versus August 1, 2012 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 5/1/2012	Total Bill Using Rates 8/1/2012	Total Difference	% Total Difference
25.0%	200	36,500	\$3,668.84	\$3,849.52	\$180.68	4.9%
25.0%	400	73,000	\$7,248.15	\$7,609.50	\$361.35	5.0%
25.0%	600	109,500	\$10,827.46	\$11,369.49	\$542.03	5.0%
25.0%	800	146,000	\$14,406.77	\$15,129.47	\$722.70	5.0%
25.0%	1,000	182,500	\$17,986.08	\$18,889.46	\$903.38	5.0%
25.0%	1,500	273,750	\$26,934.36	\$28,289.42	\$1,355.06	5.0%
25.0%	2,000	365,000	\$35,882.63	\$37,689.38	\$1,806.75	5.0%
25.0%	2,500	456,250	\$44,830.91	\$47,089.34	\$2,258.44	5.0%
25.0%	3,000	547,500	\$53,779.18	\$56,489.31	\$2,710.13	5.0%
40.0%	200	58,400	\$5,047.23	\$5,336.31	\$289.08	5.7%
40.0%	400	116,800	\$10,004.92	\$10,583.08	\$578.16	5.8%
40.0%	600	175,200	\$14,962.62	\$15,829.86	\$867.24	5.8%
40.0%	800	233,600	\$19,920.31	\$21,076.63	\$1,156.32	5.8%
40.0%	1,000	292,000	\$24,878.01	\$26,323.41	\$1,445.40	5.8%
40.0%	1,500	438,000	\$37,272.25	\$39,440.35	\$2,168.10	5.8%
40.0%	2,000	584,000	\$49,666.49	\$52,557.29	\$2,890.80	5.8%
40.0%	2,500	730,000	\$62,060.73	\$65,674.23	\$3,613.50	5.8%
40.0%	3,000	876,000	\$74,454.97	\$78,791.17	\$4,336.20	5.8%
57.0%	200	83,220	\$6,609.40	\$7,021.34	\$411.94	6.2%
57.0%	400	166,440	\$13,129.26	\$13,953.14	\$823.88	6.3%
57.0%	600	249,660	\$19,649.13	\$20,884.95	\$1,235.82	6.3%
57.0%	800	332,880	\$26,169.00	\$27,816.75	\$1,647.76	6.3%
57.0%	1,000	416,100	\$32,688.86	\$34,748.56	\$2,059.70	6.3%
57.0%	1,500	624,150	\$48,988.53	\$52,078.07	\$3,089.54	6.3%
57.0%	2,000	832,200	\$65,288.20	\$69,407.59	\$4,119.39	6.3%
57.0%	2,500	1,040,250	\$81,587.87	\$86,737.10	\$5,149.24	6.3%
57.0%	3,000	1,248,300	\$97,887.53	\$104,066.62	\$6,179.09	6.3%
71.0%	200	103,660	\$7,895.89	\$8,409.01	\$513.12	6.5%
71.0%	400	207,320	\$15,702.25	\$16,728.48	\$1,026.23	6.5%
71.0%	600	310,980	\$23,508.61	\$25,047.96	\$1,539.35	6.5%
71.0%	800	414,640	\$31,314.97	\$33,367.44	\$2,052.47	6.6%
71.0%	1,000	518,300	\$39,121.33	\$41,686.92	\$2,565.59	6.6%
71.0%	1,500	777,450	\$58,637.23	\$62,485.61	\$3,848.38	6.6%
71.0%	2,000	1,036,600	\$78,153.13	\$83,284.30	\$5,131.17	6.6%
71.0%	2,500	1,295,750	\$97,669.04	\$104,083.00	\$6,413.96	6.6%
71.0%	3,000	1,554,900	\$117,184.94	\$124,881.69	\$7,696.76	6.6%

	Rates - Effective May 1, 2012	Rates - Proposed August 1, 2012	Difference
Customer Charge	\$89.53	\$89.53	\$0.00
	<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>
Distribution Charge	\$6.42	\$6.42	\$0.00
Stranded Cost Charge	(\$0.01)	(\$0.01)	\$0.00
TOTAL	\$6.41	\$6.41	\$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	\$0.01479	\$0.01757	\$0.00278
Stranded Cost Charge	(\$0.00001)	\$0.00003	\$0.00004
Storm Recovery Adjustment Factor	\$0.00178	\$0.00178	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge*	<u>\$0.04308</u>	<u>\$0.04521</u>	<u>\$0.00213</u>
TOTAL	\$0.06294	\$0.06789	\$0.00495

* 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, 2012 versus August 1, 2012 Impacts do NOT include the Electricity Consumption Tax Impact on OL Rate Customers*								
	Nominal Watts	Lumens	Type	Average Monthly kWh	Total Bill Using Rates 5/1/2012	Total Bill Using Rates 8/1/2012	Total Difference	% Total Difference
<u>Mercury Vapor:</u>								
1	100	3,500	ST	40	\$13.95	\$14.07	\$0.12	0.8%
2	175	7,000	ST	67	\$18.54	\$18.74	\$0.20	1.1%
3	250	11,000	ST	95	\$22.89	\$23.17	\$0.28	1.2%
4	400	20,000	ST	154	\$31.16	\$31.61	\$0.45	1.5%
5	1,000	60,000	ST	388	\$70.51	\$71.65	\$1.14	1.6%
6	250	11,000	FL	95	\$23.92	\$24.20	\$0.28	1.2%
7	400	20,000	FL	154	\$32.48	\$32.93	\$0.45	1.4%
8	1,000	60,000	FL	388	\$66.53	\$67.67	\$1.14	1.7%
9	100	3,500	PB	40	\$14.07	\$14.19	\$0.12	0.8%
10	175	7,000	PB	67	\$17.76	\$17.96	\$0.20	1.1%
<u>High Pressure Sodium:</u>								
11	50	4,000	ST	21	\$12.48	\$12.54	\$0.06	0.5%
12	100	9,500	ST	43	\$15.94	\$16.06	\$0.13	0.8%
13	150	16,000	ST	60	\$17.50	\$17.67	\$0.18	1.0%
14	250	30,000	ST	101	\$24.56	\$24.86	\$0.30	1.2%
15	400	50,000	ST	161	\$34.31	\$34.79	\$0.47	1.4%
16	1,000	140,000	ST	398	\$70.94	\$72.11	\$1.17	1.6%
17	150	16,000	FL	60	\$19.57	\$19.74	\$0.18	0.9%
18	250	30,000	FL	101	\$26.00	\$26.30	\$0.30	1.1%
19	400	50,000	FL	161	\$33.84	\$34.32	\$0.47	1.4%
20	1,000	140,000	FL	398	\$71.26	\$72.43	\$1.17	1.6%
21	50	4,000	PB	21	\$11.58	\$11.64	\$0.06	0.5%
22	100	9,500	PB	43	\$14.90	\$15.02	\$0.13	0.8%
<u>Metal Halide:</u>								
23	175	8,800	ST	66	\$22.13	\$22.33	\$0.19	0.9%
24	250	13,500	ST	92	\$25.99	\$26.26	\$0.27	1.0%
25	400	23,500	ST	148	\$31.68	\$32.11	\$0.44	1.4%
26	175	8,800	FL	66	\$24.87	\$25.07	\$0.19	0.8%
27	250	13,500	FL	92	\$28.80	\$29.07	\$0.27	0.9%
28	400	23,500	FL	148	\$33.83	\$34.26	\$0.44	1.3%
29	175	8,800	PB	66	\$21.00	\$21.20	\$0.19	0.9%
30	250	13,500	PB	92	\$24.35	\$24.62	\$0.27	1.1%
31	400	23,500	PB	148	\$30.55	\$30.98	\$0.44	1.4%
Luminaire Charges For Year Round Service:								
Rates - Effective May 1, 2012								
		Mercury Vapor Rate/Mo.		Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.		
Customer Charge	\$0.00	1	\$10.39	11	\$10.61	23	\$16.26	
		2	\$12.58	12	\$12.11	24	\$17.81	
	<u>All kWh</u>	3	\$14.44	13	\$12.16	25	\$18.51	
Distribution Charge	\$0.00000	4	\$17.46	14	\$15.58	26	\$19.00	
External Delivery Charge	\$0.01479	5	\$35.99	15	\$19.99	27	\$20.62	
Stranded Cost Charge	(\$0.00004)	6	\$15.47	16	\$35.53	28	\$20.66	
Storm Recovery Adj. Factor	\$0.00178	7	\$18.78	17	\$14.23	29	\$15.13	
System Benefits Charge	\$0.00330	8	\$32.01	18	\$17.02	30	\$16.17	
Default Service Charge	<u>\$0.06913</u>	9	\$10.51	19	\$19.52	31	\$17.38	
		10	\$11.80	20	\$35.85			
TOTAL	\$0.08896			21	\$9.71			
				22	\$11.07			
Rates - Proposed August 1, 2012								
		Mercury Vapor Rate/Mo.		Sodium Vapor Rate/Mo.		Metal Halide Rate/Mo.		
Customer Charge	\$0.00	1	\$10.39	11	\$10.61	23	\$16.26	
		2	\$12.58	12	\$12.11	24	\$17.81	
	<u>All kWh</u>	3	\$14.44	13	\$12.16	25	\$18.51	
Distribution Charge	\$0.00000	4	\$17.46	14	\$15.58	26	\$19.00	
External Delivery Charge	\$0.01757	5	\$35.99	15	\$19.99	27	\$20.62	
Stranded Cost Charge	\$0.00012	6	\$15.47	16	\$35.53	28	\$20.66	
Storm Recovery Adj. Factor	\$0.00178	7	\$18.78	17	\$14.23	29	\$15.13	
System Benefits Charge	\$0.00330	8	\$32.01	18	\$17.02	30	\$16.17	
Default Service Charge	<u>\$0.06913</u>	9	\$10.51	19	\$19.52	31	\$17.38	
		10	\$11.80	20	\$35.85			
TOTAL	\$0.09190			21	\$9.71			
				22	\$11.07			
Difference								
	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	
	<u>All kWh</u>	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	\$0.00278	5	\$0.00	15	\$0.00	27	\$0.00	
Stranded Cost Charge	\$0.00016	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	<u>\$0.00000</u>	9	\$0.00	19	\$0.00	31	\$0.00	
		10	\$0.00	20	\$0.00			
TOTAL	\$0.00294			21	\$0.00			
				22	\$0.00			

* Luminaire charges based on All-Night Service option.