

(I)

CALCULATION OF THE DEFAULT SERVICE CHARGE

Non-G1 Class Default Service:		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Total
Power Supply Charge								
1	Reconciliation	\$84,336	\$96,406	\$115,815	\$110,690	\$92,260	\$91,999	\$591,506
2	Total Costs	<u>\$3,951,599</u>	<u>\$4,365,438</u>	<u>\$5,587,329</u>	<u>\$5,469,899</u>	<u>\$4,219,731</u>	<u>\$4,226,896</u>	<u>\$27,820,893</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$4,035,935	\$4,461,844	\$5,703,144	\$5,580,589	\$4,311,991	\$4,318,895	\$28,412,399
4	kWh Purchases	<u>60,759,125</u>	<u>69,454,716</u>	<u>83,437,239</u>	<u>79,745,258</u>	<u>66,467,346</u>	<u>66,279,476</u>	<u>426,143,159</u>
5	Total, Before Losses (L.3 / L.4)	\$0.06643	\$0.06424	\$0.06835	\$0.06998	\$0.06487	\$0.06516	\$0.06667
6	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
7	Total Retail Rate - Variable Power Supply Charge (L.5 * (1+L.6))	\$0.07068	\$0.06835	\$0.07273	\$0.07446	\$0.06903	\$0.06933	
8	Total Retail Rate - Fixed Power Supply Charge (L.5 * (1+L.6))							\$0.07094
Renewable Portfolio Standard (RPS) Charge								
9	Reconciliation	(\$26,109)	(\$29,846)	(\$35,854)	(\$34,268)	(\$28,562)	(\$28,481)	(\$183,120)
10	Total Costs	<u>\$128,703</u>	<u>\$147,121</u>	<u>\$176,738</u>	<u>\$168,918</u>	<u>\$140,795</u>	<u>\$140,395</u>	<u>\$902,669</u>
11	Reconciliation plus Total Costs (L.9 + L.10)	\$102,594	\$117,275	\$140,884	\$134,650	\$112,233	\$111,914	\$719,549
12	kWh Purchases	<u>60,759,125</u>	<u>69,454,716</u>	<u>83,437,239</u>	<u>79,745,258</u>	<u>66,467,346</u>	<u>66,279,476</u>	<u>426,143,159</u>
13	Total, Before Losses (L.11 / L.12)	\$0.00169	\$0.00169	\$0.00169	\$0.00169	\$0.00169	\$0.00169	\$0.00169
14	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
15	Total Retail Rate - Variable RPS Charge (L.13 * (1+L.14))	\$0.00180	\$0.00180	\$0.00180	\$0.00180	\$0.00180	\$0.00180	
16	Total Retail Rate - Fixed RPS Charge (L.13 * (1+L.14))							\$0.00180
17	Total Retail Rate - Variable Default Service Charge (L.7 + L.15)	\$0.07248	\$0.07015	\$0.07453	\$0.07626	\$0.07083	\$0.07113	
18	Total Retail Rate - Fixed Default Service Charge (L.8 + L.16)							\$0.07274
Non-G1 Class Default Service:		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	Total
Power Supply Charge								
As shown on Schedule LSM-2, Page 1								
1	Reconciliation	\$118,712	\$130,852	\$144,437	\$129,737	\$123,193	\$109,835	\$756,766
2	Total Costs	<u>\$4,310,516</u>	<u>\$5,242,290</u>	<u>\$6,404,978</u>	<u>\$5,774,660</u>	<u>\$4,639,087</u>	<u>\$4,069,824</u>	<u>\$30,441,355</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$4,429,229	\$5,373,142	\$6,549,415	\$5,904,397	\$4,762,280	\$4,179,658	\$31,198,121
4	kWh Purchases	<u>66,740,691</u>	<u>73,565,609</u>	<u>81,203,115</u>	<u>72,938,785</u>	<u>69,259,531</u>	<u>61,749,587</u>	<u>425,457,318</u>
5	Total, Before Losses (L.3 / L.4)	\$0.06636	\$0.07304	\$0.08065	\$0.08095	\$0.06876	\$0.06769	\$0.07333
6	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
7	Total Retail Rate - Variable Power Supply Charge (L.5 * (1+L.6))	\$0.07061	\$0.07771	\$0.08582	\$0.08613	\$0.07316	\$0.07202	
8	Total Retail Rate - Fixed Power Supply Charge (L.5 * (1+L.6))							\$0.07802
Renewable Portfolio Standard (RPS) Charge								
As shown on Schedule LSM-3, Page 1								
9	Reconciliation	(\$28,680)	(\$31,613)	(\$34,895)	(\$31,343)	(\$29,762)	(\$26,535)	(\$182,827)
10	Total Costs	<u>\$153,280</u>	<u>\$168,949</u>	<u>\$215,094</u>	<u>\$193,207</u>	<u>\$183,462</u>	<u>\$163,570</u>	<u>\$1,077,561</u>
11	Reconciliation plus Total Costs (L.9 + L.10)	\$124,600	\$137,336	\$180,199	\$161,864	\$153,700	\$137,035	\$894,734
12	kWh Purchases	<u>66,740,691</u>	<u>73,565,609</u>	<u>81,203,115</u>	<u>72,938,785</u>	<u>69,259,531</u>	<u>61,749,587</u>	<u>425,457,318</u>
13	Total, Before Losses (L.11 / L.12)	\$0.00187	\$0.00187	\$0.00222	\$0.00222	\$0.00222	\$0.00222	\$0.00210
14	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
15	Total Retail Rate - Variable RPS Charge (L.13 * (1+L.14))	\$0.00199	\$0.00199	\$0.00236	\$0.00236	\$0.00236	\$0.00236	
16	Total Retail Rate - Fixed RPS Charge (L.13 * (1+L.14))							\$0.00224
17	Total Retail Rate - Variable Default Service Charge (L.7 + L.15)	\$0.07260	\$0.07970	\$0.08818	\$0.08849	\$0.07552	\$0.07438	
18	Total Retail Rate - Fixed Default Service Charge (L.8 + L.16)							\$0.08026

Authorized by NHPUC Order No. ~~25,206~~ in Case No. DE 11-028, dated ~~March 21, 2011~~

(I)

CALCULATION OF THE DEFAULT SERVICE CHARGE

					As shown on Schedule LSM-4, Page 1				
G1 Class Default Service:		<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>	<u>Nov-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>
<i>Power Supply Charge</i>									
1	Reconciliation	(\$1,346)	(\$1,268)	(\$1,219)	(\$3,832)	(\$1,127)	(\$1,147)	(\$1,195)	(\$3,469)
2	Total Costs	<u>\$435,863</u>	<u>\$382,862</u>	<u>\$379,255</u>	<u>\$1,197,981</u>	<u>\$404,812</u>	<u>\$410,086</u>	<u>\$428,059</u>	<u>\$1,242,957</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$434,518	\$381,595	\$378,037	\$1,194,149	\$403,685	\$408,939	\$426,864	\$1,239,488
4	kWh Purchases	<u>6,356,627</u>	<u>5,988,264</u>	<u>5,756,164</u>	<u>18,101,055</u>	<u>5,322,089</u>	<u>5,417,885</u>	<u>5,645,537</u>	16,385,511
5	Total, Before Losses (L.3 / L.4)	\$0.06836	\$0.06372	\$0.06568		\$0.07585	\$0.07548	\$0.07561	
6	Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>		<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
7	Total Retail Rate - Variable Power Supply Charge (L.5 * (1+L.6))	\$0.07149	\$0.06665	\$0.06869		\$0.07933	\$0.07894	\$0.07908	
<i>Renewable Portfolio Standard (RPS) Charge</i>									
					As shown on Schedule LSM-5, Page 1				
8	Reconciliation	\$4,155	\$3,914	\$3,762	\$11,831	\$3,479	\$3,541	\$3,690	\$10,710
9	Total Costs	<u>\$12,568</u>	<u>\$11,840</u>	<u>\$11,381</u>	<u>\$35,790</u>	<u>\$12,415</u>	<u>\$12,638</u>	<u>\$15,189</u>	<u>\$40,242</u>
10	Reconciliation plus Total Costs (L.8 + L.9)	\$16,723	\$15,754	\$15,144	\$47,621	\$15,893	\$16,179	\$18,879	\$50,952
11	kWh Purchases	<u>6,356,627</u>	<u>5,988,264</u>	<u>5,756,164</u>	<u>18,101,055</u>	<u>5,322,089</u>	<u>5,417,885</u>	<u>5,645,537</u>	16,385,511
12	Total, Before Losses (L.10 / L.11)	\$0.00263	\$0.00263	\$0.00263		\$0.00299	\$0.00299	\$0.00334	
13	Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>		<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
14	Total Retail Rate - Variable RPS Charge (L.12 * (1+L.13))	\$0.00275	\$0.00275	\$0.00275		\$0.00312	\$0.00312	\$0.00350	
15	Total Retail Rate - Variable Default Service Charge (L.7 + L.14)	\$0.07424	\$0.06940	\$0.07144		\$0.08245	\$0.08206	\$0.08258	

Authorized by NHPUC Order No. ~~25,236~~ in Case No. DE 11-028, dated ~~June 16, 2011~~

NHPUC No. 3 - Electricity Delivery

Sixteenth Fifteenth Revised Page 6

Unitil Energy Systems, Inc.

Superseding Fifteenth Fourteenth Revised Page 6

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

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

				(I)	
				<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	(\$0.00596)	(\$0.00634)
			Next 450 kWh	(\$0.00621)	(\$0.00659)
			Excess 700 kWh	\$0.00000	\$0.00000
2	151 - 175	7%	Customer Charge	(\$0.72)	(\$0.72)
			First 250 kWh	(\$0.00835)	(\$0.00887)
			Next 450 kWh	(\$0.00870)	(\$0.00922)
			Excess 700 kWh	\$0.00000	\$0.00000
3	126 - 150	18%	Customer Charge	(\$1.85)	(\$1.85)
			First 250 kWh	(\$0.02147)	(\$0.02282)
			Next 450 kWh	(\$0.02237)	(\$0.02372)
			Excess 700 kWh	\$0.00000	\$0.00000
4	101 - 125	33%	Customer Charge	(\$3.39)	(\$3.39)
			First 250 kWh	(\$0.03935)	(\$0.04183)
			Next 450 kWh	(\$0.04100)	(\$0.04348)
			Excess 700 kWh	\$0.00000	\$0.00000
5	76 - 100	48%	Customer Charge	(\$4.93)	(\$4.93)
			First 250 kWh	(\$0.05724)	(\$0.06085)
			Next 450 kWh	(\$0.05964)	(\$0.06325)
			Excess 700 kWh	\$0.00000	\$0.00000
6	0 - 75	70%	Customer Charge	(\$7.19)	(\$7.19)
			First 250 kWh	(\$0.08348)	(\$0.08874)
			Next 450 kWh	(\$0.08698)	(\$0.09224)
			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. 25,257 in Case No. DE 11-028 DE 11-141, dated July 29, 2011

Issued: September 9, 2011
Effective: November 1, 2011

Issued By: Mark H. Collin
Treasurer

RENEWABLE SOURCE OPTION
SCHEDULE RSOAVAILABILITY

The Renewable Source Option (“RSO”) shall be available to all Domestic and Regular General Service customers who are taking Default Service from the Company except for those who are enrolled in the Residential Low-Income Electric Assistance Program or have been approved to receive electric service payment assistance through the Fuel Assistance Program administered by a Community Action Agency. This option is not applicable to outdoor lighting kilowatt-hour usage of Customers taking service under the Company’s Outdoor Lighting Service delivery schedule.

RSO is an optional energy attribute service that allows customers to financially support renewable generation resources and technologies. Revenue received under the RSO will be used to purchase and retire Renewable Energy Certificates (RECs) produced by generation resources qualified by the NHPUC under New Hampshire Code of Administrative Rules, Chapter PUC 2500 (Chapter 2500 Rule) to produce Class I and Class II RECs, or to make alternative compliance payments to the Renewable Energy Trust (RET). Class I and Class II RECs will be purchased and retired, or payments made to the RET, according to the kilowatt-hour usage of customers opting to support this service, the percentage associated with the Renewable Source Option they choose, and the relative percentage of Class I and Class II minimum electric renewable portfolio standards pursuant to Table 2500.01 of the Chapter 2500 Rule.

Customers may choose one of three service options:

100% Renewable Source Option	The Company will purchase and retire Class I and Class II Renewable Energy Credits to match the Customer’s total kilowatt-hour usage.
50% Renewable Source Option	The Company will purchase and retire Class I and Class II Renewable Energy Credits to match 50% of the Customer’s total kilowatt-hour usage.
25% Renewable Source Option	The Company will purchase and retire Class I and Class II Renewable Energy Credits to match 25% of the Customer’s total kilowatt-hour usage.

RENEWABLE SOURCE OPTION CHARGE

The Renewable Source Option Charges (“RSOC”) for Customers opting to participate in the RSO are as follows:

100% Renewable Source Option	\$0.02 898115 per kilowatt-hour
50% Renewable Source Option	\$0.01 449058 per kilowatt-hour
25% Renewable Source Option	\$0.00 725529 per kilowatt-hour

RENEWABLE SOURCE OPTION CHARGE RECONCILIATION

The RSOC shall be established biannually, for effect May 1 and November 1, or will otherwise coincide with Default Energy Service rate changes for the Company's Domestic and Regular

Authorized by NHPUC Order No. _____ in Case No. DE _____ dated _____

Issued: ~~June 7, 2010~~ September 9, 2011
Effective: ~~September 4, 2010~~ November 1, 2011

Issued by: Mark H. Collin
Treasurer

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

Schedule LSM-2
Page 1 of 2

	<u>Nov-11</u> <u>Estimated</u>	<u>Dec-11</u> <u>Estimated</u>	<u>Jan-12</u> <u>Estimated</u>	<u>Feb-12</u> <u>Estimated</u>	<u>Mar-12</u> <u>Estimated</u>	<u>Apr-12</u> <u>Estimated</u>	<u>Total</u>
1 Reconciliation (1)	\$118,712	\$130,852	\$144,437	\$129,737	\$123,193	\$109,835	\$756,766
2 Total Costs (Page 2)	<u>\$4,310,516</u>	<u>\$5,242,290</u>	<u>\$6,404,978</u>	<u>\$5,774,660</u>	<u>\$4,639,087</u>	<u>\$4,069,824</u>	<u>\$30,441,355</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$4,429,229	\$5,373,142	\$6,549,415	\$5,904,397	\$4,762,280	\$4,179,658	\$31,198,121
4 kWh Purchases	<u>66,740,691</u>	<u>73,565,609</u>	<u>81,203,115</u>	<u>72,938,785</u>	<u>69,259,531</u>	<u>61,749,587</u>	<u>425,457,318</u>
5 Total, Before Losses (L.3 / L.4)	\$0.06636	\$0.07304	\$0.08065	\$0.08095	\$0.06876	\$0.06769	\$0.07333
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
7 Total Retail Rate - Variable Power Supply Charge (L.5 * (1+L.6))	\$0.07061	\$0.07771	\$0.08582	\$0.08613	\$0.07316	\$0.07202	
8 Total Retail Rate - Fixed Power Supply Charge (L.5 * (1+L.6))							\$0.07802

(1) Lines i through iv are as filed in UES's March 11, 2011 Default Service filing. Power Supply Charge balance as of January 31, 2011, as adjusted, allocated between rate periods (May-October 2011 and November 2011-April 2012) and then to each month on equal per kWh basis. Lines v through ix relate to the collection of Smart Grid expenses. In its March 11, 2011 Default Service filing, UES removed actual Smart Grid expenses incurred through January 2011 from its reconciliation balance (the amount shown on line i above) in order to begin recovery of the Smart Grid expenses beginning November 1, 2011. In its filing dated September 7, 2011, in DE 09-137, UES provides support for its Smart Grid expenses incurred through July 31, 2011. Total Smart Grid expenses were allocated to the rate period, November 2011-April 2012, and then to each month on equal per kWh basis.

i Total Power Supply Charge reconciliation for May 1, 2011-April 30, 2012	\$1,182,066	
ii Reconciliation amount for May-October 2011	\$591,506	
iii Reconciliation amount for November 2011-April 2012	<u>\$590,560</u>	
iv Total	\$1,182,066	
v UES Smart Grid - Total Costs incurred through July 31, 2011	\$335,769	
vi kWh purchases forecast November 2011-April 2012	425,457,318	49.50%
vii kWh purchases forecast May-October 2012	<u>434,113,083</u>	50.50%
viii Total	859,570,401	
ix Smart Grid amount for November 2011-April 2012 (L. v * % L. vi)	\$166,206	
x Total reconciliation amount for November 2011-April 2012 (L. iii + L. ix)	\$756,766	

<i>Calculation of Working Capital Supplier Charges and GIS Support Payments</i>											
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Total Non-G1 Class DS Supplier Charges (1)	GIS Support Payments	Number of Days of Lag / 365	Working Capital Requirement ((a+b)*c)	Prime Rate	Supply Related Working Capital (d * e)	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + f + g + h + i + j)	
Nov-11	\$4,265,887	\$572	6.05%	\$258,092	3.25%	\$8,388	\$33,600	\$2,069	\$0	\$0	\$4,310,516
Dec-11	\$5,201,417	\$576	6.05%	\$314,685	3.25%	\$10,227	\$28,000	\$2,069	\$0	\$0	\$5,242,290
Jan-12	\$6,340,885	\$635	6.05%	\$383,619	3.25%	\$12,468	\$48,922	\$2,069	\$0	\$0	\$6,404,978
Feb-12	\$5,711,738	\$701	6.05%	\$345,563	3.25%	\$11,231	\$48,922	\$2,069	\$0	\$0	\$5,774,660
Mar-12	\$4,578,464	\$630	6.05%	\$277,004	3.25%	\$9,003	\$48,922	\$2,069	\$0	\$0	\$4,639,087
Apr-12	<u>\$3,996,400</u>	<u>\$598</u>	6.05%	<u>\$241,791</u>	3.25%	<u>\$7,858</u>	<u>\$62,899</u>	<u>\$2,069</u>	<u>\$0</u>	<u>\$0</u>	<u>\$4,069,824</u>
Total	\$30,094,791	\$3,712		\$1,820,753		\$59,174	\$271,264	\$12,413	\$0	\$0	\$30,441,355

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

Unitil Energy Systems, Inc.
Calculation of Non-G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

Schedule LSM-3
Page 1 of 2

	<u>Nov-11</u> <u>Estimated</u>	<u>Dec-11</u> <u>Estimated</u>	<u>Jan-12</u> <u>Estimated</u>	<u>Feb-12</u> <u>Estimated</u>	<u>Mar-12</u> <u>Estimated</u>	<u>Apr-12</u> <u>Estimated</u>	<u>Total</u>
1 Reconciliation	(\$28,680)	(\$31,613)	(\$34,895)	(\$31,343)	(\$29,762)	(\$26,535)	(\$182,827)
2 Total Costs (Page 2)	<u>\$153,280</u>	<u>\$168,949</u>	<u>\$215,094</u>	<u>\$193,207</u>	<u>\$183,462</u>	<u>\$163,570</u>	<u>\$1,077,561</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$124,600	\$137,336	\$180,199	\$161,864	\$153,700	\$137,035	\$894,734
4 kWh Purchases	<u>66,740,691</u>	<u>73,565,609</u>	<u>81,203,115</u>	<u>72,938,785</u>	<u>69,259,531</u>	<u>61,749,587</u>	<u>425,457,318</u>
5 Total, Before Losses (L.3 / L.4)	\$0.00187	\$0.00187	\$0.00222	\$0.00222	\$0.00222	\$0.00222	\$0.00210
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
7 Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6))	\$0.00199	\$0.00199	\$0.00236	\$0.00236	\$0.00236	\$0.00236	
8 Total Retail Rate - Fixed RPS Charge (L.5 * (1+L.6))							\$0.00224

(1) As filed in UES' March 11, 2011 Default Service filing. RPS Charge balance as of January 31, 2011, as adjusted, allocated between rate periods (May-October 2011 and November 2011-April 2012) and then to each month on equal per kWh basis.

Total reconciliation for May 1, 2011-April 30, 2012	(\$365,947)
Reconciliation amount for May-October 2011	(\$183,120)
Reconciliation amount for November 2011-April 2012	<u>(\$182,827)</u>
Total	(\$365,947)

Unitil Energy Systems, Inc.
Itemized Costs for Non-G1 Class Default Service Renewable Portfolio Standard Charge

Schedule LSM-3
Page 2 of 2

		<i>Calculation of Working Capital</i>				(f)
(a)		(b)	(c)	(d)	(e)	
Renewable Energy Credits		Number of	Working		Supply Related Working	Total Costs (sum a + e)
(1)		Days of Lag /	Capital	Prime Rate	Capital (c * d)	
		365	Requirement			
			(a*b)			
Nov-11	\$157,384	(80.23%)	(\$126,265)	3.25%	(\$4,104)	\$153,280
Dec-11	\$173,472	(80.23%)	(\$139,172)	3.25%	(\$4,523)	\$168,949
Jan-12	\$220,852	(80.23%)	(\$177,184)	3.25%	(\$5,758)	\$215,094
Feb-12	\$198,379	(80.23%)	(\$159,155)	3.25%	(\$5,173)	\$193,207
Mar-12	\$188,373	(80.23%)	(\$151,127)	3.25%	(\$4,912)	\$183,462
Apr-12	<u>\$167,949</u>	(80.23%)	<u>(\$134,741)</u>	3.25%	<u>(\$4,379)</u>	<u>\$163,570</u>
Total	\$1,106,410		(\$887,644)		(\$28,848)	\$1,077,561

(1) Schedule RSF-4.

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

Schedule LSM-4
Page 1 of 2

	<u>Nov-11</u> <u>Estimated</u>	<u>Dec-11</u> <u>Estimated</u>	<u>Jan-12</u> <u>Estimated</u>	<u>Total</u>
1 Reconciliation (1)	(\$1,127)	(\$1,147)	(\$1,195)	(\$3,469)
2 Total Costs (Page 2)	\$404,812	\$410,086	\$428,059	\$1,242,957
3 Reconciliation plus Total Costs (L.1 + L.2)	\$403,685	\$408,939	\$426,864	\$1,239,488
4 kWh Purchases	5,322,089	5,417,885	5,645,537	16,385,511
5 Total, Before Losses (L.3 / L.4)	\$0.07585	\$0.07548	\$0.07561	
6 Losses	4.591%	4.591%	4.591%	
7 Total Retail Rate - Variable Power Supply Charge (L.5 * (1+L.6))	\$0.07933	\$0.07894	\$0.07908	

(1) As filed in UES' March 11, 2011 Default Service filing. Power Supply Charge balance as of January 31, 2011 as adjusted, allocated between rate periods (May-July 2011, August-October 2011, November 2011-January 2012, and February-April 2012) and then to each month on equal per kWh basis.

Total Power Supply Charge reconciliation for May 1, 2011-April 30, 2011 (\$14,609)

Reconciliation amount for May-July 2011	(\$3,867)
Reconciliation amount for August-October 2011	(\$3,832)
Reconciliation amount for November 2011-January 2012	(\$3,469)
Reconciliation amount for February-April 2012	<u>(\$3,440)</u>
Total	(\$14,609)

Redacted

Unitil Energy Systems, Inc.
Itemized Costs for G1 Class Default Service Power Supply Charge

Schedule LSM-4
Page 2 of 2

<div> <div>Calculation of Working Capital</div> <div>Supplier Charges and GIS Support Payments</div> </div>											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Total G1 Class DS Supplier Charges (1)	GIS Support Payments	Number of Days of Lag / 365	Working Capital Requirement ((a+b)*c)	Prime Rate	Supply Related Working Capital (d * e)	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Total Costs (sum a + b + f + g + h + i + j)
Nov-11	Redacted	\$46	1.48%	Redacted	3.25%	Redacted	Redacted	\$3,153	\$0	\$0	\$404,812
Dec-11	Redacted	\$47	1.48%	Redacted	3.25%	Redacted	Redacted	\$3,153	\$0	\$0	\$410,086
Jan-12	<u>Redacted</u>	<u>\$49</u>	1.48%	<u>Redacted</u>	3.25%	<u>Redacted</u>	<u>Redacted</u>	<u>\$3,153</u>	<u>\$0</u>	<u>\$0</u>	<u>\$428,059</u>
Total	Redacted	\$141		Redacted		Redacted	Redacted	\$9,458	\$0	\$0	\$1,242,957

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

Unitil Energy Systems, Inc.
Calculation of G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

Schedule LSM-5
Page 1 of 2

	<u>Nov-11 Estimated</u>	<u>Dec-11 Estimated</u>	<u>Jan-12 Estimated</u>	<u>Total</u>
1 Reconciliation	\$3,479	\$3,541	\$3,690	\$10,710
2 Total Costs (Page 2)	<u>\$12,415</u>	<u>\$12,638</u>	<u>\$15,189</u>	<u>\$40,242</u>
3 Reconciliation plus Total Costs (L.1 + L.2)	\$15,893	\$16,179	\$18,879	\$50,952
4 kWh Purchases	<u>5,322,089</u>	<u>5,417,885</u>	<u>5,645,537</u>	16,385,511
5 Total, Before Losses (L.3 / L.4)	\$0.00299	\$0.00299	\$0.00334	
6 Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
7 Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6))	\$0.00312	\$0.00312	\$0.00350	

(1) As filed in UES' March 11, 2011 Default Service filing. RPS Charge balance as of January 31, 2011 as adjusted, allocated between rate periods (May-July 2011, August-October 2011, November 2011-January 2012, and February-April 2012) and then to each month on equal per kWh basis.

Total RPS Charge reconciliation for May 1, 2011-April 30, 2012	\$45,101
Reconciliation amount for May-July 2011	\$11,939
Reconciliation amount for August-October 2011	\$11,831
Reconciliation amount for November 2011-January 2012	\$10,710
Reconciliation amount for February-April 2012	<u>\$10,621</u>
Total	\$45,101

		<i>Calculation of Working Capital</i>				
(a)		(b)	(c)	(d)	(e)	(f)
Renewable Energy Credits		Number of	Working		Supply Related Working	
(1)		Days of Lag /	Capital	Prime Rate	Capital (c * d)	Total Costs (sum a + e)
		365	Requirement			
			(a*b)			
Nov-11	\$12,772	(86.12%)	(\$10,999)	3.25%	(\$357)	\$12,415
Dec-11	\$13,002	(86.12%)	(\$11,197)	3.25%	(\$364)	\$12,638
Jan-12	<u>\$15,626</u>	(86.12%)	<u>(\$13,457)</u>	3.25%	<u>(\$437)</u>	<u>\$15,189</u>
Total	\$41,400		(\$35,652)		(\$1,159)	\$40,242

(1) Schedule RSF-4.

Unitil Energy Systems, Inc.
Internal Administrative Costs associated with Default Service

Schedule LSM-6
Page 1 of 2

		<u>G1 Class</u>	<u>Non-G1 Class</u>	<u>Total</u>	Notes:
Energy Contracts Department:					
1	Average Cost of Labor per Hour	\$39.58	\$39.58	\$39.58	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>249.4</u>	<u>150.6</u>	<u>400.0</u>	
3	Cost of Labor	\$9,871	\$5,961	\$15,832	
4	Overhead (Line 3 * Overhead rate)	<u>\$9,299</u>	<u>\$5,615</u>	<u>\$14,914</u>	2
5	Total Labor and Overhead Cost	<u>\$19,170</u>	<u>\$11,576</u>	<u>\$30,746</u>	
Regulatory Services Department:					
1	Average Cost of Labor per Hour	\$44.54	\$44.54	\$44.54	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>88.0</u>	<u>35.0</u>	<u>123.0</u>	
3	Cost of Labor	\$3,920	\$1,559	\$5,478	
4	Overhead (Line 3 * Overhead rate)	<u>\$3,692</u>	<u>\$1,468</u>	<u>\$5,161</u>	2
5	Total Labor and Overhead Cost	<u>\$7,612</u>	<u>\$3,027</u>	<u>\$10,639</u>	
Accounts Payable Department:					
1	Average Cost of Labor per Hour	\$24.03	\$24.03	\$24.03	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>6.0</u>	<u>6.0</u>	<u>12.0</u>	
3	Cost of Labor	\$144	\$144	\$288	
4	Overhead (Line 3 * Overhead rate)	<u>\$136</u>	<u>\$136</u>	<u>\$272</u>	2
5	Total Labor and Overhead Cost	<u>\$280</u>	<u>\$280</u>	<u>\$560</u>	
General Accounting Department:					
1	Average Cost of Labor per Hour	\$41.38	\$41.38	\$41.38	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>6.0</u>	<u>6.0</u>	<u>12.0</u>	
3	Cost of Labor	\$248	\$248	\$497	
4	Overhead (Line 3 * Overhead rate)	<u>\$234</u>	<u>\$234</u>	<u>\$468</u>	2
5	Total Labor and Overhead Cost	<u>\$482</u>	<u>\$482</u>	<u>\$964</u>	
Finance Department:					
1	Average Cost of Labor per Hour	\$36.44	\$36.44	\$36.44	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>26.0</u>	<u>26.0</u>	<u>52.0</u>	
3	Cost of Labor	\$947	\$947	\$1,895	
4	Overhead (Line 3 * Overhead rate)	<u>\$892</u>	<u>\$892</u>	<u>\$1,785</u>	2
5	Total Labor and Overhead Cost	<u>\$1,840</u>	<u>\$1,840</u>	<u>\$3,680</u>	
Communications Department:					
1	Average Cost of Labor per Hour	\$48.31	\$48.31	\$48.31	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>60.0</u>	<u>60.0</u>	<u>120.0</u>	
3	Cost of Labor	\$2,899	\$2,899	\$5,797	
4	Overhead (Line 3 * Overhead rate)	<u>\$2,730</u>	<u>\$2,730</u>	<u>\$5,461</u>	2
5	Total Labor and Overhead Cost	<u>\$5,629</u>	<u>\$5,629</u>	<u>\$11,258</u>	
Business Development Department:					
1	Average Cost of Labor per Hour	\$42.39	\$42.39	\$42.39	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>8.0</u>	<u>0.0</u>	<u>8.0</u>	
3	Cost of Labor	\$339	\$0	\$339	
4	Overhead (Line 3 * Overhead rate)	<u>\$319</u>	<u>\$0</u>	<u>\$319</u>	2
5	Total Labor and Overhead Cost	<u>\$659</u>	<u>\$0</u>	<u>\$659</u>	
Information Systems Department:					
1	Average Cost of Labor per Hour	\$39.72	\$39.72	\$39.72	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>3.6</u>	<u>1.4</u>	<u>5.0</u>	
3	Cost of Labor	\$143	\$56	\$199	
4	Overhead (Line 3 * Overhead rate)	<u>\$135</u>	<u>\$52</u>	<u>\$187</u>	2
5	Total Labor and Overhead Cost	<u>\$278</u>	<u>\$108</u>	<u>\$386</u>	
Customer Service Department:					
1	Average Cost of Labor per Hour	\$20.21	\$20.21	\$20.21	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>48.0</u>	<u>48.0</u>	<u>96.0</u>	
3	Cost of Labor	\$970	\$970	\$1,940	
4	Overhead (Line 3 * Overhead rate)	<u>\$914</u>	<u>\$914</u>	<u>\$1,828</u>	2
5	Total Labor and Overhead Cost	<u>\$1,884</u>	<u>\$1,884</u>	<u>\$3,768</u>	
TOTAL ANNUAL COST		<u>\$37,833</u>	<u>\$24,826</u>	<u>\$62,659</u>	

Notes:

1) See Schedule LSM-6, Page 2 of 2.

2) Based on Unitil Service Corp. overhead rate of 94.2% (2010 average rate).

Unitil Service Corp.
Average Cost of Labor per Hour by Department

<u>Department</u>	<u>Full Time</u> <u>Equivalent (1)</u>	<u>Annualized</u> <u>Base Labor</u>	<u>Open</u> <u>Positions</u>	<u>Open</u> <u>Positions (2)</u>	<u>Total</u> <u>Positions</u>	<u>Total</u> <u>Salaries</u>	<u>Avg Hrly</u> <u>Labor Cost (3)</u>
(a)	(b)	(c)	(d)	(e)	(b) + (d) = (f)	(c) + (e) = (g)	(g) ÷ (f) ÷ 2080 = (h)
Energy Contracts	7.00	\$585,818	1.00	\$72,736	8.00	\$658,554	\$39.58
Regulatory / Legal	9.00	\$833,814	0.00	\$0	9.00	\$833,814	\$44.54
Accounts Payable	4.00	\$199,900	0.00	\$0	4.00	\$199,900	\$24.03
General Accounting	18.30 (4)	\$1,575,125	0.00	\$0	18.30	\$1,575,125	\$41.38
Finance	7.00	\$530,617	0.00	\$0	7.00	\$530,617	\$36.44
Communications	6.00	\$602,886	0.00	\$0	6.00	\$602,886	\$48.31
Business Development	16.00	\$1,410,817	0.00	\$0	16.00	\$1,410,817	\$42.39
Information Systems	19.00	\$1,569,639	0.00	\$0	19.00	\$1,569,639	\$39.72
Customer Service	64.00	\$2,690,767	0.00	\$0	64.00	\$2,690,767	\$20.21

(1) Annualized salaries of active employees as of August 1, 2011.

(2) Salary range midpoint of open positions as of August 1, 2011.

(3) Total Salaries ÷ Total positions ÷ (40 hours/wk * 52 weeks/yr).

(4) Includes two part-time employees.

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

Residential Rate D 500 kWh Bill

	8/1/2011	11/1/2011					%
<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	\$0.01479	\$0.01479	\$0.00000	\$7.40	\$7.40	\$0.00	0.0%
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	(\$0.02)	(\$0.02)	\$0.00	0.0%
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$36.37</u>	<u>\$40.13</u>	<u>\$3.76</u>	<u>5.3%</u>
First 250 kWh	\$0.11925	\$0.12677	\$0.00752				
Excess 250 kWh	\$0.12425	\$0.13177	\$0.00752				
Total Bill				\$71.15	\$74.91	\$3.76	5.3%

* 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>							
	8/1/2011	11/1/2011					%
<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	\$0.01479	\$0.01479	\$0.00000	\$29.58	\$29.58	\$0.00	0.0%
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	(\$0.08)	(\$0.08)	\$0.00	0.0%
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$145.48</u>	<u>\$160.52</u>	<u>\$15.04</u>	<u>6.1%</u>
Total	\$0.11964	\$0.12716	\$0.00752	\$239.28	\$254.32	\$15.04	6.1%
Total Bill				\$244.88	\$259.92	\$15.04	6.1%

<u>Regular General G2 kWh Meter 125 kWh Typical Bill</u>							
	8/1/2011	11/1/2011					%
<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	\$0.01479	\$0.01479	\$0.00000	\$1.85	\$1.85	\$0.00	0.0%
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	(\$0.01)	(\$0.01)	\$0.00	0.0%
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$9.09</u>	<u>\$10.03</u>	<u>\$0.94</u>	<u>3.4%</u>
Total	\$0.12085	\$0.12837	\$0.00752	\$15.11	\$16.05	\$0.94	3.4%
Total Bill				\$27.61	\$28.55	\$0.94	3.4%

* 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>							
	8/1/2011	11/1/2011					%
<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	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>	<u>(\$0.10)</u>	<u>(\$0.10)</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$9.23	\$9.23	\$0.00	\$92.30	\$92.30	\$0.00	0.0%
	<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	\$0.01479	\$0.01479	\$0.00000	\$44.37	\$44.37	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.00001)</u>	<u>(\$0.00001)</u>	<u>\$0.00000</u>	<u>(\$0.03)</u>	<u>(\$0.03)</u>	<u>\$0.00</u>	<u>0.0%</u>
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$218.22</u>	<u>\$240.78</u>	<u>\$22.56</u>	<u>5.9%</u>
Total	\$0.09212	\$0.09964	\$0.00752	\$276.36	\$298.92	\$22.56	5.9%
Total Bill				\$385.16	\$407.72	\$22.56	5.9%

<u>Large General - G1 550 kVa, 200,000 kWh Typical Bill</u>							
	8/1/2011	11/1/2011					%
<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	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>	<u>(\$5.50)</u>	<u>(\$5.50)</u>	<u>\$0.00</u>	<u>0.0%</u>
Total	\$6.24	\$6.24	\$0.00	\$3,432.00	\$3,432.00	\$0.00	0.0%
	<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	\$0.01479	\$0.01479	\$0.00000	\$2,958.00	\$2,958.00	\$0.00	0.0%
Stranded Cost Charge	<u>(\$0.00001)</u>	<u>(\$0.00001)</u>	<u>\$0.00000</u>	<u>(\$2.00)</u>	<u>(\$2.00)</u>	<u>\$0.00</u>	<u>0.0%</u>
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>\$0.07169</u>	<u>\$0.08236</u>	<u>\$0.01067</u>	<u>\$14,338.00</u>	<u>\$16,472.00</u>	<u>\$2,134.00</u>	<u>9.8%</u>
Total	\$0.09107	\$0.10174	\$0.01067	\$18,214.00	\$20,348.00	\$2,134.00	9.8%
Total Bill				\$21,733.09	\$23,867.09	\$2,134.00	9.8%

* 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*

	8/1/2011	11/1/2011					%
<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	\$0.01479	\$0.01479	\$0.00000	\$9.92	\$9.92	\$0.00	0.0%
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	(\$0.03)	(\$0.03)	\$0.00	0.0%
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$48.81</u>	<u>\$53.85</u>	<u>\$5.05</u>	<u>5.5%</u>
First 250 kWh	\$0.11925	\$0.12677	\$0.00752				
Excess 250 kWh	\$0.12425	\$0.13177	\$0.00752				
Total Bill				\$92.39	\$97.44	\$5.05	5.5%

Residential Rate D 560 kWh Bill - Median Use*

	8/1/2011	11/1/2011					%
<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	\$0.01479	\$0.01479	\$0.00000	\$8.28	\$8.28	\$0.00	0.0%
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	(\$0.02)	(\$0.02)	\$0.00	0.0%
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>\$0.08026</u>	<u>\$0.00752</u>	<u>\$40.73</u>	<u>\$44.95</u>	<u>\$4.21</u>	<u>5.4%</u>
First 250 kWh	\$0.11925	\$0.12677	\$0.00752				
Excess 250 kWh	\$0.12425	\$0.13177	\$0.00752				
Total Bill				\$78.60	\$82.81	\$4.21	5.4%

* 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 November 1, 2011

(A) <u>Class of Service</u>	(B) <u>Number of Customers</u>	(C) <u>Annual kWh Sales</u>	(D) <u>Annual kW / kVA Sales</u>	(E) <u>Proposed DSC Change \$</u>	(F) <u>Estimated Annual Revenue \$ Under Present Rates</u>	(G) <u>Estimated Annual Revenue \$ Under Proposed Rates</u>	(H) <u>Proposed Net Change Revenue \$</u>	(I) <u>% Change DSC Revenue</u>
Residential	763,694	480,638,599	n/a	\$3,614,402	\$66,698,439	\$70,312,841	\$3,614,402	5.4%
General Service	129,249	340,275,469	1,301,458	\$2,558,872	\$45,595,956	\$48,154,827	\$2,558,872	5.6%
Large General Service	1,814	347,650,754	989,158	\$3,709,434	\$37,814,588	\$41,524,022	\$3,709,434	9.8%
Outdoor Lighting	115,819	8,988,739	n/a	\$67,595	\$2,386,261	\$2,453,856	\$67,595	2.8%
Total	1,010,576	1,177,553,561		\$9,950,303	\$152,495,243	\$162,445,546	\$9,950,303	6.5%

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

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

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

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

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

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

Unitil Energy Systems, Inc. Typical Bill Impacts - August 1, 2011 versus November 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers				
Average kWh	Total Bill Using Rates 8/1/2011	Total Bill Using Rates 11/1/2011	Total Difference	% Total Difference
125	\$25.18	\$26.12	\$0.94	3.7%
250	\$40.08	\$41.96	\$1.88	4.7%
500	\$71.15	\$74.91	\$3.76	5.3%
600	\$83.57	\$88.08	\$4.51	5.4%
750	\$102.21	\$107.85	\$5.64	5.5%
1,000	\$133.27	\$140.79	\$7.52	5.6%
1,250	\$164.33	\$173.73	\$9.40	5.7%
1,500	\$195.40	\$206.68	\$11.28	5.8%
2,000	\$257.52	\$272.56	\$15.04	5.8%
3,500	\$443.90	\$470.22	\$26.32	5.9%
5,000	\$630.27	\$667.87	\$37.60	6.0%

	Rates - Effective August 1, 2011	Rates - Proposed November 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	\$0.01479	\$0.01479	\$0.00000
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge	\$0.07274	\$0.08026	\$0.00752
TOTAL			
First 250 kWh	\$0.11925	\$0.12677	\$0.00752
Excess 250 kWh	\$0.12425	\$0.13177	\$0.00752

Unitil Energy Systems, Inc.						
Typical Bill Impacts - August 1, 2011 versus November 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 8/1/2011	Total Bill Using Rates 11/1/2011	Total Difference	% Total Difference
20%	5	730	\$129.90	\$135.39	\$5.49	4.2%
20%	10	1,460	\$243.30	\$254.27	\$10.98	4.5%
20%	15	2,190	\$356.69	\$373.16	\$16.47	4.6%
20%	25	3,650	\$583.49	\$610.94	\$27.45	4.7%
20%	50	7,300	\$1,150.48	\$1,205.37	\$54.90	4.8%
20%	75	10,950	\$1,717.46	\$1,799.81	\$82.34	4.8%
20%	100	14,600	\$2,284.45	\$2,394.24	\$109.79	4.8%
20%	150	21,900	\$3,418.43	\$3,583.12	\$164.69	4.8%
36%	5	1,314	\$183.70	\$193.58	\$9.88	5.4%
36%	10	2,628	\$350.89	\$370.65	\$19.76	5.6%
36%	15	3,942	\$518.09	\$547.73	\$29.64	5.7%
36%	25	6,570	\$852.48	\$901.88	\$49.41	5.8%
36%	50	13,140	\$1,688.46	\$1,787.27	\$98.81	5.9%
36%	75	19,710	\$2,524.44	\$2,672.65	\$148.22	5.9%
36%	100	26,280	\$3,360.41	\$3,558.04	\$197.63	5.9%
36%	150	39,420	\$5,032.37	\$5,328.81	\$296.44	5.9%
50%	5	1,825	\$230.77	\$244.49	\$13.72	5.9%
50%	10	3,650	\$445.04	\$472.49	\$27.45	6.2%
50%	15	5,475	\$659.31	\$700.48	\$41.17	6.2%
50%	25	9,125	\$1,087.85	\$1,156.47	\$68.62	6.3%
50%	50	18,250	\$2,159.19	\$2,296.43	\$137.24	6.4%
50%	75	27,375	\$3,230.54	\$3,436.40	\$205.86	6.4%
50%	100	36,500	\$4,301.88	\$4,576.36	\$274.48	6.4%
50%	150	54,750	\$6,444.57	\$6,856.29	\$411.72	6.4%
	Rates - Effective August 1, 2011	Rates - Proposed November 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	(\$0.01)	(\$0.01)	\$0.00			
TOTAL	\$9.23	\$9.23	\$0.00			
	kWh	kWh	kWh			
Distribution Charge	\$0.00034	\$0.00034	\$0.00000			
External Delivery Charge	\$0.01479	\$0.01479	\$0.00000			
Stranded Cost Charge	(\$0.00001)	(\$0.00001)	\$0.00000			
Storm Recovery Adj. Factor	\$0.00096	\$0.00096	\$0.00000			
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000			
Default Service Charge	\$0.07274	\$0.08026	\$0.00752			
TOTAL	\$0.09212	\$0.09964	\$0.00752			

Unitil Energy Systems, Inc. Typical Bill Impacts - August 1, 2011 versus November 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers				
Average Monthly kWh	Total Bill Using Rates 8/1/2011	Total Bill Using Rates 11/1/2011	Total Difference	% Total Difference
15	\$14.31	\$14.43	\$0.11	0.8%
75	\$21.56	\$22.13	\$0.56	2.6%
150	\$30.63	\$31.76	\$1.13	3.7%
250	\$42.71	\$44.59	\$1.88	4.4%
350	\$54.80	\$57.43	\$2.63	4.8%
450	\$66.88	\$70.27	\$3.38	5.1%
550	\$78.97	\$83.10	\$4.14	5.2%
650	\$91.05	\$95.94	\$4.89	5.4%
750	\$103.14	\$108.78	\$5.64	5.5%
900	\$121.27	\$128.03	\$6.77	5.6%
	Rates - Effective August 1, 2011	Rates - Proposed November 1,	Difference	
kWh Meter Customer Charge	\$12.50	\$12.50	\$0.00	
	All kWh	All kWh	All kWh	
Distribution Charge	\$0.02910	\$0.02910	\$0.00000	
External Delivery Charge	\$0.01479	\$0.01479	\$0.00000	
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000	
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	
Default Service Charge	\$0.07274	\$0.08026	\$0.00752	
TOTAL	\$0.12085	\$0.12837	\$0.00752	

Unitil Energy Systems, Inc. Typical Bill Impacts - August 1, 2011 versus November 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G2 QRWH and SH Rate Customers				
Average kWh	Total Bill Using Rates 8/1/2011	Total Bill Using Rates 11/1/2011	Total Difference	% Total Difference
100	\$17.56	\$18.32	\$0.75	4.3%
200	\$29.53	\$31.03	\$1.50	5.1%
300	\$41.49	\$43.75	\$2.26	5.4%
400	\$53.46	\$56.46	\$3.01	5.6%
500	\$65.42	\$69.18	\$3.76	5.7%
750	\$95.33	\$100.97	\$5.64	5.9%
1,000	\$125.24	\$132.76	\$7.52	6.0%
1,500	\$185.06	\$196.34	\$11.28	6.1%
2,000	\$244.88	\$259.92	\$15.04	6.1%
2,500	\$304.70	\$323.50	\$18.80	6.2%
	<u>Rates - Effective August 1, 2011</u>	<u>Rates - Proposed November 1, 2011</u>	<u>Difference</u>	
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	\$0.01479	\$0.01479	\$0.00000	
Stranded Cost Charge	(\$0.00004)	(\$0.00004)	\$0.00000	
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>\$0.08026</u>	<u>\$0.00752</u>	
TOTAL	\$0.11964	\$0.12716	\$0.00752	

Unitil Energy Systems, Inc.
Typical Bill Impacts - August 1, 2011 versus November 1, 2011
Impacts do NOT include the Electricity Consumption Tax
Impact on G1 Rate Customers

<u>Load Factor</u>	<u>Average Monthly kVa</u>	<u>Average Monthly kWh</u>	<u>Total Bill Using Rates 8/1/2011</u>	<u>Total Bill Using Rates 11/1/2011</u>	<u>Total Difference</u>	<u>% Total Difference</u>
25.0%	200	36,500	\$4,659.15	\$5,048.60	\$389.45	8.4%
25.0%	400	73,000	\$9,231.20	\$10,010.11	\$778.91	8.4%
25.0%	600	109,500	\$13,803.26	\$14,971.62	\$1,168.37	8.5%
25.0%	800	146,000	\$18,375.31	\$19,933.13	\$1,557.82	8.5%
25.0%	1,000	182,500	\$22,947.37	\$24,894.64	\$1,947.28	8.5%
25.0%	1,500	273,750	\$34,377.50	\$37,298.42	\$2,920.91	8.5%
25.0%	2,000	365,000	\$45,807.64	\$49,702.19	\$3,894.55	8.5%
25.0%	2,500	456,250	\$57,237.78	\$62,105.97	\$4,868.19	8.5%
25.0%	3,000	547,500	\$68,667.92	\$74,509.74	\$5,841.83	8.5%
40.0%	200	58,400	\$6,653.58	\$7,276.71	\$623.13	9.4%
40.0%	400	116,800	\$13,220.07	\$14,466.32	\$1,246.26	9.4%
40.0%	600	175,200	\$19,786.55	\$21,655.94	\$1,869.38	9.4%
40.0%	800	233,600	\$26,353.04	\$28,845.55	\$2,492.51	9.5%
40.0%	1,000	292,000	\$32,919.53	\$36,035.17	\$3,115.64	9.5%
40.0%	1,500	438,000	\$49,335.75	\$54,009.21	\$4,673.46	9.5%
40.0%	2,000	584,000	\$65,751.97	\$71,983.25	\$6,231.28	9.5%
40.0%	2,500	730,000	\$82,168.19	\$89,957.29	\$7,789.10	9.5%
40.0%	3,000	876,000	\$98,584.41	\$107,931.33	\$9,346.92	9.5%
57.0%	200	83,220	\$8,913.94	\$9,801.89	\$887.96	10.0%
57.0%	400	166,440	\$17,740.78	\$19,516.70	\$1,775.91	10.0%
57.0%	600	249,660	\$26,567.63	\$29,231.50	\$2,663.87	10.0%
57.0%	800	332,880	\$35,394.47	\$38,946.30	\$3,551.83	10.0%
57.0%	1,000	416,100	\$44,221.32	\$48,661.10	\$4,439.79	10.0%
57.0%	1,500	624,150	\$66,288.43	\$72,948.11	\$6,659.68	10.0%
57.0%	2,000	832,200	\$88,355.54	\$97,235.12	\$8,879.57	10.0%
57.0%	2,500	1,040,250	\$110,422.66	\$121,522.13	\$11,099.47	10.1%
57.0%	3,000	1,248,300	\$132,489.77	\$145,809.13	\$13,319.36	10.1%
71.0%	200	103,660	\$10,775.41	\$11,881.46	\$1,106.05	10.3%
71.0%	400	207,320	\$21,463.72	\$23,675.83	\$2,212.10	10.3%
71.0%	600	310,980	\$32,152.04	\$35,470.20	\$3,318.16	10.3%
71.0%	800	414,640	\$42,840.35	\$47,264.56	\$4,424.21	10.3%
71.0%	1,000	518,300	\$53,528.67	\$59,058.93	\$5,530.26	10.3%
71.0%	1,500	777,450	\$80,249.46	\$88,544.85	\$8,295.39	10.3%
71.0%	2,000	1,036,600	\$106,970.25	\$118,030.77	\$11,060.52	10.3%
71.0%	2,500	1,295,750	\$133,691.04	\$147,516.70	\$13,825.65	10.3%
71.0%	3,000	1,554,900	\$160,411.83	\$177,002.62	\$16,590.78	10.3%

	<u>Rates - Effective</u> <u>August 1, 2011</u>	<u>Rates - Proposed</u> <u>November 1,</u> <u>2011</u>	<u>Difference</u>
Customer Charge	\$87.09	\$87.09	\$0.00
	<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>
Distribution Charge	\$6.25	\$6.25	\$0.00
Stranded Cost Charge	<u>(\$0.01)</u>	<u>(\$0.01)</u>	<u>\$0.00</u>
TOTAL	\$6.24	\$6.24	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>
Distribution Charge	\$0.00034	\$0.00034	\$0.00000
External Delivery Charge	\$0.01479	\$0.01479	\$0.00000
Stranded Cost Charge	(\$0.00001)	(\$0.00001)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00096	\$0.00096	\$0.00000
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000
Default Service Charge*	<u>\$0.07169</u>	<u>\$0.08236</u>	<u>\$0.01067</u>
TOTAL	\$0.09107	\$0.10174	\$0.01067

* Default Service Charges shown are based on the average of the DSC for each 3-month period.

Unitil Energy Systems, Inc.							
Typical Bill Impacts - August 1, 2011 versus November 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 8/1/2011	Total Bill Using Rates 11/1/2011	Total Difference	% Total Difference
<u>Mercury Vapor:</u>							
1	100	3,500	40	\$13.79	\$14.09	\$0.30	2.2%
2	175	7,000	67	\$18.41	\$18.91	\$0.50	2.7%
3	250	11,000	95	\$22.80	\$23.51	\$0.71	3.1%
4	400	20,000	154	\$31.16	\$32.32	\$1.16	3.7%
5	1,000	60,000	388	\$70.74	\$73.66	\$2.92	4.1%
6	250	11,000	95	\$23.80	\$24.51	\$0.71	3.0%
7	400	20,000	154	\$32.45	\$33.61	\$1.16	3.6%
8	1,000	60,000	388	\$66.87	\$69.79	\$2.92	4.4%
9	100	3,500	40	\$13.90	\$14.20	\$0.30	2.2%
10	175	7,000	67	\$17.65	\$18.15	\$0.50	2.9%
<u>High Pressure Sodium:</u>							
11	50	4,000	21	\$12.25	\$12.41	\$0.16	1.3%
12	100	9,500	43	\$15.74	\$16.06	\$0.32	2.1%
13	150	16,000	60	\$17.36	\$17.81	\$0.45	2.6%
14	250	30,000	101	\$24.46	\$25.22	\$0.76	3.1%
15	400	50,000	161	\$34.28	\$35.49	\$1.21	3.5%
16	1,000	140,000	398	\$71.21	\$74.20	\$2.99	4.2%
17	150	16,000	60	\$19.37	\$19.82	\$0.45	2.3%
18	250	30,000	101	\$25.86	\$26.62	\$0.76	2.9%
19	400	50,000	161	\$33.82	\$35.03	\$1.21	3.6%
20	1,000	140,000	398	\$71.52	\$74.51	\$2.99	4.2%
21	50	4,000	21	\$11.38	\$11.54	\$0.16	1.4%
22	100	95,000	43	\$14.73	\$15.05	\$0.32	2.2%
<u>Metal Halide:</u>							
23	175	8,800	66	\$21.90	\$22.39	\$0.50	2.3%
24	250	13,500	92	\$25.79	\$26.48	\$0.69	2.7%
25	400	23,500	148	\$31.64	\$32.75	\$1.11	3.5%
26	175	8,800	66	\$24.56	\$25.05	\$0.50	2.0%
27	250	13,500	92	\$28.53	\$29.22	\$0.69	2.4%
28	400	23,500	148	\$33.73	\$34.84	\$1.11	3.3%
29	175	8,800	66	\$20.80	\$21.29	\$0.50	2.4%
30	250	13,500	92	\$24.20	\$24.89	\$0.69	2.9%
31	400	23,500	148	\$30.54	\$31.65	\$1.11	3.6%
<u>Luminaire Charges For Year Round Service:</u>							
Rates - Effective August 1, 2011							
		<u>Mercury Vapor Rate/Mo.</u>		<u>Sodium Vapor Rate/Mo.</u>		<u>Metal Halide Rate/Mo.</u>	
Customer Charge	\$0.00	1	\$10.11	11	\$10.32	23	\$15.82
		2	\$12.24	12	\$11.78	24	\$17.32
	<u>All kWh</u>	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	\$0.01479	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	<u>\$0.07274</u>	9	\$10.22	19	\$18.99	31	\$16.91
		10	\$11.48	20	\$34.87		
TOTAL	\$0.09209			21	\$9.45		
				22	\$10.77		
Rates - Proposed November 1, 2011							
		<u>Mercury Vapor Rate/Mo.</u>		<u>Sodium Vapor Rate/Mo.</u>		<u>Metal Halide Rate/Mo.</u>	
Customer Charge	\$0.00	1	\$10.11	11	\$10.32	23	\$15.82
		2	\$12.24	12	\$11.78	24	\$17.32
	<u>All kWh</u>	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	\$0.01479	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	<u>\$0.08026</u>	9	\$10.22	19	\$18.99	31	\$16.91
		10	\$11.48	20	\$34.87		
TOTAL	\$0.09961			21	\$9.45		
				22	\$10.77		
<u>Difference</u>							
	<u>Difference</u>	<u>Mercury Vapor-Difference</u>		<u>Sodium Vapor-Difference</u>		<u>Metal Halide-Difference</u>	
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	\$0.00000	5	\$0.00	15	\$0.00	27	\$0.00
Stranded Cost Charge	\$0.00000	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>\$0.00752</u>	9	\$0.00	19	\$0.00	31	\$0.00
		10	\$0.00	20	\$0.00		
TOTAL	\$0.00752			21	\$0.00		
				22	\$0.00		
* Luminaire charges based on All-Night Service option.							