(I) CALCULATION OF THE DEFAULT SERVICE CHARGE

						As sh	own on Sche	edule LSM-2	, Page 1
	G1 Class Default Service:	<u>May-11</u>	<u>Jun-11</u>	<u>Jul-11</u>	<u>Total</u>	<u>Aug-11</u>	<u>Sep-11</u>	<u>Oct-11</u>	<u>Total</u>
1	<i>Power Supply Charge</i> Reconciliation	(\$1,238)	(\$1,208)	(\$1,421)	(\$3,867)	(\$1,346)	(\$1,268)	(\$1,219)	(\$3,832)
2	Total Costs	<u>\$382,146</u>	<u>\$339,860</u>	<u>\$410,269</u>	<u>\$1,132,275</u>	<u>\$435,863</u>	\$382,862	\$379,255	<u>\$1,197,981</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$380,908	\$338,652	\$408,848	\$1,128,408	\$434,518	\$381,595	\$378,037	\$1,194,149
4	kWh Purchases	<u>5,846,996</u>	<u>5,706,320</u>	<u>6,712,719</u>	18,266,035	<u>6,356,627</u>	<u>5,988,264</u>	5,756,164	18,101,055
5	Total, Before Losses (L.3 / L.4)	\$0.06515	\$0.05935	\$0.06091		\$0.06836	\$0.06372	\$0.06568	
6	Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>		4.591%	<u>4.591%</u>	<u>4.591%</u>	
7	Total Retail Rate - Variable Power Supply Charge $(L.5 * (1+L.6))$	\$0.06814	\$0.06207	\$0.06370		\$0.07149	\$0.06665	\$0.06869	
	Renewable Portfolio Standard (RPS) Charge					As sh	own on Sche	edule LSM-3	, Page 1
8	Reconciliation	\$3,822	\$3,730	\$4,388	\$11,939	\$4,155	\$3,914	\$3,762	\$11,831
9	Total Costs	<u>\$12,579</u>	<u>\$12,277</u>	<u>\$14,442</u>	<u>\$39,298</u>	<u>\$12,568</u>	<u>\$11,840</u>	<u>\$11,381</u>	<u>\$35,790</u>
10	Reconciliation plus Total Costs (L.8 + L.9)	\$16,401	\$16,007	\$18,830	\$51,237	\$16,723	\$15,754	\$15,144	\$47,621
11	kWh Purchases	<u>5,846,996</u>	<u>5,706,320</u>	<u>6,712,719</u>	18,266,035	<u>6,356,627</u>	<u>5,988,264</u>	<u>5,756,164</u>	18,101,055
12	Total, Before Losses (L.10 / L.11)	\$0.00281	\$0.00281	\$0.00281		\$0.00263	\$0.00263	\$0.00263	
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))	\$0.00293	\$0.00293	\$0.00293		\$0.00275	\$0.00275	\$0.00275	
15	Total Retail Rate - Variable Default Service Charge (L.7 + L.14)	\$0.07107	\$0.06500	\$0.06663		\$0.07424	\$0.06940	\$0.07144	

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

Issued: June 10March 11, 2011 Effective: AugustMay 1, 2011 Issued By: Mark H. Collin Treasurer Unitil Energy Systems, Inc.

Calculation of G1 Large General Service Class Default Service Power Supply Charge

		Aug-11	Sep-11	Oct-11	
1	Reconciliation (1)	<u>Estimated</u> (\$1,346)	<u>Estimated</u> (\$1,268)	<u>Estimated</u> (\$1,219)	<u>Total</u> (\$3,832)
2	Total Costs (Page 2)	<u>\$435,863</u>	<u>\$382,862</u>	<u>\$379,255</u>	<u>\$1,197,981</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$434,518	\$381,595	\$378,037	\$1,194,149
4	kWh Purchases	<u>6,356,627</u>	<u>5,988,264</u>	<u>5,756,164</u>	18,101,055
5	Total, Before Losses (L.3 / L.4)	\$0.06836	\$0.06372	\$0.06568	
6	Losses	<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	

(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-2 Page 2 of 2

				Calculation o	f Working Ca	pital					
			Suppl	lier Charges an	d GIS Suppor	rt Payments					
	(a)	(b)	(c)	(d) Working	(e)	(f)	(g)	(h) Internal	(i)	(j)	(k)
	Total G1 Class	GIS	Number of	Capital		Supply Related	Provision for	Company		Consulting	Total Costs
	DS Supplier	Support	Days of	Requirement		Working Capital	Uncollected	Administrative	Legal	Outside Service	e (sum a + b + f
	Charges (1)	Payments	Lag / 365	((a+b)*c)	Prime Rate	(d * e)	Accounts	Costs	Charges	Charges	+ g + h + i + j)
Aug-11	Redacted	\$55	1.48%	Redacted	3.25%	Redacted	Redacted	\$3,032	\$0	\$0	\$435,863
Sep-11	Redacted	\$52	1.48%	Redacted	3.25%	Redacted	Redacted	\$3,032	\$0	\$0	\$382,862
Oct-11	Redacted	<u>\$50</u>	1.48%	Redacted	3.25%	Redacted	Redacted	\$3,032	<u>\$0</u>	<u>\$0</u>	<u>\$379,255</u>
Total	Redacted	\$157		Redacted		Redacted	Redacted	\$9,095	\$0	\$0	\$1,197,981

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

Unitil Energy Systems, Inc.	Schedule LSM-3
Calculation of G1 Class Default Service Renewable Portfolio Standard (RPS) Charge	Page 1 of 2

		Aug-11	Sep-11	Oct-11	Takat
1	Reconciliation	Estimated \$4,155	Estimated \$3,914	Estimated \$3,762	<u>Total</u> \$11,831
2	Total Costs (Page 2)	<u>\$12,568</u>	<u>\$11,840</u>	<u>\$11,381</u>	<u>\$35,790</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$16,723	\$15,754	\$15,144	\$47,621
4	kWh Purchases	<u>6,356,627</u>	<u>5,988,264</u>	<u>5,756,164</u>	18,101,055
5	Total, Before Losses (L.3 / L.4)	\$0.00263	\$0.00263	\$0.00263	
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))	\$0.00275	\$0.00275	\$0.00275	

(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

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

			Calculati	on of Working (Capital	
	(a)	(b)	(c)	(d)	(e)	(f)
		Number of	Working			
	Renewable Energy Credits	Days of Lag /	Capital Requirement		Supply Related Working	
-	(1)	365	(a*b)	Prime Rate	Capital (c * d)	Total Costs (sum a + e)
Aug-11	\$12,930	(86.12%)	(\$11,135)	3.25%	(\$362)	\$12,568
Sep-11	\$12,181	(86.12%)	(\$10,490)	3.25%	(\$341)	\$11,840
Oct-11	<u>\$11,709</u>	(86.12%)	<u>(\$10,083)</u>	3.25%	<u>(\$328)</u>	<u>\$11,381</u>
Total	\$36,820		(\$31,708)		(\$1,030)	\$35,790

(1) Schedule RSF-4.

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Schedule LSM-4 Page 1 of 3

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

	Large Gene	eral - G1 550 k	Va, 200,000 k	Wh Typical Bil	L		
	5/1/2011	8/1/2011					% Difference to
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$87.09	\$87.09	\$0.00	\$87.09	\$87.09	\$0.00	0.0%
	<u>All kVa</u>	<u>All kVa</u>	*	* - <i>·</i>	A- - - - - -	A A A A	
Distribution Charge	\$6.25	\$6.25	\$0.00	\$3,437.50	\$3,437.50	\$0.00	0.0%
Stranded Cost Charge	<u>\$0.34</u> \$6.59	<u>\$0.34</u> \$6.59	<u>\$0.00</u> \$0.00	<u>\$187.00</u> \$2.624.50	<u>\$187.00</u> \$2,624,50	<u>\$0.00</u> \$0.00	<u>0.0%</u> 0.0%
Total	Ф 0.09	40.59	Ф 0.00	\$3,624.50	\$3,624.50	Ф 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	\$0.01688	\$0.01688	\$0.00000	\$3,376.00	\$3,376.00	\$0.00	0.0%
Stranded Cost Charge	\$0.00041	\$0.00041	\$0.00000	\$82.00	\$82.00	\$0.00	0.0%
Storm Recovery Adjustment	\$0.00096	\$0.00096	\$0.00000	\$192.00	\$192.00	\$0.00	0.0%
System Benefits Charge	\$0.00330	\$0.00330	\$0.00000	\$660.00	\$660.00	\$0.00	0.0%
Default Service Charge	<u>\$0.06757</u>	<u>\$0.07169</u>	<u>\$0.00412</u>	<u>\$13,514.00</u>	<u>\$14,338.00</u>	<u>\$824.00</u>	<u>3.8%</u>
Total	\$0.08946	\$0.09358	\$0.00412	\$17,892.00	\$18,716.00	\$824.00	3.8%
Total Bill				\$21,603.59	\$22,427.59	\$824.00	3.8%

* Impacts do not include the Electricity Consumption Tax.

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Unitil Energy Systems, Inc. Typical Bill Impacts - May 1, 2011 versus August 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G1 Rate Customers										
Load Factor	Average Monthly <u>kVa</u>	Average Monthly <u>kWh</u>	Total Bill Using Rates <u>5/1/2011</u>	Total Bill Using Rates <u>8/1/2011</u>	Total <u>Difference</u>	% Total <u>Differenc</u>				
25.0%	200	36,500	\$4,670.38	\$4,820.76	\$150.38	3.2%				
25.0%	400	73,000	\$9,253.67	\$9,554.43	\$300.76	3.3%				
25.0%	600	109,500	\$13,836.96	\$14,288.10	\$451.14	3.3%				
25.0%	800	146,000	\$18,420.25	\$19,021.77	\$601.52	3.3%				
25.0%	1,000	182,500	\$23,003.54	\$23,755.44	\$751.90	3.3%				
25.0%	1,500	273,750	\$34,461.77	\$35,589.62	\$1,127.85	3.3%				
25.0%	2,000	365,000	\$45,919.99	\$47,423.79	\$1,503.80	3.3%				
25.0%	2,500	456,250	\$57,378.22	\$59,257.97	\$1,879.75	3.3%				
25.0%	3,000	547,500	\$68,836.44	\$71,092.14	\$2,255.70	3.3%				
40.0%	200	58,400	\$6,629.55	\$6,870.16	\$240.61	3.6%				
40.0%	400	116,800	\$13,172.02	\$13,653.23	\$481.22	3.7%				
40.0%	600	175,200	\$19,714.48	\$20,436.31	\$721.82	3.7%				
40.0%	800	233,600	\$26,256.95	\$27,219.38	\$962.43	3.7%				
40.0%	1,000	292,000	\$32,799.41	\$34,002.45	\$1,203.04	3.7%				
40.0%	1,500	438,000	\$49,155.57	\$50,960.13	\$1,804.56	3.7%				
40.0%	2,000	584,000	\$65,511.73	\$67,917.81	\$2,406.08	3.7%				
40.0%	2,500	730,000	\$81,867.89	\$84,875.49	\$3,007.60	3.7%				
40.0%	3,000	876,000	\$98,224.05	\$101,833.17	\$3,609.12	3.7%				
57.0%	200	83,220	\$8,849.95	\$9,192.82	\$342.87	3.9%				
57.0%	400	166,440	\$17,612.81	\$18,298.55	\$685.73	3.9%				
57.0%	600	249,660	\$26,375.67	\$27,404.27	\$1,028.60	3.9%				
57.0%	800	332,880	\$35,138.53	\$36,510.00	\$1,371.47	3.9%				
57.0%	1,000	416,100	\$43,901.40	\$45,615.73	\$1,714.33	3.9%				
57.0%	1,500	624,150	\$65,808.55	\$68,380.05	\$2,571.50	3.9%				
57.0%	2,000	832,200	\$87,715.70	\$91,144.37	\$3,428.66	3.9%				
57.0%	2,500	1,040,250	\$109,622.86	\$113,908.69	\$4,285.83	3.9%				
57.0%	3,000	1,248,300	\$131,530.01	\$136,673.00	\$5,143.00	3.9%				
71.0%	200	103,660	\$10,678.51	\$11,105.59	\$427.08	4.0%				
71.0%	400	207,320	\$21,269.94	\$22,124.10	\$854.16	4.0%				
71.0%	600	310,980	\$31,861.36	\$33,142.60	\$1,281.24	4.0%				
71.0%	800	414,640	\$42,452.78	\$44,161.10	\$1,708.32	4.0%				
71.0%	1,000	518,300	\$53,044.21	\$55,179.60	\$2,135.40	4.0%				
71.0%	1,500	777,450	\$79,522.77	\$82,725.86	\$3,203.09	4.0%				
71.0%	2,000	1,036,600	\$106,001.33	\$110,272.12	\$4,270.79	4.0%				
71.0%	2,500	1,295,750	\$132,479.89	\$137,818.38	\$5,338.49	4.0%				
71.0%	3,000	1,554,900	\$158,958.44	\$165,364.63	\$6,406.19	4.0%				
			Rates - Effective May 1, 2011	Rates - Proposed August 1, 2011	Difference					
	Customer Charge		\$87.09	\$87.09	\$0.00					
			<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>					
	Distribution Cha	•	\$6.25	\$6.25	\$0.00					
	Stranded Cost C	Charge	<u>\$0.34</u>	<u>\$0.34</u>	<u>\$0.00</u>					
	TOTAL		\$6.59	\$6.59	\$0.00					
			<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>					
	Distribution Cha		\$0.00034	\$0.00034	\$0.00000					
	External Deliver	, 0	\$0.01688	\$0.01688	\$0.00000					
	Stranded Cost C	0	\$0.00041	\$0.00041	\$0.00000					
	Storm Recovery		\$0.00096	\$0.00096	\$0.00000					
	System Benefits		\$0.00330	\$0.00330	\$0.00000					
	Default Service	Charge*	<u>\$0.06757</u>	<u>\$0.07169</u>	<u>\$0.00412</u>					
	TOTAL		\$0.08946	\$0.09358	\$0.00412					

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Unitil Energy Systems, Inc. Typical Bill Impacts - August 1, 2010 versus August 1, 2011 Impacts do NOT include the Electricity Consumption Tax Impact on G1 Rate Customers										
Load Factor	Average Monthly <u>kVa</u>	Average Monthly <u>kWh</u>	Total Bill Using Rates <u>8/1/2010</u>	Total Bill Using Rates <u>8/1/2011</u>	Total <u>Difference</u>	% Total <u>Differenc</u>				
25.0%	200	36,500	\$4,670.67	\$4,820.76	\$150.09	3.2%				
25.0%	400	73,000	\$9,232.48	\$9,554.43	\$321.95	3.5%				
25.0%	600	109,500	\$13,794.29	\$14,288.10	\$493.81	3.6%				
25.0%	800	146,000	\$18,356.10	\$19,021.77	\$665.67	3.6%				
25.0%	1,000	182,500	\$22,917.91	\$23,755.44	\$837.53	3.7%				
25.0%	1,500	273,750	\$34,322.44	\$35,589.62	\$1,267.18	3.7%				
25.0%	2,000	365,000	\$45,726.96	\$47,423.79	\$1,696.83	3.7%				
25.0%	2,500	456,250	\$57,131.49	\$59,257.97	\$2,126.48	3.7%				
25.0%	3,000	547,500	\$68,536.01	\$71,092.14	\$2,556.13	3.7%				
40.0%	200	58,400	\$6,684.16	\$6,870.16	\$186.01	2.8%				
40.0%	400	116,800	\$13,259.45	\$13,653.23	\$393.78	3.0%				
40.0%	600	175,200	\$19,834.75	\$20,436.31	\$601.56	3.0%				
40.0%	800	233,600	\$26,410.04	\$27,219.38	\$809.33	3.1%				
40.0%	1,000	292,000	\$32,985.34	\$34,002.45	\$1,017.11	3.1%				
40.0%	1,500	438,000	\$49,423.58	\$50,960.13	\$1,536.55	3.1%				
40.0%	2,000	584,000	\$65,861.82	\$67,917.81	\$2,055.99	3.1%				
40.0%	2,500	730,000	\$82,300.06	\$84,875.49	\$2,575.43	3.1%				
40.0%	3,000	876,000	\$98,738.30	\$101,833.17	\$3,094.87	3.1%				
57.0%	200	83,220	\$8,966.11	\$9,192.82	\$226.71	2.5%				
57.0%	400	166,440	\$17,823.35	\$18,298.55	\$475.19	2.7%				
57.0%	600	249,660	\$26,680.60	\$27,404.27	\$723.67	2.7%				
57.0%	800	332,880	\$35,537.85	\$36,510.00	\$972.15	2.7%				
57.0%	1,000	416,100	\$44,395.09	\$45,615.73	\$1,220.63	2.7%				
57.0%	1,500	624,150	\$66,538.21	\$68,380.05	\$1,841.84	2.8%				
57.0%	2,000	832,200	\$88,681.33	\$91,144.37	\$2,463.04	2.8%				
57.0%	2,500	1,040,250	\$110,824.45	\$113,908.69	\$3,084.24	2.8%				
57.0%	3,000	1,248,300	\$132,967.56	\$136,673.00	\$3,705.44	2.8%				
71.0%	200	103,660	\$10,845.36	\$11,105.59	\$260.23	2.4%				
71.0%	400	207,320	\$21,581.86	\$22,124.10	\$542.23	2.5%				
71.0%	600	310,980	\$32,318.36	\$33,142.60	\$824.24	2.6%				
71.0%	800	414,640	\$43,054.86	\$44,161.10	\$1,106.24	2.6%				
71.0%	1,000	518,300	\$53,791.36	\$55,179.60	\$1,388.24	2.6%				
71.0%	1,500	777,450	\$80,632.61	\$82,725.86	\$2,093.25	2.6%				
71.0%	2,000	1,036,600	\$107,473.86	\$110,272.12	\$2,798.25	2.6%				
71.0%	2,500	1,295,750	\$134,315.12	\$137,818.38	\$3,503.26	2.6%				
71.0%	3,000	1,554,900	\$161,156.37	\$165,364.63	\$4,208.27	2.6%				
			Rates Effective	Rates Proposed	D ''					
			August 1, 2010	August 1, 2011	Difference					
	Customer Ch	arge	\$108.86	\$87.09	(\$21.77)					
			<u>All kVA</u>	<u>All kVA</u>	<u>All kVA</u>					
	Distribution C	0	\$5.69	\$6.25	\$0.56					
	Stranded Cos	st Charge	<u>\$0.34</u>	<u>\$0.34</u>	<u>\$0.00</u>					
	TOTAL		\$6.03	\$6.59	\$0.56					
			<u>All kWh</u>	<u>All kWh</u>	<u>All kWh</u>					
	Distribution C	harge	\$0.00438	\$0.00034	(\$0.00404)					
	External Deliv	very Charge	\$0.01688	\$0.01688	\$0.00000					
	Stranded Cos	st Charge	\$0.00041	\$0.00041	\$0.00000					
		ery Adjustment	\$0.00000	\$0.00096	\$0.00096					
	System Bene	fits Charge	\$0.00330	\$0.00330	\$0.00000					
	Default Servio	ce Charge*	\$0.06697	\$0.07169	\$0.00472					
	TOTAL	-	\$0.09194	\$0.09358	\$0.00164					