Unitil Energy Systems Calculation of Changes in Non-REP Net Plant In Service

(Thousand of Dollars)

	Actuals At 12/31/2011			
Plant Account	Account Description	Total Plant	Accumulated Reserve	Net Book Value
105-00	Plant Held for Future Use	763	-	763
301-00	Organization-E	0		0
303-00	Intangible Software-5 Yea-E	1,318	690	628
303-01	Intangible Software-3 Yea-E	82	80	2
343-00	PRIME MOVERS-E	56	2	54
360-01	ROW - Distribution-E	227	-	227
360-02	ROW - Distribution-E	1,659	-	1,659
361-00	Distribution Structures-E	168	127	41
362-00	Distribution Station Equi-E	21,152	5,506	15,646
364-00	Distribution Poles, Tower-E	42,933	17,820	25,113
365-00	Distribution Overhead Con-E	56,363	17,318	39,045
366-00	Distribution Underground -E	1,554	478	1,076
367-00	Distribution Underground -E	15,238	5,607	9,630
368-00	Distribution Line Transfo-E	20,594	7,158	13,436
368-01	Transformer Installations-E	13,012	2,562	10,450
369-00	Distribution Services-E	17,038	9,519	7,519
370-00	Distribution Meters-E	9,043	737	8,306
370-01	Meter Installation-E	3,291	(2,446)	5,737
371-00	Installations on Customer-E	1,318	350	968
373-00	Street Lights & Signal Sy-E	2,975	1,197	1,778
373-01	Street Lights & Signal Sy-E	-	-	-
389-00	General & Misc. Land-E	19	-	19
390-00	Structures-E	3,764	1,743	2,021
391-01	Office Furniture & Fixtur-E	1,077	148	929
391-03	Computer Equipment-E	8	9	(1)
392-00	Transportation Equipment-E	1,806	1,626	180
393-00	Stores Equipment-E	91	58	33
394-00	Tools, Shop and garage Eq-E	1,385	523	861
395-00	Laboratory Equipment-E	517	235	283
397-00	Communication Equipment-E	3,642	2,127	1,515
398-00	Miscellaneous Equipment-E	113	67	47
399-00	Other Intangible Plant-E	1,667	1,666	1
	Additional Wind Storm Costs	-	-	-
	Total	\$222,872	\$74,907	\$147,965

Unitil Energy Systems Calculation of Changes in Non-REP Net Plant In Service

(Thousand of Dollars)

	Actuals At 12/31/2010			
Plant Account	Account Description	Total Plant	Accumulated Reserve	Net Book Value
105-00	Plant Held for Future Use	763	-	763
301-00	Organization-E	0	-	0
303-00	Intangible Software-5 Yea-E	788	557	231
303-01	Intangible Software-3 Yea-E	80	80	-
343-00	PRIME MOVERS-E	56	1	55
360-01	ROW - Distribution-E	226	-	226
360-02	ROW - Distribution-E	1,348	-	1,348
361-00	Distribution Structures-E	168	122	45
362-00	Distribution Station Equi-E	17,937	5,109	12,829
364-00	Distribution Poles, Tower-E	41,266	16,857	24,409
365-00	Distribution Overhead Con-E	53,770	16,892	36,877
366-00	Distribution Underground -E	1,480	464	1,016
367-00	Distribution Underground -E	14,725	5,357	9,368
368-00	Distribution Line Transfo-E	20,699	6,651	14,048
368-01	Transformer Installations-E	12,896	2,277	10,619
369-00	Distribution Services-E	16,539	8,836	7,703
370-00	Distribution Meters-E	9,114	411	8,703
370-01	Meter Installation-E	3,270	(2,568)	5,838
371-00	Installations on Customer-E	1,341	402	940
373-00	Street Lights & Signal Sy-E	3,037	1,093	1,944
373-01	Street Lights & Signal Sy-E	-	-	-
389-00	General & Misc. Land-E	19	-	19
390-00	Structures-E	3,671	1,667	2,005
391-01	Office Furniture & Fixtur-E	1,059	86	972
391-03	Computer Equipment-E	8	9	(1)
392-00	Transportation Equipment-E	1,806	1,533	273
393-00	Stores Equipment-E	91	55	36
394-00	Tools, Shop and garage Eq-E	1,276	477	799
395-00	Laboratory Equipment-E	489	215	274
397-00	Communication Equipment-E	3,482	1,907	1,575
398-00	Miscellaneous Equipment-E	152	61	90
399-00	Other Intangible Plant-E	1,688	1,661	27
	Additional Wind Storm Costs	265	-	265
	Total	\$213,510	\$70,213	\$143,297

Unitil Energy Systems Calculation of Changes in Non-REP Net Plant In Service

(Thousand of Dollars)

C	Change Between Periods			
Plant Account	Account Description	Total Plant	Accumulated Reserve	Net Book Value
105-00	Plant Held for Future Use	-	-	-
301-00	Organization-E	-	-	-
303-00	Intangible Software-5 Yea-E	530	133	397
303-01	Intangible Software-3 Yea-E	2	0	2
343-00	PRIME MOVERS-E	-	1	(1)
360-01	ROW - Distribution-E	1	1	1
360-02	ROW - Distribution-E	311	-	311
361-00	Distribution Structures-E	-	4	(4)
362-00	Distribution Station Equi-E	3,215	397	2,818
364-00	Distribution Poles, Tower-E	1,667	963	704
365-00	Distribution Overhead Con-E	2,593	425	2,167
366-00	Distribution Underground -E	74	15	60
367-00	Distribution Underground -E	513	250	263
368-00	Distribution Line Transfo-E	(105)	507	(612)
368-01	Transformer Installations-E	116	285	(169)
369-00	Distribution Services-E	499	683	(185)
370-00	Distribution Meters-E	(71)	326	(398)
370-01	Meter Installation-E	21	121	(101)
371-00	Installations on Customer-E	(23)	(51)	28
373-00	Street Lights & Signal Sy-E	(62)	104	(166)
373-01	Street Lights & Signal Sy-E	-	1	1
389-00	General & Misc. Land-E	-	ı	1
390-00	Structures-E	93	77	16
391-01	Office Furniture & Fixtur-E	18	62	(44)
391-03	Computer Equipment-E	-	-	-
392-00	Transportation Equipment-E	-	93	(93)
393-00	Stores Equipment-E	-	3	(3)
394-00	Tools, Shop and garage Eq-E	108	46	62
395-00	Laboratory Equipment-E	28	20	9
397-00	Communication Equipment-E	160	220	(60)
398-00	Miscellaneous Equipment-E	(38)	6	(44)
399-00	Other Intangible Plant-E	(21)	5	(26)
	Additional Wind Storm Costs	(265)	-	(265)
	Total	\$9,362	\$4,694	\$4,668

Less: REP Projects							
705							
652							
0							
54							
3.							
33							
33							
\$1,444							

Adjusted Net Book Va	alue
	-
	-
	397
	2
	(1)
	1
	311
	(4)
	2,818
	(1)
	1,516
	60
	263
	(612)
	(169)
	(238)
	(398)
	(101)
	(5)
	(166)
	-
	-
	16
	(44)
	(93)
	(3)
	62
	9
	(60)
	(44)
	(26)
	(265)
	\$3,224

Plant Additions for REP Projects

			Sewalls Falls	N Main St.,						remove cap					replace cut		
	Distribution	Distribution	Rd., Concord	- Penacook Cir	Install	Install	Install	Install	Install	bank install	P 75/161	Main St /		Pond St /	outs & dead		
	Pole	Pole	Install 3	4X1	recloser at 22	recloser at 23	recloser at 18	3 recloser at	recloser at 1	5 fusing on	installed cut	Highland Ave	Whittier St	Marcoux Rd	ends /	Thornell Rd	
Project Name	Replacement	t Replacement	t Reclosers	Extension	X 1	X 1	X 1	5H2	X 1	circiut 2H1	out	Newton	Newton	Newton	Hampton	Newton	REP Projects
	C-1013	E-1036	C-1077	C-1069	E-0254	E-0256	E-0264	E-0255	E-1046	E-1000-0107	E-1000-0094	E-1000-0104	E-1000-0105	E-1000-0106	E-1000-0125	E-1000-0074	Total Additions
Plant Account																	
364-00	287,451	257,203	16,501	22,068	701	4,316	855	803	639	182		1,717	3,138				595,574
365-00	36,447	91,616	12,280	18,696	102,192	91,375	88,451	61,123	60,456	3,881	1,242	4,819	4,214	2,166	2,767	2,708	584,434
366-00		24															24
369-00		39,660)														39,660
371-00		2,086	i					28,204									30,289
Totals	323,898	390,589	28,780	40,764	102,893	95,691	89,306	90,130	61,095	4,063	1,242	6,537	7,352	2,166	2,767	2,708	1,249,981

Depreciation calculation on REP projects

Close Date		Nov-11	Nov-11	Dec-11	Dec-11	Dec-11	Dec-11	Dec-11	Dec-11	Dec-11	Nov-11	Dec-11	Dec-11	Oct-11	Oct-11	Dec-11	Jun-11	Total Depreciation
Depreciation Months		2	2	1	1	1	1	1	1	1	2	1	1	3	3	1	7	
Utility Account																		
364-00	3.80%	1,821	1,629	52	70	2	14	3	3	2	1	-	5	30	-	-	-	3,631
365-00	3.74%	227	571	38	58	318	285	276	191	188	24	4	15	39	20	9	59	2,323
366-00	2.09%	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
369-00	5.83%	-	385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	385
371-00	7.79%	-	27	-	-	-	-	-	183	-	-	-	-	-	-	-	-	210
Total Depreciation	-	2,048	2,613	91	128	321	298	278	376	190	25	4	20	69	20	9	59	6,550
Cost of removal		52,359	98,448	_	-	1,660	6.493	4.701	4,743	3,199	6,205	_	8,053	8,863	2,731	4.219	1,685	203,357
Salvage		(417)	(1,149)		(36)	(11)		,	(11)	(321)	(775)		-,	-,			,	(2,720)
Total COR & Salvage	-	51,943	97,299	-	(36)	1,649	6,493	4,701	4,732	2,877	5,430	-	8,053	8,863	2,731	4,219	1,685	
Net Project Cost	=	373,793	485,275	28,690	40,600	104,222	101,885	93,729	94,486	63,782	9,468	1,238	14,569	16,145	4,877	6,978	4,333	1,444,069

Net Book: REP Projects

	1,444,069
371-00	33,391
369-00	53,626
366-00	27
365-00	651,632
364-00	705,391

Unitil Energy Systems, Inc. May 1, 2012 Step Adjustment Revenue Requirement

Starting Step Date	5/1/2012
Non-REP Plant Additions Step Adjustment	2011
Beginning Non-REP Net Plant in Service (January 1)	143,296,706
Non-REP Plant Additions	8,112,186
Less: Non-REP Depreciation	4,888,113
Ending Non-REP Net Plant in Service (December 31)	146,520,778
Change in Non-REP Plant in Service	3,224,073
75% of Change in Non-REP Net Plant in Service	2,418,055
75% of Change in Non-REP Net Plant in Service	2,418,055
Rate of Return	8.39%
Operating Income Requirement	202,875
Tax Gross Up	1.6814
Return	341,109
Depreciation on 75% of Non-REP Plant Additions (3.84%)	233,631
Property Taxes on 75% Change in Non-REP Net Plant in Service (1.81%)	43,767
Total Non-REP Step Adjustment Revenue Requirement	618,507
REP Plant Additions Step Adjustment	
Beginning REP Net Plant in Service (January 1)	_
REP Plant Additions	1,249,981
Less: REP Depreciation	(194,088)
Ending REP Net Plant in Service (December 31)	1,444,069
Change in REP Net Plant in Service	1,444,069
Rate of Return	8.39%
Operating Income Requirement	121,157
Tax Gross Up	1.6814
Return	203,711
Depreciation on REP Plant Additions (3.84%)	47,999
Property Taxes on Change in REP Net Plant in Service (1.81%)	26,138
Total REP Step Adjustment Revenue Requirement	277,848
Other Step Adjustments REP Expense	300,000
VMP Spending	950,000
VMP Reconciliation ⁽¹⁾	9,776
NH VMP Storm Hardening Pilot ⁽²⁾	
Subtotal	535,000 1,794,776
Recoupment	(1,210,494)
Rate Case Expense Adjustment ⁽³⁾	(11,334)
Subtotal	(1,221,828)
Grand Total Step Adjustment Revenue Requirement	1,469,304

⁽¹⁾ To reconcile actual spending and rate recovery from 7/1/2010 to 12/31/2011. This total includes the amount that was paid by Fairpoint for O&M related tree trimming from 7/1/2010 to 12/31/2011.

⁽²⁾ One time project that will be removed in the May 1, 2013 step adjustment.

⁽³⁾ Credit of \$11,334 to reflect the difference between the rate case expense of \$406,031 included in rates and the amount of \$394,697 from the May 23, 2011 Final Audit Report in DE 10-055.

Unitil Energy Systems, Inc. Rate Design Calculations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Current Rates (including Rate Case		Current Rates	Current Revenue		Step 2	Step 2	
		Expense and		less Rate Case	less Rate		Adjustment	Adjustment	
		DER Step	Current	Expense @	Case	Percent	Rates	Revenue	Percent
	Billing Units	Adjustment)	Revenue	\$0.00034/kWh	Expense	Change	May 1, 2012	May 1, 2012	Change
Residential - D									
Test Year Consumers	763,694	\$10.27	\$7,843,138	\$10.27	\$7,843,138		\$10.27	\$7,843,138	
First 250 kWh	172,809,013	\$0.02750	\$4,752,248	\$0.02716	\$4,693,493		\$0.02894	\$5,000,334	
Excess kWh	307,829,586	\$0.03250	\$10,004,462	\$0.03216	\$9,899,799		\$0.03394	\$10,446,385	
Total Design Revenue			\$22,599,847		\$22,436,430	-0.72%		\$23,289,857	3.80%
Small General Service - G2 kWh									
Test Year Consumers	6,691	\$12.50	\$83,638	\$12.50	\$83,638		\$12.85	\$85,980	
Annual kWh	774,710	\$0.02910	\$22,544	\$0.02876	\$22,281		\$0.02957	\$22,906	
Total Design Revenue			\$106,182		\$105,918	-0.25%		\$108,885	2.80%
Small General Service - G2 QR WH / Sh									
Test Year Consumers	3,831	\$5.60	\$21,454	\$5.60	\$21,454		\$5.76	\$22,067	
Annual kWh	6,204,726	\$0.02789	\$173,050	\$0.02755	\$170,940		\$0.02832	\$175,717	
Total Design Revenue			\$194,504		\$192,394	-1.08%		\$197,784	2.80%
Small General Service - G2 Demand			A	*					
Test Year Consumers	118,727	\$16.50	\$1,958,990	\$16.50	\$1,958,990		\$16.96	\$2,013,604	
Demand kW	1,301,458		\$12,025,474	\$9.24	\$12,025,474		\$9.50	\$12,362,052	
Annual kWh	333,296,033	\$0.00034	\$113,321	\$0.00000	\$0		\$0.00000	\$0	
Total Design Revenue			\$14,097,784		\$13,984,464	-0.80%		\$14,375,656	2.80%
G2 Demand - kW Transformer Ownersh		(\$0.00)	# 40.770	(\$0.00)	#40.770		(\$0.00)	040 770	
Test Year kW	50,700	(\$0.39)	-\$19,773	(\$0.39)	-\$19,773	0.000/	(\$0.39)	-\$19,773	0.000/
Total Design Revenue			-\$19,773		-\$19,773	0.00%		-\$19,773	0.00%
Subtotal G2 Demand inc. Transformer	Ownership Discount	ł	£4.4.070.044		£40.004.004	-0.80%		Φ4.4.0EE.000	2.80%
Total Design Revenue			\$14,078,011		\$13,964,691	-0.80%		\$14,355,883	2.80%
Large General Service - G1 Test Year Consumers Secondary	1,382	\$87.09	\$120,358	\$87.09	\$120,358		\$89.53	\$123,730	
,	432	•		*	. ,		*	. ,	
Test Year Consumers Primary Demand kVA	432 989.158	*	\$22,296 \$6,182,236	\$51.61 \$6.25	\$22,296 \$6,182,236		\$53.06 \$6.42	\$22,922 \$6,350,907	
Annual kWh	989,158 347,650,754	*	\$6,182,236	\$0.0000	\$6,182,236		\$0.0000	\$6,350,907	
Total Design Revenue	347,000,754	φυ.υυυ34	\$6,443,091	φυ.υυυ00	\$6,324,890	-1.83%	φυ.υυυυυ	\$6,497,560	
ŭ			φ0,443,091		φ0,3 ∠ 4,690	-1.03%		φ 0,49 1,360	2.13%
G1 - kVA Transformer Ownership Disco Test Year kVA	ount 412,729	(\$0.39)	-\$160,964	(\$0.39)	-\$160,964		(\$0.39)	-\$160,964	
Total Design Revenue	412,729	(\$0.39)	-\$160,964	(\$0.39)	-\$160,964	0.00%	(\$0.39)	-\$160,964	0.00%
ŭ			-p100,964		-p 10U,904	0.00%		-a 100,964	0.00%
Subtotal G1 inc. Transformer Ownersh Total Design Revenue	ip Discount		\$6,282,127		\$6,163,926	-1.88%		\$6,336,595	2.80%
Total Design Revenue			φ0,∠0∠, 1∠/		φ0, 103,926	-1.00%		φ 0 ,33 0 ,395	2.00%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Billing Units	Current Rates (including Rate Case Expense and DER Step Adjustment)	Current Revenue	Current Rates less Rate Case Expense @ \$0.00034/kWh	Current Revenue less Rate Case Expense	Percent Change	Rates	Step 2 Adjustment Revenue May 1, 2012	Percent Change
Outdoor Lighting - OL									
Delivery charge - Annual kWh	8,988,739	\$0.00034	\$3,056	\$0.00000	\$0		\$0.00000	\$0	
Fixture revenue									
100W Mercury Vapor Street	21,269	\$10.11	\$215,030	\$10.11	\$215,030		\$10.39	\$221,053	
175W Mercury Vapor Street	1,155	\$12.24	\$14,137	\$12.24	\$14,137		\$12.58	\$14,533	
250W Mercury Vapor Street	1,415	\$14.05	\$19,881	\$14.05	\$19,881		\$14.44	\$20,438	
400W Mercury Vapor Street	3,578	\$16.98	\$60,754	\$16.98	\$60,754		\$17.46	\$62,456	
1000W Mercury Vapor Street	60	\$35.01	\$2,101	\$35.01	\$2,101		\$35.99	\$2,159	
250W Mercury Vapor Flood	1,085	\$15.05	\$16,329	\$15.05	\$16,329		\$15.47	\$16,787	
400W Mercury Vapor Flood	2,344	\$18.27	\$42,825	\$18.27	\$42,825		\$18.78	\$44,025	
1000W Mercury Vapor Flood	783	\$31.14	\$24,383	\$31.14	\$24,383		\$32.01	\$25,066	
100W Mercury Vapor Power Bracket	6,406	\$10.22	\$65,469	\$10.22	\$65,469		\$10.51	\$67,303	
175W Mercury Vapor Power Bracket	1,072	\$11.48	\$12,307	\$11.48	\$12,307		\$11.80	\$12,651	
50W Sodium Vapor Street	37,978	\$10.32	\$391,933	\$10.32	\$391,933		\$10.61	\$402,912	
100W Sodium Vapor Street	1,067	\$11.78	\$12,569	\$11.78	\$12,569		\$12.11	\$12,921	
150W Sodium Vapor Street	4,510	\$11.83	\$53,353	\$11.83	\$53,353		\$12.16	\$54,848	
250W Sodium Vapor Street	11,866	\$15.16	\$179,889	\$15.16	\$179,889		\$15.58	\$184,928	
400W Sodium Vapor Street	3,084	\$19.45	\$59,984	\$19.45	\$59,984		\$19.99	\$61,664	
1000W Sodium Vapor Street	1,685	\$34.56	\$58,234	\$34.56	\$58,234		\$35.53	\$59,865	
150W Sodium Vapor Flood	2,834	\$13.84	\$39,223	\$13.84	\$39,223		\$14.23	\$40,321	
250W Sodium Vapor Flood	3,397	\$16.56	\$56,254	\$16.56	\$56,254		\$17.02	\$57,830	
400W Sodium Vapor Flood	4,910	\$18.99	\$93,241	\$18.99	\$93,241		\$19.52	\$95,853	
1000W Sodium Vapor Flood	3,519	\$34.87	\$122,708	\$34.87	\$122,708		\$35.85	\$126,145	
50W Sodium Vapor Power Bracket	1,153	\$9.45	\$10,896	\$9.45	\$10,896		\$9.71	\$11,201	
100W Sodium Vapor Power Bracket	649	\$10.77	\$6,990	\$10.77	\$6,990		\$11.07	\$7,186	
175W Metal Halide Street	0	\$15.82	\$0	\$15.82	\$0		\$16.26	\$0	
250W Metal Halide Street	0	\$17.32	\$0	\$17.32	\$0		\$17.81	\$0	
400W Metal Halide Street	0	\$18.01	\$0	\$18.01	\$0		\$18.51	\$0	
175W Metal Halide Flood	0	\$18.48	\$0	\$18.48	\$0		\$19.00	\$0	
250W Metal Halide Flood	0	\$20.06	\$0	\$20.06	\$0		\$20.62	\$0	
400W Metal Halide Flood	0	\$20.10	\$0	\$20.10	\$0		\$20.66	\$0	
175W Metal Halide Power Bracket	0	\$14.72	\$0	\$14.72	\$0		\$15.13	\$0	
250W Metal Halide Power Bracket	0	\$15.73	\$0	\$15.73	\$0		\$16.17	\$0	
400W Metal Halide Power Bracket	0	\$16.91	<u>\$0</u>	\$16.91	\$0		\$17.38	<u>\$0</u>	
Total Design Revenue			\$1,561,544		\$1,558,488	-0.20%		\$1,602,145	2.80%
Total Design Revenue Total Billed kWh Total Billed kW/kVA	1,177,553,561 2,290,616		\$44,822,215		\$44,421,847			\$45,891,150	
Step 2 Adjustment Overall Percentage Change								\$1,469,304 3.31%	
Residential Step Adjustment Percentage In	ncrease over prior ve	ar (115% of ove	rall)					3.80%	
Non-residential Step Adjustment Percentage		,	•					2.80%	

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers

Average <u>kWh</u>	Total Bill Using Rates <u>Effective 11/1/2011</u>	Total Bill Using Rates <u>Proposed 5/1/2012</u>	Total <u>Difference</u>	% Total <u>Difference</u>
125	\$26.12	\$26.30	\$0.18	0.7%
250	\$41.96	\$42.32	\$0.36	0.9%
500	\$74.91	\$75.63	\$0.72	1.0%
600	\$88.08	\$88.95	\$0.86	1.0%
750	\$107.85	\$108.93	\$1.08	1.0%
1,000	\$140.79	\$142.23	\$1.44	1.0%
1,250	\$173.73	\$175.53	\$1.80	1.0%
1,500	\$206.68	\$208.84	\$2.16	1.0%
2,000	\$272.56	\$275.44	\$2.88	1.1%
3,500	\$470.22	\$475.26	\$5.04	1.1%
5,000	\$667.87	\$675.07	\$7.20	1.1%

		Rates - Effective 11/1/2011	Rates - Proposed 5/1/2012	Difference
Customer Charge		\$10.27	\$10.27	\$0.00
		<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Cha	arge: First 250 kWh	\$0.02750	\$0.02894	\$0.00144
	Excess 250 kWh	\$0.03250	\$0.03394	\$0.00144
External Delive	ry Charge	\$0.01479	\$0.01479	\$0.00000
Stranded Cost	Charge	(\$0.00004)	(\$0.00004)	\$0.00000
Storm Recover	y Adjustment Factor	\$0.00096	\$0.00096	\$0.00000
System Benefit	s Charge	\$0.00330	\$0.00330	\$0.00000
Default Service	Charge	<u>\$0.08026</u>	<u>\$0.08026</u>	\$0.00000
TOTAL	First 250 kWh	\$0.12677	\$0.12821	\$0.00144
	Excess 250 kWh	\$0.13177	\$0.13321	\$0.00144

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment Impacts do NOT include the Electricity Consumption Tax Impact on G2 Rate Customers

Load <u>Factor</u>	Average Monthly <u>kW</u>	Average Monthly <u>kWh</u>	Total Bill Using Rates <u>Effective 11/1/2011</u>	Total Bill Using Rates <u>Proposed 5/1/2012</u>	Total <u>Difference</u>	% Total <u>Difference</u>
20%	5	730	\$135.39	\$136.90	\$1.51	1.1%
20%	10	1,460	\$254.27	\$256.84	\$2.56	1.0%
20%	15	2,190	\$373.16	\$376.78	\$3.62	1.0%
20%	25	3,650	\$610.94	\$616.66	\$5.72	0.9%
20%	50	7,300	\$1,205.37	\$1,216.35	\$10.98	0.9%
			. ,			
20%	75	10,950	\$1,799.81	\$1,816.05	\$16.24	0.9%
20%	100	14,600	\$2,394.24	\$2,415.74	\$21.50	0.9%
20%	150	21,900	\$3,583.12	\$3,615.13	\$32.01	0.9%
36%	5	1,314	\$193.58	\$194.89	\$1.31	0.7%
36%	10	2,628	\$370.65	\$372.82	\$2.17	0.6%
36%	15	3,942	\$547.73	\$550.75	\$3.02	0.6%
36%	25	6,570	\$901.88	\$906.61	\$4.73	0.5%
36%	50		\$1,787.27	\$1,796.26	\$8.99	0.5%
		13,140				
36%	75	19,710	\$2,672.65	\$2,685.91	\$13.26	0.5%
36%	100	26,280	\$3,558.04	\$3,575.56	\$17.52	0.5%
36%	150	39,420	\$5,328.81	\$5,354.87	\$26.06	0.5%
50%	5	1,825	\$244.49	\$245.63	\$1.14	0.5%
50%	10	3,650	\$472.49	\$474.31	\$1.82	0.4%
50%	15	5,475	\$700.48	\$702.98	\$2.50	0.4%
50%	25	9,125	\$1,156.47	\$1,160.32	\$3.86	0.3%
50%	50	18,250	\$2,296.43	\$2,303.69	\$7.25	0.3%
50%	75	27,375	\$3,436.40	\$3,447.05	\$10.65	0.3%
50%	100	36,500	\$4,576.36	\$4,590.41	\$14.05	0.3%
50%	150	54,750	\$6,856.29	\$6,877.14	\$20.85	0.3%
		Rates - Effective	Rates - Proposed	DW		
		11/1/2011	5/1/2012	Difference		
ustomer Ch	arge	\$16.50	\$16.96	\$0.46		
		<u>All kW</u>	<u>All kW</u>	<u>All kW</u>		
	harge	\$9.24	\$9.50	\$0.26		
istribution C			<u>(\$0.01)</u>	\$0.00		
	t Charge	(\$0.01)	(\$0.01)			
istribution C tranded Cos OTAL	t Charge	(\$0.01) \$9.23	\$9.49	\$0.26		
tranded Cos OTAL		\$9.23 <u>kWh</u>	\$9.49 <u>kWh</u>	<u>kWh</u>		
tranded Cos OTAL istribution C	harge	\$9.23 <u>kWh</u> \$0.00034	\$9.49 <u>kWh</u> \$0.00000	<u>kWh</u> (\$0.00034)		
tranded Cos OTAL istribution C xternal Deliv	harge very Charge	\$9.23 <u>kWh</u> \$0.00034 \$0.01479	\$9.49 <u>kWh</u> \$0.00000 \$0.01479	kWh (\$0.00034) \$0.00000		
tranded Cos OTAL istribution C xternal Deliv tranded Cos	harge very Charge st Charge	\$9.23 <u>kWh</u> \$0.00034 \$0.01479 (\$0.00001)	\$9.49 <u>kWh</u> \$0.00000	kWh (\$0.00034) \$0.00000 \$0.00000		
tranded Cos DTAL istribution C kternal Deliv tranded Cos	harge very Charge	\$9.23 <u>kWh</u> \$0.00034 \$0.01479	\$9.49 <u>kWh</u> \$0.00000 \$0.01479	kWh (\$0.00034) \$0.00000		
tranded Cos DTAL istribution C kternal Deliv tranded Cos torm Recove	harge very Charge ot Charge ery Adj. Factor	\$9.23 <u>kWh</u> \$0.00034 \$0.01479 (\$0.00001)	\$9.49 <u>kWh</u> \$0.00000 \$0.01479 (\$0.00001)	kWh (\$0.00034) \$0.00000 \$0.00000		
tranded Cos DTAL istribution C kternal Deliv tranded Cos	harge very Charge at Charge ery Adj. Factor fits Charge	\$9.23 <u>kWh</u> \$0.00034 \$0.01479 (\$0.00001) \$0.00096	\$9.49 kWh \$0.00000 \$0.01479 (\$0.00001) \$0.00096	kWh (\$0.00034) \$0.00000 \$0.00000 \$0.00000		

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers

Average Monthly <u>kWh</u>	Total Bill Using Rates <u>Effective 11/1/2011</u>	Total Bill Using Rates <u>Proposed 5/1/2012</u>	Total <u>Difference</u>	% Total <u>Difference</u>
15	\$14.43	\$14.78	\$0.36	2.5%
75	\$22.13	\$22.51	\$0.39	1.7%
150	\$31.76	\$32.18	\$0.42	1.3%
250	\$44.59	\$45.06	\$0.47	1.0%
350	\$57.43	\$57.94	\$0.51	0.9%
450	\$70.27	\$70.83	\$0.56	0.8%
550	\$83.10	\$83.71	\$0.61	0.7%
650	\$95.94	\$96.60	\$0.66	0.7%
750	\$108.78	\$109.48	\$0.70	0.6%
900	\$128.03	\$128.81	\$0.77	0.6%

	Rates - Effective 11/1/2011	Rates - Proposed 5/1/2012	Difference
kWh Meter Customer Charge	\$12.50	\$12.85	\$0.35
	<u>All kWh</u>	<u>All kWh</u>	All kWh
Distribution Charge	\$0.02910	\$0.02957	\$0.00047
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	\$ 0.08026	<u>\$0.08026</u>	\$0.00000
TOTAL	\$0.12837	\$0.12884	\$0.00047

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment Impacts do NOT include the Electricity Consumption Tax Impact on G2 QRWH and SH Rate Customers

Avera <u>kW</u>		Total Bill Using Rates <u>Proposed 5/1/2012</u>	Total <u>Difference</u>	% Total <u>Difference</u>
100	3 \$18.32	\$18.52	\$0.20	1.1%
20	31.03	\$31.28	\$0.25	0.8%
30	S \$43.75	\$44.04	\$0.29	0.7%
40	556.46	\$56.80	\$0.33	0.6%
50	D \$69.18	\$69.56	\$0.38	0.5%
75	\$100.97	\$101.45	\$0.48	0.5%
1,00	00 \$132.76	\$133.35	\$0.59	0.4%
1,50	00 \$196.34	\$197.15	\$0.81	0.4%
2,00	00 \$259.92	\$260.94	\$1.02	0.4%
2,50	00 \$323.50	\$324.74	\$1.24	0.4%

	Rates - Effective 11/1/2011	Rates - Proposed 5/1/2012	Difference
Customer Charge	\$5.60	\$5.76	\$0.16
	<u>All kWh</u>	<u>All kWh</u>	All kWh
Distribution Charge	\$0.02789	\$0.02832	\$0.00043
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>\$0.08026</u>	<u>\$0.08026</u>	\$0.00000
TOTAL	\$0.12716	\$0.12759	\$0.00043

Unitil Energy Systems, Inc. Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment Impacts do NOT include the Electricity Consumption Tax Impact on G1 Rate Customers

Load <u>Factor</u>	Average Monthly <u>kVa</u>	Average Monthly <u>kWh</u>	Total Bill Using Rates <u>Effective 11/1/2011</u>	Total Bill Using Rates <u>Proposed 5/1/2012</u>	Total <u>Difference</u>	% Total <u>Difference</u>
25.0%	200	36,500	\$4,496.36	\$4,520.39	\$24.03	0.5%
25.0%	400	73,000	\$8,905.62	\$8,951.24	\$45.62	0.5%
25.0%	600	109,500	\$13,314.89	\$13,382.10	\$67.21	0.5%
25.0%	800	146,000	\$17,724.15	\$17,812.95	\$88.80	0.5%
25.0%	1,000	182,500	\$22,133.42	\$22,243.81	\$110.39	0.5%
25.0%	1,500	273,750	\$33,156.58	\$33,320.94	\$164.36	0.5%
25.0%	2,000	365,000	\$44,179.74	\$44,398.08	\$218.34	0.5%
25.0%	2,500	456,250	\$55,202.90	\$55,475.22	\$272.32	0.5%
25.0%	3,000	547,500	\$66,226.07	\$66,552.36	\$326.29	0.5%
40.0%	200	58,400	\$6,393.11	\$6,409.70	\$16.58	0.3%
40.0%	400	116,800	\$12,699.14	\$12,729.87	\$30.73	0.2%
40.0%	600	175,200	\$19,005.16	\$19,050.03	\$44.87	0.2%
40.0%	800	233,600	\$25,311.19	\$25,370.20	\$59.02	0.2%
40.0%	1,000	292,000	\$31,617.21	\$31,690.37	\$73.16	0.2%
40.0%	1,500	438,000	\$47,382.27	\$47,490.79	\$108.52	0.2%
40.0%	2,000	584,000	\$63,147.33	\$63,291.21	\$143.88	0.2%
40.0%	2,500	730,000	\$78,912.39	\$79,091.63	\$179.24	0.2%
40.0%	3,000	876,000	\$94,677.45	\$94,892.05	\$214.60	0.2%
57.0%	200	83,220	\$8,542.77	\$8,550.92	\$8.15	0.1%
57.0%	400	166,440	\$16,998.46	\$17,012.31	\$13.85	0.1%
57.0%	600	249,660	\$25,454.14	\$25,473.70	\$19.56	0.1%
57.0%	800	332,880	\$33,909.83	\$33,935.09	\$25.26	0.1%
57.0%	1,000	416,100	\$42,365.51	\$42,396.48	\$30.97	0.1%
57.0%	1,500	624,150	\$63,504.72	\$63,549.95	\$45.23	0.1%
57.0%	2,000	832,200	\$84,643.93	\$84,703.42	\$59.49	0.1%
57.0%	2,500	1,040,250	\$105,783.14	\$105,856.90	\$73.76	0.1%
57.0%	3,000	1,248,300	\$126,922.35	\$127,010.37	\$88.02	0.1%
71.0%	200	103,660	\$10,313.08	\$10,314.28	\$1.20	0.0%
71.0%	400	207,320	\$20,539.08	\$20,539.03	(\$0.05)	(0.0%)
71.0%	600	310,980	\$30,765.07	\$30,763.77	(\$1.29)	(0.0%)
71.0%	800	414,640	\$40,991.06	\$40,988.52	(\$2.54)	(0.0%)
71.0%	1,000	518,300	\$51,217.05	\$51,213.27	(\$3.78)	(0.0%)
71.0%	1,500	777,450	\$76,782.03	\$76,775.14	(\$6.89)	(0.0%)
71.0%	2,000	1,036,600	\$102,347.02	\$102,337.01	(\$10.00)	(0.0%)
71.0%	2,500	1,295,750	\$127,912.00	\$127,898.88	(\$13.11)	(0.0%)
71.0%	3,000	1,554,900	\$153,476.98	\$153,460.75	(\$16.23)	(0.0%)

	Rates - Effective 11/1/2011	Rates - Proposed 5/1/2012	Difference
Customer Charge - Secondary	\$87.09	\$89.53	\$2.44
Distribution Charge Stranded Cost Charge TOTAL	All kVA \$6.25 (\$0.01) \$6.24	All kVA \$6.42 (\$0.01) \$6.41	<u>All kVA</u> \$0.17 <u>\$0.00</u> \$0.17
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adjustment Factor System Benefits Charge Default Service Charge* TOTAL	All kWh \$0.00034 \$0.01479 (\$0.00001) \$0.00096 \$0.00330 \$0.06723 \$0.08661	All kWh \$0.00000 \$0.01479 (\$0.00001) \$0.00096 \$0.00330 \$0.06723 \$0.08627	All kWh (\$0.00034) \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 (\$0.00034)

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

Unitil Energy Systems, Inc.							
Typical Bill Impacts as a Result of Proposed Rates for May 1, 2012 Step Adjustment							
Impacts do NOT include the Electricity Consumption Tax							
Impact on OL Rate Customers*							

	Nominal Watts	Lumone	Type	Average Monthly kWh	Total Bill Using Rates Effective 11/1/2011	Total Bill Using Rates Proposed 5/1/2012	Total Difference	% Total Difference
		<u>Lumens</u> cury Vapor:	<u>Type</u>	MOHENTY KAALI	LITECUVE 11/1/2011	1 10p036u 3/1/2012	Dineralica	Dinerence
1	100	3,500	ST	40	\$14.09	\$14.36	\$0.27	1.9%
2	175	7,000	ST	67	\$18.91	\$19.23	\$0.32	1.7%
3	250	11,000	ST	95	\$23.51	\$23.87	\$0.36	1.5%
4	400	20,000	ST	154	\$32.32	\$32.75	\$0.43	1.3%
5	1,000	60,000	ST	388	\$73.66	\$74.51	\$0.85	1.2%
6	250	11,000	FL	95	\$24.51	\$24.90	\$0.39	1.6%
7	400	20,000	FL	154	\$33.61	\$34.07	\$0.46	1.4%
8	1,000	60,000	FL	388	\$69.79	\$70.53	\$0.74	1.1%
9	100 175	3,500 7,000	PB PB	40 67	\$14.20 \$19.15	\$14.48 \$19.45	\$0.28 \$0.30	1.9% 1.6%
10	175	7,000	гь	07	\$18.15	\$18.45	φυ.30	1.0%
44		essure Sodium:		04	C40.44	£40.00	# 0.00	0.00/
11	50	4,000	ST	21	\$12.41	\$12.69	\$0.28	2.3%
12	100	9,500	ST	43	\$16.06	\$16.38	\$0.32	2.0%
13 14	150	16,000	ST ST	60	\$17.81	\$18.12	\$0.31	1.7%
	250	30,000		101	\$25.22	\$25.61	\$0.39	1.5%
15	400	50,000	ST	161	\$35.49 \$74.20	\$35.97 \$75.04	\$0.49	1.4%
16	1,000	140,000	ST	398	\$74.20	\$75.04	\$0.83	1.1%
17	150	16,000	FL	60	\$19.82	\$20.19	\$0.37	1.9%
18	250	30,000	FL	101	\$26.62	\$27.05	\$0.43	1.6%
19	400	50,000	FL	161	\$35.03 \$74.54	\$35.50 \$75.36	\$0.48	1.4%
20	1,000	140,000	FL	398	\$74.51 \$11.54	\$75.36 \$11.70	\$0.84 \$0.25	1.1%
21	50	4,000	PB	21	\$11.54 \$15.05	\$11.79 \$15.24	\$0.25	2.2%
22	100	95,000	PB	43	\$15.05	\$15.34	\$0.29	1.9%
	Me	tal Halide:						
23	175	8,800	ST	66	\$22.39	\$22.81	\$0.42	1.9%
24	250	13,500	ST	92	\$26.48	\$26.94	\$0.46	1.7%
25	400	23,500	ST	148	\$32.75	\$33.20	\$0.45	1.4%
26	175	8,800	FL	66	\$25.05	\$25.55	\$0.50	2.0%
27	250	13,500	FL	92	\$29.22	\$29.75	\$0.53	1.8%
28	400	23,500	FL	148	\$34.84	\$35.35	\$0.51	1.5%
29	175	8,800	PB	66	\$21.29	\$21.68	\$0.39	1.8%
30	250	13,500	PB	92	\$24.89	\$25.30	\$0.41	1.6%
31	400	23,500	PB	148	\$31.65	\$32.07	\$0.42	1.3%
				Lumin	aire Charges For Year	Pound Service:		
Rates - Effective 11/1/2011								_
		Mercury	Vapor Ra	te/Mo.	Sodium Vap	or Rate/Mo.	Metal Halide	Rate/Mo.
Customer Charge	\$0.00		1	\$10.11	11	\$10.32	23	3 \$15.82
Customer Charge	\$0.00		1 2	\$10.11 \$12.24	11 12	\$10.32 \$11.78	23 24	
Customer Charge			2	\$12.24	12	\$11.78	24	4 \$17.32
· ·	All kWh		2	\$12.24 \$14.05	12 13	\$11.78 \$11.83	24 25	4 \$17.32 5 \$18.01
Distribution Charge	All kWh \$0.00034		2 3 4	\$12.24 \$14.05 \$16.98	12 13 14	\$11.78 \$11.83 \$15.16	24 25 26	4 \$17.32 5 \$18.01 6 \$18.48
Distribution Charge External Delivery Charge	All kWh \$0.00034 \$0.01479		2 3 4 5	\$12.24 \$14.05 \$16.98 \$35.01	12 13 14 15	\$11.78 \$11.83 \$15.16 \$19.45	24 25 26 27	\$17.32 5 \$18.01 6 \$18.48 7 \$20.06
Distribution Charge External Delivery Charge Stranded Cost Charge	All kWh \$0.00034 \$0.01479 (\$0.00004)		2 3 4 5 6	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05	12 13 14 15 16	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56	24 25 27 27 28	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096		2 3 4 5 6 7	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27	12 13 14 15 16 17	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84	24 25 27 27 28	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330		2 3 4 5 6 7 8	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14	12 13 14 15 16 17 18	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56	24 25 26 27 28 28 30	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096		2 3 4 5 6 7 8 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22	12 13 14 15 16 17 18	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99	24 25 27 27 28	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026		2 3 4 5 6 7 8	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14	12 13 14 15 16 17 18 19	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87	24 25 26 27 28 28 30	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330		2 3 4 5 6 7 8 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22	12 13 14 15 16 17 18	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99	24 25 26 27 28 28 30	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026		2 3 4 5 6 7 8 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48	12 13 14 15 16 17 18 19 20 21 21	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 22 26 27 26 29 30 30	4 \$17.32 5 \$18.01 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961	Mercury	2 3 4 5 6 7 8 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48	12 13 14 15 16 17 18 19 20 21 22	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 22 22 22 23 33 3 Metal Halide	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026		2 3 4 5 6 7 8 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 21 26 27 28 33 33 3 Metal Halide 23	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961		2 3 4 5 6 7 8 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48	12 13 14 15 16 17 18 19 20 21 22 Sodium Var	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 22 26 27 28 30 30 31 Metal Halide 22 24	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.0030 \$0.08026 \$0.09961 \$0.000		2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48	12 13 14 15 16 16 17 18 19 20 21 22 Sodium Var 11 12	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 22 22 22 24 30 3 3 Metal Halide 22 24	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 Parale/Mo. 4 \$17.81 5 \$18.51
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.0030 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000		2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$10.39 \$12.58 \$14.44 \$17.46	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge	\$0.0034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479		2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4 5	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$11.48	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77	24 22 26 22 33 33 3 Metal Halide 22 24 24 25 26 27 28	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 8 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge	\$0.00034 \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.000 All kWh \$0.00000 \$0.01479 (\$0.00004)		2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POF Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53	24 22 26 27 28 30 30 31 Metal Halide 22 24 26 26 27 27	4 \$17.32 5 \$18.01 6 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 3 \$16.26 4 \$17.81 5 \$18.51 5 \$18.51 7 \$20.62 8 \$20.66
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.0030 \$0.08026 \$0.09961 \$0.00 All kWh \$0.0000 \$0.01479 (\$0.00004) \$0.00096		2 3 4 5 6 7 8 9 110 110 12 3 4 5 5 6 7 7	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POR Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23	24 22 22 24 25 30 3 3 3 Metal Halide 22 24 24 24 25 26 26 27 26 27 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	\$0.0004 \$0.00034 \$0.01479 (\$0.00004) \$0.00030 \$0.0030 \$0.08026 \$0.09961 \$0.000 \$0.1479 (\$0.00004) \$0.00006 \$0.00330		2 3 4 5 6 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6 6 7 8 8	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 17 18	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POT Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02	24 22 22 23 33 33 34 Metal Halide 24 24 24 25 26 27 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.0030 \$0.08026 \$0.09961 \$0.00 All kWh \$0.0000 \$0.01479 (\$0.00004) \$0.00096	Mercury	2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6 7 8 9 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.28 \$11.48 \$11.48	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 19 19 10 11 12 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 **Poor Rate/Mo.** \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52	24 22 22 24 25 30 3 3 3 Metal Halide 22 24 24 24 25 26 26 27 26 27 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	\$0.0004 \$0.00034 \$0.01479 (\$0.00004) \$0.00030 \$0.0030 \$0.08026 \$0.09961 \$0.000 \$0.1479 (\$0.00004) \$0.00006 \$0.00330	Mercury	2 3 4 5 6 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6 6 7 8 8	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 For Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71	24 22 22 23 33 33 34 Metal Halide 24 24 24 25 26 27 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.0034 \$0.0034 \$0.0004 \$0.00096 \$0.0030 \$0.08026 \$0.09961 \$0.000 \$0.01479 \$0.0000 \$0.01479 \$0.00096 \$0.00330 \$0.08026 \$0.09927	Mercury	2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 20 21 22	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POF Rate/MO. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07	24 22 22 23 30 3 3 3 4 Metal Halide 22 24 25 26 26 27 28 30 31 31 31 31 31 31 31 31 31 31 31 31 31	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 8 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.0030 \$0.08026 \$0.09961 \$0.000 All kWh \$0.0000 \$0.01479 (\$0.00004) \$0.00330 \$0.08026 \$0.09927	Mercury	2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6 7 8 9 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 20 21 22 22 22 23 24 25 25 26 26 27 28 28	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POR Rate/MO. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07	24 22 22 24 25 30 3 3 3 4 Metal Halide 22 24 22 24 25 24 26 30 31 31 31 31 31 31 31 31 31 31 31 31 31	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$15.13 1 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.0034 \$0.0034 \$0.0004 \$0.00096 \$0.0030 \$0.08026 \$0.09961 \$0.000 \$0.01479 \$0.0000 \$0.01479 \$0.00096 \$0.00330 \$0.08026 \$0.09927	Mercury	2 3 4 5 6 7 8 9 10 Vapor Ra 1 2 3 4 5 6 7 8 9 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 177 18 19 20 21 22 Sodium Var 18 19 20 21 21 21 21 22	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POT Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 PUM Vapor-Difference \$0.29	24 22 22 33 33 34 Metal Halide 22 24 25 26 27 28 30 31 31 31 31 31 31 31 31 31 31 31 31 31	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL	\$0.0004 \$0.00304 \$0.00096 \$0.00300 \$0.00300 \$0.00961 \$0.00961 \$0.00961 \$0.00961 \$0.00000 \$0.01479 \$0.00004 \$0.00330 \$0.08026 \$0.09927	Mercury	2 3 4 5 6 7 8 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Var 20 21 22 Sodium Var 21 22 Sodium Var 21 22 23 24 24 25 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 ***or Rate/Mo.** \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 ***um Vapor-Difference \$0.29 \$0.33	24 25 26 27 27 28 30 31 31 Metal Halide 25 26 27 28 30 31 31 Metal Ha	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 8 \$20.66 1 \$15.13 0 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL TOTAL Customer Charge County Charge County Charge County Charge County Charge County Charge County Charge Default Service Charge TOTAL Customer Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh	Mercury	2 3 4 5 6 7 8 9 110 Vapor Ra 1 2 3 4 4 5 5 6 6 7 8 9 110 Mercury V 1 2 3	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80 \$10.39	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 11 12 13 14 15 16 17 18 19 20 21 21 22 13 11 11 12 13	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POOR Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 um Vapor-Difference \$0.29 \$0.33 \$0.33	24 21 22 23 33 33 Metal Halide 22 24 22 23 33 3 Metal Ha 22 24 25 26 27 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 9 \$15.13 1 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge Distribution Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00036 \$0.0030 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479 (\$0.00004) \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh (\$0.00034)	Mercury	2 3 4 5 6 7 8 9 110 12 3 4 4 5 5 6 7 8 9 110 110 110 110 110 110 110 110 110 1	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$10.22 \$11.48 \$11.48 \$11.49 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21 22 Sodium 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 22	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POR Rate/MO. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 um Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.42	24 21 22 23 33 3* Metal Halide 23 24 25 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 3 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge TOTAL Customer Charge Distribution Charge Distribution Charge Distribution Charge TOTAL	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.0030 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479 (\$0.00004) \$0.00005 \$0.0479 (\$0.00004) \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh (\$0.00034) \$0.00034 \$0.00000	Mercury	2 3 4 5 6 7 8 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80 \$2.28 \$0.34 \$0.39 \$0.48 \$0.98	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 177 18 19 20 21 22 Sodium 11 12 13 14 15 16 177 18 19 20 21 21 21 21 22 Sodium 11 12 13 14 15 16 177 18 19 20 21 21 21 21 21 22 21 24 24 25 26 27 38 38 48 49 40 40 40 40 40 40 40 40 40 40 40 40 40	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$13.89 \$34.87 \$9.45 \$10.77 POT Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 Um Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.33 \$0.42 \$0.54	24 21 22 23 33 33 Metal Halide 22 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Distribution Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge	\$0.0004 \$0.00304 \$0.00096 \$0.00300 \$0.00300 \$0.0096 \$0.0096 \$0.0096 \$0.0096 \$0.0096 \$0.00000 \$0.01479 \$0.00000 \$0.01479 \$0.00006 \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 \$0.00034 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 110 Vapor Ra 1 2 3 4 4 5 6 6 7 8 8 9 110 Mercury V 1 2 3 4 4 5 5 6 6	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80 \$10.51 \$11.80 \$10.39 \$15.47 \$15.47 \$15.47 \$15.47 \$15.47 \$15.47 \$16.51 \$10.51 \$1	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21 21 21 21	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$13.89 \$34.87 \$9.45 \$10.77 **OOF Rate/Mo.* \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$11.02 \$19.52 \$35.85 \$9.71 \$11.07 **um Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97	24 22 23 33 33 Metal Halide 22 24 25 26 27 27 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 8 \$15.13 9 \$15.13 9 \$15.13 1 \$17.38 2 \$16.26 3 \$16.26 6 \$19.00 7 \$20.62 8 \$20.66 8 \$20.66 8 \$50.50 9 \$10.50 9 \$1
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Default Service Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.009927 Difference \$0.00 All kWh \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 110 Vapor Ra 1 2 3 4 4 5 5 6 7 7 8 9 110 Mercury V 1 2 3 4 4 5 5 6 7 7 8 9 110 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$11.48 \$11.48 \$11.48 \$11.48 \$11.48 \$11.48 \$11.48 \$11.49 \$11.49 \$11.49 \$11.40 \$1	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 11 12 13 14 15 16 17 18 19 19 20 21 22 Sodi 11 12 13 14 15 16 17 17 18 19 19 20 21 22 11 11 12 13 14 15 16 17 17 18 19 19 20 21 22 11 11 12 13 14 15 16 16 17	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 **Tor Rate/Mo.** \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 **Imm Vapor-Difference* \$0.29 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97 \$0.39	24 25 26 27 26 27 27 27 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 1 \$17.38 2 \$15.13 9 \$1
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00036 \$0.0030 \$0.08026 \$0.09961 \$0.000 All kWh \$0.0000 \$0.01479 (\$0.00004) \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh (\$0.00004) \$0.00006 \$0.00300 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$1	12 13 14 15 16 17 18 19 20 21 22 Sodium Vap 11 12 13 14 15 16 17 18 19 20 21 22 Sodi 11 12 12 13 14 15 16 17 18 19 19 19 10 11 11 12 13 14 15 16 17 18 19 19 19 10 11 11 12 13 14 15 16 17 18 19 19 19 10 11 11 12 13 14 15 16 16 17 18 18 19 19 19 10 10 11 11 12 13 14 15 16 16 17 18 18 19 19 19 10 10 11 11 12 13 14 15 16 16 17 18	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POR Rate/MO. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 UM Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97 \$0.39 \$0.46	24 21 22 23 33 3* Metal Halide 23 24 25 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 2 Rate/Mo. 3 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 7 \$20.62 9 \$15.13 0 \$16.17 1 \$17.38 2 \$16.91 3 \$0.44 4 \$0.49 5 \$0.50 6 \$0.52 7 \$0.56 8 \$0.56 9 \$0.41 0 \$0.44
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Default Service Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.01479 (\$0.00004) \$0.00096 \$0.00330 \$0.08026 \$0.009927 Difference \$0.00 All kWh \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 110 Vapor Ra 1 2 3 4 4 5 6 6 7 7 8 9 110 Mercury V 1 2 3 4 4 5 6 6 7 7 8 9 9 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$10.22 \$11.48 \$10.39 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80 \$0.28 \$0.34 \$0.39 \$0.48 \$0.98 \$0.42 \$0.87 \$0.29	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 177 18 19 20 21 22 Sodium 11 12 13 14 15 16 177 18 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 10 11 11 12 13 14 15 16 17 18 19 19	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POT Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 Um Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97 \$0.39 \$0.46 \$0.53	24 25 26 27 26 27 27 27 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 3 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38 PRATE/MO. 3 \$0.44 4 \$0.49 5 \$0.50 6 \$0.52 7 \$0.56 9 \$0.56 9 \$0.41 0 \$0.44
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.0004 \$0.0030 \$0.00004 \$0.00096 \$0.00330 \$0.08026 \$0.09961 \$0.00 All kWh \$0.00000 \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 9 10	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$1	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 17 18 19 20 21 22 Sodium 17 18 19 20 21 21 21 22 Sodium 17 20 21 21 21 21 22 22 23 24 24 25 26 27 28 28 29 20 30 31 40 41 40 40 40 41 41 40 41 41 41 41 41 41 41 41 41 41 41 41 41	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$13.89 \$34.87 \$9.45 \$10.77 **OOF Rate/Mo.* \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$11.02 \$19.52 \$35.85 \$9.71 \$11.07 **Um Vapor-Difference* \$0.29 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97 \$0.39 \$0.46 \$0.53 \$0.98	24 21 22 23 33 3* Metal Halide 23 24 25 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.01 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 2 \$15.73 1 \$16.26 4 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38 PRATE/MO. 3 \$0.44 4 \$0.49 5 \$0.50 6 \$0.52 7 \$0.56 9 \$0.41 0 \$0.44
Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed 5/1/2012 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	All kWh \$0.00034 \$0.01479 (\$0.00004) \$0.00036 \$0.0030 \$0.08026 \$0.09961 \$0.000 All kWh \$0.0000 \$0.01479 (\$0.00004) \$0.00330 \$0.08026 \$0.09927 Difference \$0.00 All kWh (\$0.00004) \$0.00006 \$0.00300 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury	2 3 4 5 6 7 8 9 110 Vapor Ra 1 2 3 4 4 5 6 6 7 7 8 9 110 Mercury V 1 2 3 4 4 5 6 6 7 7 8 9 9 9	\$12.24 \$14.05 \$16.98 \$35.01 \$15.05 \$18.27 \$31.14 \$10.22 \$11.48 \$10.22 \$11.48 \$10.39 \$12.58 \$14.44 \$17.46 \$35.99 \$15.47 \$18.78 \$32.01 \$10.51 \$11.80 \$0.28 \$0.34 \$0.39 \$0.48 \$0.98 \$0.42 \$0.87 \$0.29	12 13 14 15 16 17 18 19 20 21 22 Sodium Var 11 12 13 14 15 16 177 18 19 20 21 22 Sodium 11 12 13 14 15 16 177 18 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 10 11 11 12 13 14 15 16 17 18 19 19	\$11.78 \$11.83 \$15.16 \$19.45 \$34.56 \$13.84 \$16.56 \$13.84 \$16.56 \$18.99 \$34.87 \$9.45 \$10.77 POT Rate/Mo. \$10.61 \$12.11 \$12.16 \$15.58 \$19.99 \$35.53 \$14.23 \$17.02 \$19.52 \$35.85 \$9.71 \$11.07 Um Vapor-Difference \$0.29 \$0.33 \$0.33 \$0.33 \$0.33 \$0.42 \$0.54 \$0.97 \$0.39 \$0.46 \$0.53	24 21 22 23 33 3* Metal Halide 23 24 25 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	4 \$17.32 5 \$18.01 5 \$18.48 7 \$20.06 8 \$20.10 9 \$14.72 0 \$15.73 1 \$16.91 PRATE/MO. 3 \$17.81 5 \$18.51 6 \$19.00 7 \$20.62 8 \$20.66 9 \$15.13 0 \$16.17 1 \$17.38 PRATE/MO. 3 \$0.44 4 \$0.49 5 \$0.50 6 \$0.52 7 \$0.56 9 \$0.56 9 \$0.41 0 \$0.44

Unitil Energy Systems, Inc. PUC 308.11 - F-1 Rate of Return 12 Months Ending December 31, 2011

Schedule 5 Page 1 of 2

Schedule 1: Calculation of Per Books Rate of Return

Cost of Service	Rol	ling 12 Months		Rate Base			5 Qtr Avg
Electric Service Revenues	\$	126,092,858		Utility Plant i	n Service	\$	216,651,262
Other Operating Revenue		1,702,492			ve for Depreciation & Amortization		72,796,851
Total Operating Revenues		127,795,350		Net U	tility Plant		143,854,411
Operating Expenses:				Plus:			
Purchased Power		63,682,380		M&S Inve	entories		1,369,596
Transmission		17,041,815		Cash Wo	rking Capital		2,082,805
Distribution		5,696,590		Prepayme	ents		9,034,583
Cust. Accounting & Service		3,837,763		Other Sp	ecial Deposits - ISO		3,982,225
Admin. & General		8,295,025		Less:			
Depreciation		8,229,354			Income Taxes		19,880,404
Amortization		2,061,165		Custome	r Advances		602,719
Taxes-Other Than Income		4,175,914		Custome	r Deposits		1,548,360
State & Federal Income Taxes		3,364,850					
Int on Customer Deposits		47,256		Total	Rate Base	\$	138,292,137
Total Operating Expenses		116,432,112		Utility Opera	ting Income - 8.39% Cost of Capital	\$	11,606,022
					ting Income - Actual	\$	10,947,417
Net Operating Income	\$	11,363,238			-		
				Operating In	ncome Deficiency (Surplus)	\$	658,605
Less: EE Revenue, Tax Affected		1,961		Income Tax	Gross-Up	\$	431,981
Less: Other FT Oper Inc (Not Tax Affected)		413,860		Revenue De	eficiency (Surplus)	\$ \$	1,090,586
Net Operating Income - Adjusted	\$	10,947,417		Return on R	Rate Base - Actual		7.92%
, ,				Return on R	tate Base - Authorized DE 10-055		8.39%
				ROE - Actua ROE - Autho	al orized DE 10-055		8.62% 9.67%
Schedule 2: Cost of Capital - Authorized DE	10-055		Percent		Weighted		
-			Total	Cost Rate	Cost Rate		
Common Equity			45.45%	9.67%	4.40%		
Preferred Stock Equity			0.16%	6.00%	0.01%		
Long Term Debt			51.53%	7.60%	3.92%		
Short Term Debt			2.86%	2.50%	0.07%		
Total			100.00%		8.39%		

UNITIL ENERGY SYSTEMS, INC.

SALES BY CUSTOMER CLASS

SCHEDULE 3

DEFINITIONS:

<u>Small (or Commercial) Customers</u> = Regular General Service Schedule G2 customers, whether industrial or commercial, with average use consistently below two-hundred (200) kilovolt-amperes of demand and generally less than one-hundred (100,000) kilowatt-hours per month

<u>Large (or Industrial) Customers</u> = Large General Service Schedule G1 customers, whether industrial or commercial, with average use consistently equal to or in excess of two-hundred (200) kilovolt-amperes of demand and generally greater than or equal to one-hundred (100,000) kilowatt-hours per month

	Year to Date - December 31, 2011										
		OPERATING	ATING REVENUES MEGAWATT HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH						
		Year to Date	Amount for	Year to Date	Amount for	COSTONIE	INS PER MONTH				
Line	Title of Account	Annual	Previous Year	Annual	Previous Year	Current Year	Previous Year				
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)				
1	Sales of Electricity										
2	(440) Residential Sales	\$67,559,386	\$72,635,893	502,914	503,060	63,732	63,641				
3	(442) Commercial and Industrial Sales										
4	Small (or Commercial)	36,133,580	40,149,971	309,614	309,597	9,768	9,754				
5	Large (or Industrial)	14,567,786	15,702,151	285,009	286,778	119	118				
6	(444) Public Street and Highway Lighting	2,013,714	1,997,581	8,718	8,738	1,793	1,805				
7	(445) Other Sales to Public Authorities	6,382,937	7,260,680	111,056	114,927	800	806				
8	(446) Sales to Railroads and Railways	0	0	0	0	0	0				
9	(448) Interdepartmental Sales	0	0	0	0	0	0				
10	TOTAL Sales to Ultimate Consumers	126,657,403	137,746,276	1,217,311	1,223,100	76,212	76,124				
11	(447) Sales for Resale	107,581	119,106	1,648	1,230						
12	TOTAL Sales of Electricity	\$126,764,984	\$137,865,382	1,218,959	1,224,330	76,212	76,124				
13	Sales of Electricity										

Quarter to Date - December 31, 2011							
						AVERAGE NUMBER OF	
		OPERATING REVENUES		MEGAWATT HOURS SOLD		CUSTOMERS PER MONTH	
		Year to Date	Amount for	Year to Date	Amount for		
Line	Title of Account	Quarter	Previous Year	Quarterly	Previous Year	Current Quarter	Previous Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Sales of Electricity						
2	(440) Residential Sales	\$16,187,317	\$16,835,160	112,412	115,352	63,942	63,489
3	(442) Commercial and Industrial Sales						
4	Small (or Commercial)	8,895,685	9,341,305	71,116	72,049	9,797	9,752
5	Large (or Industrial)	3,517,743	3,844,608	69,132	69,714	119	117
6	(444) Public Street and Highway Lighting	546,003	499,863	2,152	2,170	1,784	1,799
7	(445) Other Sales to Public Authorities	1,561,129	1,718,569	26,477	27,687	797	802
8	(446) Sales to Railroads and Railways	0	0	0	0	0	0
9	(448) Interdepartmental Sales	0	0	0	0	0	0
10	TOTAL Sales to Ultimate Consumers	30,707,877	32,239,505	281,289	286,972	76,439	75,959
11	(447) Sales for Resale	26,890	56,316	513	375	0	0
12	TOTAL Sales of Electricity	\$30,734,767	\$32,295,821	281,802	287,347	76,439	75,959
13	Sales of Electricity						