

Unitil Energy Systems, Inc.  
Docket No. DE 20-170  
Electric Vehicle Time of Use Rates  
Commission Record Requests

Received: January 28, 2022

Date of Response: February 4, 2022

Record Request #1

Witness: John D. Taylor

**Request:** Exhibit 24, Bates pages 20-22. For both Unitil Energy Systems, Inc. (Unitil) and Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty (Liberty), maintaining revenue neutrality, please provide similar analyses of the volumetric rates for Commercial EV TOU classes for both Summer and Winter assuming that 75 percent of the demand charges are recovered through volumetric rates, ceteris paribus. Provide the information in live EXCEL format, as well as summarize the TOU rates and demand charges in a tabular manner for the different classes, as appropriate

**Response:** Please see the attached analysis.

Unitil Energy Systems, Inc.

UNITIL EV-TOU-G1 BILL IMPACT - SUMMER - 5 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 86	\$ 86	\$ 86	\$ 86
Distribution Demand Charge	\$ 2,280	\$ 1,140	\$ 912	\$ 570
Distribution Energy Charge	\$ -	\$ 159	\$ 190	\$ 238
<b>Total Distribution Bill</b>	<b>\$ 2,366</b>	<b>\$ 1,385</b>	<b>\$ 1,189</b>	<b>\$ 894</b>
Total Transmission	\$ 413	\$ 1,071	\$ 1,071	\$ 1,071
Total Energy Service	\$ -	\$ -	\$ -	\$ -
Reconciling Items	\$ 75	\$ 75	\$ 75	\$ 75
<b>Total Bill</b>	<b>\$ 2,855</b>	<b>\$ 2,531</b>	<b>\$ 2,335</b>	<b>\$ 2,040</b>
Difference from Current Rates	\$	\$ (324)	\$ (520)	\$ (814)
		Delta from Settlement	\$ (196)	\$ (491)
Avg. kWh Rate	\$0.25	\$0.22	\$0.21	\$0.18
% of Delivery Bill that is Dist. Demand Charge	80%	45%	39%	28%

UNITIL EV-TOU-G1 BILL IMPACT - SUMMER - 10 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 86	\$ 86	\$ 86	\$ 86
Distribution Demand Charge	\$ 2,280	\$ 1,140	\$ 912	\$ 570
Distribution Energy Charge	\$ -	\$ 317	\$ 381	\$ 476
<b>Total Distribution Bill</b>	<b>\$ 2,366</b>	<b>\$ 1,544</b>	<b>\$ 1,379</b>	<b>\$ 1,132</b>
Total Transmission	\$ 826	\$ 2,141	\$ 2,141	\$ 2,141
Total Energy Service	\$ -	\$ -	\$ -	\$ -
Reconciling Items	\$ 151	\$ 151	\$ 151	\$ 151
<b>Total Bill</b>	<b>\$ 3,343</b>	<b>\$ 3,836</b>	<b>\$ 3,671</b>	<b>\$ 3,424</b>
Difference from Current Rates	\$	\$ 493	\$ 328	\$ 81
		Delta from Settlement	\$ (165)	\$ (411)
Avg. kWh Rate	\$0.15	\$0.17	\$0.16	\$0.15
% of Delivery Bill that is Dist. Demand Charge	68%	30%	25%	17%

UNITIL EV-TOU-G2 BILL IMPACT - SUMMER - 5 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 29	\$ 29	\$ 29	\$ 29
Distribution Demand Charge	\$ 1,577	\$ 788	\$ 631	\$ 394
Distribution Energy Charge	\$ -	\$ 129	\$ 155	\$ 194
<b>Total Distribution Bill</b>	<b>\$ 1,606</b>	<b>\$ 947</b>	<b>\$ 815</b>	<b>\$ 617</b>
Total Transmission	\$ 196	\$ 506	\$ 506	\$ 506
Total Energy Service	\$ 392	\$ 850	\$ 850	\$ 850
Reconciling Items	\$ 36	\$ 36	\$ 36	\$ 36
<b>Total Bill</b>	<b>\$ 2,230</b>	<b>\$ 2,338</b>	<b>\$ 2,207</b>	<b>\$ 2,009</b>
Difference from Current Rates	\$	\$ 109	\$ (23)	\$ (221)
		Delta from Settlement	\$ (132)	\$ (330)
Avg. kWh Rate	\$0.41	\$0.43	\$0.41	\$0.37
% of Total Bill that is Dist. Demand Charge	71%	34%	29%	20%

UNITIL EV-TOU-G2 BILL IMPACT - SUMMER - 10 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 29	\$ 29	\$ 29	\$ 29
Distribution Demand Charge	\$ 1,577	\$ 788	\$ 631	\$ 394
Distribution Energy Charge	\$ -	\$ 258	\$ 310	\$ 387
<b>Total Distribution Bill</b>	<b>\$ 1,606</b>	<b>\$ 1,076</b>	<b>\$ 970</b>	<b>\$ 811</b>
Total Transmission	\$ 392	\$ 1,013	\$ 1,013	\$ 1,013
Total Energy Service	\$ 784	\$ 1,699	\$ 1,699	\$ 1,699
Reconciling Items	\$ 71	\$ 71	\$ 71	\$ 71
<b>Total Bill</b>	<b>\$ 2,854</b>	<b>\$ 3,859</b>	<b>\$ 3,763</b>	<b>\$ 3,594</b>
Difference from Current Rates	\$	\$ 1,005	\$ 899	\$ 740
		Delta from Settlement	\$ (106)	\$ (265)
Avg. kWh Rate	\$0.26	\$0.36	\$0.35	\$0.33
% of Total Bill that is Dist. Demand Charge	55%	20%	17%	11%

UNITIL EV-TOU-G1 BILL IMPACT - WINTER - 5 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 86	\$ 86	\$ 86	\$ 86
Distribution Demand Charge	\$ 2,280	\$ 1,140	\$ 912	\$ 570
Distribution Energy Charge	\$ -	\$ 143	\$ 172	\$ 215
<b>Total Distribution Bill</b>	<b>\$ 2,366</b>	<b>\$ 1,389</b>	<b>\$ 1,370</b>	<b>\$ 1,170</b>
Total Transmission	\$ 413	\$ 1,128	\$ 1,128	\$ 1,128
Total Energy Service	\$ -	\$ -	\$ -	\$ -
Reconciling Items	\$ 75	\$ 75	\$ 75	\$ 75
<b>Total Bill</b>	<b>\$ 2,855</b>	<b>\$ 2,573</b>	<b>\$ 2,373</b>	<b>\$ 2,074</b>
Difference from Current Rates	\$	\$ (282)	\$ (481)	\$ (780)
		Delta from Settlement	\$ (199)	\$ (498)
Avg. kWh Rate	\$0.25	\$0.23	\$0.21	\$0.18
% of Delivery Bill that is Dist. Demand Charge	80%	44%	38%	27%

UNITIL EV-TOU-G1 BILL IMPACT - WINTER - 10 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 86	\$ 86	\$ 86	\$ 86
Distribution Demand Charge	\$ 2,280	\$ 1,140	\$ 912	\$ 570
Distribution Energy Charge	\$ -	\$ 287	\$ 344	\$ 430
<b>Total Distribution Bill</b>	<b>\$ 2,366</b>	<b>\$ 1,513</b>	<b>\$ 1,342</b>	<b>\$ 1,086</b>
Total Transmission	\$ 826	\$ 2,255	\$ 2,255	\$ 2,255
Total Energy Service	\$ -	\$ -	\$ -	\$ -
Reconciling Items	\$ 151	\$ 151	\$ 151	\$ 151
<b>Total Bill</b>	<b>\$ 3,343</b>	<b>\$ 3,919</b>	<b>\$ 3,748</b>	<b>\$ 3,492</b>
Difference from Current Rates	\$	\$ 576	\$ 405	\$ 149
		Delta from Settlement	\$ (171)	\$ (427)
Avg. kWh Rate	\$0.15	\$0.17	\$0.16	\$0.15
% of Delivery Bill that is Dist. Demand Charge	68%	29%	24%	16%

UNITIL EV-TOU-G2 BILL IMPACT - WINTER - 5 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 29	\$ 29	\$ 29	\$ 29
Distribution Demand Charge	\$ 1,577	\$ 788	\$ 631	\$ 394
Distribution Energy Charge	\$ -	\$ 114	\$ 137	\$ 171
<b>Total Distribution Bill</b>	<b>\$ 1,606</b>	<b>\$ 932</b>	<b>\$ 797</b>	<b>\$ 595</b>
Total Transmission	\$ 196	\$ 524	\$ 524	\$ 524
Total Energy Service	\$ 392	\$ 333	\$ 333	\$ 333
Reconciling Items	\$ 36	\$ 36	\$ 36	\$ 36
<b>Total Bill</b>	<b>\$ 2,230</b>	<b>\$ 1,824</b>	<b>\$ 1,690</b>	<b>\$ 1,487</b>
Difference from Current Rates	\$	\$ (405)	\$ (540)	\$ (742)
		Delta from Settlement	\$ (135)	\$ (337)
Avg. kWh Rate	\$0.41	\$0.34	\$0.31	\$0.28
% of Total Bill that is Dist. Demand Charge	71%	43%	37%	26%

UNITIL EV-TOU-G2 BILL IMPACT - WINTER - 10 PERCENT LOAD FACTOR				
	(Current Rates)	(Settlement - 50% Demand Rate)	(60% Demand Rate Reduction)	(75% Demand Rate Reduction)
Customer Charge	\$ 29	\$ 29	\$ 29	\$ 29
Distribution Demand Charge	\$ 1,577	\$ 788	\$ 631	\$ 394
Distribution Energy Charge	\$ -	\$ 229	\$ 274	\$ 343
<b>Total Distribution Bill</b>	<b>\$ 1,606</b>	<b>\$ 1,046</b>	<b>\$ 934</b>	<b>\$ 766</b>
Total Transmission	\$ 392	\$ 1,048	\$ 1,048	\$ 1,048
Total Energy Service	\$ 784	\$ 666	\$ 666	\$ 666
Reconciling Items	\$ 71	\$ 71	\$ 71	\$ 71
<b>Total Bill</b>	<b>\$ 2,854</b>	<b>\$ 2,831</b>	<b>\$ 2,719</b>	<b>\$ 2,551</b>
Difference from Current Rates	\$	\$ (23)	\$ (135)	\$ (302)
		Delta from Settlement	\$ (112)	\$ (280)
Avg. kWh Rate	\$0.26	\$0.26	\$0.25	\$0.24
% of Total Bill that is Dist. Demand Charge	55%	28%	23%	15%

**UNITIL EV-TOU-G1 BILL IMPACT - SUMMER**  
**5 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
1	<b>Monthly Usage Assumptions:</b>								
2	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
3	Peak (kWh)	50%	5,684	50%	5,684	40%	5,684	25%	5,684
4	Off Peak (kWh) Includes Weekend & Holiday	20%	2,274		2,274		2,274		2,274
5	Mid Peak (kWh)	30%	3,411		3,411		3,411		3,411
6	Total (kWh)		11,368		11,368		11,368		11,368
7	<b>Load Factor</b>		5%		5%		5%		5%
8		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
9		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
10	<b>5% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
11	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
12	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
13	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.631	\$ 92.69	1.957	\$ 111.22	2.446	\$ 139.03
14	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.105	\$ 25.13	1.327	\$ 30.16	1.658	\$ 37.70
15	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.197	\$ 40.82	1.436	\$ 48.98	1.795	\$ 61.23
16	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
17	<b>Total Distribution Energy</b>		\$ -		\$ 158.64		\$ 190.37		\$ 237.96
18	<b>Total Distribution Bill</b>		\$2,366.49		\$1,385.13		\$1,188.86		\$894.45
19	Difference from Current Rates				(\$981.36)		(\$1,177.63)		(\$490.68)
20	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.424	\$ 990.43	17.424	\$ 990.43	17.424	\$ 990.43
21	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 9.28	0.408	\$ 9.28	0.408	\$ 9.28
22	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	2.081	\$ 70.97	2.081	\$ 70.97	2.081	\$ 70.97
23	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 412.93	0.000	\$ -	0.000	\$ -	0.000	\$ -
24	<b>Total Transmission</b>		\$ 412.93		\$ 1,070.68		\$ 1,070.68		\$ 1,070.68
25	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
26	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
27	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
28	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
29	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
30	Non-Tx External Delivery Charge	-0.135	\$ (15.35)	-0.135	\$ (15.35)	-0.135	\$ (15.35)	-0.135	\$ (15.35)
31	Stranded Cost Charge	-0.002	\$ (0.23)	-0.002	\$ (0.23)	-0.002	\$ (0.23)	-0.002	\$ (0.23)
32	System Benefits Charge	0.752	\$ 85.49	0.752	\$ 85.49	0.752	\$ 85.49	0.752	\$ 85.49
33	Storm Recovery Adjustment Factor	0.047	\$ 5.34	0.047	\$ 5.34	0.047	\$ 5.34	0.047	\$ 5.34
34	<b>Total Bill</b>		\$2,854.68		\$2,531.07		\$2,334.80		\$2,040.39
35	Difference from Current Rates				(\$323.61)		(\$519.88)		(\$814.29)
36		Avg. kWh Rate	\$0.25	Avg. kWh Rate	\$0.22	Avg. kWh Rate	\$0.21	Avg. kWh Rate	\$0.18

**UNITIL EV-TOU-G1 BILL IMPACT - SUMMER**  
**10 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
38	<b>Monthly Usage Assumptions:</b>								
39	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
40	Peak (kWh)	50%	11,368	50%	11,368	40%	11,368	25%	11,368
41	Off Peak (kWh) Includes Weekend & Holiday	20%	4,547		4,547		4,547		4,547
42	Mid Peak (kWh)	30%	6,821		6,821		6,821		6,821
43	Total (kWh)		22,737		22,737		22,737		22,737
44	<b>Load Factor</b>		10%		10%		10%		10%
45		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
46		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
47	<b>10% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
48	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
49	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
50	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.631	\$ 185.37	1.957	\$ 222.44	2.446	\$ 278.06
51	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.105	\$ 50.27	1.327	\$ 60.32	1.658	\$ 75.40
52	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.197	\$ 81.64	1.436	\$ 97.97	1.795	\$ 122.46
53	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
54	<b>Total Distribution Energy</b>		\$ -		\$ 317.28		\$ 380.73		\$ 475.92
55	<b>Total Distribution Bill</b>		\$2,366.49		\$1,543.77		\$1,379.22		\$1,132.41
56	Difference from Current Rates				(\$822.72)		(\$987.27)		(\$411.36)
57	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.424	\$ 1,980.85	17.424	\$ 1,980.85	17.424	\$ 1,980.85
58	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 18.56	0.408	\$ 18.56	0.408	\$ 18.56
59	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	2.081	\$ 141.94	2.081	\$ 141.94	2.081	\$ 141.94
60	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 825.86	0.000	\$ -	0.000	\$ -	0.000	\$ -
61	<b>Total Transmission</b>		\$ 825.86		\$ 2,141.36		\$ 2,141.36		\$ 2,141.36
62	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
63	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
64	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
65	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
66	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
67	Non-Tx External Delivery Charge	-0.135	\$ (30.69)	-0.135	\$ (30.69)	-0.135	\$ (30.69)	-0.135	\$ (30.69)
68	Stranded Cost Charge	-0.002	\$ (0.45)	-0.002	\$ (0.45)	-0.002	\$ (0.45)	-0.002	\$ (0.45)
69	System Benefits Charge	0.752	\$ 170.98	0.752	\$ 170.98	0.752	\$ 170.98	0.752	\$ 170.98
70	Storm Recovery Adjustment Factor	0.047	\$ 10.69	0.047	\$ 10.69	0.047	\$ 10.69	0.047	\$ 10.69
71	<b>Total Bill</b>		\$3,342.87		\$3,835.65		\$3,671.10		\$3,424.28
72	Difference from Current Rates				\$492.78		\$328.23		\$81.41
73		Avg. kWh Rate	\$0.15	Avg. kWh Rate	\$0.17	Avg. kWh Rate	\$0.16	Avg. kWh Rate	\$0.15

**UNITIL EV-TOU-G1 BILL IMPACT - SUMMER**  
**19 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
75	<b>Monthly Usage Assumptions:</b>								
76	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
77	Peak (kWh)	50%	21,600	50%	21,600	40%	21,600	25%	21,600
78	Off Peak (kWh) Includes Weekend & Holiday	20%	8,640		8,640		8,640		8,640
79	Mid Peak (kWh)	30%	12,960		12,960		12,960		12,960
80	Total (kWh)		43,200		43,200		43,200		43,200
81	<b>Load Factor</b>		19%		19%		19%		19%
82		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
83		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
84	<b>19% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
85	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
86	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
87	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.631	\$ 352.20	1.957	\$ 422.64	2.446	\$ 528.31
88	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.105	\$ 95.51	1.327	\$ 114.61	1.658	\$ 143.27
89	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.197	\$ 155.11	1.436	\$ 186.14	1.795	\$ 232.67
90	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
91	<b>Total Distribution Energy</b>		\$ -		\$ 602.83		\$ 723.39		\$ 904.24
92	<b>Total Distribution Bill</b>		\$2,366.49		\$1,829.32		\$1,721.88		\$1,560.73
93	Difference from Current Rates				(\$537.17)		(\$644.61)		(\$268.59)
94	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.424	\$ 3,763.62	17.424	\$ 3,763.62	17.424	\$ 3,763.62
95	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 35.27	0.408	\$ 35.27	0.408	\$ 35.27
96	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	2.081	\$ 269.69	2.081	\$ 269.69	2.081	\$ 269.69
97	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 1,569.14	0.000	\$ -	0.000	\$ -	0.000	\$ -
98	<b>Total Transmission</b>		\$ 1,569.14		\$ 4,068.58		\$ 4,068.58		\$ 4,068.58
99	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
100	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
101	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
102	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
103	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
104	Non-Tx External Delivery Charge	-0.135	\$ (58.32)	-0.135	\$ (58.32)	-0.135	\$ (58.32)	-0.135	\$ (58.32)
105	Stranded Cost Charge	-0.002	\$ (0.86)	-0.002	\$ (0.86)	-0.002	\$ (0.86)	-0.002	\$ (0.86)
106	System Benefits Charge	0.752	\$ 324.86	0.752	\$ 324.86	0.752	\$ 324.86	0.752	\$ 324.86
107	Storm Recovery Adjustment Factor	0.047	\$ 20.30	0.047	\$ 20.30	0.047	\$ 20.30	0.047	\$ 20.30
108	<b>Total Bill</b>		\$4,221.61		\$6,183.88		\$6,076.45		\$5,915.30
109	Difference from Current Rates				\$1,962.27		\$1,854.84		\$1,693.69
		Avg. kWh Rate	\$0.10	Avg. kWh Rate	\$0.14	Avg. kWh Rate	\$0.14	Avg. kWh Rate	\$0.14

**UNITIL EV-TOU-G2 BILL IMPACT - SUMMER**  
**5 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
1	<b>Monthly Usage Assumptions:</b>								
2	Peak Demand (kW)	% of kWh	150	Demand Rate	150	Demand Rate	150	Demand Rate	150
3	Peak (kWh)	50%	2,700	50%	2,700	40%	2,700	25%	2,700
4	Off Peak (kWh) Includes Weekend & Holiday	20%	1,080		1,080		1,080		1,080
5	Mid Peak (kWh)	30%	1,620		1,620		1,620		1,620
6	Total (kWh)		5,400		5,400		5,400		5,400
7	<b>Load Factor</b>		5%		5%		5%		5%
8		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
9		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
10	<b>5% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
11	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
12	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
13	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.802	\$ 75.67	3.363	\$ 90.80	4.204	\$ 113.50
14	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	2.033	\$ 21.95	2.439	\$ 26.34	3.049	\$ 32.93
15	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.944	\$ 31.50	2.333	\$ 37.80	2.917	\$ 47.25
16	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
17	<b>Total Distribution Energy</b>		\$ -		\$ 129.12		\$ 154.94		\$ 193.68
18	<b>Total Distribution Bill</b>		<b>\$1,605.69</b>		<b>\$946.56</b>		<b>\$814.73</b>		<b>\$616.99</b>
19	Difference from Current Rates				(\$659.13)		(\$790.96)		(\$329.57)
20	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.398	\$ 469.75	17.398	\$ 469.75	17.398	\$ 469.75
21	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 4.41	0.408	\$ 4.41	0.408	\$ 4.41
22	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	1.987	\$ 32.19	1.987	\$ 32.19	1.987	\$ 32.19
23	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 196.14	0.000	\$ -	0.000	\$ -	0.000	\$ -
24	<b>Total Transmission</b>		\$ 196.14		\$ 506.35		\$ 506.35		\$ 506.35
25	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	25.774	\$ 695.89	25.774	\$ 695.89	25.774	\$ 695.89
26	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	4.919	\$ 53.12	4.919	\$ 53.12	4.919	\$ 53.12
27	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	6.216	\$ 100.70	6.216	\$ 100.70	6.216	\$ 100.70
28	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 392.20	0.000	\$ -	0.000	\$ -	0.000	\$ -
29	<b>Total Energy Service</b>		\$ 392.20		\$ 849.71		\$ 849.71		\$ 849.71
30	Non-Tx External Delivery Charge	-0.135	\$ (7.29)	-0.135	\$ (7.29)	-0.135	\$ (7.29)	-0.135	\$ (7.29)
31	Stranded Cost Charge	-0.002	\$ (0.11)	-0.002	\$ (0.11)	-0.002	\$ (0.11)	-0.002	\$ (0.11)
32	System Benefits Charge	0.752	\$ 40.61	0.752	\$ 40.61	0.752	\$ 40.61	0.752	\$ 40.61
33	Storm Recovery Adjustment Factor	0.047	\$ 2.54	0.047	\$ 2.54	0.047	\$ 2.54	0.047	\$ 2.54
34	<b>Total Bill</b>		<b>\$2,229.78</b>		<b>\$2,338.36</b>		<b>\$2,206.54</b>		<b>\$2,008.80</b>
35	Difference from Current Rates				\$108.58		(\$23.24)		(\$220.98)
36		Avg. kWh Rate	\$0.41	Avg. kWh Rate	\$0.43	Avg. kWh Rate	\$0.41	Avg. kWh Rate	\$0.37

**UNITIL EV-TOU-G2 BILL IMPACT - SUMMER**  
**10 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
38	<b>Monthly Usage Assumptions:</b>								
39	Peak Demand (kW)		150	Demand Rate	150	Demand Rate	150	Demand Rate	150
40	Peak (kWh)	50%	5,400	50%	5,400	40%	5,400	25%	5,400
41	Off Peak (kWh) Includes Weekend & Holiday	20%	2,160		2,160		2,160		2,160
42	Mid Peak (kWh)	30%	3,240		3,240		3,240		3,240
43	Total (kWh)		10,800		10,800		10,800		10,800
44	<b>Load Factor</b>		10%		10%		10%		10%
45		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
46		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
47	<b>10% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
48	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
49	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
50	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.802	\$ 151.33	3.363	\$ 181.60	4.204	\$ 227.00
51	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	2.033	\$ 43.91	2.439	\$ 52.69	3.049	\$ 65.86
52	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.944	\$ 63.00	2.333	\$ 75.60	2.917	\$ 94.50
53	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
54	<b>Total Distribution Energy</b>		\$ -		\$ 258.24		\$ 309.88		\$ 387.35
55	<b>Total Distribution Bill</b>		<b>\$1,605.69</b>		<b>\$1,075.68</b>		<b>\$969.67</b>		<b>\$810.67</b>
56	Difference from Current Rates				<b>(\$530.01)</b>		<b>(\$636.02)</b>		<b>(\$265.01)</b>
57	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.398	\$ 939.50	17.398	\$ 939.50	17.398	\$ 939.50
58	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 8.82	0.408	\$ 8.82	0.408	\$ 8.82
59	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	1.987	\$ 64.37	1.987	\$ 64.37	1.987	\$ 64.37
60	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 392.28	0.000	\$ -	0.000	\$ -	0.000	\$ -
61	<b>Total Transmission</b>		\$ 392.28		\$ 1,012.69		\$ 1,012.69		\$ 1,012.69
62	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	25.774	\$ 1,391.78	25.774	\$ 1,391.78	25.774	\$ 1,391.78
63	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	4.919	\$ 106.24	4.919	\$ 106.24	4.919	\$ 106.24
64	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	6.216	\$ 201.40	6.216	\$ 201.40	6.216	\$ 201.40
65	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 784.40	0.000	\$ -	0.000	\$ -	0.000	\$ -
66	<b>Total Energy Service</b>		\$ 784.40		\$ 1,699.42		\$ 1,699.42		\$ 1,699.42
67	Non-Tx External Delivery Charge	-0.135	\$ (14.58)	-0.135	\$ (14.58)	-0.135	\$ (14.58)	-0.135	\$ (14.58)
68	Stranded Cost Charge	-0.002	\$ (0.22)	-0.002	\$ (0.22)	-0.002	\$ (0.22)	-0.002	\$ (0.22)
69	System Benefits Charge	0.752	\$ 81.22	0.752	\$ 81.22	0.752	\$ 81.22	0.752	\$ 81.22
70	Storm Recovery Adjustment Factor	0.047	\$ 5.08	0.047	\$ 5.08	0.047	\$ 5.08	0.047	\$ 5.08
71	<b>Total Bill</b>		<b>\$2,853.87</b>		<b>\$3,859.29</b>		<b>\$3,753.28</b>		<b>\$3,594.28</b>
72	Difference from Current Rates				\$1,005.42		\$899.41		\$740.41
73		Avg. kWh Rate	\$0.26	Avg. kWh Rate	\$0.36	Avg. kWh Rate	\$0.35	Avg. kWh Rate	\$0.33

**UNITIL EV-TOU-G2 BILL IMPACT - SUMMER**  
**19 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
75	<b>Monthly Usage Assumptions:</b>								
76	Peak Demand (kW)	% of kWh	150	Demand Rate	150	Demand Rate	150	Demand Rate	150
77	Peak (kWh)	50%	10,260	50%	10,260	40%	10,260	25%	10,260
78	Off Peak (kWh) Includes Weekend & Holiday	20%	4,104		4,104		4,104		4,104
79	Mid Peak (kWh)	30%	6,156		6,156		6,156		6,156
80	Total (kWh)		20,520		20,520		20,520		20,520
81	<b>Load Factor</b>		19%		19%		19%		19%
82		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
83		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
84	<b>19% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
85	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
86	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
87	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.802	\$ 287.53	3.363	\$ 345.04	4.204	\$ 431.30
88	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	2.033	\$ 83.42	2.439	\$ 100.11	3.049	\$ 125.13
89	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.944	\$ 119.69	2.333	\$ 143.63	2.917	\$ 179.54
90	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
91	<b>Total Distribution Energy</b>		\$ -		\$ 490.65		\$ 588.78		\$ 735.97
92	<b>Total Distribution Bill</b>		<b>\$1,605.69</b>		<b>\$1,308.09</b>		<b>\$1,248.57</b>		<b>\$1,159.29</b>
93	Difference from Current Rates				(\$297.60)		(\$357.12)		(\$148.80)
94	Transmission Charge Peak (cents/kWh)	0.000	\$ -	17.398	\$ 1,785.05	17.398	\$ 1,785.05	17.398	\$ 1,785.05
95	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.408	\$ 16.75	0.408	\$ 16.75	0.408	\$ 16.75
96	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	1.987	\$ 122.31	1.987	\$ 122.31	1.987	\$ 122.31
97	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 745.34	0.000	\$ -	0.000	\$ -	0.000	\$ -
98	<b>Total Transmission</b>		\$ 745.34		\$ 1,924.12		\$ 1,924.12		\$ 1,924.12
99	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	25.774	\$ 2,644.39	25.774	\$ 2,644.39	25.774	\$ 2,644.39
100	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	4.919	\$ 201.86	4.919	\$ 201.86	4.919	\$ 201.86
101	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	6.216	\$ 382.65	6.216	\$ 382.65	6.216	\$ 382.65
102	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 1,490.36	0.000	\$ -	0.000	\$ -	0.000	\$ -
103	<b>Total Energy Service</b>		\$ 1,490.36		\$ 3,228.90		\$ 3,228.90		\$ 3,228.90
104	Non-Tx External Delivery Charge	-0.135	\$ (27.70)	-0.135	\$ (27.70)	-0.135	\$ (27.70)	-0.135	\$ (27.70)
105	Stranded Cost Charge	-0.002	\$ (0.41)	-0.002	\$ (0.41)	-0.002	\$ (0.41)	-0.002	\$ (0.41)
106	System Benefits Charge	0.752	\$ 154.31	0.752	\$ 154.31	0.752	\$ 154.31	0.752	\$ 154.31
107	Storm Recovery Adjustment Factor	0.047	\$ 9.64	0.047	\$ 9.64	0.047	\$ 9.64	0.047	\$ 9.64
108	<b>Total Bill</b>		<b>\$3,977.23</b>		<b>\$6,596.95</b>		<b>\$6,537.43</b>		<b>\$6,448.15</b>
109	Difference from Current Rates				\$2,619.72		\$2,560.20		\$2,470.91
		Avg. kWh Rate	\$0.19	Avg. kWh Rate	\$0.32	Avg. kWh Rate	\$0.32	Avg. kWh Rate	\$0.31



**UNITIL EV-TOU-G1 BILL IMPACT - WINTER**  
**5 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
1	<b>Monthly Usage Assumptions:</b>								
2	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
3	Peak (kWh)	50%	5,684	50%	5,684	40%	5,684	25%	5,684
4	Off Peak (kWh) Includes Weekend & Holiday	20%	2,274		2,274		2,274		2,274
5	Mid Peak (kWh)	30%	3,411		3,411		3,411		3,411
6	Total (kWh)		11,368		11,368		11,368		11,368
7	<b>Load Factor</b>		5%		5%		5%		5%
8		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
9		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>
10	<b>5% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
11	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
12	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
13	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.400	\$ 79.59	1.680	\$ 95.50	2.100	\$ 119.38
14	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.087	\$ 24.71	1.304	\$ 29.65	1.630	\$ 37.06
15	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.145	\$ 39.03	1.373	\$ 46.84	1.717	\$ 58.55
16	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
17	<b>Total Distribution Energy</b>		\$ -		\$ 143.33		\$ 172.00		\$ 214.99
18	<b>Total Distribution Bill</b>		\$2,366.49		\$1,369.82		\$1,170.49		\$871.48
19	Difference from Current Rates				(\$996.67)		(\$1,196.00)		(\$498.34)
20	Transmission Charge Peak (cents/kWh)	0.000	\$ -	19.176	\$ 1,090.01	19.176	\$ 1,090.01	19.176	\$ 1,090.01
21	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.591	\$ 13.43	0.591	\$ 13.43	0.591	\$ 13.43
22	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.710	\$ 24.21	0.710	\$ 24.21	0.710	\$ 24.21
23	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 412.93	0.000	\$ -	0.000	\$ -	0.000	\$ -
24	<b>Total Transmission</b>		\$ 412.93		\$ 1,127.65		\$ 1,127.65		\$ 1,127.65
25	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
26	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
27	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
28	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
29	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
30	Non-Tx External Delivery Charge	-0.135	\$ (15.35)	-0.135	\$ (15.35)	-0.135	\$ (15.35)	-0.135	\$ (15.35)
31	Stranded Cost Charge	-0.002	\$ (0.23)	-0.002	\$ (0.23)	-0.002	\$ (0.23)	-0.002	\$ (0.23)
32	System Benefits Charge	0.752	\$ 85.49	0.752	\$ 85.49	0.752	\$ 85.49	0.752	\$ 85.49
33	Storm Recovery Adjustment Factor	0.047	\$ 5.34	0.047	\$ 5.34	0.047	\$ 5.34	0.047	\$ 5.34
34	<b>Total Bill</b>		\$2,854.68		\$2,572.73		\$2,373.40		\$2,074.39
35	Difference from Current Rates				(\$281.95)		(\$481.28)		(\$780.29)
36		Avg. kWh Rate	\$0.25	Avg. kWh Rate	\$0.23	Avg. kWh Rate	\$0.21	Avg. kWh Rate	\$0.18

**UNITL EV-TOU-G1 BILL IMPACT - WINTER**  
**10 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
38	<b>Monthly Usage Assumptions:</b>								
39	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
40	Peak (kWh)	50%	11,368	50%	11,368	40%	11,368	25%	11,368
41	Off Peak (kWh) Includes Weekend & Holiday	20%	4,547		4,547		4,547		4,547
42	Mid Peak (kWh)	30%	6,821		6,821		6,821		6,821
43	Total (kWh)		22,737		22,737		22,737		22,737
44	<b>Load Factor</b>		10%		10%		10%		10%
45		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
46		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>
47	<b>10% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
48	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
49	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
50	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.400	\$ 159.17	1.680	\$ 191.01	2.100	\$ 238.76
51	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.087	\$ 49.42	1.304	\$ 59.30	1.630	\$ 74.13
52	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.145	\$ 78.07	1.373	\$ 93.68	1.717	\$ 117.10
53	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
54	<b>Total Distribution Energy</b>		\$ -		\$ 286.66		\$ 343.99		\$ 429.99
55	<b>Total Distribution Bill</b>		\$2,366.49		\$1,513.15		\$1,342.48		\$1,086.48
56	Difference from Current Rates				(\$853.34)		(\$1,024.01)		(\$426.67)
57	Transmission Charge Peak (cents/kWh)	0.000	\$ -	19.176	\$ 2,180.02	19.176	\$ 2,180.02	19.176	\$ 2,180.02
58	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.591	\$ 26.85	0.591	\$ 26.85	0.591	\$ 26.85
59	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.710	\$ 48.43	0.710	\$ 48.43	0.710	\$ 48.43
60	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 825.86	0.000	\$ -	0.000	\$ -	0.000	\$ -
61	<b>Total Transmission</b>		\$ 825.86		\$ 2,255.30		\$ 2,255.30		\$ 2,255.30
62	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
63	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
64	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
65	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
66	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
67	Non-Tx External Delivery Charge	-0.135	\$ (30.69)	-0.135	\$ (30.69)	-0.135	\$ (30.69)	-0.135	\$ (30.69)
68	Stranded Cost Charge	-0.002	\$ (0.45)	-0.002	\$ (0.45)	-0.002	\$ (0.45)	-0.002	\$ (0.45)
69	System Benefits Charge	0.752	\$ 170.98	0.752	\$ 170.98	0.752	\$ 170.98	0.752	\$ 170.98
70	Storm Recovery Adjustment Factor	0.047	\$ 10.69	0.047	\$ 10.69	0.047	\$ 10.69	0.047	\$ 10.69
71	<b>Total Bill</b>		\$3,342.87		\$3,918.97		\$3,748.30		\$3,492.30
72	Difference from Current Rates				\$576.10		\$405.43		\$149.43
73		Avg. kWh Rate	\$0.15	Avg. kWh Rate	\$0.17	Avg. kWh Rate	\$0.16	Avg. kWh Rate	\$0.15

**UNITIL EV-TOU-G1 BILL IMPACT - WINTER  
19 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
75	<b>Monthly Usage Assumptions:</b>								
76	Peak Demand (kVa)	% of kWh	300	Demand Rate	300	Demand Rate	300	Demand Rate	300
77	Peak (kWh)	50%	21,600	50%	21,600	40%	21,600	25%	21,600
78	Off Peak (kWh) Includes Weekend & Holiday	20%	8,640		8,640		8,640		8,640
79	Mid Peak (kWh)	30%	12,960		12,960		12,960		12,960
80	Total (kWh)		43,200		43,200		43,200		43,200
81	<b>Load Factor</b>		19%		19%		19%		19%
82		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
83		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>	<b>Rate</b>	<b>Winter</b>
84	<b>19% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
85	Customer Charge	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49	\$86.49
86	<b>Distribution Demand Rate (\$/kVa)</b>	\$ 7.60	\$ 2,280.00	\$ 3.80	\$ 1,140.00	\$ 3.04	\$ 912.00	\$ 1.90	\$ 570.00
87	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	1.400	\$ 302.43	1.680	\$ 362.91	2.100	\$ 453.64
88	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.087	\$ 93.90	1.304	\$ 112.67	1.630	\$ 140.84
89	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.145	\$ 148.33	1.373	\$ 178.00	1.717	\$ 222.49
90	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
91	<b>Total Distribution Energy</b>		\$ -		\$ 544.65		\$ 653.58		\$ 816.98
92	<b>Total Distribution Bill</b>		<b>\$2,366.49</b>		<b>\$1,771.14</b>		<b>\$1,652.07</b>		<b>\$1,473.47</b>
93	Difference from Current Rates				(\$595.35)		(\$714.42)		(\$297.67)
94	Transmission Charge Peak (cents/kWh)	0.000	\$ -	19.176	\$ 4,142.03	19.176	\$ 4,142.03	19.176	\$ 4,142.03
95	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.591	\$ 51.02	0.591	\$ 51.02	0.591	\$ 51.02
96	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.710	\$ 92.02	0.710	\$ 92.02	0.710	\$ 92.02
97	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 1,569.14	0.000	\$ -	0.000	\$ -	0.000	\$ -
98	<b>Total Transmission</b>		\$ 1,569.14		\$ 4,285.07		\$ 4,285.07		\$ 4,285.07
99	Energy Service Charge Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
100	Energy Service Charge Off Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
101	Energy Service Charge Mid Peak	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
102	Energy Service Charge (Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
103	<b>Total Energy Service</b>		\$ -		\$ -		\$ -		\$ -
104	Non-Tx External Delivery Charge	-0.135	\$ (58.32)	-0.135	\$ (58.32)	-0.135	\$ (58.32)	-0.135	\$ (58.32)
105	Stranded Cost Charge	-0.002	\$ (0.86)	-0.002	\$ (0.86)	-0.002	\$ (0.86)	-0.002	\$ (0.86)
106	System Benefits Charge	0.752	\$ 324.86	0.752	\$ 324.86	0.752	\$ 324.86	0.752	\$ 324.86
107	Storm Recovery Adjustment Factor	0.047	\$ 20.30	0.047	\$ 20.30	0.047	\$ 20.30	0.047	\$ 20.30
108	<b>Total Bill</b>		<b>\$4,221.61</b>		<b>\$6,342.20</b>		<b>\$6,223.13</b>		<b>\$6,044.53</b>
109	Difference from Current Rates				\$2,120.59		\$2,001.52		\$1,822.92
		Avg. kWh Rate	\$0.10	Avg. kWh Rate	\$0.15	Avg. kWh Rate	\$0.14	Avg. kWh Rate	\$0.14

**UNITIL EV-TOU-G2 BILL IMPACT - WINTER**  
**5 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
1	<b>Monthly Usage Assumptions:</b>								
2	Peak Demand (kW)		150	Demand Rate	150	Demand Rate	150	Demand Rate	150
3	Peak (kWh)	50%	2,700	50%	2,700	40%	2,700	25%	2,700
4	Off Peak (kWh) Includes Weekend & Holiday	20%	1,080		1,080		1,080		1,080
5	Mid Peak (kWh)	30%	1,620		1,620		1,620		1,620
6	Total (kWh)		5,400		5,400		5,400		5,400
7	<b>Load Factor</b>		5%		5%		5%		5%
8		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
9		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
10	<b>5% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
11	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
12	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
13	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.355	\$ 63.58	2.826	\$ 76.30	3.532	\$ 95.38
14	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.900	\$ 20.52	2.279	\$ 24.62	2.849	\$ 30.77
15	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.862	\$ 30.16	2.234	\$ 36.19	2.793	\$ 45.24
16	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
17	<b>Total Distribution Energy</b>		\$ -		\$ 114.26		\$ 137.11		\$ 171.39
18	<b>Total Distribution Bill</b>		<b>\$1,605.69</b>		<b>\$931.70</b>		<b>\$796.90</b>		<b>\$594.70</b>
19	Difference from Current Rates				(\$673.99)		(\$808.79)		(\$337.00)
20	Transmission Charge Peak (cents/kWh)	0.000	\$ -	18.747	\$ 506.16	18.747	\$ 506.16	18.747	\$ 506.16
21	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.593	\$ 6.41	0.593	\$ 6.41	0.593	\$ 6.41
22	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.693	\$ 11.23	0.693	\$ 11.23	0.693	\$ 11.23
23	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 196.14	0.000	\$ -	0.000	\$ -	0.000	\$ -
24	<b>Total Transmission</b>		\$ 196.14		\$ 523.80		\$ 523.80		\$ 523.80
25	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	6.809	\$ 183.85	6.809	\$ 183.85	6.809	\$ 183.85
26	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	5.390	\$ 58.21	5.390	\$ 58.21	5.390	\$ 58.21
27	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	5.620	\$ 91.05	5.620	\$ 91.05	5.620	\$ 91.05
28	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 392.20	0.000	\$ -	0.000	\$ -	0.000	\$ -
29	<b>Total Energy Service</b>		\$ 392.20		\$ 333.12		\$ 333.12		\$ 333.12
30	Non-Tx External Delivery Charge	-0.135	\$ (7.29)	-0.135	\$ (7.29)	-0.135	\$ (7.29)	-0.135	\$ (7.29)
31	Stranded Cost Charge	-0.002	\$ (0.11)	-0.002	\$ (0.11)	-0.002	\$ (0.11)	-0.002	\$ (0.11)
32	System Benefits Charge	0.752	\$ 40.61	0.752	\$ 40.61	0.752	\$ 40.61	0.752	\$ 40.61
33	Storm Recovery Adjustment Factor	0.047	\$ 2.54	0.047	\$ 2.54	0.047	\$ 2.54	0.047	\$ 2.54
34	<b>Total Bill</b>		<b>\$2,229.78</b>		<b>\$1,824.36</b>		<b>\$1,689.56</b>		<b>\$1,487.37</b>
35	Difference from Current Rates				(\$405.42)		(\$540.22)		(\$742.41)
36		Avg. kWh Rate	\$0.41	Avg. kWh Rate	\$0.34	Avg. kWh Rate	\$0.31	Avg. kWh Rate	\$0.28

**UNITIL EV-TOU-G2 BILL IMPACT - WINTER**  
**10 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
38	<b>Monthly Usage Assumptions:</b>								
39	Peak Demand (kW)		150	Demand Rate	150	Demand Rate	150	Demand Rate	150
40	Peak (kWh)	50%	5,400	50%	5,400	40%	5,400	25%	5,400
41	Off Peak (kWh) Includes Weekend & Holiday	20%	2,160		2,160		2,160		2,160
42	Mid Peak (kWh)	30%	3,240		3,240		3,240		3,240
43	Total (kWh)		10,800		10,800		10,800		10,800
44	<b>Load Factor</b>		10%		10%		10%		10%
45		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
46		<b>Rate</b>	<b>Monthly</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>	<b>Rate</b>	<b>Summer</b>
47	<b>10% Load Factor</b>	<b>G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>	<b>EV-TOU-G1</b>	<b>Revenue</b>
48	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
49	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
50	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.355	\$ 127.17	2.826	\$ 152.60	3.532	\$ 190.75
51	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.900	\$ 41.03	2.279	\$ 49.24	2.849	\$ 61.55
52	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.862	\$ 60.32	2.234	\$ 72.39	2.793	\$ 90.48
53	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
54	<b>Total Distribution Energy</b>		\$ -		\$ 228.52		\$ 274.22		\$ 342.78
55	<b>Total Distribution Bill</b>		<b>\$1,605.69</b>		<b>\$1,045.96</b>		<b>\$934.01</b>		<b>\$766.09</b>
56	Difference from Current Rates				(\$559.73)		(\$671.68)		(\$279.87)
57	Transmission Charge Peak (cents/kWh)	0.000	\$ -	18.747	\$ 1,012.31	18.747	\$ 1,012.31	18.747	\$ 1,012.31
58	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.593	\$ 12.82	0.593	\$ 12.82	0.593	\$ 12.82
59	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.693	\$ 22.47	0.693	\$ 22.47	0.693	\$ 22.47
60	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 392.28	0.000	\$ -	0.000	\$ -	0.000	\$ -
61	<b>Total Transmission</b>		\$ 392.28		\$ 1,047.60		\$ 1,047.60		\$ 1,047.60
62	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	6.809	\$ 367.70	6.809	\$ 367.70	6.809	\$ 367.70
63	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	5.390	\$ 116.42	5.390	\$ 116.42	5.390	\$ 116.42
64	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	5.620	\$ 182.10	5.620	\$ 182.10	5.620	\$ 182.10
65	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 784.40	0.000	\$ -	0.000	\$ -	0.000	\$ -
66	<b>Total Energy Service</b>		\$ 784.40		\$ 666.23		\$ 666.23		\$ 666.23
67	Non-Tx External Delivery Charge	-0.135	\$ (14.58)	-0.135	\$ (14.58)	-0.135	\$ (14.58)	-0.135	\$ (14.58)
68	Stranded Cost Charge	-0.002	\$ (0.22)	-0.002	\$ (0.22)	-0.002	\$ (0.22)	-0.002	\$ (0.22)
69	System Benefits Charge	0.752	\$ 81.22	0.752	\$ 81.22	0.752	\$ 81.22	0.752	\$ 81.22
70	Storm Recovery Adjustment Factor	0.047	\$ 5.08	0.047	\$ 5.08	0.047	\$ 5.08	0.047	\$ 5.08
71	<b>Total Bill</b>		<b>\$2,853.87</b>		<b>\$2,831.28</b>		<b>\$2,719.34</b>		<b>\$2,551.42</b>
72	Difference from Current Rates				(\$22.59)		(\$134.54)		(\$302.45)
73		Avg. kWh Rate	\$0.26	Avg. kWh Rate	\$0.26	Avg. kWh Rate	\$0.25	Avg. kWh Rate	\$0.24

**UNITIL EV-TOU-G2 BILL IMPACT - WINTER**  
**19 PERCENT LOAD FACTOR**

Line No.	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
75	<b>Monthly Usage Assumptions:</b>								
76	Peak Demand (kW)	% of kWh	150	Demand Rate	150	Demand Rate	150	Demand Rate	150
77	Peak (kWh)	50%	10,260	50%	10,260	40%	10,260	25%	10,260
78	Off Peak (kWh) Includes Weekend & Holiday	20%	4,104		4,104		4,104		4,104
79	Mid Peak (kWh)	30%	6,156		6,156		6,156		6,156
80	Total (kWh)		20,520		20,520		20,520		20,520
81	<b>Load Factor</b>		19%		19%		19%		19%
82		<b>(Current Rates)</b>		<b>(Settlement - 50% Demand Rate)</b>		<b>(60% Demand Rate Reduction)</b>		<b>(75% Demand Rate Reduction)</b>	
83		Rate	Monthly	Rate	Summer	Rate	Summer	Rate	Summer
84	<b>19% Load Factor</b>	G1	Revenue	EV-TOU-G1	Revenue	EV-TOU-G1	Revenue	EV-TOU-G1	Revenue
85	Customer Charge	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19	\$29.19
86	<b>Distribution Demand Rate (\$/kW)</b>	\$ 10.51	\$ 1,576.50	\$ 5.26	\$ 788.25	\$ 4.20	\$ 630.60	\$ 2.63	\$ 394.13
87	Total Distribution Charge Peak (cents/kWh)	0.000	\$ -	2.355	\$ 241.62	2.826	\$ 289.94	3.532	\$ 362.43
88	Total Distribution Charge Off Peak (cents/kWh)	0.000	\$ -	1.900	\$ 77.96	2.279	\$ 93.55	2.849	\$ 116.94
89	Total Distribution Charge Mid Peak (cents/kWh)	0.000	\$ -	1.862	\$ 114.61	2.234	\$ 137.53	2.793	\$ 171.92
90	Total Distribution Charge (cents/kWh - Non TVR)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
91	<b>Total Distribution Energy</b>		\$ -		\$ 434.19		\$ 521.02		\$ 651.28
92	<b>Total Distribution Bill</b>		\$1,605.69		\$1,251.63		\$1,180.81		\$1,074.59
93	Difference from Current Rates				(\$354.06)		(\$424.88)		(\$177.03)
94	Transmission Charge Peak (cents/kWh)	0.000	\$ -	18.747	\$ 1,923.40	18.747	\$ 1,923.40	18.747	\$ 1,923.40
95	Transmission Charge Off Peak (cents/kWh)	0.000	\$ -	0.593	\$ 24.35	0.593	\$ 24.35	0.593	\$ 24.35
96	Transmission Charge Mid Peak (cents/kWh)	0.000	\$ -	0.693	\$ 42.69	0.693	\$ 42.69	0.693	\$ 42.69
97	Transmission Charge (cents/kWh - Non TVR)	3.632	\$ 745.34	0.000	\$ -	0.000	\$ -	0.000	\$ -
98	<b>Total Transmission</b>		\$ 745.34		\$ 1,990.43		\$ 1,990.43		\$ 1,990.43
99	Energy Service Charge Peak (cents/kWh)	0.000	\$ -	6.809	\$ 698.64	6.809	\$ 698.64	6.809	\$ 698.64
100	Energy Service Charge Off Peak (cents/kWh)	0.000	\$ -	5.390	\$ 221.20	5.390	\$ 221.20	5.390	\$ 221.20
101	Energy Service Charge Mid Peak (cents/kWh)	0.000	\$ -	5.620	\$ 346.00	5.620	\$ 346.00	5.620	\$ 346.00
102	Energy Service Charge (cents/kWh - Non TVR)	7.263	\$ 1,490.36	0.000	\$ -	0.000	\$ -	0.000	\$ -
103	<b>Total Energy Service</b>		\$ 1,490.36		\$ 1,265.84		\$ 1,265.84		\$ 1,265.84
104	Non-Tx External Delivery Charge	-0.135	\$ (27.70)	-0.135	\$ (27.70)	-0.135	\$ (27.70)	-0.135	\$ (27.70)
105	Stranded Cost Charge	-0.002	\$ (0.41)	-0.002	\$ (0.41)	-0.002	\$ (0.41)	-0.002	\$ (0.41)
106	System Benefits Charge	0.752	\$ 154.31	0.752	\$ 154.31	0.752	\$ 154.31	0.752	\$ 154.31
107	Storm Recovery Adjustment Factor	0.047	\$ 9.64	0.047	\$ 9.64	0.047	\$ 9.64	0.047	\$ 9.64
108	<b>Total Bill</b>		\$3,977.23		\$4,643.74		\$4,572.93		\$4,466.71
109	Difference from Current Rates				\$666.51		\$595.69		\$489.47
		Avg. kWh Rate	\$0.19	Avg. kWh Rate	\$0.23	Avg. kWh Rate	\$0.22	Avg. kWh Rate	\$0.22

**UNITIL - Settlement ( Demand at 50%)**

**TOU-EV-G1: large general service EV TOU Charging (greater than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
		Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV >200 KVA TOU Rates (\$/kWh)	Resulting Ratio
1 TOU Period							
2 Summer_Peak		-	0.17424	0.17424	0.01631	0.19055	12.59
3 Summer_Off-peak		-	0.00408	0.00408	0.01105	0.01514	1.00
4 Summer_Mid-peak		-	0.02081	0.02081	0.01197	0.03278	2.17
5 Winter_Peak		-	0.19176	0.19176	0.01400	0.20576	12.27
6 Winter_Off-peak		-	0.00591	0.00591	0.01087	0.01677	1.00
7 Winter_Mid-peak		-	0.00710	0.00710	0.01145	0.01855	1.11
				<b>Demand Rate</b>	\$ 3.80		

**TOU-EV-G2: small general service EV TOU Charging (less than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
		Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV <200 KVA TOU Rates (\$/kWh)	Resulting Ratio
1 TOU Period							
2 Summer_Peak		0.25774	0.17398	0.43172	0.02802	0.45974	6.25
3 Summer_Off-peak		0.04919	0.00408	0.05327	0.02033	0.07359	1.00
4 Summer_Mid-peak		0.06216	0.01987	0.08203	0.01944	0.10147	1.38
5 Winter_Peak		0.06809	0.18747	0.25556	0.02355	0.27911	3.54
6 Winter_Off-peak		0.05390	0.00593	0.05983	0.01900	0.07883	1.00
7 Winter_Mid-peak		0.05620	0.00693	0.06314	0.01862	0.08176	1.04
				<b>Demand Rate</b>	\$ 5.26		

**UNITIL - Hearing Exhibit (Demand at 40%)**

**TOU-EV-G1: large general service EV TOU Charging (greater than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
TOU Period	Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV >200 KVA TOU Rates (\$/kWh)	Resulting Ratio	
1 Summer_Peak	-	0.17424	0.17424	0.01957	0.19381	11.17	
2 Summer_Off-peak	-	0.00408	0.00408	0.01327	0.01735	1.00	
3 Summer_Mid-peak	-	0.02081	0.02081	0.01436	0.03517	2.03	
4 Winter_Peak	-	0.19176	0.19176	0.01680	0.20856	11.01	
5 Winter_Off-peak	-	0.00591	0.00591	0.01304	0.01895	1.00	
6 Winter_Mid-peak	-	0.00710	0.00710	0.01373	0.02083	1.10	
			<b>Demand Rate</b>	\$ 3.04			

**TOU-EV-G2: small general service EV TOU Charging (less than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
TOU Period	Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV <200 KVA TOU Rates (\$/kWh)	Resulting Ratio	
1 Summer_Peak	0.25774	0.17398	0.43172	0.03363	0.46535	5.99	
2 Summer_Off-peak	0.04919	0.00408	0.05327	0.02439	0.07766	1.00	
3 Summer_Mid-peak	0.06216	0.01987	0.08203	0.02333	0.10536	1.36	
4 Winter_Peak	0.06809	0.18747	0.25556	0.02826	0.28382	3.43	
5 Winter_Off-peak	0.05390	0.00593	0.05983	0.02279	0.08263	1.00	
6 Winter_Mid-peak	0.05620	0.00693	0.06314	0.02234	0.08548	1.03	
			<b>Demand Rate</b>	\$ 4.20			



**UNITIL - Hearing Exhibit (Demand at 25%)**

**TOU-EV-G1: large general service EV TOU Charging (greater than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
TOU Period	Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV >200 KVA TOU Rates (\$/kWh)	Resulting Ratio	
1							
2	Summer_Peak	-	0.17424	0.17424	0.02446	0.19870	9.62
3	Summer_Off-peak	-	0.00408	0.00408	0.01658	0.02066	1.00
4	Summer_Mid-peak	-	0.02081	0.02081	0.01795	0.03876	1.88
5	Winter_Peak	-	0.19176	0.19176	0.02100	0.21276	9.58
6	Winter_Off-peak	-	0.00591	0.00591	0.01630	0.02221	1.00
7	Winter_Mid-peak	-	0.00710	0.00710	0.01717	0.02427	1.09
			<b>Demand Rate</b>	\$	1.90		

**TOU-EV-G2: small general service EV TOU Charging (less than 200 kVA)**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
TOU Period	Default Service TOU Rates (\$/kWh)	Transmission TOU Rates (\$/kWh)	Default Service TOU + Transmission TOU Rates (\$/kWh)	Distribution TOU Rates (\$/kWh)	Total EV <200 KVA TOU Rates (\$/kWh)	Resulting Ratio	
1							
2	Summer_Peak	0.25774	0.17398	0.43172	0.04204	0.47376	5.66
3	Summer_Off-peak	0.04919	0.00408	0.05327	0.03049	0.08376	1.00
4	Summer_Mid-peak	0.06216	0.01987	0.08203	0.02917	0.11119	1.33
5	Winter_Peak	0.06809	0.18747	0.25556	0.03532	0.29088	3.29
6	Winter_Off-peak	0.05390	0.00593	0.05983	0.02849	0.08833	1.00
7	Winter_Mid-peak	0.05620	0.00693	0.06314	0.02793	0.09107	1.03
			<b>Demand Rate</b>	\$	2.63		