

**Exhibit No. \_\_\_\_ (TES-5)**  
**Docket UE-100749**  
**Witness: Thomas E. Schooley**

**BEFORE THE WASHINGTON STATE  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PACIFICORP D/B/A PACIFIC POWER  
& LIGHT COMPANY,**

**Respondent.**

**DOCKET UE-100749**

**EXHIBIT TO CROSS-ANSWERING TESTIMONY OF**

**Thomas E. Schooley**

**STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

*Basic Customer Charge*

**November 5, 2010**

Unit Costs @ Target ROR

PacifiCorp Cost Of Service By Rate Schedule State of Washington 12 Months Ending December 2009 WCA Method - (100 Summer, 100 Winter Hours) - 33%D / 67%E										
Line	Description	Washington Jurisdiction Normalized	Small General Service		Large General Service <1,000 kW		Large General Service >1,000 kW		Agricultural Pumping Schedule 40	Street & Area Lighting Sch. 15.51-54.57
			Schedule 16	Schedule 24	Schedule 36	Schedule 48T	Dedicated Facilities Schedule 48T	Schedule 40		
14	<b>UNITS</b>									
15	Billing KW	16,291,862	9,890,882	2,596,966	2,527,908	801,003	45,744	383,615	45,744	
16	Annual KWH	4,051,814,834	1,583,501,939	537,667,680	933,466,392	388,820,502	444,812,653	166,577,999	14,967,669	
17	Average Customers	131,060	103,542	17,994	1,063	55	1	5,303	3,102	
18										
19										
20	<b>STDRM TOTAL</b>	100.00%	44.67%	13.65%	26.81%	7.68%	7.64%	4.19%	0.55%	
21	Revenue Requirement	300,966,109	135,054,741	41,075,112	62,941,966	23,727,243	23,900,554	12,611,822	1,654,650	
22	Per Billing KW	18.47	13.65	15.82	24.90	29.62	52.49	32.88	36.17	
23	Per KWH	0.074	0.085	0.076	0.067	0.064	0.054	0.075	0.111	
24	Per Customer	2,286.40	1,304.35	2,282.71	59,211.65	431,404.42	23,900,554.41	2,376.24	533.41	
25										
26	<b>GENERATION-TOTAL</b>	100.00%	40.90%	13.59%	22.75%	8.76%	9.71%	4.00%	0.30%	
27	Revenue Requirement	189,816,352	81,723,279	27,134,411	45,463,177	17,502,745	19,393,345	7,988,460	600,935	
28	Per Billing KW	12.26	8.26	10.45	17.98	21.85	423.95	20.85	13.14	
29	Per KWH	0.049	0.052	0.050	0.049	0.047	0.044	0.047	0.040	
30	Per Customer	1,524.52	789.28	1,507.97	42,768.75	316,231.73	19,393,345.32	1,508.29	193.72	
31										
32	<b>GENERATION-DEMAND</b>	100.00%	44.08%	14.08%	22.95%	8.14%	7.76%	3.67%	0.17%	
33	Revenue Requirement	65,672,265	28,950,755	9,245,800	14,508,607	5,348,659	5,098,045	2,411,333	109,066	
34	Per Billing KW	4.03	2.93	3.56	5.74	6.68	111.45	6.29	2.36	
35	Per KWH	0.016	0.018	0.017	0.016	0.015	0.011	0.014	0.007	
36	Per Customer	501.09	279.60	513.83	13,648.74	97,248.35	5,098,044.66	454.71	35.16	
37										
38	<b>GENERATION-ENERGY</b>	100.00%	39.34%	13.34%	23.08%	9.08%	10.66%	4.17%	0.37%	
39	Revenue Requirement	134,144,087	52,772,525	17,888,611	30,954,570	12,154,086	14,295,301	5,567,127	491,869	
40	Per Billing KW	8.23	5.34	6.89	12.25	15.17	312.51	14.56	10.75	
41	Per KWH	0.033	0.033	0.033	0.033	0.033	0.032	0.033	0.033	
42	Per Customer	1,023.53	509.67	984.14	29,120.01	220,983.38	14,295,300.66	1,053.58	156.57	
43										
44	<b>TRANSMISSION-TOTAL</b>	100.00%	40.93%	13.58%	22.75%	8.75%	9.68%	4.01%	0.30%	
45	Revenue Requirement	37,939,436	15,306,534	5,079,764	8,507,041	3,273,999	3,621,111	1,498,030	113,558	
46	Per Billing KW	2.30	1.55	1.96	3.37	4.09	79.16	3.91	2.48	
47	Per KWH	0.009	0.010	0.009	0.009	0.009	0.008	0.009	0.008	
48	Per Customer	285.36	147.83	282.30	8,002.86	59,516.34	3,621,111.18	282.49	36.61	
49										
50	<b>TRANSMISSION-DEMAND</b>	100.00%	43.63%	14.01%	22.19%	8.23%	8.03%	3.72%	0.19%	
51	Revenue Requirement	12,291,485	5,362,870	1,721,561	2,726,998	1,011,645	987,364	457,779	23,268	
52	Per Billing KW	0.75	0.54	0.66	1.08	1.26	21.58	1.19	0.51	
53	Per KWH	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	
54	Per Customer	93.79	51.79	95.67	2,665.38	18,393.55	987,363.97	86.32	7.50	
55										
56	<b>TRANSMISSION-ENERGY</b>	100.00%	39.60%	13.36%	23.02%	9.01%	10.46%	4.14%	0.36%	
57	Revenue Requirement	25,107,951	9,843,664	3,358,203	5,780,043	2,261,754	2,633,747	1,040,251	90,289	
58	Per Billing KW	1.54	1.01	1.29	2.29	2.82	57.58	2.71	1.97	
59	Per KWH	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	
60	Per Customer	191.56	96.04	186.63	5,437.48	41,122.79	2,633,747.21	196.16	28.11	
61										

PacifiCorp  
 Cost Of Service By Rate Schedule  
 State of Washington  
 12 Months Ending December 2009  
 WCA Method - (100 Summer, 100 Winter Hours) - 33%/D / 67%E

**STAFF PROPOSAL FOR CUSTOMER CHARGE  
 AT REVENUE INCREASE OF \$29,955,000**

Description	Washington Jurisdiction Normalized	PacifiCorp							Street & Area Lighting
		Residential Schedule 16	Small General Service Schedule 24	Large General Service <1,000 KW Schedule 36	Large General Service >1,000 KW Schedule 48T	Large General Dedicated Facilities Schedule 48T	Agricultural Pumping Schedule 40	Street & Area Lighting Sch. 15.51-54.57	
<b>62 DISTRIBUTION-TOTAL</b>	100.00%	57.11%	14.35%	15.59%	5.37%	0.99%	1.57%		
63 Revenue Requirement	51,159,638	29,217,034	7,339,522	7,969,982	2,574,620	508,693	2,747,458	802,278	
64 Per Billing KW	3.14	2.95	2.83	3.15	3.21	11.12	7.16	17.54	
65 Per KWH	0.013	0.018	0.014	0.009	0.007	0.001	0.016	0.054	
66 Per Customer	390.35	282.18	407.89	7,497.63	46,812.19	508,693.18	518.10	258.63	
67									
<b>68 DISTRIBUTION-SUBSTATION</b>	100.00%	52.33%	12.22%	17.55%	6.39%	4.57%	6.29%	0.65%	
69 Revenue Requirement	7,204,463	3,769,784	880,262	1,264,820	460,464	329,380	453,124	46,627	
70 Per Billing KW	0.44	0.38	0.34	0.50	0.57	7.20	1.18	1.02	
71 Per KWH	0.002	0.002	0.002	0.001	0.001	0.001	0.003	0.003	
72 Per Customer	54.97	36.41	48.92	1,189.36	8,372.08	329,380.28	85.45	15.03	
73									
<b>74 DISTRIBUTION-P &amp; C</b>	100.00%	56.18%	13.71%	16.02%	5.65%	0.46%	5.59%	2.38%	
75 Revenue Requirement	27,725,812	15,575,457	3,801,461	4,441,057	1,567,516	133,062	1,548,620	658,640	
76 Per Billing KW	1.70	1.57	1.46	1.76	1.96	2.91	4.04	14.40	
77 Per KWH	0.007	0.010	0.007	0.005	0.004	0.000	0.009	0.044	
78 Per Customer	211.55	150.43	211.26	4,177.85	26,500.28	133,061.96	292.03	212.33	
79									
<b>80 DISTRIBUTION-TRANSFORMER</b>	100.00%	56.54%	15.00%	16.88%	4.71%	0.23%	5.93%	0.64%	
81 Revenue Requirement	9,110,748	5,151,622	1,371,976	1,538,959	429,148	21,053	540,068	57,922	
82 Per Billing KW	0.56	0.52	0.53	0.61	0.54	0.46	1.41	1.27	
83 Per KWH	0.002	0.003	0.003	0.002	0.001	0.000	0.003	0.004	
84 Per Customer	66.52	49.75	76.25	1,447.75	7,802.68	21,053.40	101.84	16.67	
85									
<b>86 DISTRIBUTION-METER</b>	100.00%	63.76%	16.30%	10.00%	1.93%	0.61%	6.55%	0.65%	
87 Revenue Requirement	2,400,975	1,530,868	391,282	240,055	46,458	14,706	157,251	20,355	
88 Per Billing KW	0.15	0.15	0.15	0.09	0.06	0.32	0.41	0.44	
89 Per KWH	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	
90 Per Customer	18.32	14.76	21.75	225.93	844.69	14,705.59	28.65	6.56	
91									
<b>92 DISTRIBUTION-SERVICE</b>	100.00%	67.60%	18.96%	10.28%	1.51%	0.22%	1.03%	0.40%	
93 Revenue Requirement	4,717,640	3,188,303	894,540	485,091	71,085	10,492	48,395	18,734	
94 Per Billing KW	0.29	0.32	0.34	0.19	0.09	0.23	0.13	0.41	
95 Per KWH	0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.001	
96 Per Customer	36.00	30.80	49.71	456.34	1,292.45	10,491.95	9.13	6.04	
97									
<b>98 RETAIL-TOTAL</b>	100.00%	81.53%	11.39%	2.06%	0.74%	0.46%	2.46%	1.39%	
99 Revenue Requirement	8,860,288	7,305,200	1,020,045	183,939	66,252	40,620	219,874	124,359	
100 Per Billing KW	0.55	0.74	0.39	0.07	0.08	0.89	0.57	2.72	
101 Per KWH	0.002	0.005	0.002	0.000	0.000	0.000	0.001	0.008	
102 Per Customer	68.37	70.55	56.69	175.04	1,204.57	40,620.21	41.46	40.09	
103									
<b>104 MISC - Total</b>	100.00%	41.39%	13.81%	22.53%	8.64%	9.28%	4.08%	0.37%	
105 Revenue Requirement	3,630,385	1,502,694	501,370	817,847	310,178	336,785	148,001	13,521	
106 Per Billing KW	0.22	0.15	0.19	0.32	0.39	7.36	0.39	0.30	
107 Per KWH	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
108 Per Customer	27.70	14.51	27.86	769.38	5,639.59	336,784.52	27.91	4.36	
109									

PacifiCorp Cost Of Service By Rate Schedule State of Washington 12 Months Ending December 2009 WCA Method - (100 Summer, 100 Winter Hours) - 33%D / 67%E													
Description	Washington Jurisdiction Normalized		Small General Service		Large General Service <1,000 KW		Large General Service >1,000 KW		Agricultural Pumping		Street & Area Lighting		
	Residential Schedule 16	Small General Service Schedule 24	Large General Service <1,000 KW Schedule 36	Large General Service >1,000 KW Schedule 48T	Large General Dedicated Facilities Schedule 48T	Agricultural Pumping Schedule 40	Street & Area Lighting Schedule 40	Residential Schedule 16	Small General Service Schedule 24	Large General Service <1,000 KW Schedule 36	Large General Service >1,000 KW Schedule 48T	Agricultural Pumping Schedule 40	Street & Area Lighting Schedule 40
110 Classification Revenue Requirement													
111 Generation - Demand	65,672,265	9,245,800	14,508,607	5,348,659	5,098,045	2,411,333	109,066	28,950,755	9,245,800	14,508,607	5,348,659	2,411,333	109,066
112 Transmission - Demand	12,291,485	1,721,551	2,726,988	1,011,645	987,364	457,779	23,268	5,362,870	1,721,551	2,726,988	1,011,645	457,779	23,268
113 Distribution - Substation	7,204,463	860,262	1,264,820	460,464	329,380	453,124	46,627	3,769,784	860,262	1,264,820	460,464	453,124	46,627
114 Demand - TOTAL Revenue Requirement	85,168,212	11,847,623	18,500,426	6,820,769	6,414,789	178,961		38,083,408	11,847,623	18,500,426	6,820,769	3,322,236	178,961
115													
116 Generation - Energy	134,144,087	17,888,811	30,954,570	12,154,086	14,295,301	491,869		52,772,525	17,888,811	30,954,570	12,154,086	5,587,127	491,869
117 Transmission - Energy	25,107,951	3,358,203	5,780,043	2,261,754	2,633,147	1,040,251		9,943,664	3,358,203	5,780,043	2,261,754	1,040,251	90,289
118 Misc. - Total	3,630,395	501,370	817,847	310,178	336,785	148,001		1,502,694	501,370	817,847	310,178	148,001	13,521
119 Energy - TOTAL Revenue Requirement	162,882,433	21,748,184	37,552,459	14,726,017	17,255,832	595,679		64,218,883	21,748,184	37,552,459	14,726,017	6,775,378	595,679
120													
121 Distribution - Meter	2,400,975	391,232	240,055	46,458	14,706	157,251		1,530,868	391,232	240,055	46,458	157,251	20,355
122 Distribution - Service	4,717,640	894,540	485,091	71,085	10,492	48,395		3,189,303	894,540	485,091	71,085	48,395	18,734
123 Retail Total	8,960,288	1,020,045	183,989	66,252	40,620	219,874		7,305,200	1,020,045	183,989	66,252	219,874	124,359
124 Customer - TOTAL Revenue Requirement	16,078,904	2,305,868	909,085	183,794	65,818	163,447		12,025,371	2,305,868	909,085	183,794	425,520	163,447
125													
126 Distribution - P&C	27,725,812	3,801,461	4,441,057	1,567,516	133,062	658,640		15,575,457	3,801,461	4,441,057	1,567,516	1,548,620	658,640
127 Distribution - Transformer	9,110,748	1,371,976	1,538,959	429,148	21,053	57,922		5,151,622	1,371,976	1,538,959	429,148	540,068	57,922
128 Total Load Size - TOTAL Revenue Requirement	36,836,560	5,173,437	5,980,016	1,996,663	154,115	716,562		20,727,079	5,173,437	5,980,016	1,996,663	2,088,688	716,562
129													
130 Total Classification Revenue Requirement	300,986,109	41,075,112	62,941,986	23,727,243	23,900,554	1,654,650		135,054,741	41,075,112	62,941,986	23,727,243	12,611,822	1,654,650
131 GTDRM Revenue Requirement	300,986,109	41,075,112	62,941,986	23,727,243	23,900,554	1,654,650		135,054,741	41,075,112	62,941,986	23,727,243	12,611,822	1,654,650
132													
133													
134 UNITS													
135 Billing KW	16,291,862	2,596,966	2,527,908	801,003	45,744	45,744		9,890,882	2,596,966	2,527,908	801,003	383,815	45,744
136 Annual KWH	4,051,814,834	537,667,680	933,466,392	368,820,502	444,812,653	14,967,669		1,583,501,939	537,667,680	933,466,392	368,820,502	168,577,999	14,967,669
137 Average Customers	131,060	17,994	1,063	55	1	3,102		103,542	17,994	1,063	55	5,303	3,102
138 Load Factor	0%	0%	0%	0%	0%	0%		0%	0%	0%	0%	0%	0%
139													
140 100% Cost Based Rates													
141 Demand Charge (PER KW)	\$ 5.23	\$ 3.85	\$ 7.32	\$ 8.52	\$ 140.23	\$ 8.66		\$ 0.406	\$ 4.56	\$ 7.32	\$ 8.52	\$ 8.66	\$ 3.91
142 Energy Charge (PER KWH)	\$ 0.0402	\$ 0.0408	\$ 0.0402	\$ 0.0399	\$ 0.0388	\$ 0.0398		\$ 0.0408	\$ 0.0404	\$ 0.0402	\$ 0.0399	\$ 0.0402	\$ 0.0398
143 Customer Charge (PER CUSTOMER PER MONTH)	\$ 10.22	\$ 9.68	\$ 71.27	\$ 278.48	\$ 5,484.81	\$ 6.69		\$ 9.68	\$ 10.68	\$ 71.27	\$ 278.48	\$ 6.69	\$ 4.39
144 Load Size Charge (PER KW)	\$ 2.26	\$ 2.10	\$ 2.37	\$ 2.49	\$ 3.37	\$ 5.44		\$ 2.10	\$ 1.99	\$ 2.37	\$ 2.49	\$ 5.44	\$ 15.66
145													
146													
147 Demand Revenue Requirement	\$ 85,168,212	\$ 11,847,623	\$ 18,500,426	\$ 6,820,769	\$ 6,414,789	\$ 178,961		\$ 38,083,408	\$ 11,847,623	\$ 18,500,426	\$ 6,820,769	\$ 3,322,236	\$ 178,961
148 Energy Revenue Requirement	\$ 162,882,433	\$ 21,748,184	\$ 37,552,459	\$ 14,726,017	\$ 17,255,832	\$ 595,679		\$ 64,218,883	\$ 21,748,184	\$ 37,552,459	\$ 14,726,017	\$ 6,775,378	\$ 595,679
149 Customer Revenue Requirement	\$ 16,078,904	\$ 2,305,868	\$ 909,085	\$ 183,794	\$ 65,818	\$ 163,447		\$ 12,025,371	\$ 2,305,868	\$ 909,085	\$ 183,794	\$ 425,520	\$ 163,447
150 Load Size Revenue Requirement	\$ 36,836,560	\$ 20,727,079	\$ 5,980,016	\$ 1,996,663	\$ 154,115	\$ 716,562		\$ 20,727,079	\$ 5,980,016	\$ 1,996,663	\$ 154,115	\$ 2,088,688	\$ 716,562
151 Total Revenue Requirement	\$ 300,986,109	\$ 41,075,112	\$ 62,941,986	\$ 23,727,243	\$ 23,900,554	\$ 1,654,650		\$ 135,054,741	\$ 41,075,112	\$ 62,941,986	\$ 23,727,243	\$ 12,611,822	\$ 1,654,650

STAFF PROPOSAL FOR CUSTOMER CHARGE  
 AT REVENUE INCREASE OF \$29,955,000