

WISCONSIN PUBLIC SERVICE CORPORATION

Docket 6690-UR-123

Additional Bill Comparison Analyses



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Comparison of Bills for Residential Flat Rates under WPSC's Alternative Rate Design Proposal

Rg-1

Monthly Use (kWh)	Typical Bills (w/o RSM credits)					
	Current Rates		Proposed Rates		Change	
	Monthly	Annual	Monthly	Annual	Monthly %	Monthly \$
100	\$21.75	\$261.00	\$34.40	\$412.80	58.16%	\$12.65
300	\$44.44	\$533.28	\$53.21	\$638.52	19.73%	\$8.77
500	\$67.13	\$805.56	\$72.01	\$864.12	7.27%	\$4.88
587	\$77.00	\$924.00	\$80.19	\$962.28	4.14%	\$3.19
700	\$89.82	\$1,077.84	\$90.81	\$1,089.72	1.10%	\$0.99
1,000	\$123.85	\$1,486.20	\$119.02	\$1,428.24	-3.90%	-\$4.83
2,000	\$237.30	\$2,847.60	\$213.04	\$2,556.48	-10.22%	-\$24.26
3,000	\$350.75	\$4,209.00	\$307.06	\$3,684.72	-12.46%	-\$43.69

Average Customer's Usage & Bills (shown in Bold)

RSM credits will decrease the impact for the Rg-1 customers by approximately 0.2%

	Present Rates	Proposed Rates
Rg-1		
Customer Chg.	\$10.40	\$25.00
Energy Chg.	0.11345	0.09402
FAC	0.00000	0.000000

Average usage per month

in kWh is: 587

Average usage customer

increase is: 4.14%

Comparison of Bills for Small Commercial Non-Demand Rates under WPSC's Alternative Rate Design Proposal

Cg-1

Monthly Use (kWh)	Typical Bills (w/o RSM credits)					
	Current Rates		Proposed Rates		Change	
	Monthly	Annual	Monthly	Annual	Monthly %	Monthly \$
100	\$24.23	\$290.72	\$44.40	\$532.82	83.27%	\$20.18
300	\$47.68	\$572.17	\$63.21	\$758.47	32.56%	\$15.53
500	\$71.14	\$853.62	\$82.01	\$984.12	15.29%	\$10.88
700	\$94.59	\$1,135.07	\$100.81	\$1,209.77	6.58%	\$6.23
1,586	\$198.49	\$2,381.88	\$184.12	\$2,209.39	-7.24%	-\$14.37
2,000	\$247.04	\$2,964.48	\$223.04	\$2,676.48	-9.72%	-\$24.00
5,000	\$598.85	\$7,186.20	\$505.10	\$6,061.20	-15.66%	-\$93.75
10,000	\$1,185.20	\$14,222.40	\$975.20	\$11,702.40	-17.72%	-\$210.00

Cg-5

Monthly Use (kWh)	Typical Bills (w/o RSM credits)					
	Current Rates		Proposed Rates		Change	
	Monthly	Annual	Monthly	Annual	Monthly %	Monthly \$
7,500	\$797	\$9,560	\$799	\$9,587	0.29%	\$2.30
10,000	\$1,052	\$12,620	\$1,037	\$12,439	-1.44%	-\$15.10
13,363	\$1,394.79	\$16,737.52	\$1,356.29	\$16,275.44	-2.76%	-\$38.51
20,000	\$2,072	\$24,863	\$1,987	\$23,846	-4.09%	-\$84.70
25,000	\$2,582	\$30,984	\$2,463	\$29,550	-4.63%	-\$119.50
30,000	\$3,092	\$37,105	\$2,938	\$35,254	-4.99%	-\$154.30
35,000	\$3,602	\$43,226	\$3,413	\$40,957	-5.25%	-\$189.10
40,000	\$4,112	\$49,348	\$3,888	\$46,661	-5.44%	-\$223.90

Average Customer's Usage & Bills (shown in Bold)

RSM credits will decrease the impact for the Cg-1/5 customers by approximately 0.2%

	Present Rates	Proposed Rates
Cg-1		
Customer Chg.	\$12.50	\$35.00
Energy Chg.	0.11727	0.09402
FAC	0.00000	0.000000

Cg-1 Avg. usage per month
in kWh is: **1,586**

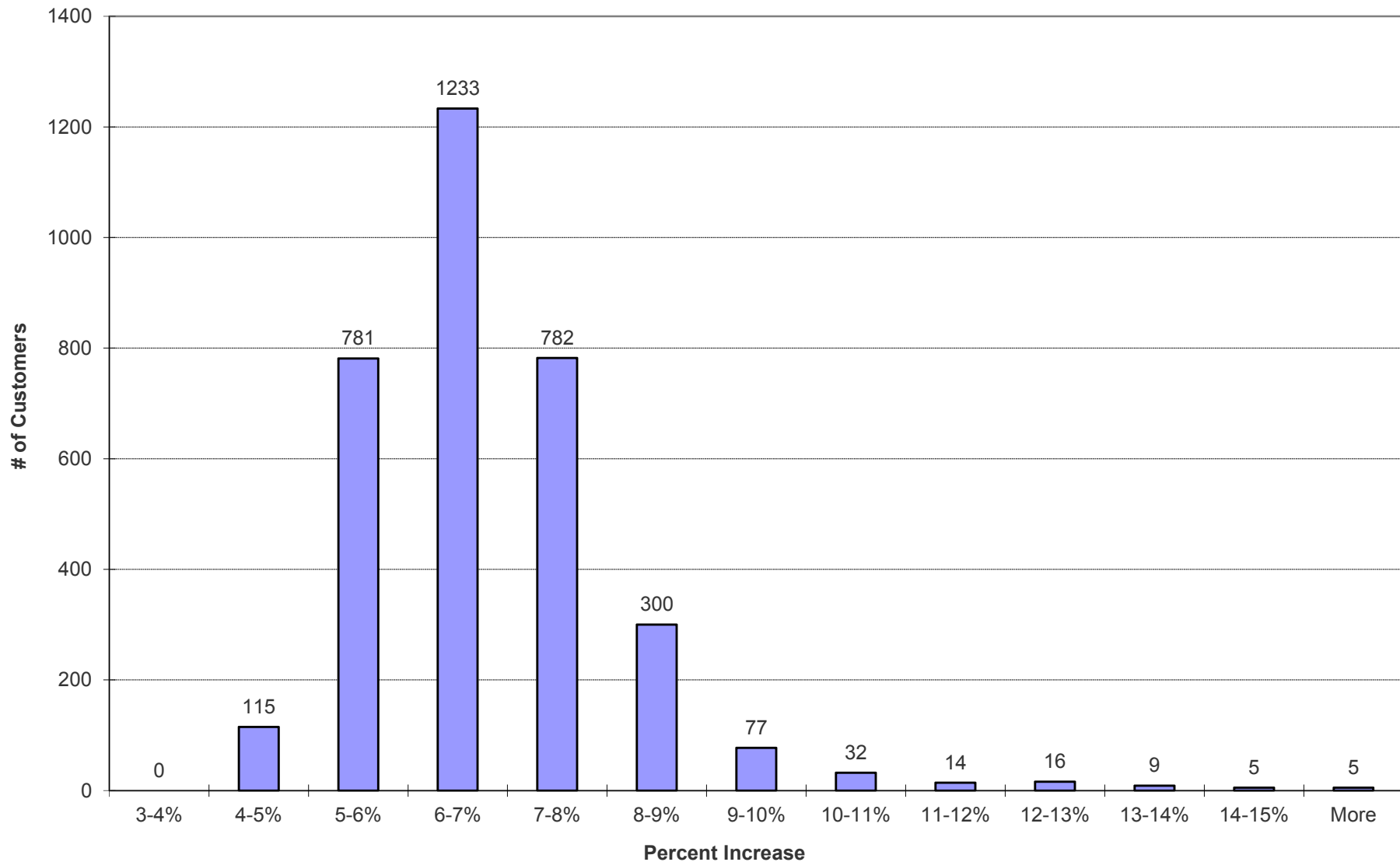
Cg-1 Avg. usage customer
increase is: **-7.24%**

	Present Rates	Proposed Rates
Cg-5		
Customer Chg.	\$31.50	\$86.00
Energy Chg.	0.10202	0.09506
FAC	0.00000	0.000000

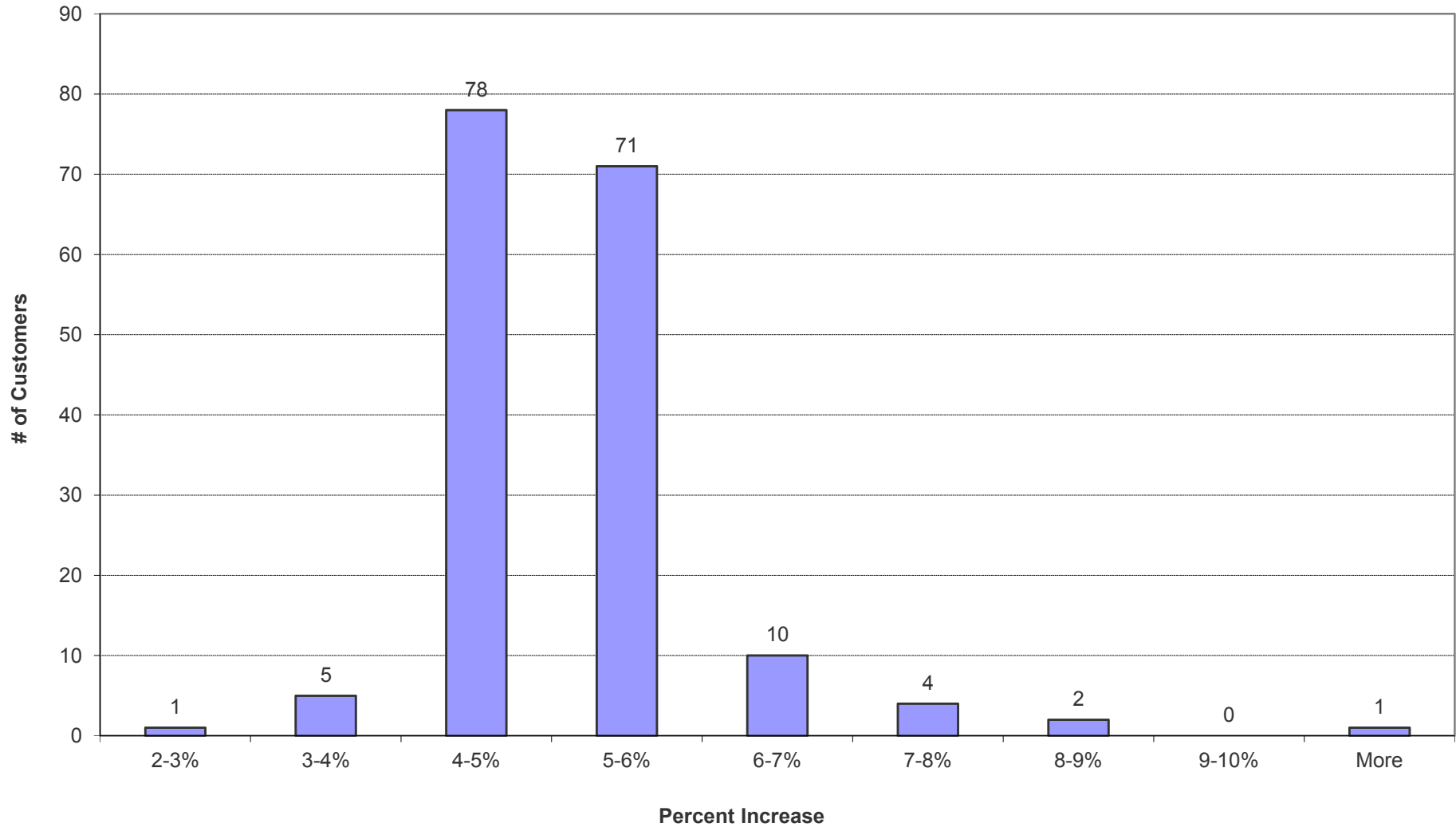
Cg-5 Avg. usage per month
in kWh is: **13,363**

Cg-5 Avg. usage customer
increase is: **-2.76%**

**Cg-20 Customer Impacts
6690-UR-123
based on WPSC's Alternative Rate Design Proposal**



Cp Customer Impacts
6690-UR-123
based on WPSC's Alternative Rate Design Proposal



**Cp Customers Impacts - 6690-UR-123
under WPSC's Alternative Rate Design Proposal**

Customer	Revenue		Difference	
	Current (\$)	Proposed (\$)	\$	%
1	\$2,414,999	\$2,657,732	\$242,733	10.05%
2	\$237,025	\$254,873	\$17,848	7.53%
3	\$49,505	\$53,136	\$3,631	7.33%
4	\$60,801	\$64,988	\$4,187	6.89%
5	\$79,502	\$84,907	\$5,406	6.80%
6	\$349,736	\$373,100	\$23,363	6.68%
7	\$230,225	\$244,298	\$14,073	6.11%
8	\$406,900	\$431,229	\$24,329	5.98%
9	\$235,701	\$249,123	\$13,422	5.69%
10	\$465,613	\$491,794	\$26,182	5.62%
11	\$1,414,685	\$1,493,338	\$78,653	5.56%
12	\$330,806	\$349,195	\$18,388	5.56%
13	\$1,327,524	\$1,400,526	\$73,002	5.50%
14	\$586,779	\$618,250	\$31,472	5.36%
15	\$181,886	\$191,243	\$9,357	5.14%
16	\$10,624,244	\$11,167,433	\$543,189	5.11%
17	\$489,608	\$514,627	\$25,019	5.11%
18	\$350,055	\$367,494	\$17,440	4.98%
19	\$620,655	\$651,553	\$30,898	4.98%
20	\$333,972	\$350,584	\$16,612	4.97%
21	\$187,244	\$196,273	\$9,029	4.82%
22	\$1,632,945	\$1,711,228	\$78,283	4.79%
23	\$458,039	\$479,907	\$21,868	4.77%
24	\$480,330	\$503,199	\$22,869	4.76%
25	\$803,035	\$841,234	\$38,198	4.76%
26	\$284,995	\$298,445	\$13,449	4.72%
27	\$364,883	\$382,102	\$17,219	4.72%
28	\$526,759	\$551,133	\$24,374	4.63%
29	\$369,018	\$386,062	\$17,043	4.62%
30	\$380,058	\$397,569	\$17,511	4.61%
31	\$785,587	\$821,692	\$36,105	4.60%
32	\$472,973	\$494,615	\$21,642	4.58%
33	\$346,814	\$362,619	\$15,806	4.56%
34	\$529,686	\$553,820	\$24,134	4.56%
35	\$415,824	\$434,746	\$18,923	4.55%
36	\$258,350	\$270,034	\$11,684	4.52%
37	\$339,726	\$355,063	\$15,338	4.51%
38	\$375,199	\$391,852	\$16,653	4.44%
39	\$553,378	\$577,909	\$24,531	4.43%
40	\$522,954	\$546,086	\$23,132	4.42%
41	\$1,062,099	\$1,108,989	\$46,891	4.41%
42	\$688,261	\$718,597	\$30,336	4.41%
43	\$898,535	\$938,082	\$39,547	4.40%

Cp Customers Impacts - 6690-UR-123
under WPSC's Alternative Rate Design Proposal

Customer	Revenue		Difference	
	Current (\$)	Proposed (\$)	\$	%
44	\$635,467	\$663,421	\$27,954	4.40%
45	\$126,624	\$132,186	\$5,561	4.39%
46	\$506,917	\$529,133	\$22,217	4.38%
47	\$490,068	\$511,505	\$21,436	4.37%
48	\$563,199	\$587,718	\$24,519	4.35%
49	\$5,738,686	\$5,988,425	\$249,739	4.35%
50	\$3,374,712	\$3,521,523	\$146,811	4.35%
51	\$344,695	\$359,673	\$14,978	4.35%
52	\$404,178	\$421,680	\$17,502	4.33%
53	\$435,361	\$454,140	\$18,778	4.31%
54	\$3,538,059	\$3,690,651	\$152,592	4.31%
55	\$601,383	\$627,183	\$25,801	4.29%
56	\$519,891	\$542,118	\$22,228	4.28%
57	\$803,902	\$838,237	\$34,335	4.27%
58	\$394,431	\$411,267	\$16,837	4.27%
59	\$316,009	\$329,413	\$13,404	4.24%
60	\$648,492	\$675,983	\$27,490	4.24%
61	\$465,838	\$485,584	\$19,746	4.24%
62	\$286,548	\$298,679	\$12,132	4.23%
63	\$504,136	\$525,437	\$21,301	4.23%
64	\$721,167	\$751,580	\$30,413	4.22%
65	\$400,310	\$417,187	\$16,877	4.22%
66	\$438,048	\$456,459	\$18,411	4.20%
67	\$338,935	\$353,066	\$14,132	4.17%
68	\$412,197	\$429,285	\$17,088	4.15%
69	\$781,590	\$813,915	\$32,325	4.14%
70	\$347,465	\$361,728	\$14,263	4.10%
71	\$432,627	\$450,361	\$17,734	4.10%
72	\$523,727	\$545,186	\$21,460	4.10%
73	\$625,264	\$650,872	\$25,608	4.10%
74	\$675,372	\$702,972	\$27,600	4.09%
75	\$416,021	\$433,021	\$17,000	4.09%
76	\$555,810	\$578,476	\$22,666	4.08%
77	\$904,862	\$941,704	\$36,842	4.07%
78	\$600,647	\$625,066	\$24,419	4.07%
79	\$645,224	\$671,391	\$26,167	4.06%
80	\$493,249	\$513,211	\$19,961	4.05%
81	\$283,304	\$294,766	\$11,462	4.05%
82	\$10,959,222	\$11,401,312	\$442,090	4.03%
83	\$17,986,357	\$18,711,621	\$725,264	4.03%
84	\$381,311	\$396,660	\$15,349	4.03%
85	\$1,353,147	\$1,407,587	\$54,439	4.02%
86	\$967,997	\$1,006,934	\$38,936	4.02%

**Cp Customers Impacts - 6690-UR-123
under WPSC's Alternative Rate Design Proposal**

Customer	Revenue		Difference	
	Current (\$)	Proposed (\$)	\$	%
87	\$447,309	\$465,280	\$17,971	4.02%
88	\$696,259	\$724,196	\$27,937	4.01%
89	\$1,096,856	\$1,140,614	\$43,758	3.99%
90	\$502,480	\$522,514	\$20,033	3.99%
91	\$432,540	\$449,759	\$17,219	3.98%
92	\$464,338	\$482,740	\$18,402	3.96%
93	\$539,230	\$560,573	\$21,343	3.96%
94	\$474,542	\$493,325	\$18,782	3.96%
95	\$1,257,245	\$1,306,915	\$49,670	3.95%
96	\$698,116	\$725,662	\$27,546	3.95%
97	\$475,302	\$494,021	\$18,719	3.94%
98	\$348,734	\$362,464	\$13,731	3.94%
99	\$571,258	\$593,732	\$22,475	3.93%
100	\$465,023	\$483,312	\$18,289	3.93%
101	\$693,568	\$720,773	\$27,205	3.92%
102	\$672,024	\$698,361	\$26,337	3.92%
103	\$4,205,456	\$4,370,161	\$164,705	3.92%
104	\$494,839	\$514,148	\$19,309	3.90%
105	\$626,711	\$651,166	\$24,455	3.90%
106	\$640,398	\$665,371	\$24,973	3.90%
107	\$699,018	\$726,230	\$27,211	3.89%
108	\$788,990	\$819,578	\$30,588	3.88%
109	\$579,722	\$602,149	\$22,427	3.87%
110	\$670,057	\$695,936	\$25,879	3.86%
111	\$2,272,869	\$2,360,237	\$87,368	3.84%
112	\$1,381,166	\$1,434,105	\$52,940	3.83%
113	\$1,627,656	\$1,689,960	\$62,304	3.83%
114	\$659,429	\$684,667	\$25,238	3.83%
115	\$833,818	\$865,709	\$31,891	3.82%
116	\$326,696	\$339,152	\$12,456	3.81%
117	\$695,086	\$721,498	\$26,412	3.80%
118	\$2,701,526	\$2,803,915	\$102,389	3.79%
119	\$331,456	\$343,984	\$12,528	3.78%
120	\$347,128	\$360,226	\$13,097	3.77%
121	\$524,606	\$544,358	\$19,751	3.76%
122	\$412,542	\$427,971	\$15,428	3.74%
123	\$519,239	\$538,590	\$19,351	3.73%
124	\$370,488	\$384,284	\$13,796	3.72%
125	\$2,041,970	\$2,117,938	\$75,968	3.72%
126	\$758,032	\$786,225	\$28,193	3.72%
127	\$484,434	\$502,449	\$18,015	3.72%
128	\$1,830,797	\$1,898,831	\$68,034	3.72%
129	\$819,527	\$849,539	\$30,012	3.66%

**Cp Customers Impacts - 6690-UR-123
under WPSC's Alternative Rate Design Proposal**

Customer	Revenue		Difference	
	Current (\$)	Proposed (\$)	\$	%
130	\$4,814,284	\$4,990,213	\$175,929	3.65%
131	\$555,302	\$575,527	\$20,226	3.64%
132	\$776,286	\$804,291	\$28,005	3.61%
133	\$726,527	\$752,490	\$25,963	3.57%
134	\$626,604	\$648,986	\$22,382	3.57%
135	\$318,041	\$329,379	\$11,338	3.56%
136	\$1,091,925	\$1,130,502	\$38,578	3.53%
137	\$646,867	\$669,707	\$22,840	3.53%
138	\$718,686	\$743,935	\$25,249	3.51%
139	\$741,490	\$767,302	\$25,813	3.48%
140	\$691,902	\$715,979	\$24,078	3.48%
141	\$655,007	\$677,771	\$22,764	3.48%
142	\$6,519,103	\$6,745,281	\$226,178	3.47%
143	\$846,113	\$875,457	\$29,344	3.47%
144	\$725,753	\$750,824	\$25,071	3.45%
145	\$261,938	\$270,985	\$9,047	3.45%
146	\$919,995	\$951,678	\$31,683	3.44%
147	\$391,423	\$404,892	\$13,470	3.44%
148	\$8,993,726	\$9,302,327	\$308,600	3.43%
149	\$688,408	\$711,904	\$23,496	3.41%
150	\$3,561,271	\$3,682,504	\$121,233	3.40%
151	\$1,144,726	\$1,183,664	\$38,938	3.40%
152	\$417,583	\$431,774	\$14,191	3.40%
153	\$4,362,886	\$4,509,039	\$146,154	3.35%
154	\$1,173,963	\$1,213,124	\$39,161	3.34%
155	\$866,618	\$895,438	\$28,820	3.33%
156	\$9,419,020	\$9,731,664	\$312,644	3.32%
157	\$335,071	\$345,934	\$10,863	3.24%
158	\$658,498	\$679,757	\$21,258	3.23%
159	\$627,041	\$647,014	\$19,973	3.19%
160	\$1,089,910	\$1,124,475	\$34,565	3.17%
161	\$402,693	\$415,445	\$12,752	3.17%
162	\$1,987,179	\$2,049,803	\$62,624	3.15%
163	\$3,074,378	\$3,171,228	\$96,850	3.15%
164	\$1,250,335	\$1,289,694	\$39,358	3.15%
165	\$6,368,777	\$6,569,160	\$200,383	3.15%
166	\$7,686,424	\$7,923,976	\$237,552	3.09%
167	\$34,318	\$35,335	\$1,018	2.97%
168	\$12,429,435	\$12,796,153	\$366,719	2.95%
169	\$170,846	\$175,674	\$4,828	2.83%
170	\$173,625	\$178,264	\$4,639	2.67%
171	\$336,128	\$344,773	\$8,645	2.57%
172	\$427,768	\$434,202	\$6,434	1.50%