Table 1 Residential Track A CPP-F Treatment Elasticities and Impacts on CPP Days					
Approach/Database	**Weather Input[1]**	**Elasticity of Substitution**	**Daily Price Elasticity**	**CPP-Day Statewide Impact (%)**	**Comments**
1. SPP Summer 2003 Report July-Oct 2003 treatment period (15 average-day-type observations)	2003 CPP-Day Weather	-0.07655	-0.02599	-12.50	
2. New analysis of Summer 2003 July-Oct 2003 treatment period (Daily observations)	2003 CPP-Day Weather	-0.0767 (.00385)[2] (-19.93)	-0.0355 (.0045) (-7.82)	-11.91[3] (0.57) (-19.76)	Estimates are not statistically different from SPP report values shown above
3. New analysis of Summer 2003 July-Sep 2003 treatment period	2003 CPP-Day Weather	-0.0869 (0.0044) (-19.50)	-0.0353 (0.0055) (-6.42)	-13.16 (0.66) (-19.83)	This time period is defined as the inner summer

[1] All values are estimated using the statewide average saturation for central air conditioning equal to 42.2 percent. The 2003 CPP-Day weather values are as follows: The difference in peak and off-peak cooling degree hours per hour (used in the substitution equation) on CPP days in 2003 equals 7.89938 and the daily cooling degree hours per hour equal 4.29109. These are the same values that underlie the estimates reported in the 2003 Summer report.

[2] The first term in parentheses is the standard error and the second term is the t-statistic.

[3] The statewide values presented here, other than the one in row 1, are calculated in a different manner from the values reported in the Summer 2003 report. The Summer 2003 report values were determined by taking a population weighted average of the zone-specific impacts. The complexities of the calculations underlying the impact estimates make it difficult if not impossible to calculate a standard error for the statewide impact (which would not equal a weighted average of the standard errors of the zone-specific values). Thus, we calculated the statewide average based on a weighted average of the input values (e.g., starting usage and prices) and then calculated the standard error of that impact estimate. The difference between –12.5% in row 1 and –11.9% in row 2 largely reflects the difference in approach rather than any differences in the elasticity estimates. If the new approach is applied using the old elasticities, the impact is –11.4 rather than –12.5. Either way, the new estimate of –11.9 is within two standard deviations of the old estimate.

Table 2 - Residential CPP-F Rate Elasticity Estimates Contains Customers Present in 2003 and 2004			
	2003		
Elasticity Type	Estimate	SE	t-stat
Substitution	-0.090	0.004	-20.821
Daily	-0.035	0.005	-7.170
	2004 Differential		
	Estimate	SE	t-stat
Substitution	0.004	0.007	0.64
Daily	-0.020	0.008	-2.42
	2004		
	Estimate	SE	t-stat
Substitution	-0.086	0.005	-16.29
Daily	-0.054	0.006	-8.41

Table 3 - Residential CPP-F Rate Statewide Impact Contains Customers Present in Both 2003 and 2004									
	2003 Impacts, Average California Customer						2003 All Zone Impacts		
Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.17031	0.00795	-21.43	-13.27%	0.62%	1.28	-0.18778	-14.63%
OP	0.80	0.02097	0.00270	7.76	2.61%	0.34%	0.80	0.02564	3.19%
Daily	0.90	-0.01888	0.00261	-7.25	-2.09%	0.29%	0.90	-0.01882	-2.08%
	2004 Differential, Average California Customer						2004 All Zone Differential Impacts		
	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.00790	0.01392	-0.57	-0.62%	1.08%	1.28	-0.00717	-0.56%
OP	0.80	-0.01132	0.00435	-2.60	-1.41%	0.54%	0.80	-0.00872	-1.08%
Daily	0.90	-0.01061	0.00435	-2.44	-1.17%	0.48%	0.90	-0.00840	-0.93%
	2004 Impacts, Average California Customer						2004 All Zone Impacts		
	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.17686	0.00987	-17.92	-13.78%	0.77%	1.28	-0.19374	-15.10%
OP	0.80	0.00958	0.00343	2.79	1.19%	0.43%	0.80	0.01682	2.09%
Daily	0.90	-0.02926	0.00342	-8.55	-3.23%	0.38%	0.90	-0.02705	-2.99%

Table 4 - Residential CPP-F Rate Elasticity Estimates for the Inner Summer Period All Customers			
	2003		
Elasticity Type	Estimate	SE	t-stat
Substitution	-0.086	0.004	-20.466
Daily	-0.032	0.005	-6.804
	2004 Differential		
	Estimate	SE	t-stat
Substitution	-0.001	0.007	-0.08
Daily	-0.022	0.008	-2.78
	2004		
	Estimate	SE	t-stat
Substitution	-0.087	0.005	-16.81
Daily	-0.054	0.006	-8.55

Table 5 - Residential CPP-F Rate Statewide Impact for the Inner Summer Period Contains All Customers									
	2003 Impacts, Average California Customer						2003 All Zone Impacts		
Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.16279	0.00779	-20.90	-12.68%	0.61%	1.28	-0.17978	-14.01%
OP	0.80	0.02063	0.00265	7.78	2.56%	0.33%	0.80	0.02501	3.11%
Daily	0.90	-0.01758	0.00256	-6.87	-1.94%	0.28%	0.90	-0.01766	-1.95%
	2004 Differential, Average California Customer						2004 All Zone Differential Impacts		
	Starting Value kWh/hr	Impact	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.01785	0.01354	-1.32	-1.39%	1.05%	1.28	-0.01747	-1.36%
OP	0.80	-0.01037	0.00427	-2.43	-1.29%	0.53%	0.80	-0.00780	-0.97%
Daily	0.90	-0.01193	0.00427	-2.79	-1.32%	0.47%	0.90	-0.00981	-1.08%
	2004 Impacts, Average California Customer						2004 All Zone Impacts		
	Starting Value kWh/hr	Impact	Standard Error	t-stat	% Impact	Standard Error %	Starting Value kWh/hr	Impact kWh/hr	% Impact
P	1.28	-0.17841	0.00967	-18.46	-13.90%	0.75%	1.28	-0.19500	-15.19%
OP	0.80	0.00996	0.00338	2.95	1.24%	0.42%	0.80	0.01685	2.09%
Daily	0.90	-0.02928	0.00337	-8.69	-3.24%	0.37%	0.90	-0.02728	-3.02%

Table 6 - Residential CPP-F Rate Elasticity Estimates								
			Inner Summer			Outer Summer		
Zone	Day Type	Elasticity Type	Estimate	SE	t-stat	Estimate	SE	t-stat
1	CPP	Substitution	-0.043	0.004	-10.474	-0.027	0.007	-3.76
		Daily	-0.039	0.005	-7.820	-0.042	0.005	-8.01
	Non-CPP	Substitution	-0.040	0.004	-8.834	-0.026	0.007	-3.67
		Daily	-0.040	0.005	-7.607	-0.042	0.005	-7.98
	Weekend	Daily	-0.016	0.007	-2.420	-0.006	0.009	-0.62
2	CPP	Substitution	-0.068	0.003	-19.999	-0.034	0.006	-5.69
		Daily	-0.041	0.004	-9.763	-0.049	0.006	-7.88
	Non-CPP	Substitution	-0.064	0.004	-17.284	-0.032	0.006	-5.20
		Daily	-0.042	0.004	-9.383	-0.048	0.005	-9.07
	Weekend	Daily	-0.021	0.006	-3.628	-0.014	0.009	-1.60
3	CPP	Substitution	-0.117	0.004	-29.520	-0.045	0.007	-6.84
		Daily	-0.043	0.004	-10.171	-0.062	0.012	-5.35
	Non-CPP	Substitution	-0.110	0.004	-29.892	-0.044	0.006	-6.82
		Daily	-0.045	0.004	-10.735	-0.060	0.009	-6.78
	Weekend	Daily	-0.029	0.005	-5.436	-0.029	0.011	-2.58
4	CPP	Substitution	-0.127	0.005	-26.505	-0.051	0.009	-5.75
		Daily	-0.033	0.008	-4.172	-0.068	0.019	-3.58
	Non-CPP	Substitution	-0.122	0.004	-29.317	-0.049	0.008	-6.27
		Daily	-0.039	0.005	-7.083	-0.070	0.022	-3.24
	Weekend	Daily	-0.023	0.008	-2.828	-0.038	0.022	-1.67
All	CPP	Substitution	-0.086	0.003	-26.002	-0.038	0.006	-6.55
		Daily	-0.040	0.004	-10.525	-0.054	0.008	-6.46
	Non-CPP	Substitution	-0.081	0.003	-23.685	-0.037	0.006	-6.29
		Daily	-0.042	0.004	-10.585	-0.053	0.007	-7.41
	Weekend	Daily	-0.023	0.005	-4.411	-0.020	0.010	-2.08

Table 7- Residential CPP-F Rate Impact Estimates For Inner Summer (Pooled Data for 2003/2004)								
Zone	Day Type	Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	0.49	-0.03981	0.00322	-12.38	-8.15%	0.66%
		OP	0.47	-0.00082	0.00126	-0.66	-0.18%	0.27%
		Daily	0.47	-0.00894	0.00113	-7.90	-1.90%	0.24%
	Non-CPP	P	0.48	-0.01082	0.00132	-8.23	-2.26%	0.27%
		OP	0.46	0.00412	0.00039	10.48	0.89%	0.08%
		Daily	0.47	0.00101	0.00013	7.60	0.22%	0.03%
	Weekend	Daily	0.48	0.00225	0.00093	2.41	0.47%	0.19%
2	CPP	P	0.90	-0.09785	0.00448	-21.86	-10.93%	0.50%
		OP	0.65	0.00667	0.00162	4.11	1.02%	0.25%
		Daily	0.70	-0.01510	0.00153	-9.87	-2.15%	0.22%
	Non-CPP	P	0.78	-0.02528	0.00151	-16.72	-3.25%	0.19%
		OP	0.60	0.00818	0.00044	18.61	1.36%	0.07%
		Daily	0.64	0.00121	0.00013	9.37	0.19%	0.02%
	Weekend	Daily	0.67	0.00408	0.00113	3.62	0.61%	0.17%
3	CPP	P	1.83	-0.29913	0.00978	-30.58	-16.33%	0.53%
		OP	1.00	0.03910	0.00313	12.48	3.91%	0.31%
		Daily	1.17	-0.03136	0.00304	-10.31	-2.67%	0.26%
	Non-CPP	P	1.40	-0.07640	0.00255	-29.92	-5.44%	0.18%
		OP	0.85	0.02192	0.00071	30.79	2.57%	0.08%
		Daily	0.97	0.00144	0.00013	10.73	0.15%	0.01%
	Weekend	Daily	1.07	0.01029	0.00190	5.41	0.97%	0.18%
4	CPP	P	2.43	-0.42314	0.01836	-23.05	-17.42%	0.76%
		OP	1.34	0.06801	0.00769	8.84	5.08%	0.58%
		Daily	1.57	-0.03431	0.00813	-4.22	-2.19%	0.52%
	Non-CPP	P	1.89	-0.11692	0.00392	-29.86	-6.19%	0.21%
		OP	1.11	0.03082	0.00103	29.87	2.79%	0.09%
		Daily	1.27	0.00004	0.00001	7.08	0.00%	0.00%
	Weekend	Daily	1.35	0.00975	0.00346	2.82	0.72%	0.26%
All	CPP	P	1.28	-0.16722	0.00611	-27.38	-13.03%	0.48%
		OP	0.80	0.01658	0.00209	7.92	2.06%	0.26%
		Daily	0.90	-0.02171	0.00204	-10.65	-2.40%	0.23%
	Non-CPP	P	1.04	-0.04317	0.00183	-23.53	-4.15%	0.18%
		OP	0.71	0.01259	0.00051	24.73	1.77%	0.07%
		Daily	0.78	0.00098	0.00009	10.58	0.13%	0.01%
	Weekend	Daily	0.83	0.00586	0.00133	4.40	0.70%	0.16%

Table 8 - Residential CPP-F Rate Impact Estimates For Outer Summer (Pooled Data October 2003 and May/June 2004)								
Zone	Day Type	Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	0.56	-0.0336	0.0059	-5.721	-6.03%	1.05%
		OP	0.47	-0.0050	0.0019	-2.638	-1.05%	0.40%
		Daily	0.49	-0.0109	0.0013	-8.105	-2.23%	0.27%
	Non-CPP	P	0.52	-0.0087	0.0026	-3.309	-1.68%	0.51%
		OP	0.49	0.0035	0.0007	4.951	0.72%	0.15%
		Daily	0.49	0.0010	0.0001	7.971	0.20%	0.03%
	Weekend	Daily	0.51	0.0009	0.0015	0.620	0.19%	0.30%
2	CPP	P	0.70	-0.0491	0.0061	-8.083	-7.06%	0.87%
		OP	0.58	-0.0055	0.0022	-2.473	-0.95%	0.38%
		Daily	0.60	-0.0146	0.0018	-7.976	-2.41%	0.30%
	Non-CPP	P	0.69	-0.0130	0.0028	-4.718	-1.89%	0.40%
		OP	0.57	0.0050	0.0008	6.701	0.88%	0.13%
		Daily	0.60	0.0013	0.0001	9.058	0.21%	0.02%
	Weekend	Daily	0.62	0.0028	0.0018	1.596	0.45%	0.28%
3	CPP	P	1.07	-0.1018	0.0116	-8.745	-9.48%	1.08%
		OP	0.75	-0.0096	0.0053	-1.789	-1.28%	0.71%
		Daily	0.82	-0.0288	0.0053	-5.447	-3.52%	0.65%
	Non-CPP	P	1.02	-0.0263	0.0041	-6.349	-2.58%	0.41%
		OP	0.71	0.0091	0.0011	8.022	1.27%	0.16%
		Daily	0.78	0.0017	0.0003	6.773	0.22%	0.03%
	Weekend	Daily	0.83	0.0090	0.0035	2.569	1.08%	0.42%
4	CPP	P	1.18	-0.1275	0.0189	-6.736	-10.79%	1.60%
		OP	0.77	-0.0104	0.0092	-1.127	-1.35%	1.20%
		Daily	0.85	-0.0348	0.0095	-3.658	-4.07%	1.11%
	Non-CPP	P	1.35	-0.0406	0.0067	-6.091	-3.00%	0.49%
		OP	0.87	0.0123	0.0018	6.737	1.41%	0.21%
		Daily	0.97	0.0012	0.0004	3.237	0.13%	0.04%
	Weekend	Daily	1.03	0.0145	0.0087	1.659	1.41%	0.85%
All	CPP	P	0.84	-0.0680	0.0076	-8.890	-8.07%	0.91%
		OP	0.64	-0.0071	0.0032	-2.203	-1.12%	0.51%
		Daily	0.68	-0.0198	0.0030	-6.555	-2.91%	0.44%
	Non-CPP	P	0.84	-0.0185	0.0031	-5.862	-2.20%	0.38%
		OP	0.64	0.0065	0.0009	7.535	1.01%	0.13%
		Daily	0.68	0.0013	0.0002	7.404	0.19%	0.03%
	Weekend	Daily	0.72	0.0049	0.0024	2.070	0.69%	0.33%

Table 9 - Residential CPP-F Rate Elasticity Estimates														
			Summer 2003			Summer 2004			2nd CPP Day Differential			3rd CPP Day Differential		
Zone	Day Type	Elasticity Type	Estimate	SE	t-stat	Estimate	SE	t-stat	Estimate	SE	t-stat	Estimate	SE	t-stat
1	CPP	Substitution	-0.044	0.005	-8.152	-0.038	0.007	-5.81	-0.020	0.008	-2.49	-0.009	0.012	-0.76
		Daily	-0.029	0.006	-4.665	-0.058	0.009	-6.72	0.001	0.004	0.18	0.015	0.006	2.66
2	CPP	Substitution	-0.068	0.004	-15.232	-0.065	0.005	-11.89	-0.017	0.007	-2.47	-0.007	0.010	-0.69
		Daily	-0.032	0.005	-6.211	-0.058	0.007	-8.03	0.006	0.006	1.06	0.018	0.008	2.20
3	CPP	Substitution	-0.114	0.005	-22.310	-0.117	0.007	-17.91	-0.011	0.009	-1.24	-0.002	0.013	-0.18
		Daily	-0.038	0.005	-7.152	-0.055	0.007	-7.68	0.017	0.011	1.49	0.024	0.016	1.52
4	CPP	Substitution	-0.122	0.006	-19.916	-0.129	0.008	-16.13	-0.009	0.011	-0.79	0.002	0.016	0.15
		Daily	-0.032	0.010	-3.225	-0.037	0.014	-2.63	0.033	0.025	1.29	0.053	0.036	1.49
All	CPP	Substitution	-0.084	0.004	-19.725	-0.084	0.005	-15.65	-0.014	0.007	-2.09	-0.005	0.010	-0.48
		Daily	-0.034	0.005	-6.972	-0.055	0.007	-8.36	0.011	0.009	1.28	0.023	0.012	1.84

Table 10 - Residential CPP-F Rate
Impact Estimates For Inner Summer CPP Days
Pooled Data 2003/2004

			2003 Impacts							2004 Impacts					
Zone	Day Type	Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %		Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	0.49	-0.03835	0.00421	-9.11	-7.85%	0.86%		0.49	-0.04028	0.00516	-7.81	-8.25%	1.06%
		OP	0.47	0.00160	0.00161	0.99	0.34%	0.35%		0.47	-0.00607	0.00209	-2.90	-1.30%	0.45%
		Daily	0.47	-0.00672	0.00143	-4.70	-1.43%	0.30%		0.47	-0.01320	0.00194	-6.82	-2.80%	0.41%
2	CPP	P	0.90	-0.09406	0.00582	-16.15	-10.50%	0.65%		0.90	-0.10110	0.00724	-13.96	-11.29%	0.81%
		OP	0.65	0.00946	0.00208	4.55	1.45%	0.32%		0.65	-0.00034	0.00271	-0.13	-0.05%	0.41%
		Daily	0.70	-0.01211	0.00193	-6.27	-1.72%	0.27%		0.70	-0.02133	0.00262	-8.16	-3.03%	0.37%
3	CPP	P	1.83	-0.28830	0.01261	-22.86	-15.74%	0.69%		1.83	-0.31174	0.01619	-19.26	-17.02%	0.88%
		OP	1.00	0.04059	0.00401	10.12	4.06%	0.40%		1.00	0.03073	0.00527	5.83	3.07%	0.53%
		Daily	1.17	-0.02793	0.00386	-7.24	-2.38%	0.33%		1.17	-0.04062	0.00519	-7.82	-3.46%	0.44%
4	CPP	P	2.43	-0.40891	0.02342	-17.46	-16.83%	0.96%		2.43	-0.43465	0.03133	-13.87	-17.89%	1.29%
		OP	1.34	0.06555	0.00969	6.76	4.90%	0.72%		1.34	0.06579	0.01359	4.84	4.92%	1.02%
		Daily	1.57	-0.03329	0.01021	-3.26	-2.13%	0.65%		1.57	-0.03847	0.01445	-2.66	-2.46%	0.92%
All	CPP	P	1.28	-0.16063	0.00790	-20.33	-12.51%	0.62%		1.28	-0.17383	0.01000	-17.39	-13.54%	0.78%
		OP	0.80	0.01927	0.00268	7.18	2.39%	0.33%		0.80	0.00852	0.00350	2.44	1.06%	0.43%
		Daily	0.90	-0.01821	0.00259	-7.04	-2.01%	0.29%		0.90	-0.02947	0.00347	-8.50	-3.26%	0.38%

Table 11 - Residential CPP-F Rate
Impact Estimates For Consecutive Inner Summer CPP Days
Pooled Data 2003/2004

			CPP Day 2 Differential							CPP Day 3 Differential					
Zone	Day Type	Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %		Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	0.49	-0.01410	0.00566	-2.49	-2.89%	1.16%		0.49	-0.00312	0.00884	-0.35	-0.64%	1.81%
		OP	0.47	0.00392	0.00181	2.17	0.84%	0.39%		0.47	0.00527	0.00277	1.90	1.13%	0.59%
		Daily	0.47	0.00017	0.00090	0.18	0.04%	0.19%		0.47	0.00352	0.00133	2.65	0.75%	0.28%
2	CPP	P	0.90	-0.01732	0.00870	-1.99	-1.93%	0.97%		0.90	-0.00026	0.01335	-0.02	-0.03%	1.49%
		OP	0.65	0.00737	0.00279	2.64	1.13%	0.43%		0.65	0.00843	0.00420	2.01	1.29%	0.64%
		Daily	0.70	0.00223	0.00211	1.06	0.32%	0.30%		0.70	0.00662	0.00303	2.19	0.94%	0.43%
3	CPP	P	1.83	-0.00543	0.02654	-0.20	-0.30%	1.45%		1.83	0.02311	0.03909	0.59	1.26%	2.13%
		OP	1.00	0.01751	0.00814	2.15	1.75%	0.81%		1.00	0.01708	0.01170	1.46	1.71%	1.17%
		Daily	1.17	0.01273	0.00859	1.48	1.09%	0.73%		1.17	0.01833	0.01213	1.51	1.56%	1.03%
4	CPP	P	2.43	0.02596	0.06006	0.43	1.07%	2.47%		2.43	0.09513	0.08813	1.08	3.92%	3.63%
		OP	1.34	0.03679	0.02308	1.59	2.75%	1.72%		1.34	0.04609	0.03271	1.41	3.45%	2.45%
		Daily	1.57	0.03453	0.02715	1.27	2.21%	1.73%		1.57	0.05631	0.03857	1.46	3.60%	2.46%
All	CPP	P	1.28	-0.01561	0.01448	-1.08	-1.22%	1.13%		1.28	0.00949	0.02165	0.44	0.74%	1.69%
		OP	0.80	0.01199	0.00488	2.46	1.49%	0.61%		0.80	0.01349	0.00710	1.90	1.68%	0.88%
		Daily	0.90	0.00624	0.00487	1.28	0.69%	0.54%		0.90	0.01266	0.00692	1.83	1.40%	0.77%

Table 12 - Residential CPP-F Rate Elasticity Estimates														
			Summer 2004			1st CPP Day Differential			2nd CPP Day Differential			3rd CPP Day Differential		
Zone	Day Type	Elasticity Type	Estimate	SE	t-stat	Estimate	SE	t-stat	Estimate	SE	t-stat	Estimate	SE	t-stat
1	CPP	Substitution	-0.033	0.008	-3.86	-0.005	0.008	-0.66	-0.0254	0.009	-2.85	-0.015	0.013	-1.17
		Daily	-0.072	0.010	-7.23	-0.001	0.004	-0.23	0.0005	0.005	0.12	0.016	0.006	2.61
2	CPP	Substitution	-0.054	0.007	-7.38	-0.011	0.007	-1.70	-0.0267	0.008	-3.47	-0.017	0.011	-1.55
		Daily	-0.074	0.009	-7.79	0.006	0.007	0.84	0.0102	0.007	1.40	0.023	0.009	2.45
3	CPP	Substitution	-0.095	0.009	-10.06	-0.023	0.009	-2.65	-0.0294	0.010	-2.90	-0.021	0.014	-1.47
		Daily	-0.077	0.014	-5.59	0.021	0.015	1.43	0.0313	0.015	2.06	0.040	0.019	2.07
4	CPP	Substitution	-0.102	0.012	-8.69	-0.028	0.011	-2.53	-0.0311	0.013	-2.45	-0.020	0.017	-1.14
		Daily	-0.074	0.030	-2.49	0.053	0.033	1.59	0.0687	0.034	2.02	0.090	0.043	2.10
Average Customer	CPP	Substitution	-0.069	0.008	-9.13	-0.016	0.007	-2.31	-0.0278	0.008	-3.50	-0.018	0.011	-1.63
		Daily	-0.074	0.011	-6.58	0.015	0.012	1.26	0.0214	0.012	1.81	0.034	0.015	2.28

Note: Estimates based on zone-specific central air conditioning and 2003-2004 Inner CPP Day weather.

Table 13 - Residential CPP-F Rate CPP Persistence Test: Average Customer						
	Elasticity of Substition			Daily Elasticity		
	Estimate	SE	t-stat	Estimate	SE	t-stat
Base	-0.069	0.008	-9.13	-0.074	0.011	-6.579
CPP Day 1	-0.016	0.007	-2.31	0.015	0.012	1.259
CPP Day 2	-0.028	0.008	-3.50	0.021	0.012	1.812
CPP Day 3	-0.018	0.011	-1.63	0.034	0.015	2.282
	Chi-Square:			Chi-Square:		
	Statistic	D.F.	P-Value	Statistic	D.F.	P-Value
	2.66	2	0.26	2.17	2	0.34

Table 14 - Residential CPP-F Rate
Impact Estimates For Inner Summer CPP Days

			2004 Impacts						CPP Day 1 Differential				
Zone	Day Type	Rate Period	Starting Value kWh/hr	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	0.49	-0.040	0.006	-6.27	-8.14%	1.30%	-0.004	0.006	-0.70	-0.80%	1.15%
		OP	0.47	-0.010	0.003	-3.88	-2.18%	0.56%	0.001	0.002	0.43	0.16%	0.38%
		Daily	0.47	-0.016	0.002	-7.36	-3.47%	0.47%	0.000	0.001	-0.23	-0.05%	0.20%
2	CPP	P	0.90	-0.096	0.009	-10.28	-10.74%	1.04%	-0.011	0.009	-1.22	-1.19%	0.98%
		OP	0.65	-0.009	0.004	-2.41	-1.39%	0.58%	0.006	0.003	1.79	0.86%	0.48%
		Daily	0.70	-0.027	0.003	-7.94	-3.87%	0.49%	0.002	0.003	0.84	0.31%	0.37%
3	CPP	P	1.83	-0.289	0.025	-11.76	-15.76%	1.34%	-0.029	0.028	-1.04	-1.58%	1.53%
		OP	1.00	0.005	0.010	0.52	0.51%	0.98%	0.028	0.011	2.64	2.79%	1.06%
		Daily	1.17	-0.056	0.010	-5.73	-4.79%	0.84%	0.016	0.011	1.42	1.36%	0.96%
4	CPP	P	2.43	-0.410	0.053	-7.70	-16.87%	2.19%	-0.002	0.068	-0.03	-0.09%	2.81%
		OP	1.34	0.013	0.027	0.47	0.96%	2.05%	0.072	0.032	2.27	5.40%	2.37%
		Daily	1.57	-0.075	0.029	-2.56	-4.81%	1.88%	0.057	0.036	1.56	3.62%	2.32%
Average Customer	CPP	P	1.28	-0.164	0.014	-11.46	-12.80%	1.12%	-0.015	0.015	-1.01	-1.20%	1.19%
		OP	0.80	-0.007	0.006	-1.18	-0.88%	0.75%	0.014	0.006	2.28	1.76%	0.77%
		Daily	0.90	-0.040	0.006	-6.73	-4.40%	0.65%	0.008	0.006	1.25	0.89%	0.71%

Note: All estimates based on zone-specific central air conditioning, 2003-2004 Inner CPP Day weather, and zone-specific CPP day prices for inner summer 2003-2004.

Table 14 (Continued) - Residential CPP-F Rate
Impact Estimates For Inner Summer CPP Days

			CPP Day 2 Differential					CPP Day 3 Differential				
Zone	Day Type	Rate Period	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %	Impact kWh/hr	Standard Error	t-stat	% Impact	Standard Error %
1	CPP	P	-0.018	0.006	-2.85	-3.76%	1.32%	-0.007	0.009	-0.76	-1.44%	1.90%
		OP	0.005	0.002	2.43	1.07%	0.44%	0.007	0.003	2.27	1.42%	0.63%
		Daily	0.000	0.001	0.12	0.03%	0.23%	0.004	0.001	2.60	0.80%	0.31%
2	CPP	P	-0.027	0.010	-2.74	-3.05%	1.11%	-0.010	0.014	-0.68	-1.07%	1.58%
		OP	0.012	0.003	3.50	1.84%	0.53%	0.014	0.005	2.89	2.07%	0.72%
		Daily	0.004	0.003	1.39	0.54%	0.39%	0.009	0.004	2.44	1.24%	0.51%
3	CPP	P	-0.031	0.031	-1.01	-1.71%	1.70%	-0.001	0.043	-0.03	-0.08%	2.32%
		OP	0.038	0.011	3.47	3.81%	1.10%	0.038	0.014	2.72	3.84%	1.41%
		Daily	0.024	0.012	2.04	2.02%	0.99%	0.030	0.015	2.04	2.57%	1.26%
4	CPP	P	0.014	0.074	0.19	0.56%	3.03%	0.085	0.099	0.86	3.50%	4.09%
		OP	0.089	0.033	2.74	6.67%	2.43%	0.100	0.041	2.42	7.49%	3.09%
		Daily	0.074	0.037	1.97	4.70%	2.38%	0.097	0.048	2.04	6.20%	3.04%
Average Customer	CPP	P	-0.030	0.017	-1.78	-2.35%	1.32%	-0.004	0.023	-0.18	-0.32%	1.83%
		OP	0.023	0.006	3.52	2.84%	0.81%	0.025	0.008	2.96	3.10%	1.05%
		Daily	0.012	0.007	1.80	1.30%	0.72%	0.019	0.008	2.26	2.09%	0.93%

Note: All estimates based on zone-specific central air conditioning, 2003-2004 Inner CPP Day weather, and zone-specific CPP day prices for inner summer 2003-2004.

Table 15 C&I Results for CPP-V in 2004			
Customer Class	Specification	Track A Elasticity of Substitution	Track C Elasticity of Substitution
LT20 (< 20 kW)	Basic Model	-0.0445 (0.0144) (-3.10)	-0.0546 (0.0141) (-3.88)
	Sq. Ft. (Low = 500)	-0.079 (0.0169) (-4.67)	-0.0575 (0.0159) (-3.62)
	Sq. Ft (High=10,000)	-.0341 (0.0184) (-1.86)	-0.0498 (0.0244) (-2.04)
	Avg. Daily Use (Low=10)	-0.0044 (0.0191) (-0.23)	-0.0307 (0.0201) (-1.53)
	Avg. Daily Use (High=70)	-0.0836 (0.0187) (-4.48)	-0.0703 (0.0157) (-4.48)
	With Tech	-0.0687 (0.0157) (-4.39)	N/A
GT20 (> 20 kW)	Basic Model	-0.0692 (0.00830) (-8.34)	-0.0632 (0.00678) (-9.31)
	Sq. Ft. (Low = 5,000)	-0.0875 (0.00947) (-9.23)	-0.0869 (0.00718) (-12.1)
	Sq. Ft. (High= 30,000)	-0.0531 (0.0102) (-5.19)	-0.008 (0.0142) (-0.56)
	Avg. Daily Use (Low = 100)	-0.0704 (0.0095) (-7.39)	-0.0929 (0.0082) (-11.28)
	Avg. Daily Use (High=600)	-0.0644 (0.0107) (-6.01)	-0.0344 (0.0113) (-3.04)
	With Tech	-0.0718 (0.0098) (-7.35)	N/A