

Exhibit No. \_\_\_ (JBT-4)  
Docket UE-140762, et al.  
Witness: Jeremy B. Twitchell

BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFIC POWER & LIGHT  
COMPANY,

Respondent.

UE-140762 and UE-140617  
(consolidated)

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In the Matter of the Petition of

PACIFIC POWER & LIGHT  
COMPANY,

For an Order Approving Deferral of  
Costs Related to Colstrip Outage.

DOCKET UE-131384 (consolidated)

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In the Matter of the Petition of

PACIFIC POWER & LIGHT  
COMPANY,

For an Order Approving Deferral of  
Costs Related to Declining Hydro  
Generation.

DOCKET UE-140094 (consolidated)

EXHIBIT TESTIMONY OF

Jeremy B. Twitchell

STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION

*Rate Design and Support*

October 10, 2014

**PACIFIC POWER & LIGHT COMPANY**  
**STATE OF WASHINGTON**  
 12 MONTHS ENDED DECEMBER 2013  
 Staff Proposed Rate Structure - All Schedules

	Units Actual	Present Price	Present Dollars Actual	Proposed Price	Proposed Dollars	Distribution Price	Distribution Dollars	Transmission Price	Transmission Dollars	Generation Price	Generation Dollars	
<b>SCHEDULE 15</b>												
<b>Outdoor Area Lighting Service-Grand Combined</b>												
Mercury Vapor Lamp Charges												
7,000 Lumens	27,329	\$10.63	\$290,508	\$10.63	\$290,508	\$6.24	\$170,411	\$0.88	\$24,144	\$3.51	\$95,954	
21,000 Lumens	4,371	\$20.23	\$88,427	\$20.23	\$88,427	\$11.87	\$51,871	\$1.68	\$7,349	\$6.68	\$29,207	
55,000 Lumens	540	\$41.86	\$22,620	\$41.86	\$22,620	\$24.55	\$13,269	\$3.48	\$1,880	\$13.83	\$7,471	
High Pressure Sodium Vapor Lamp Charges												
5,800 Lumens	1,979	\$12.09	\$23,929	\$12.09	\$23,929	\$7.09	\$14,037	\$1.00	\$1,989	\$3.99	\$7,904	
22,000 Lumens	1,668	\$17.76	\$29,629	\$17.76	\$29,629	\$10.42	\$17,380	\$1.48	\$2,462	\$5.87	\$9,786	
50,000 Lumens	502	\$28.64	\$14,384	\$28.64	\$14,384	\$16.80	\$8,438	\$2.38	\$1,195	\$9.46	\$4,751	
Pole Charges	610	\$1.00	\$610	\$1.00	\$610	\$1.00	\$610					
Total Bills	30,383		\$470,107		470,107		276,015		39,019		155,073	
Subtotal	3,967,563		(\$1,473)		(\$1,473)		(\$866)		(\$122)		(\$485)	
Unbilled	(12,328)											
Total	3,955,235		\$468,634		\$468,634		\$275,149		\$38,897		\$154,588	

\*Included In Generation Price

	Units Actual	Present Price	Present Dollars Actual	Proposed Price	Proposed Dollars	Distribution Price	Distribution Dollars	Transmission Price	Transmission Dollars	Generation Price	Generation Dollars	
<b>SCHEDULE 15</b>												
<b>Outdoor Area Lighting Service-Residential</b>												
Mercury Vapor Lamp Charges												
7,000 Lumens	12,660	\$10.63	\$134,572	\$10.63	\$134,572	\$6.24	\$78,939	\$0.88	\$11,184	\$3.51	\$44,448	
21,000 Lumens	268	\$20.23	\$5,428	\$20.23	\$5,428	\$11.87	\$3,184	\$1.68	\$451	\$6.68	\$1,793	
55,000 Lumens	0	\$41.86	\$0	\$41.86	\$0	\$24.55	\$0	\$3.48	\$0	\$13.83	\$0	
High Pressure Sodium Vapor Lamp Charges												
5,800 Lumens	808	\$12.09	\$9,764	\$12.09	\$9,764	\$7.09	\$5,727	\$1.00	\$811	\$3.99	\$3,225	
22,000 Lumens	206	\$17.76	\$3,653	\$17.76	\$3,653	\$10.42	\$2,143	\$1.48	\$304	\$5.87	\$1,206	
50,000 Lumens	12	\$28.64	\$344	\$28.64	\$344	\$16.80	\$202	\$2.38	\$29	\$9.46	\$114	
Pole Charges	127	\$1.00	\$127	\$1.00	\$127	\$1.00	\$127					
NPC-Base - NPC per kWh	1,061,743											
Total Bills	13,695		\$153,887		\$153,887		\$90,322		\$12,779		\$50,786	
Subtotal	1,061,743		(\$315)		(\$315)		(\$185)		(\$26)		(\$104)	
Unbilled	(3,835)											
Total	1,057,908		\$153,572		\$153,572		\$90,137		\$12,753		\$50,682	

SCHEDULE 1.5  
 Outdoor Area Lighting Service-Commercial

Mercury Vapor Lamp Charges										
7,000 Lumens	14,057	\$10.63	\$149,430	\$6.24	\$87,655	\$0.88	\$12,419	\$3.51	\$49,356	
21,000 Lumens	3,695	\$20.23	\$74,750	\$11.87	\$43,848	\$1.68	\$6,212	\$6.68	\$24,690	
55,000 Lumens	492	\$41.86	\$20,610	\$24.55	\$12,090	\$3.48	\$1,713	\$13.83	\$6,808	
High Pressure Sodium Vapor Lamp Charges										
5,800 Lumens	1,160	\$12.09	\$14,020	\$7.09	\$8,224	\$1.00	\$1,165	\$3.99	\$4,631	
22,000 Lumens	1,367	\$17.76	\$24,272	\$10.42	\$14,238	\$1.48	\$2,017	\$5.87	\$8,017	
50,000 Lumens	466	\$28.64	\$13,353	\$16.80	\$7,833	\$2.38	\$1,110	\$9.46	\$4,410	
Pole Charges	351	\$1.00	\$351	\$1.00	\$351					
Total Bills	16,015									
Subtotal	2,156,448		\$296,786		\$174,239					
Unbilled	(6,100)		(\$734)		(\$432)					
Total	2,150,348		\$296,052		\$173,807		(\$61)			(\$242)
							(\$61)			(\$242)

SCHEDULE 1.5  
 Outdoor Area Lighting Service-Industrial

Mercury Vapor Lamp Charges										
7,000 Lumens	612	\$10.63	\$6,507	\$6.24	\$3,817	\$0.88	\$541	\$3.51	\$2,149	
21,000 Lumens	408	\$20.23	\$8,249	\$11.87	\$4,839	\$1.68	\$686	\$6.68	\$2,725	
55,000 Lumens	48	\$41.86	\$2,009	\$24.55	\$1,179	\$3.48	\$167	\$13.83	\$664	
High Pressure Sodium Vapor Lamp Charges										
5,800 Lumens	12	\$12.09	\$145	\$7.09	\$85	\$1.00	\$12	\$3.99	\$48	
22,000 Lumens	96	\$17.76	\$1,705	\$10.42	\$1,000	\$1.48	\$142	\$5.87	\$563	
50,000 Lumens	24	\$28.64	\$687	\$16.80	\$403	\$2.38	\$57	\$9.46	\$227	
Pole Charges	132	\$1.00	\$132	\$1.00	\$132					
Total Bills	673									
Subtotal	149,372		\$19,435		\$11,455					
Unbilled	(2,993)		(\$424)		(\$249)					
Total	146,979		\$19,011		\$11,206		(\$35)			(\$140)
							(\$35)			(\$140)

SCHEDULE 16/18  
 Residential Service-Combined

Basic Charge	1,254,495	\$7.75	\$9,722,338	\$13.00	\$16,308,438	\$13.00	\$16,308,438	2.233 ¢	\$19,017,661	2.626 ¢	\$22,361,696	1.614 ¢	\$13,744,062
1st 800 kWh	851,679,450	6.199 ¢	\$60,499,050	6.472 ¢	\$55,120,694	6.472 ¢	\$55,120,694	9.170 ¢	\$42,274,372	9.170 ¢	\$42,274,372	9.170 ¢	\$42,274,003
Next 900 kWh	461,007,328	7.104 ¢	\$45,257,089	9.170 ¢	\$42,274,372	9.170 ¢	\$42,274,372	11.996 ¢	\$31,725,612	11.996 ¢	\$31,725,612	11.996 ¢	\$31,725,612
All add'l kWh	264,468,255	9.817 ¢	\$25,962,848	11.996 ¢	\$31,725,612	11.996 ¢	\$31,725,612	1.71	\$9,327	1.71	\$9,327	1.71	\$9,327
kW demand	5,446	\$1.65	\$8,985	\$1.71	\$9,327	\$1.71	\$9,327	\$3.32	\$2,401	\$3.32	\$2,401	\$3.32	\$2,402
Minimum kW Charge	723	\$3.20	\$2,313	\$3.32	\$2,401	\$3.32	\$2,401	(\$1.71)	\$145,440,724	(\$1.71)	\$145,440,724	(\$1.71)	\$87,755,286
kW demand in minimum	70	(\$1.65)	\$116	(\$1.71)	\$120	(\$1.71)	\$120						
Subtotal	1,577,155,033		\$141,452,507		\$145,440,724		\$145,440,724		(\$72,123)		(\$42,704)		(\$164,239)
Unbilled	(5,866,445)		(279,067)		(279,067)		(279,067)						
Total	1,571,288,588		\$141,173,440		\$145,161,657		\$145,161,657		\$35,253,976		\$22,318,991		\$87,591,047

SCHEDULE 16  
 Residential Service  
 Includes Schedule 16 Net Metering

Basic Charge	1,202,807	\$7.75	\$9,321,754	\$13.00	\$15,636,491	\$13.00	\$15,636,491	2.233 ¢	\$18,191,365	2.626 ¢	\$21,390,105	1.614 ¢	\$13,146,898
1st 800 kWh	814,674,928	7.104 ¢	\$57,870,434	6.472 ¢	\$52,725,761	6.472 ¢	\$52,725,761	9.170 ¢	\$40,443,490	9.170 ¢	\$40,443,490	9.170 ¢	\$40,443,137
Next 900 kWh	441,041,331	9.817 ¢	\$43,297,027	11.996 ¢	\$30,510,128	11.996 ¢	\$30,510,128	\$1.71	\$0	\$1.71	\$0	\$1.71	\$30,510,128
All add'l kWh	254,335,849	9.817 ¢	\$24,968,150	\$3.32	\$0	\$3.32	\$0	(\$1.71)	\$139,315,870	(\$1.71)	\$139,315,870	(\$1.71)	(\$157,278)
kW demand	0	\$1.65	\$0	\$0	\$0	\$0	\$0						
Minimum kW Charge	0	\$3.20	\$0	\$3.32	\$0	\$3.32	\$0						
kW demand in minimum	0	(\$1.65)	\$0	(\$1.71)	\$0	(\$1.71)	\$0						
Subtotal	1,510,052,108		\$135,457,365		\$139,315,870		\$139,315,870		(\$69,066)		\$21,390,105		\$84,100,163
Unbilled	(5,617,740)		(267,238)		(267,238)		(267,238)				(\$40,894)		(\$157,278)
Total	1,504,434,368		\$135,190,127		\$139,048,632		\$139,048,632		\$33,758,790		\$21,349,211		\$83,942,885

SCHEDULE 17  
 Residential Service

Basic Charge	50,454	\$7.75	\$391,022	\$13.00	\$655,908	\$13.00	\$655,908	2.233 ¢	\$796,649	2.626 ¢	\$936,731	1.614 ¢	\$575,738
1st 800 kWh	35,676,833	7.104 ¢	\$2,534,304	6.472 ¢	\$2,309,005	6.472 ¢	\$2,309,005	9.170 ¢	\$1,764,964	9.170 ¢	\$1,764,964	9.170 ¢	\$1,764,948
Next 900 kWh	19,247,150	9.817 ¢	\$1,889,493	11.996 ¢	\$1,165,769	11.996 ¢	\$1,165,769	\$1.71	\$0	\$1.71	\$0	\$1.71	\$1,165,769
All add'l kWh	9,717,980	9.817 ¢	\$954,014	\$3.32	\$0	\$3.32	\$0						
kW demand	0	\$1.65	\$0	\$1.71	\$0	\$1.71	\$0						
Minimum kW Charge	0	\$3.20	\$0	\$3.32	\$0	\$3.32	\$0						
kW demand in minimum	0	(\$1.65)	\$0	(\$1.71)	\$0	(\$1.71)	\$0						
Subtotal	64,641,963		\$5,768,833		\$5,895,646		\$5,895,646		(\$2,924)		\$936,731		\$3,506,455
Unbilled	(238,854)		(11,315)		(11,315)		(11,315)				(\$1,732)		(\$6,659)
Total	64,403,109		\$5,757,518		\$5,884,331		\$5,884,331		\$1,449,633		\$934,999		\$3,499,796

SCHEDULE 18  
 Residential Service

Basic Charge	1,018	\$7.75	\$7,888	\$13,231	\$13,231	\$13,231	1.614 ¢	\$18,387
1st 800 kWh	1,139,385	7.104 ¢	\$80,936	\$73,741	\$25,442	2,233 ¢	9.170 ¢	\$56,569
Next 900 kWh	616,894	9.817 ¢	\$60,560	\$56,569			11,996 ¢	\$42,664
All add'l kWh	355,649	9.817 ¢	\$34,914	\$42,664			\$1.71	\$8,003
kW demand	4,673	\$1.65	\$7,710	\$1.71	\$8,003		\$3.32	\$2,046
Minimum kW Charge	616	\$3.20	\$1,971	\$2,046			(\$1.71)	(\$94)
kW demand in minimum	55	(\$1.65)	(\$91)	(\$94)				\$127,575
Subtotal	2,111,928		\$193,888	\$196,160	\$38,673			(\$254)
Unbilled	(8,270)		(\$432)	(\$432)	(\$112)			
Total	2,103,658		\$193,456	\$195,728	\$38,561			\$127,321

SCHEDULE 18X  
 Residential Service

Basic Charge	216	\$7.75	\$1,674	\$2,808	\$2,808	\$2,808	1.614 ¢	\$3,039
1st 800 kWh	188,304	7.104 ¢	\$13,376	\$12,187	\$4,205	2,233 ¢	9.170 ¢	\$9,349
Next 900 kWh	101,953	9.817 ¢	\$10,009	\$9,349			11,996 ¢	\$7,051
All add'l kWh	58,777	9.817 ¢	\$5,770	\$7,051			\$1.71	\$1,324
kW demand	773	\$1.65	\$1,275	\$1,324			\$3.32	\$355
Minimum kW Charge	107	\$3.20	\$342	\$355			(\$1.71)	(\$26)
kW demand in minimum	15	(\$1.65)	(\$25)	(\$26)				\$21,092
Subtotal	349,034		\$32,421	\$33,048	\$7,012			(\$48)
Unbilled	(1,581)		(\$81)	(\$81)	(\$12)			
Total	347,453		\$32,340	\$32,967	\$6,991			\$21,044



SCHEDULE 24  
Small General Service-Combined

Basic Charge	159,825	\$8.71	\$1,392,074	\$8.71	\$1,392,074	\$8.71	\$1,392,074	\$8.71	\$1,392,074	\$0.59	\$500,356	\$2.29	\$1,937,725
Single Phase	63,164	\$12.98	\$819,872	\$12.98	\$819,872	\$12.98	\$819,872	\$12.98	\$819,872	\$1.69	\$2,213,223	\$6.56	\$8,571,129
Three Phase	1,251,783	\$0.92	\$1,151,641	\$0.92	\$1,151,641	\$0.92	\$1,151,641	\$0.92	\$1,151,641	\$1.17	\$3,382,440	\$4.53	\$13,099,149
Load Size > 15 kW	222,989	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$1.01	\$1,248,922	\$3.91	\$4,836,689
Total Basic Charges	847,087	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$3.61	\$3,057,984	\$1.00	\$12,930	\$45.00	\$52,892
All kW > 15	130,575,962	10.359	\$13,526,365	10.359	\$13,526,365	10.359	\$13,526,365	10.359	\$13,526,365	-1.0%			
1st 1,000 kWh	288,878,911	7.156	\$20,672,175	7.156	\$20,672,175	7.156	\$20,672,175	7.156	\$20,672,175				
Next 8,000 kWh	123,790,615	6.166	\$7,632,930	6.166	\$7,632,930	6.166	\$7,632,930	6.166	\$7,632,930				
All additional kWh	117,538	56.00	\$65,821	56.00	\$65,821	56.00	\$65,821	56.00	\$65,821				
Excess Kvar		-1.0%		-1.0%		-1.0%		-1.0%					
Discounts	72	\$8.71	(\$6)	\$8.71	(\$6)	\$8.71	(\$6)	\$8.71	(\$6)				
Single Phase	39	\$12.98	(\$5)	\$12.98	(\$5)	\$12.98	(\$5)	\$12.98	(\$5)				
Three Phase	1,129	\$0.92	(\$11)	\$0.92	(\$11)	\$0.92	(\$11)	\$0.92	(\$11)				
Load Size > 15 kW	948	\$3.61	(\$35)	\$3.61	(\$35)	\$3.61	(\$35)	\$3.61	(\$35)				
All kW	90,642	10.359	(\$94)	10.359	(\$94)	10.359	(\$94)	10.359	(\$94)	\$0.59	(\$6)	\$2.29	(\$22)
1st 1,000 kWh	455,824	7.156	(\$326)	7.156	(\$326)	7.156	(\$326)	7.156	(\$326)	1.695	(\$15)	6.564	(\$60)
Next 8,000 kWh	176,780	6.166	(\$109)	6.166	(\$109)	6.166	(\$109)	6.166	(\$109)	1.471	(\$53)	4.534	(\$206)
All additional kWh	1,148	56.00	(\$6)	56.00	(\$6)	56.00	(\$6)	56.00	(\$6)	1.009	(\$18)	3.907	(\$69)
Excess Kvar	123	\$60.00	\$7,408	\$60.00	\$7,408	\$60.00	\$7,408	\$60.00	\$7,408	11.00	(\$1)	45.00	(\$5)
High Voltage Charge	1,129	(30.00)	(\$339)	(30.00)	(\$339)	(30.00)	(\$339)	(30.00)	(\$339)	\$12.31	\$1,520	\$47.69	\$5,888
Load Size Discount	543,245,488		\$48,325,339		\$48,325,339		\$48,325,339		\$48,325,339	0.00	\$0	0.00	\$0
Subtotal	(1,810,988)		(\$144,541)		(\$144,541)		(\$144,541)		(\$144,541)				
Unbilled	541,434,500		\$48,180,798		\$48,180,798		\$48,180,798		\$48,180,798				
Total			\$48,180,798		\$48,180,798		\$48,180,798		\$48,180,798		\$7,359,298		\$26,503,110
											(\$23,847)		(\$92,424)
											\$7,359,951		\$28,410,686

SCHEDULE 24  
Small General Service-Residential

Basic Charge	16,223	\$8.71	\$141,298	\$8.71	\$141,298	\$8.71	\$141,298	\$8.71	\$141,298	\$0.59	\$2,028	\$2.29	\$7,853
Single Phase	747	\$12.98	\$9,700	\$12.98	\$9,700	\$12.98	\$9,700	\$12.98	\$9,700	\$1.69	\$81,194	\$6.56	\$314,438
Three Phase	4,516	\$0.92	\$4,155	\$0.92	\$4,155	\$0.92	\$4,155	\$0.92	\$4,155	\$1.17	\$22,564	\$4.53	\$87,383
Load Size > 15 kW	16,970	\$3.61	\$12,393	\$3.61	\$12,393	\$3.61	\$12,393	\$3.61	\$12,393	\$1.01	\$3,004	\$3.91	\$11,633
Total Basic Charges	3,433	\$3.61	\$12,393	\$3.61	\$12,393	\$3.61	\$12,393	\$3.61	\$12,393	11.00	\$2	\$45.00	\$7
All kW > 15	4,790,266	10.359	\$496,224	10.359	\$496,224	10.359	\$496,224	10.359	\$496,224	-1.0%			
1st 1,000 kWh	1,927,076	7.156	\$137,902	7.156	\$137,902	7.156	\$137,902	7.156	\$137,902				
Next 8,000 kWh	297,733	6.166	\$18,358	6.166	\$18,358	6.166	\$18,358	6.166	\$18,358				
All additional kWh	15	56.00	\$8	56.00	\$8	56.00	\$8	56.00	\$8				
Excess Kvar		-1.0%		-1.0%		-1.0%		-1.0%					
Discounts	0	\$8.71	\$0	\$8.71	\$0	\$8.71	\$0	\$8.71	\$0				
Single Phase	9	\$12.98	(\$1)	\$12.98	(\$1)	\$12.98	(\$1)	\$12.98	(\$1)				
Three Phase	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0				
Load Size > 15 kW	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0				
All kW > 15	0	10.359	\$0	10.359	\$0	10.359	\$0	10.359	\$0				
1st 1,000 kWh	0	7.156	\$0	7.156	\$0	7.156	\$0	7.156	\$0				
Next 8,000 kWh	0	6.166	\$0	6.166	\$0	6.166	\$0	6.166	\$0				
All additional kWh	0	56.00	\$0	56.00	\$0	56.00	\$0	56.00	\$0				
Excess Kvar	0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0				
High Voltage Charge	0	(30.00)	\$0	(30.00)	\$0	(30.00)	\$0	(30.00)	\$0				
Load Size Discount	7,015,075		\$820,037		\$820,037		\$820,037		\$820,037				
Subtotal	(25,720)		(\$1,618)		(\$1,618)		(\$1,618)		(\$1,618)				
Unbilled	6,989,355		\$818,419		\$818,419		\$818,419		\$818,419				
Total			\$818,419		\$818,419		\$818,419		\$818,419		\$108,792		\$421,314
											(\$265)		(\$1,025)
											\$108,527		\$420,289

**SCHEDULE 24**  
 Small General Service-Commercial  
 Includes Schedule 24 Net Metering

Basic Charge	141,741	\$8.71	\$1,234,566	\$8.71	\$1,234,566	\$8.71	\$1,234,566	\$8.71	\$1,234,566	\$0.59	\$474,548	\$2.29	\$1,837,779
Single Phase	59,417	\$12.98	\$771,233	\$12.98	\$771,233	\$12.98	\$771,233	\$12.98	\$771,233	1.695 c	\$2,076,090	6.564 c	\$8,040,058
Three Phase	1,187,077	\$0.92	\$1,092,111	\$0.92	\$1,092,111	\$0.92	\$1,092,111	\$0.92	\$1,092,111	1.171 c	\$3,243,631	4.534 c	\$12,561,584
Load Size > 15 kW	201,158	\$3.61	\$2,900,256	\$3.61	\$2,900,256	\$3.61	\$2,900,256	\$3.61	\$2,900,256	1.009 c	\$1,190,724	3.907 c	\$4,611,308
Total Basic Charges	803,395	\$12.98	\$10,359 c	\$12.98	\$10,359 c	\$12.98	\$10,359 c	\$12.98	\$10,359 c	11.00 c	\$11,469	45.00 c	\$46,917
All kW > 15	122,485,429	\$0.92	\$112,688,266	\$0.92	\$112,688,266	\$0.92	\$112,688,266	\$0.92	\$112,688,266	-1.0%		-1.0%	
Next 1,000 kWh	277,023,852	\$3.61	\$19,823,827	\$3.61	\$19,823,827	\$3.61	\$19,823,827	\$3.61	\$19,823,827	\$0.59	(\$5)	\$2.29	(\$18)
All additional kWh	118,022,195	\$0.92	\$7,277,249	\$0.92	\$7,277,249	\$0.92	\$7,277,249	\$0.92	\$7,277,249	1.695 c	(\$15)	6.564 c	(\$58)
Excess Kvar	104,261	\$6.00	\$58,386	\$6.00	\$58,386	\$6.00	\$58,386	\$6.00	\$58,386	1.171 c	(\$51)	4.534 c	(\$197)
Discounts	72	-\$8.71	(\$6)	-\$8.71	(\$6)	-\$8.71	(\$6)	-\$8.71	(\$6)	11.00 c	(\$1)	45.00 c	(\$5)
Single Phase	27	\$12.98	(\$4)	\$12.98	(\$4)	\$12.98	(\$4)	\$12.98	(\$4)	\$0.59	(\$5)	\$2.29	(\$18)
Three Phase	986	\$0.92	(\$9)	\$0.92	(\$9)	\$0.92	(\$9)	\$0.92	(\$9)	1.695 c	(\$15)	6.564 c	(\$58)
Load Size > 15 kW	767	\$3.61	(\$28)	\$3.61	(\$28)	\$3.61	(\$28)	\$3.61	(\$28)	1.171 c	(\$51)	4.534 c	(\$197)
All kW > 15	88,042	\$0.92	(\$311)	\$0.92	(\$311)	\$0.92	(\$311)	\$0.92	(\$311)	1.009 c	(\$11)	3.907 c	(\$43)
1st 1,000 kWh	435,024	\$6.00	(\$67)	\$6.00	(\$67)	\$6.00	(\$67)	\$6.00	(\$67)	11.00 c	(\$1)	45.00 c	(\$5)
Next 8,000 kWh	108,980	\$0.92	(\$6)	\$0.92	(\$6)	\$0.92	(\$6)	\$0.92	(\$6)	\$0.59	(\$5)	\$2.29	(\$18)
All additional kWh	1,148	\$6.00	\$7,252	\$6.00	\$7,252	\$6.00	\$7,252	\$6.00	\$7,252	11.00 c	(\$1)	45.00 c	(\$5)
Excess Kvar	121	-\$30.00	(\$281)	-\$30.00	(\$281)	-\$30.00	(\$281)	-\$30.00	(\$281)	\$12.31	\$1,488	\$47.69	\$5,764
High Voltage Charge	986	\$30.00	(\$281)	\$30.00	(\$281)	\$30.00	(\$281)	\$30.00	(\$281)				
Load Size Discount	517,531,477	\$45,852,343		\$45,852,343		\$45,852,343		\$45,852,343					
Subtotal	(1,485,757)		(\$108,791)		(\$108,791)		(\$108,791)		(\$108,791)				
Unbilled			\$45,743,552		\$45,743,552		\$45,743,552		\$45,743,552				
Total	18,399,426		\$1,618,827		\$1,618,827		\$1,618,827		\$1,618,827				
			\$11,751,382		\$11,751,382		\$11,751,382		\$11,751,382				
			(\$22,054)		(\$22,054)		(\$22,054)		(\$22,054)				
			\$6,997,867		\$6,997,867		\$6,997,867		\$6,997,867				
			(\$17,801)		(\$17,801)		(\$17,801)		(\$17,801)				
			\$5,980,066		\$5,980,066		\$5,980,066		\$5,980,066				
			\$27,103,089		\$27,103,089		\$27,103,089		\$27,103,089				
			(\$68,937)		(\$68,937)		(\$68,937)		(\$68,937)				
			\$27,034,152		\$27,034,152		\$27,034,152		\$27,034,152				

**SCHEDULE 24**  
 Small General Service-Industrial

Basic Charge	1,861	\$8.71	\$16,210	\$8.71	\$16,210	\$8.71	\$16,210	\$8.71	\$16,210	\$0.59	\$23,780	\$2.29	\$92,093
Single Phase	3,000	\$12.98	\$38,939	\$12.98	\$38,939	\$12.98	\$38,939	\$12.98	\$38,939	1.695 c	\$55,939	6.564 c	\$216,633
Three Phase	60,190	\$0.92	\$55,375	\$0.92	\$55,375	\$0.92	\$55,375	\$0.92	\$55,375	1.171 c	\$116,245	4.534 c	\$450,182
Load Size > 15 kW	4,861	\$3.61	\$145,335	\$3.61	\$145,335	\$3.61	\$145,335	\$3.61	\$145,335	1.009 c	\$55,194	3.907 c	\$213,748
Total Basic Charges	40,259	\$12.98	\$52,054	\$12.98	\$52,054	\$12.98	\$52,054	\$12.98	\$52,054	11.00 c	\$1,459	45.00 c	\$5,968
All kW > 15	9,300,267	\$0.92	(\$7)	\$0.92	(\$7)	\$0.92	(\$7)	\$0.92	(\$7)	-1.0%		-1.0%	
Next 8,000 kWh	9,927,983	\$3.61	(\$3)	\$3.61	(\$3)	\$3.61	(\$3)	\$3.61	(\$3)	\$0.59	(\$1)	\$2.29	(\$4)
All additional kWh	5,470,687	\$0.92	(\$15)	\$0.92	(\$15)	\$0.92	(\$15)	\$0.92	(\$15)	1.695 c	\$0	6.564 c	(\$2)
Excess Kvar	13,252	\$6.00	(\$42)	\$6.00	(\$42)	\$6.00	(\$42)	\$6.00	(\$42)	1.171 c	(\$2)	4.534 c	(\$9)
Discounts	0	-\$8.71	\$0	-\$8.71	\$0	-\$8.71	\$0	-\$8.71	\$0	1.009 c	(\$7)	3.907 c	(\$26)
Single Phase	3	\$12.98	(\$2)	\$12.98	(\$2)	\$12.98	(\$2)	\$12.98	(\$2)	11.00 c	\$0	45.00 c	\$0
Three Phase	181	\$0.92	(\$7)	\$0.92	(\$7)	\$0.92	(\$7)	\$0.92	(\$7)	\$0.59	(\$1)	\$2.29	(\$4)
Load Size > 15 kW	2,600	\$3.61	(\$3)	\$3.61	(\$3)	\$3.61	(\$3)	\$3.61	(\$3)	1.695 c	\$0	6.564 c	(\$2)
All kW > 15	20,800	\$0.92	(\$15)	\$0.92	(\$15)	\$0.92	(\$15)	\$0.92	(\$15)	1.171 c	(\$2)	4.534 c	(\$9)
Next 8,000 kWh	67,800	\$6.00	(\$42)	\$6.00	(\$42)	\$6.00	(\$42)	\$6.00	(\$42)	1.009 c	(\$7)	3.907 c	(\$26)
All additional kWh	3	\$60.00	\$156	\$60.00	\$156	\$60.00	\$156	\$60.00	\$156	11.00 c	\$0	45.00 c	\$0
Excess Kvar	193	-\$30.00	(\$58)	-\$30.00	(\$58)	-\$30.00	(\$58)	-\$30.00	(\$58)	\$12.31	\$32	\$47.69	\$124
High Voltage Charge	18,898,937	\$1,652,959		\$1,652,959		\$1,652,959		\$1,652,959					
Load Size Discount	(299,511)		(\$34,132)		(\$34,132)		(\$34,132)		(\$34,132)				
Subtotal	18,399,426		\$1,618,827		\$1,618,827		\$1,618,827		\$1,618,827				
Unbilled			\$421,617		\$421,617		\$421,617		\$421,617				
Total			\$252,639		\$252,639		\$252,639		\$252,639				
			(\$5,585)		(\$5,585)		(\$5,585)		(\$5,585)				
			\$247,054		\$247,054		\$247,054		\$247,054				
			\$978,707		\$978,707		\$978,707		\$978,707				
			(\$21,628)		(\$21,628)		(\$21,628)		(\$21,628)				
			\$957,079		\$957,079		\$957,079		\$957,079				



SCHEDULE 24F  
Small General Service-Combined

Basic Charge	4,566	\$8.71	\$39,767	\$8.71	\$39,767	\$8.71	\$39,767	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Single Phase (units)	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Three Phase	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Basic Charges	4,566	\$8.71	\$39,767	\$8.71	\$39,767	\$8.71	\$39,767	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Bills	1,453	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
All kW >15	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ist 1,000 kWh	1,297,820	10.359 ¢	\$128,226	10.359 ¢	\$128,226	10.359 ¢	\$128,226	\$2.29	\$20,981	6.564 ¢	\$81,252	6.564 ¢	\$81,252	\$0
Next 8,000 kWh	64,812	7.156 ¢	\$4,638	7.156 ¢	\$4,638	7.156 ¢	\$4,638	1.695 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	1.171 ¢	\$0	3.907 ¢	\$0	3.907 ¢	\$0	\$0
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	1.009 ¢	\$0	45.00 ¢	\$0	45.00 ¢	\$0	\$0
Discounts	0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	11.00 ¢	\$0	-1.0%	\$0	-1.0%	\$0	\$0
Single Phase	0	\$8.71	\$0	\$8.71	\$0	\$8.71	\$0	\$0.59	\$0	\$2.29	\$0	\$2.29	\$0	\$0
Three Phase	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	1.695 ¢	\$20,981	6.564 ¢	\$81,252	6.564 ¢	\$81,252	\$0
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	1.171 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All kW	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	\$0.59	\$0	\$2.29	\$0	\$2.29	\$0	\$0
Ist 1,000 kWh	0	10.359 ¢	\$0	10.359 ¢	\$0	10.359 ¢	\$0	1.695 ¢	\$20,981	6.564 ¢	\$81,252	6.564 ¢	\$81,252	\$0
Next 8,000 kWh	0	7.156 ¢	\$0	7.156 ¢	\$0	7.156 ¢	\$0	1.171 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	1.009 ¢	\$0	3.907 ¢	\$0	3.907 ¢	\$0	\$0
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	11.00 ¢	\$0	45.00 ¢	\$0	45.00 ¢	\$0	\$0
High Voltage Charge	0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	\$0
Load Size Discount	0	(30.00) ¢	\$0	(30.00) ¢	\$0	(30.00) ¢	\$0	\$0.00 ¢	\$0	\$0.00 ¢	\$0	\$0.00 ¢	\$0	\$0
Subtotal	1,302,632		\$172,631		\$172,631		\$172,631	\$12.31	\$0	\$47.69	\$0	\$47.69	\$0	\$0
Unbilled	(4,124)		(\$559)		(\$559)		(\$559)	0.00 ¢	\$0	0.00 ¢	\$0	0.00 ¢	\$0	\$0
Total	1,298,508		\$172,072		\$172,072		\$172,072	\$12.31	\$66,701	\$47.69	\$84,191	\$47.69	\$84,191	\$0
			(\$659)		(\$659)		(\$659)	0.00 ¢	\$21,740	0.00 ¢	\$84,191	0.00 ¢	\$84,191	\$0
			\$172,072		\$172,072		\$172,072	\$21.650	\$21,650	\$21.650	\$83,833	\$21.650	\$83,833	\$0

SCHEDULE 24F  
Small General Service-Commercial

Basic Charge	4,043	\$8.71	\$35,215	\$8.71	\$35,215	\$8.71	\$35,215	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Single Phase (units)	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Three Phase	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Basic Charges	4,043	\$8.71	\$35,215	\$8.71	\$35,215	\$8.71	\$35,215	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Bills	1,405	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
All kW >15	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ist 1,000 kWh	1,204,507	10.359 ¢	\$124,775	10.359 ¢	\$124,775	10.359 ¢	\$124,775	\$2.10 ¢	\$20,416	6.564 ¢	\$79,065	6.564 ¢	\$79,065	\$0
Next 8,000 kWh	64,812	7.156 ¢	\$4,638	7.156 ¢	\$4,638	7.156 ¢	\$4,638	1.695 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	1.171 ¢	\$0	3.907 ¢	\$0	3.907 ¢	\$0	\$0
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	1.009 ¢	\$0	45.00 ¢	\$0	45.00 ¢	\$0	\$0
Discounts	0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	\$0
Single Phase	0	\$8.71	\$0	\$8.71	\$0	\$8.71	\$0	\$0.59	\$0	\$2.29	\$0	\$2.29	\$0	\$0
Three Phase	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	1.695 ¢	\$20,416	6.564 ¢	\$79,065	6.564 ¢	\$79,065	\$0
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	1.171 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All kW	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	\$0.59	\$0	\$2.29	\$0	\$2.29	\$0	\$0
Ist 1,000 kWh	0	10.359 ¢	\$0	10.359 ¢	\$0	10.359 ¢	\$0	1.695 ¢	\$20,416	6.564 ¢	\$79,065	6.564 ¢	\$79,065	\$0
Next 8,000 kWh	0	7.156 ¢	\$0	7.156 ¢	\$0	7.156 ¢	\$0	1.171 ¢	\$759	4.534 ¢	\$2,939	4.534 ¢	\$2,939	\$0
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	1.009 ¢	\$0	3.907 ¢	\$0	3.907 ¢	\$0	\$0
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	11.00 ¢	\$0	45.00 ¢	\$0	45.00 ¢	\$0	\$0
High Voltage Charge	0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0	-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	\$0
Load Size Discount	0	(30.00) ¢	\$0	(30.00) ¢	\$0	(30.00) ¢	\$0	\$0.00 ¢	\$0	\$0.00 ¢	\$0	\$0.00 ¢	\$0	\$0
Subtotal	1,269,319		\$164,628		\$164,628		\$164,628	\$21.175	\$21,175	\$47.69	\$84,191	\$47.69	\$84,191	\$0
Unbilled	(3,590)		(\$389)		(\$389)		(\$389)	0.00 ¢	\$0	0.00 ¢	\$0	0.00 ¢	\$0	\$0
Total	1,265,728		\$164,239		\$164,239		\$164,239	\$21.175	\$21,175	\$47.69	\$84,191	\$47.69	\$84,191	\$0
			(\$589)		(\$589)		(\$589)	0.00 ¢	\$61,449	0.00 ¢	\$84,191	0.00 ¢	\$84,191	\$0
			\$164,239		\$164,239		\$164,239	\$61,370	\$61,370	\$61,370	\$81,757	\$61,370	\$81,757	\$0

SCHEDULE 24F  
 Small General Service-Industrial

Basic Charge	523	\$8.71	\$4,552	\$8.71	\$4,552	\$8.71	\$4,552	
Single Phase (units)								
Three Phase	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	
Total Basic Charges	523							
Total Bills	48							
All kW >15	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	
Ist 1,000 kWh	33,313	10.359 ¢	\$3,451	10.359 ¢	\$3,451	10.359 ¢	\$3,451	
Next 8,000 kWh		7.156 ¢	\$0	7.156 ¢	\$0	7.156 ¢	\$0	
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	
Discounts		-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	
Single Phase	0	\$8.71	\$0	\$8.71	\$0	\$8.71	\$0	
Three Phase	0	\$12.98	\$0	\$12.98	\$0	\$12.98	\$0	
Load Size > 15 kW	0	\$0.92	\$0	\$0.92	\$0	\$0.92	\$0	
All kW	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	
Ist 1,000 kWh	0	10.359 ¢	\$0	10.359 ¢	\$0	10.359 ¢	\$0	
Next 8,000 kWh	0	7.156 ¢	\$0	7.156 ¢	\$0	7.156 ¢	\$0	
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	
High Voltage Charge	0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0	
Load Size Discount	0	(30.00) ¢	\$0	(30.00) ¢	\$0	(30.00) ¢	\$0	
Subtotal	33,313		\$8,003		\$8,003		\$8,003	\$5,252
Unbilled	(534)		(\$170)		(\$170)		(\$170)	(\$28)
Total	32,779		\$7,833		\$7,833		\$7,833	\$5,217

SCHEDULE 24FP  
 Small General Service-Combined

Basic Charge	1	\$104.52	\$105	\$104.52	\$105	\$105.00	\$105	
Single Phase								
Three Phase	86	\$155.76	\$13,429	\$155.76	\$13,429	\$155.76	\$13,273	
Load Size > 15 kW	3,361	\$11.04	\$37,103	\$11.04	\$37,103	\$11.04	\$36,275	
Total Basic Charges	87							
Total Monthly Bills	1,020							
All kW >15	9,002							
Ist 1,000 kWh	153,159	10.359 ¢	\$15,866	10.359 ¢	\$15,866	10.359 ¢	\$15,866	
Next 8,000 kWh	143,166	7.156 ¢	\$10,245	7.156 ¢	\$10,245	7.156 ¢	\$10,245	
All additional kWh	173,680	6.166 ¢	\$10,709	6.166 ¢	\$10,709	6.166 ¢	\$10,709	
Excess Kvar	1,101	56.00 ¢	\$616	56.00 ¢	\$616	56.00 ¢	\$616	
Discounts		-1.0%	\$0	-1.0%	\$0	-1.0%	\$0	
Single Phase	0	\$104.52	\$0	\$104.52	\$0	\$104.52	\$0	
Three Phase	0	\$155.76	\$0	\$155.76	\$0	\$155.76	\$0	
Load Size > 15 kW	0	\$11.04	\$0	\$11.04	\$0	\$11.04	\$0	
All kW	0	\$3.61	\$0	\$3.61	\$0	\$3.61	\$0	
Ist 1,000 kWh	0	10.359 ¢	\$0	10.359 ¢	\$0	10.359 ¢	\$0	
Next 8,000 kWh	0	7.156 ¢	\$0	7.156 ¢	\$0	7.156 ¢	\$0	
All additional kWh	0	6.166 ¢	\$0	6.166 ¢	\$0	6.166 ¢	\$0	
Excess Kvar	0	56.00 ¢	\$0	56.00 ¢	\$0	56.00 ¢	\$0	
High Voltage Charge	0	\$60.00	\$0	\$60.00	\$0	\$60.00	\$0	
Load Size Discount	0	(30.00) ¢	\$0	(30.00) ¢	\$0	(30.00) ¢	\$0	
Subtotal	470,005		\$120,570		\$120,570		\$120,570	\$63,704
Unbilled	(1,455)		(\$343)		(\$343)		(\$343)	(\$70)
Total	468,550		\$120,227		\$120,227		\$120,227	\$63,654

			\$565		\$565		\$565	
			(\$28)		(\$28)		(\$28)	
			\$537		\$537		\$537	
			\$2,187		\$2,187		\$2,187	
			(\$108)		(\$108)		(\$108)	
			\$2,079		\$2,079		\$2,079	

			\$0.59		\$0.59		\$0.59	
			6.564 ¢		6.564 ¢		6.564 ¢	
			1.171 ¢		1.171 ¢		1.171 ¢	
			1.009 ¢		1.009 ¢		1.009 ¢	
			11.00 ¢		11.00 ¢		11.00 ¢	
			-1.0%		-1.0%		-1.0%	
			\$121		\$121		\$121	
			\$495		\$495		\$495	
			\$44,417		\$44,417		\$44,417	
			(\$217)		(\$217)		(\$217)	
			\$11,406		\$11,406		\$11,406	
			\$44,200		\$44,200		\$44,200	

SCHEDULE 24FP  
 Small General Service-Commercial

Seasonal	1	\$104.52	\$105	\$104.52	\$105	\$105.00	\$105	\$19,922
Basic Charge	85	\$155.76	\$13,273	\$155.76	\$13,273	\$155.76	\$13,273	\$9,644
Three Phase	3,286	\$11.04	\$36,275	\$11.04	\$36,275	\$11.04	\$36,275	\$6,341
Load Size > 15 kW	86							\$6,786
Total Basic Charges	1,009	\$3.61	\$31,439	\$3.61	\$31,439	\$0.59	\$5,144	\$2.29
Total Monthly Bills	8,709	10,359 ¢	\$15,220	10,359 ¢	\$15,220	2,100 ¢	\$2,490	6,564 ¢
All kW > 15	146,926	7,156 ¢	\$10,007	7,156 ¢	\$10,007	1,451 ¢	\$1,637	4,534 ¢
1st 1,000 kWh	139,847	6,166 ¢	\$10,709	6,166 ¢	\$10,709	1,250 ¢	\$1,752	3,907 ¢
Next 8,000 kWh	173,680	56.00 ¢	\$616	56.00 ¢	\$616	0.00 ¢	\$121	45.00 ¢
All additional kWh	1,101	-1.0%		-1.0%		-1.0%		-1.0%
Excess Kvar	0	\$104.52	\$0	\$104.52	\$0			
Discounts	0	\$155.76	\$0	\$155.76	\$0			
Single Phase	0	\$11.04	\$0	\$11.04	\$0			
Three Phase	0	\$3.61	\$0	\$3.61	\$0			
Load Size > 15 kW	0	\$3.61	\$0	\$3.61	\$0			
All kW	0	10,359 ¢	\$0	10,359 ¢	\$0			
1st 1,000 kWh	0	7,156 ¢	\$0	7,156 ¢	\$0			
Next 8,000 kWh	0	6,166 ¢	\$0	6,166 ¢	\$0			
All additional kWh	0	56.00 ¢	\$0	56.00 ¢	\$0			
Excess Kvar	0	\$60.00	\$0	\$60.00	\$0			
High Voltage Charge	0	(30.00) ¢	\$0	(30.00) ¢	\$0			
Load Size Discount	0							
Subtotal	460,453		\$117,644		\$117,644	\$63,311	\$11,144	\$43,188
Unbilled	(1,302)		(\$282)		(\$282)	(\$57)	(\$46)	(\$178)
Total	459,151		\$117,362		\$117,362	\$63,254	\$11,098	\$43,010

SCHEDULE 24FP  
 Small General Service-Industrial

Seasonal	0	\$104.52	\$0	\$104.52	\$0	\$105.00	\$0	\$670
Basic Charge	1	\$155.76	\$156	\$155.76	\$156	\$155.76	\$156	\$409
Three Phase	75	\$11.04	\$828	\$11.04	\$828	\$11.04	\$828	\$150
Load Size > 15 kW	11							
Total Basic Charges	293	\$3.61	\$1,058	\$3.61	\$1,058	\$0.73	\$173	\$2.29
Total Monthly Bills	6,233	10,359 ¢	\$646	10,359 ¢	\$646	2,100 ¢	\$106	6,564 ¢
All kW > 15	3,319	7,156 ¢	\$238	7,156 ¢	\$238	1,451 ¢	\$39	4,534 ¢
1st 1,000 kWh	0	6,166 ¢	\$0	6,166 ¢	\$0			
Next 8,000 kWh	0	56.00 ¢	\$0	56.00 ¢	\$0			
All additional kWh	0	-1.0%		-1.0%				
Excess Kvar	0	\$104.52	\$0	\$104.52	\$0			
Discounts	0	\$155.76	\$0	\$155.76	\$0			
Single Phase	0	\$11.04	\$0	\$11.04	\$0			
Three Phase	0	\$3.61	\$0	\$3.61	\$0			
Load Size > 15 kW	0	10,359 ¢	\$0	10,359 ¢	\$0			
All kW	0	7,156 ¢	\$0	7,156 ¢	\$0			
1st 1,000 kWh	0	6,166 ¢	\$0	6,166 ¢	\$0			
Next 8,000 kWh	0	56.00 ¢	\$0	56.00 ¢	\$0			
All additional kWh	0	\$60.00	\$0	\$60.00	\$0			
Excess Kvar	0	(30.00) ¢	\$0	(30.00) ¢	\$0			
High Voltage Charge	0							
Load Size Discount	0							
Subtotal	9,552		\$2,926		\$2,926	\$393	\$318	\$1,229
Unbilled	(153)		(\$61)		(\$61)	(\$12)	(\$10)	(\$39)
Total	9,399		\$2,865		\$2,865	\$381	\$308	\$1,190

SCHEDULE 33  
 Partial Requirements Service

Basic Charge				\$0	\$259.00	\$0	\$0	\$0
<=100 kW	0	\$259.00						\$0
101 - 300 kW	0	\$96.00						\$0
>300 kW	0	\$192.00						\$0
Total Basic Charges	0			\$0	\$1.86	\$0	\$0	\$0
101 - 300 kW	0	\$1.70						\$0
>300 kW	0	\$1.39						\$0
Demand Charges				\$0	\$5.21	\$0	\$0	\$0
All kW	0	\$4.72						\$0
Energy Charges				\$0	6.167 ¢	\$0	\$0	\$0
1st 40,000 kWh	0	5.629 ¢						\$0
All additional kWh	0	5.157 ¢						\$0
Excess Kvar	0	56.0 ¢						\$0
Excess Kvar/h	0	0.06 ¢						\$0
NPC-Base - 1st 40,000 kWh	0	0.000 ¢						\$0
NPC-Base - All additional kWh	0	0.000 ¢						\$0
Discounts				\$0	-1.0%	\$0	\$0	\$0
<=100 kW	0	\$259.00						\$0
101 - 300 kW	0	\$96.00						\$0
>300 kW	0	\$192.00						\$0
101 - 300 kW	0	\$1.70						\$0
>300 kW	0	\$1.39						\$0
All kW	0	\$4.72						\$0
1st 40,000 kWh	0	\$0.00 ¢						\$0
All additional kWh	0	5.157 ¢						\$0
Excess KVar	0	56.00 ¢						\$0
Excess KVar/h	0	0.06 ¢						\$0
High Voltage Charge-Primary	0	\$60.00						\$0
Lead Size Discount - Primary	0	(30.00) ¢						\$0
Standby kW	0	\$2.36						\$0
Overrun kW	0	\$18.88						\$0
Overrun kWh	0	20.628 ¢						\$0
Subtotal	0			\$0		\$0	\$0	\$0
Unbilled	0			\$0		\$0	\$0	\$0
Total	0			\$0		\$0	\$0	\$0



All kW	42,971	\$4.72	(\$2,028)	\$4.80	(\$2,063)	\$0.65	(\$277)	\$0.85	(\$567)	\$3.30	(\$1,419)
Minimum kW	384	\$4.72	(\$18)	\$4.80	(\$18)	\$0.65	(\$2)	\$0.85	(\$5)	\$3.30	(\$13)
1st 40,000 kWh	4,425,080	5.629 ¢	(\$2,491)	5.728 ¢	(\$2,535)	0.000 ¢	\$0	1.177 ¢	(\$521)	4.551 ¢	(\$2,014)
All additional kWh	11,577,379	5.157 ¢	(\$5,970)	5.248 ¢	(\$6,076)	0.000 ¢	\$0	1.078 ¢	(\$1,248)	4.170 ¢	(\$4,827)
Excess Kvar	7,656	56.00 ¢	(\$43)	56.00 ¢	(\$43)	0.00 ¢	\$0	11.51 ¢	(\$9)	44.49 ¢	(\$94)
High Voltage Charge	130	\$60.00	\$7,776	\$60.00	\$7,776	\$0.00	\$0	\$12.33	\$4,598	\$47.67	\$6,178
Load Size Discount	66,385	(30.00) ¢	(\$19,916)	(30.00) ¢	(\$19,916)	(30.00) ¢	(\$19,916)				
Subtotal	794,135,013		\$58,809,460		\$59,803,730		\$7,259,948		\$10,801,447		\$41,770,918
Unbilled	(2,278,044)		(\$139,476)		(\$139,476)		(\$18,749)		(\$24,804)		(\$95,923)
Total	791,856,969		\$58,669,984		\$59,664,254		\$7,241,199		\$10,776,643		\$41,674,995

SCHEDULE 36  
Large General Service < 1,000 kW-Industrial

Basic Charge	48	\$259.00	\$12,484	\$259.00	\$12,484	\$259.00	\$12,484	\$0.85	\$302,441	\$3.30	\$1,169,588
<=100 kW	999	\$96.00	\$95,869	\$96.00	\$95,869	\$96.00	\$95,869	\$0.85	\$804	\$3.30	\$3,111
101 - 300 kW	541	\$192.00	\$103,885	\$192.00	\$103,885	\$192.00	\$103,885	1.177 ¢	\$515,757	4.551 ¢	\$1,994,514
Total Basic Charges	1,588		\$293,856	\$1.74	\$293,856	\$1.74	\$293,856	1.078 ¢	\$666,176	4.170 ¢	\$2,576,207
101 - 300 kW	169,859	\$1.70	\$288,760	\$1.73	\$293,856	\$1.74	\$293,856	11.51 ¢	\$12,750	44.49 ¢	\$49,305
>300 kW	301,914	\$1.39	\$419,660	\$1.41	\$425,699	\$1.42	\$428,718	-1.0%		-1.0%	
Demand Charges	354,300	\$4.72	\$1,672,294	\$4.80	\$1,700,658	\$0.65	\$228,609	\$0.85	\$302,441	\$3.30	\$1,169,588
All kW	942	\$4.72	\$4,448	\$4.80	\$4,523	\$0.65	\$608	\$0.85	\$804	\$3.30	\$3,111
Minimum kW											
Energy Charges	48,824,556	5.629 ¢	\$2,466,884	5.728 ¢	\$2,510,271	5.728 ¢	\$2,510,271	1.177 ¢	\$515,757	4.551 ¢	\$1,994,514
1st-40,000 kWh	61,783,203	5.157 ¢	\$3,186,160	5.248 ¢	\$3,242,382	5.248 ¢	\$3,242,382	1.078 ¢	\$666,176	4.170 ¢	\$2,576,207
All additional kWh	110,812	56.00 ¢	\$62,055	56.00 ¢	\$62,055	56.00 ¢	\$62,055	11.51 ¢	\$12,750	44.49 ¢	\$49,305
Excess Kvar		-1.0%		-1.0%		-1.0%		-1.0%		-1.0%	
Discounts	0	\$259.00	\$0	\$259.00	\$0	\$259.00	\$0	\$259.00			
<=100 kW	21	\$96.00	(\$20)	\$96.00	(\$20)	\$96.00	(\$20)	\$96.00			
101 - 300 kW	0	\$192.00	\$0	\$192.00	\$0	\$192.00	\$0	\$192.00			
>300 kW	2,357	\$1.70	(\$40)	\$1.73	(\$40)	\$1.74	(\$41)	\$1.74			
101 - 300 kW	0	\$1.39	\$0	\$1.41	\$0	\$1.41	\$0	\$1.41			
>300 kW	1,988	\$4.72	(\$94)	\$4.80	(\$95)	\$4.80	(\$95)	\$4.80			
All kW	0	\$4.72	\$0	\$4.80	\$0	\$4.80	\$0	\$4.80			
Minimum kW											
1st-40,000 kWh	784,400	5.629 ¢	(\$413)	5.728 ¢	(\$421)	5.728 ¢	(\$421)	5.728 ¢	(\$86)	4.551 ¢	(\$334)
All additional kWh	232,800	5.157 ¢	(\$120)	5.248 ¢	(\$122)	5.248 ¢	(\$122)	5.248 ¢	(\$25)	4.170 ¢	(\$97)
Excess Kvar	1,162	56.00 ¢	(\$7)	56.00 ¢	(\$7)	56.00 ¢	(\$7)	56.00 ¢	(\$1)	44.49 ¢	(\$5)
High Voltage Charge	21	\$60.00	\$1,260	\$60.00	\$1,260	\$60.00	\$1,260	\$60.00	\$259	\$47.67	\$1,001
Lead Size Discount	2,337	(30.00) ¢	(\$701)	(30.00) ¢	(\$701)	(30.00) ¢	(\$701)	(30.00) ¢			
Subtotal	105,607,759		\$8,312,364		\$8,451,516		\$1,164,953		\$1,498,058		\$5,793,224
Unbilled	(1,691,576)		(\$172,172)		(\$172,172)		(\$22,522)		(\$30,267)		(\$119,383)
Total	103,916,183		\$8,140,192		\$8,279,344		\$1,142,431		\$1,467,791		\$5,673,841







SCHEDULE 48T  
 Large General Service 1,000 kW and over-Secondary Combined

Basic Charge	602	\$1,386.00	\$834,204	\$1,386.00	\$834,204	\$1,386.00	\$834,204			
<=3000 kW	0	\$1,675.00	\$0	\$1,675.00	\$0	\$1,675.00	\$0			
>3000 kW	0									
Total Basic Charges	602							\$1.16	\$999,484	\$5.42
<=3000 kW variable	861,624	\$1.06	\$913,322	\$1.09	\$0	\$0.98	\$0			
>3000 kW variable	0	\$0.96	\$0	\$0.98	\$0	\$0.98	\$0			
All kW	701,279	\$7.55	\$5,294,655	\$7.73	\$5,420,885	\$7.73	\$5,420,885	\$0.91	\$636,338	\$5.42
Energy Charges										
All kWh	320,313,337	4.514 ¢	\$14,458,944	4.629 ¢	\$14,827,304	4.629 ¢	\$14,827,304	0.948 ¢	\$3,037,717	3.681 ¢
Excess Kvar	165,243	\$0.55	\$90,884	\$0.55	\$90,884	\$0.55	\$90,884	\$0.11	\$18,620	\$0.44
Subtotal	320,313,337		\$21,592,009		\$22,112,448		\$22,112,448		\$4,036,562	\$15,666,173
Unbilled	(3,730,095)		(313,023)		(313,023)		(313,023)		(\$56,290)	(\$222,067)
Total	316,583,242		\$21,278,986		\$21,799,425		\$21,799,425		(\$34,665)	\$15,444,106

SCHEDULE 48T  
 Large General Service 1,000 kW and over-Secondary-Commercial

Basic Charge	263	\$1,386.00	\$365,064	\$1,386.00	\$365,064	\$1,386.00	\$365,064			
<=3000 kW	0	\$1,675.00	\$0	\$1,675.00	\$0	\$1,675.00	\$0			
>3000 kW	0									
Total Basic Charges	263							\$1.16	\$365,596	\$5.42
<=3000 kW variable	315,169	\$1.06	\$334,079	\$1.09	\$0	\$0.98	\$0			
>3000 kW variable	0	\$0.96	\$0	\$0.98	\$0	\$0.98	\$0			
All kW	234,019	\$7.55	\$1,766,846	\$7.73	\$1,808,970	\$7.73	\$1,808,970	\$0.91	\$212,348	\$5.42
Energy Charges										
All kWh	106,526,782	4.514 ¢	\$4,808,619	\$4.63 ¢	\$4,931,125	\$4.63 ¢	\$4,931,125	0.948 ¢	\$1,010,255	3.681 ¢
Excess Kvar	29,387	\$0.55	\$16,163	\$0.55	\$16,163	\$0.55	\$16,163	\$0.11	\$3,311	\$0.44
Subtotal	106,526,782		\$7,290,771		\$7,464,856		\$7,464,856		\$1,340,671	\$5,203,237
Unbilled	(305,760)		(17,282)		(17,282)		(17,282)		(\$3,108)	(\$12,261)
Total	106,221,021		\$7,273,489		\$7,447,574		\$7,447,574		(\$1,914)	\$5,190,976

SCHEDULE 48T  
 Large General Service 1,000 kW and over-Secondary-Industrial

Basic Charge	338	\$1,386.00	\$469,140	\$1,386.00	\$469,140	\$1,386.00	\$469,140			
<=3000 kW	0	\$1,675.00	\$0	\$1,675.00	\$0	\$1,675.00	\$0			
>3000 kW	0									
Total Basic Charges	338							\$1.16	\$633,888	\$5.42
<=3000 kW variable	546,455	\$1.06	\$579,243	\$1.09	\$0	\$0.98	\$0			
>3000 kW variable	0	\$0.96	\$0	\$0.98	\$0	\$0.98	\$0			
All kW	467,259	\$7.55	\$3,527,809	\$7.73	\$3,611,916	\$7.73	\$3,611,916	\$0.91	\$423,990	\$5.42
Energy Charges										
All kWh	213,786,555	4.514 ¢	\$9,650,325	4.629 ¢	\$9,896,180	4.629 ¢	\$9,896,180	0.948 ¢	\$2,027,462	3.681 ¢
Excess Kvar	135,856	\$0.55	\$74,721	\$0.55	\$74,721	\$0.55	\$74,721	\$0.11	\$15,308	\$0.44
Subtotal	213,786,555		\$14,301,238		\$14,647,593		\$14,647,593		\$2,695,891	\$10,462,936
Unbilled	(3,424,335)		(295,741)		(295,741)		(295,741)		(\$53,182)	(\$209,807)
Total	210,362,220		\$14,005,497		\$14,351,852		\$14,351,852		\$2,642,709	\$10,253,129

SCHEDULE 48T

Large General Service 1,000 kW and over-Primary-Combined

Basic Charge	130	\$1,419.00	\$184,857	\$1,419.00	\$184,857	\$1,419.00	\$184,857		
<=3000 kW	0	\$1,707.00	\$0	\$1,707.00	\$0				
>3000 kW	130								
Total Basic Charges	221,683	\$0.53	\$117,492	\$0.54	\$119,709	\$0.55	\$121,926		
<=3000 kW variable	0	\$0.43	\$0	\$0.44	\$0	\$0.45	\$0		
>3000 kW variable	178,076	\$7.40	\$1,317,766	\$7.59	\$1,351,601	\$0.89	\$158,659	\$5.33	\$948,539
All kW									
Energy Charges									
All kWh	70,618,436	4.459 ¢	\$3,148,876	\$4.57 ¢	\$3,227,263	0.936 ¢	\$661,180	3.634 ¢	\$2,566,083
Excess Kvar	17,311	\$0.54	\$9,348	\$0.54	\$9,348	\$0.11	\$1,915	\$0.43	\$7,444
Subtotal	70,618,436		\$4,778,339		\$4,892,778		\$907,496		\$3,982,066
Unbilled	(299,271)		(21,715)		(21,715)		(3,905)		(\$15,405)
Total	70,319,165		\$4,756,624		\$4,871,063		(\$2,405)		\$3,506,661

SCHEDULE 48T

Large General Service 1,000 kW and over-Primary-Commercial

Basic Charge	106	\$1,419.00	\$150,801	\$1,419.00	\$150,801	\$1,419.00	\$150,801		
<=3000 kW	0	\$1,707.00	\$0	\$1,707.00	\$0				
>3000 kW	106								
Total Basic Charges	191,894	\$0.53	\$101,672	\$0.54	\$103,591	\$0.55	\$105,509		
<=3000 kW variable	0	\$0.43	\$0	\$0.44	\$0	\$0.45	\$0		
>3000 kW variable	152,726	\$7.40	\$1,130,176	\$7.59	\$1,159,194	\$0.89	\$136,074	\$5.33	\$813,510
All kW									
Energy Charges									
All kWh	65,272,656	4.459 ¢	\$2,821,327	4.570 ¢	\$2,891,559	0.936 ¢	\$592,403	3.634 ¢	\$2,299,156
Excess Kvar	12,916	\$0.54	\$6,975	\$0.54	\$6,975	\$0.11	\$1,429	\$0.43	\$5,554
Subtotal	65,272,656		\$4,210,951		\$4,312,120		\$803,442		\$3,508,678
Unbilled	(181,609)		(9,982)		(9,982)		(\$1,105)		(\$7,081)
Total	63,091,027		\$4,200,969		\$4,302,138		(\$1,105)		\$3,111,139

SCHEDULE 48T

Large General Service 1,000 kW and over-Primary-Industrial

Basic Charge	24	\$1,419.00	\$34,056	\$1,419.00	\$34,056	\$1,419.00	\$34,056		
<=3000 kW	0	\$1,707.00	\$0	\$1,707.00	\$0	\$0.00	\$0		
>3000 kW	24								
Total Basic Charges	29,849	\$0.53	\$15,820	\$0.54	\$16,118	\$0.55	\$16,417		
<=3000 kW variable	0	\$0.43	\$0	\$0.44	\$0	\$0.45	\$0		
>3000 kW variable	25,350	\$7.40	\$187,590	\$7.59	\$192,407	\$0.89	\$22,586	\$5.33	\$135,029
All kW									
Energy Charges									
All kWh	7,345,800	4.459 ¢	\$327,549	4.570 ¢	\$335,703	0.936 ¢	\$68,777	3.634 ¢	\$266,927
Excess Kvar	4,595	\$0.54	\$2,373	\$0.54	\$2,373	\$0.11	\$486	\$0.43	\$1,890
Subtotal	7,345,800		\$567,388		\$580,657		\$73,059		\$403,846
Unbilled	(117,662)		(11,733)		(11,733)		(\$1,299)		(\$8,324)
Total	7,228,138		\$555,655		\$568,924		\$71,760		\$395,522

SCHEDULE 48T  
Large General Service 1,000 kW and over-Commercial-Combined

Basic Charge	370	\$515,865	\$515,865	\$515,865	\$515,865	\$2,083,026
<=3000 kW	0	\$0	\$0	\$0	\$0	\$6,220,025
>3000 kW	370	\$435,751	\$447,125	\$471,105	\$471,105	\$18,406
Total Basic Charges	507,004	\$435,751	\$447,125	\$471,105	\$471,105	\$8,321,457
<=3000 kW variable	0	\$0	\$0	\$0	\$0	\$8,321,457
>3000 kW variable	386,746	\$2,897,022	\$2,968,164	\$348,422	\$536,715	\$2,083,026
All kW						
Energy Charges						
All kWh	169,799,418	\$7,629,946	\$7,822,684	\$1,602,638	\$1,602,638	\$6,220,025
Excess Kvar	42,303	\$23,138	\$23,138	\$4,740	\$4,740	\$18,406
Subtotal	169,799,418	\$11,501,722	\$11,776,976	\$2,144,113	\$2,144,113	\$8,321,457
Unbilled	(487,370)	(\$27,264)	(\$27,264)	(\$3,019)	(\$4,903)	(\$19,342)
Total	169,312,048	\$11,474,458	\$11,749,712	\$3,019	\$2,139,210	\$8,302,115

SCHEDULE 48T  
Large General Service 1,000 kW and over-Industrial-Combined

Basic Charge	362	\$503,196	\$503,196	\$503,196	\$503,196	\$2,669,834
<=3000 kW	0	\$0	\$0	\$0	\$0	\$8,135,645
>3000 kW	362	\$595,063	\$611,754	\$650,305	\$687,913	\$8,135,645
Total Basic Charges	576,304	\$595,063	\$611,754	\$650,305	\$687,913	\$10,866,782
<=3000 kW variable	0	\$0	\$0	\$0	\$0	\$10,866,782
>3000 kW variable	492,609	\$3,715,399	\$3,804,323	\$446,576	\$687,913	\$2,669,834
All kW						
Energy Charges						
All kWh	221,132,355	\$9,977,874	\$10,231,883	\$2,096,239	\$2,096,239	\$8,135,645
Excess Kvar	140,251	\$77,094	\$77,094	\$15,794	\$15,794	\$61,303
Subtotal	221,132,355	\$14,868,626	\$15,228,250	\$73,059	\$2,799,946	\$10,866,782
Unbilled	(9,541,996)	(\$307,474)	(\$307,474)	(\$34,051)	(\$55,292)	(\$218,131)
Total	217,590,359	\$14,561,152	\$14,920,776	\$39,008	\$2,744,654	\$10,648,651

SCHEDULE 48T  
Large General Service 30,000 kW and over-Primary Dedicated Facilities

Basic Charge	0	\$0.00	\$0.00	\$0.00	\$0.00	\$3,946,012
<=30000 kW	12	\$2,528.00	\$30,336	\$2,854.00	\$2,854.00	\$16,614,169
>30000 kW	12	\$0.00	\$0.00	\$0.24	\$0.33	\$77,295
Total Basic Charges	0	\$0.00	\$0.00	\$0.24	\$0.33	\$20,637,476
<=30000 kW variable	693,243	\$0.23	\$159,446	\$0.24	\$0.24	\$20,637,476
>30000 kW variable	691,696	\$7.35	\$5,010,466	\$7.61	\$5,187,945	\$3,946,012
All kW						
Energy Charges						
All kWh	455,274,000	4.430 ¢	\$20,168,638	4.59 ¢	\$20,883,418	\$16,614,169
Excess Kvar	183,315	\$0.53	\$97,157	\$0.53	\$97,157	\$77,295
Subtotal	455,274,000	\$25,466,043	\$26,369,146	\$428,574	\$5,303,095	\$20,637,476
Unbilled	(7,292,369)	(\$25,379)	(\$25,379)	(\$23,084)	(\$102,685)	(\$399,609)
Total	447,981,631	\$24,940,664	\$25,843,767	\$405,490	\$5,200,410	\$20,237,867





**SCHEDULE 54**  
**Recreational Field Lighting**

Basic Charge 1 Phase	178	\$3.75	\$668	\$3.75	\$668	\$3.75	\$668
Basic Charge 3 Phase	182	\$6.75	\$1,227	\$6.75	\$1,227	\$6.75	\$1,227
Total Bills	360						
All kWh	295,386	8.111 ¢	\$23,959	8.111 ¢	\$23,959	4.758 ¢	\$14,054
Subtotal	295,386		\$25,854		\$25,854		\$15,949
Unbilled	(836)		(\$64)		(\$64)		(\$5)
Total	294,550		\$25,790		\$25,790		\$1,986
							2,679 ¢
							\$7,913
							\$7,913
							(\$21)
							\$7,892

**SCHEDULE 57**

**Mercury Vapor Street Lighting Service**  
**Overhead System on Wood Poles**

Horizontal Lamp Charges														
7,000 Lumens	13,342	\$9.75	\$130,084	\$9.75	\$130,084	\$5.72	\$76,307	\$0.81	\$10,811	\$3.22	\$42,966			
21,000 Lumens	1,917	\$17.85	\$34,220	\$17.85	\$34,220	\$10.47	\$20,073	\$1.48	\$2,844	\$5.90	\$11,503			
55,000 Lumens	0	\$36.10	\$0	\$36.10	\$0									
Vertical Lamp Charges														
7,000 Lumens	4,255	\$9.15	\$38,936	\$9.15	\$38,936	\$5.37	\$22,840	\$0.76	\$3,236	\$3.02	\$12,860			
21,000 Lumens	0	\$16.65	\$0	\$16.65	\$0									
55,000 Lumens	0	\$39.67	\$0	\$39.67	\$0									
Overhead System on Metal Poles														
Horizontal Lamp Charges														
7,000 Lumens	479	\$12.74	\$6,098	\$12.74	\$6,098	\$7.47	\$3,577	\$1.06	\$507	\$4.21	\$2,014			
21,000 Lumens	396	\$21.39	\$8,470	\$21.39	\$8,470	\$12.55	\$4,969	\$1.78	\$704	\$7.07	\$2,798			
55,000 Lumens	0	\$39.67	\$0	\$39.67	\$0									
Vertical Lamp Charges														
7,000 Lumens	0	\$12.06	\$0	\$12.06	\$0									
21,000 Lumens	0	\$20.22	\$0	\$20.22	\$0									
Underground System														
Horizontal Lamp Charges														
7,000 Lumens	0	\$12.73	\$0	\$12.73	\$0									
21,000 Lumens	0	\$20.70	\$0	\$20.70	\$0									
55,000 Lumens	0	\$38.99	\$0	\$38.99	\$0									
Vertical Lamp Charges														
7,000 Lumens	0	\$12.06	\$0	\$12.06	\$0									
21,000 Lumens	0	\$19.53	\$0	\$19.53	\$0									
Post 1977 System														
7,000 Lumens	420	\$10.19	\$4,280	\$10.19	\$4,280	\$5.98	\$2,511	\$0.85	\$356	\$3.37	\$1,414			
21,000 Lumens	789	\$17.84	\$14,076	\$17.84	\$14,076	\$10.46	\$8,257	\$1.48	\$1,170	\$5.89	\$4,649			
55,000 Lumens	0	\$38.11	\$0	\$38.11	\$0									
Contract														
21,000 Lumens	0	\$36.57	\$0	\$36.57	\$0									
Total Bills	407													
Subtotal	1,932,403		\$236,164		\$236,164		\$138,534		\$19,628		\$78,004			
Unbilled	(189,147)		(\$23,254)		(\$23,254)		(\$13,641)		(\$1,933)		(\$7,681)			
Total	1,743,256		\$212,910		\$212,910		\$124,893		\$17,695		\$70,323			

\*Included in Generation Price

Washington TOTALS	4,008,615,165	\$322,039,461	\$328,406,953	\$62,309,831	\$53,829,442	\$209,734,094
AGA		\$651,518	\$651,518	\$651,518		
Washington TOTALS with AGA	4,008,615,165	\$ 322,690,979	\$ 329,058,471	\$ 62,961,349	\$ 53,829,442	\$ 209,734,094

Check	Tables 2	4,010,161,433	\$321,605,658
	Table 1	4,010,161,433	\$321,605,658
	Error Ch	(1,546,269)	1,085,321
	Bills	1,534,498	
	Custom	132,687	
	Table 2	132,778	
	Error Ch	(92)	



Unbundled rates summary

Line No.	Schedule No.	Description	Annual Revenue		Total Cost of Service		Generation Cost of Service		Transmission Cost of Service		Distribution Cost of Service		Retail Cost of Service		Misc Cost of Service	
1	16	Residential	\$140,088,119	\$152,195,870	\$89,571,822	\$23,289,824	\$30,852,900	\$5,561,171	\$2,920,153							
2	24	Small General Service	\$48,473,096	\$44,449,262	\$28,165,760	\$7,272,916	\$7,307,881	\$744,355	\$958,350							
3	36	Large General Service <1,000 kW	\$66,810,176	\$65,401,768	\$44,979,068	\$11,631,035	\$7,332,357	\$3,302	\$1,456,005							
4	48T	Large General Service >1,000 kW	\$26,035,610	\$26,242,703	\$18,416,860	\$4,745,307	\$2,377,119	\$119,438	\$583,978							
5	48T	Dedicated Facilities	\$24,940,664	\$26,715,277	\$20,319,955	\$5,221,504	\$453,564	\$107,589	\$612,665							
6	40	Agricultural Pumping Service	\$12,666,289	\$11,858,815	\$7,411,326	\$1,903,204	\$2,165,004	\$126,786	\$252,496							
7	15,52,54,5	Street Lighting	\$1,648,057	\$1,539,047	\$508,340	\$127,908	\$787,653	\$93,105	\$22,041							
8		Total Washington Jurisdiction	\$320,662,011	\$328,402,742	\$209,373,131	\$54,191,698	\$51,276,478	\$6,755,746	\$6,805,689							

Line No.	Schedule No.	Description	Annual Revenue		Total Cost of Service		Generation Cost of Service		Transmission Cost of Service		Distribution Cost of Service		Retail Cost of Service		Misc Cost of Service	
1	16	Residential	140,088,118.80	\$152,195,870	58.85%	15.30%	20.27%	3.65%	1.92%							
2	24	Small General Service	48,473,096.46	\$44,449,262	63.37%	16.36%	16.44%	1.67%	2.16%							
3	36	Large General Service <1,000 kW	66,810,176.10	\$65,401,768	68.77%	17.78%	11.21%	0.01%	2.23%							
4	48T	Large General Service >1,000 kW	26,035,610.22	\$26,242,703	70.18%	18.08%	9.06%	0.46%	2.23%							
5	48T	Dedicated Facilities	24,940,664.39	\$26,715,277	76.06%	19.55%	1.70%	0.40%	2.29%							
6	40	Agricultural Pumping Service	12,666,289.00	\$11,858,815	62.50%	16.05%	18.26%	1.07%	2.13%							
7	15,52,54,5	Street Lighting	1,648,056.53	\$1,539,047	33.03%	8.31%	51.18%	6.05%	1.43%							

Bill Comparison  
 Residential Class: Schedules 16-18

	Current		Company Proposal		Staff Proposal		Staff Alternate Proposal	
	All schedules	Schedules 16 & 18	Schedule 17 (Low-income)	Schedules 16 & 18	All schedules	Schedules 16 & 18	Schedule 17 (Low-income)	
Billing Determinant (Months)	1253262	1202807	50454	1253262	1253262	1202807	50454	
Basic Charge	\$7.75	\$14	\$8.75	\$13.00	\$13.00	\$13.20	\$8.55	
Block 1 Rate	\$0.06199	\$0.06503	\$0.06503	\$0.06472	\$0.06472	\$0.06472	\$0.06472	
Block 2 Rate	\$0.09817	\$0.10224	\$0.10224	\$0.09170	\$0.09170	\$0.09170	\$0.09170	
Block 3 Rate	\$0.09817	\$0.10224	\$0.10224	\$0.11996	\$0.11996	\$0.11996	\$0.11996	
Block 1 Size (kWh/month)	0-600	0-600	0-600	0-800	0-800	0-800	0-800	
Block 2 Size (kWh/month)	600+	600+	600+	800-1700	800-1700	800-1700	800-1700	
Block 3 Size (kWh/month)	600+	600+	600+	1700+	1700+	1700+	1700+	

Monthly Usage (kWh)	Bill		Vs. Current		Vs. Company (16 & 18)		Bill		Vs. Current		Vs. Company		Bill		Vs. Staff	
	Current	Prop	Current	%	Current	%	Current	%	Current	%	Current	%	Current	%	Current	%
0	\$7.75	\$14.00	80.6%	13%	\$8.75	-37.5%	\$13.00	67.7%	\$13.20	1.5%	\$8.55	-34.2%	\$13.20	1.5%	\$8.55	-34.2%
50	\$10.85	\$17.25	59.0%	11%	\$12.00	-30.4%	\$16.24	49.6%	\$16.44	1.2%	\$11.79	-27.4%	\$16.44	1.2%	\$11.79	-27.4%
100	\$13.95	\$20.50	47.0%	9%	\$15.25	-25.6%	\$19.47	39.6%	\$19.67	1.0%	\$15.02	-22.9%	\$19.67	1.0%	\$15.02	-22.9%
150	\$17.05	\$23.75	39.3%	9%	\$18.50	-22.1%	\$22.71	33.2%	\$22.91	0.9%	\$18.26	-19.6%	\$22.91	0.9%	\$18.26	-19.6%
200	\$20.15	\$27.01	34.0%	8%	\$21.76	-19.4%	\$25.94	28.8%	\$26.14	0.8%	\$21.49	-17.2%	\$26.14	0.8%	\$21.49	-17.2%
250	\$23.25	\$30.26	30.2%	8%	\$25.01	-17.4%	\$29.18	25.5%	\$29.38	0.7%	\$24.73	-15.3%	\$29.38	0.7%	\$24.73	-15.3%
300	\$26.35	\$33.51	27.2%	7%	\$28.26	-15.7%	\$32.42	23.0%	\$32.62	0.6%	\$27.97	-13.7%	\$32.62	0.6%	\$27.97	-13.7%
350	\$29.45	\$36.76	24.8%	7%	\$31.51	-14.3%	\$35.65	21.1%	\$35.85	0.6%	\$31.20	-12.5%	\$35.85	0.6%	\$31.20	-12.5%
400	\$32.55	\$40.01	22.9%	7%	\$34.76	-13.1%	\$38.89	19.5%	\$39.09	0.5%	\$34.44	-11.4%	\$39.09	0.5%	\$34.44	-11.4%
450	\$35.65	\$43.26	21.4%	7%	\$38.01	-12.1%	\$42.12	18.2%	\$42.32	0.5%	\$37.67	-10.6%	\$42.32	0.5%	\$37.67	-10.6%
500	\$38.75	\$46.52	20.1%	7%	\$41.27	-11.3%	\$45.36	17.1%	\$45.56	0.4%	\$40.91	-9.8%	\$45.56	0.4%	\$40.91	-9.8%
550	\$41.84	\$49.77	18.9%	6%	\$44.52	-10.5%	\$48.60	16.1%	\$48.80	0.4%	\$44.15	-9.2%	\$48.80	0.4%	\$44.15	-9.2%
600	\$44.94	\$53.02	18.0%	6%	\$47.77	-9.9%	\$51.83	15.3%	\$52.03	0.4%	\$47.38	-8.6%	\$52.03	0.4%	\$47.38	-8.6%
650	\$49.85	\$58.13	16.6%	6%	\$52.88	-9.0%	\$55.07	10.5%	\$55.27	0.4%	\$50.62	-8.1%	\$55.27	0.4%	\$50.62	-8.1%
700	\$54.76	\$63.24	15.5%	6%	\$57.99	-8.3%	\$58.30	6.5%	\$58.50	0.3%	\$53.85	-7.6%	\$58.50	0.3%	\$53.85	-7.6%
750	\$59.67	\$68.35	14.6%	6%	\$63.10	-7.7%	\$61.54	3.1%	\$61.74	0.3%	\$57.09	-7.2%	\$61.74	0.3%	\$57.09	-7.2%
800	\$64.58	\$73.47	13.8%	6%	\$68.22	-7.1%	\$64.78	0.3%	\$64.98	0.3%	\$60.33	-6.9%	\$64.98	0.3%	\$60.33	-6.9%
850	\$69.49	\$78.58	13.1%	6%	\$73.33	-6.7%	\$69.36	-0.2%	\$69.56	0.3%	\$64.91	-6.4%	\$69.56	0.3%	\$64.91	-6.4%
900	\$74.40	\$83.69	12.5%	5%	\$78.44	-6.3%	\$73.95	-0.6%	\$74.15	0.3%	\$69.50	-6.0%	\$74.15	0.3%	\$69.50	-6.0%
950	\$79.30	\$88.80	12.0%	5%	\$83.55	-5.9%	\$78.53	-1.0%	\$78.73	0.3%	\$74.08	-5.7%	\$78.73	0.3%	\$74.08	-5.7%
1000	\$84.21	\$93.91	11.5%	5%	\$88.66	-5.6%	\$83.12	-1.3%	\$83.32	0.2%	\$78.67	-5.4%	\$83.32	0.2%	\$78.67	-5.4%
1100	\$94.03	\$104.14	10.8%	5%	\$98.89	-5.0%	\$92.29	-1.9%	\$92.49	0.2%	\$87.84	-4.8%	\$92.49	0.2%	\$87.84	-4.8%
1200	\$103.85	\$114.36	10.1%	5%	\$109.11	-4.6%	\$101.46	-2.3%	\$101.66	0.2%	\$97.01	-4.4%	\$101.66	0.2%	\$97.01	-4.4%
1300	\$113.66	\$124.59	9.6%	5%	\$119.34	-4.2%	\$110.83	-2.7%	\$110.83	0.2%	\$106.18	-4.0%	\$110.83	0.2%	\$106.18	-4.0%
1400	\$123.48	\$134.81	9.2%	5%	\$129.56	-3.9%	\$119.80	-3.0%	\$120.00	0.2%	\$115.35	-3.7%	\$120.00	0.2%	\$115.35	-3.7%
1500	\$133.30	\$145.03	8.8%	5%	\$139.78	-3.6%	\$128.97	-3.2%	\$129.17	0.2%	\$124.52	-3.5%	\$129.17	0.2%	\$124.52	-3.5%
1600	\$143.11	\$155.26	8.5%	5%	\$150.01	-3.4%	\$138.14	-3.5%	\$138.34	0.1%	\$133.69	-3.2%	\$138.34	0.1%	\$133.69	-3.2%
1700	\$152.93	\$165.48	8.2%	5%	\$160.23	-3.2%	\$147.31	-3.7%	\$147.51	0.1%	\$142.86	-3.0%	\$147.51	0.1%	\$142.86	-3.0%
1800	\$162.75	\$175.71	8.0%	5%	\$170.46	-3.0%	\$159.30	-2.1%	\$159.50	0.1%	\$154.85	-2.8%	\$159.50	0.1%	\$154.85	-2.8%
1900	\$172.57	\$185.93	7.7%	5%	\$180.68	-2.8%	\$171.30	-0.7%	\$171.50	0.1%	\$166.85	-2.6%	\$171.50	0.1%	\$166.85	-2.6%

2000	\$182.38	\$196.15	7.6%	\$190.90	5%	-2.7%	\$183.29	0.5%	-6.6%	\$183.49	0.1%	\$178.84	-2.4%
2100	\$192.20	\$206.38	7.4%	\$201.13	5%	-2.5%	\$195.29	1.6%	-5.4%	\$195.49	0.1%	\$190.84	-2.3%
2200	\$202.02	\$216.60	7.2%	\$211.35	5%	-2.4%	\$207.29	2.6%	-4.3%	\$207.49	0.1%	\$202.84	-2.1%
2300	\$211.83	\$226.83	7.1%	\$221.58	5%	-2.3%	\$219.28	3.5%	-3.3%	\$219.48	0.1%	\$214.83	-2.0%
2400	\$221.65	\$237.05	6.9%	\$231.80	5%	-2.2%	\$231.28	4.3%	-2.4%	\$231.48	0.1%	\$226.83	-1.9%
2500	\$231.47	\$247.27	6.8%	\$242.02	5%	-2.1%	\$243.27	5.1%	-1.6%	\$243.47	0.1%	\$238.82	-1.8%
2600	\$241.28	\$257.50	6.7%	\$252.25	5%	-2.0%	\$255.27	5.8%	-0.9%	\$255.47	0.1%	\$250.82	-1.7%
2700	\$251.10	\$267.72	6.6%	\$262.47	5%	-2.0%	\$267.27	6.4%	-0.2%	\$267.47	0.1%	\$262.82	-1.7%
2800	\$260.92	\$277.95	6.5%	\$272.70	5%	-1.9%	\$279.26	7.0%	0.5%	\$279.46	0.1%	\$274.81	-1.6%
2900	\$270.74	\$288.17	6.4%	\$282.92	5%	-1.8%	\$291.26	7.6%	1.1%	\$291.46	0.1%	\$286.81	-1.5%
3000	\$280.55	\$298.39	6.4%	\$293.14	4%	-1.8%	\$303.25	8.1%	1.6%	\$303.45	0.1%	\$298.80	-1.5%
3100	\$290.37	\$308.62	6.3%	\$303.37	4%	-1.7%	\$315.25	8.6%	2.1%	\$315.45	0.1%	\$310.80	-1.4%
3200	\$300.19	\$318.84	6.2%	\$313.59	4%	-1.6%	\$327.25	9.0%	2.6%	\$327.45	0.1%	\$322.80	-1.4%
3300	\$310.00	\$329.07	6.1%	\$323.82	4%	-1.6%	\$339.24	9.4%	3.1%	\$339.44	0.1%	\$334.79	-1.3%
3400	\$319.82	\$339.29	6.1%	\$334.04	4%	-1.5%	\$351.24	9.8%	3.5%	\$351.44	0.1%	\$346.79	-1.3%
3500	\$329.64	\$349.51	6.0%	\$344.26	4%	-1.5%	\$363.23	10.2%	3.9%	\$363.43	0.1%	\$358.78	-1.2%
3600	\$339.45	\$359.74	6.0%	\$354.49	4%	-1.5%	\$375.23	10.5%	4.3%	\$375.43	0.1%	\$370.78	-1.2%
3700	\$349.27	\$369.96	5.9%	\$364.71	4%	-1.4%	\$387.23	10.9%	4.7%	\$387.43	0.1%	\$382.78	-1.1%
3800	\$359.09	\$380.19	5.9%	\$374.94	4%	-1.4%	\$399.22	11.2%	5.0%	\$399.42	0.1%	\$394.77	-1.1%
3900	\$368.91	\$390.41	5.8%	\$385.16	4%	-1.3%	\$411.22	11.5%	5.3%	\$411.42	0.0%	\$406.77	-1.1%
4000	\$378.72	\$400.63	5.8%	\$395.38	4%	-1.3%	\$423.21	11.7%	5.6%	\$423.41	0.0%	\$418.76	-1.1%
5000	\$476.89	\$502.87	5.4%	\$497.62	4%	-1.0%	\$543.17	13.9%	8.0%	\$543.37	0.0%	\$538.72	-0.8%
6000	\$575.06	\$605.11	5.2%	\$599.86	4%	-0.9%	\$663.13	15.3%	9.6%	\$663.33	0.0%	\$658.68	-0.7%
7000	\$673.23	\$707.35	5.1%	\$702.10	4%	-0.7%	\$783.09	16.3%	10.7%	\$783.29	0.0%	\$778.64	-0.6%
8000	\$771.40	\$809.59	5.0%	\$804.34	4%	-0.6%	\$903.05	17.1%	11.5%	\$903.25	0.0%	\$898.60	-0.5%
9000	\$869.57	\$911.83	4.9%	\$906.58	4%	-0.6%	\$1,023.01	17.6%	12.2%	\$1,023.21	0.0%	\$1,018.56	-0.4%
10000	\$967.74	\$1,014.07	4.8%	\$1,008.82	4%	-0.5%	\$1,142.97	18.1%	12.7%	\$1,143.17	0.0%	\$1,138.52	-0.4%
11000	\$1,065.91	\$1,116.31	4.7%	\$1,111.06	4%	-0.5%	\$1,262.93	18.5%	13.1%	\$1,263.13	0.0%	\$1,258.48	-0.4%
12000	\$1,164.08	\$1,218.55	4.7%	\$1,213.30	4%	-0.4%	\$1,382.89	18.8%	13.5%	\$1,383.09	0.0%	\$1,378.44	-0.3%
13000	\$1,262.25	\$1,320.79	4.6%	\$1,315.54	4%	-0.4%	\$1,502.85	19.1%	13.8%	\$1,503.05	0.0%	\$1,498.40	-0.3%
14000	\$1,360.42	\$1,423.03	4.6%	\$1,417.78	4%	-0.4%	\$1,622.81	19.3%	14.0%	\$1,623.01	0.0%	\$1,618.36	-0.3%
15000	\$1,458.59	\$1,525.27	4.6%	\$1,520.02	4%	-0.3%	\$1,742.77	19.5%	14.3%	\$1,742.97	0.0%	\$1,738.32	-0.3%
16000	\$1,556.76	\$1,627.51	4.5%	\$1,622.26	4%	-0.3%	\$1,862.73	19.7%	14.5%	\$1,862.93	0.0%	\$1,858.28	-0.2%
17000	\$1,654.93	\$1,729.75	4.5%	\$1,724.50	4%	-0.3%	\$1,982.69	19.8%	14.6%	\$1,982.89	0.0%	\$1,978.24	-0.2%
18000	\$1,753.10	\$1,831.99	4.5%	\$1,826.74	4%	-0.3%	\$2,102.65	19.9%	14.8%	\$2,102.85	0.0%	\$2,098.20	-0.2%
19000	\$1,851.27	\$1,934.23	4.5%	\$1,928.98	4%	-0.3%	\$2,222.61	20.1%	14.9%	\$2,222.81	0.0%	\$2,218.16	-0.2%
20000	\$1,949.44	\$2,036.47	4.5%	\$2,031.22	4%	-0.3%	\$2,342.57	20.2%	15.0%	\$2,342.77	0.0%	\$2,338.12	-0.2%

Expected Consumer Response to Staff's Proposed Rate Design

Short-run Elasticity	0.079
Long-run Elasticity	0.161

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Monthly Usage (kWh)	Number of Bills	Total Usage (kWh)	Average Usage	Proposed Increase	Short-run reduction in monthly usage, per bill (kWh)	Total first-year reduction, group (MWh)	Long-run reduction in monthly usage, per customer (kWh)	Total long-run annual reduction, group (MWh)
2001-2100	22268	45,649,933	2,050	1.6%	2.60	58.00	5.31	118.20
2101-2200	20138	43,270,919	2,149	2.6%	4.43	89.18	9.02	181.74
2201-2300	17811	40,050,471	2,249	3.5%	6.25	111.26	12.73	226.75
2301-2400	16145	37,930,330	2,349	4.3%	8.06	130.16	16.43	265.27
2401-2500	13997	34,273,351	2,449	5.1%	9.87	138.11	20.11	281.47
2501-2600	13023	33,193,713	2,549	5.8%	11.67	152.00	23.79	309.78
2601-2700	11298	29,920,440	2,648	6.4%	13.47	152.17	27.45	310.11
2701-2800	10262	28,210,880	2,749	7.0%	15.27	156.69	31.12	319.32
2801-2900	9012	25,665,636	2,848	7.6%	17.06	153.70	34.76	313.24
2901-3000	8245	24,289,074	2,946	8.1%	18.83	155.27	38.38	316.44
3001-3500	29933	96,457,446	3,222	9.4%	23.95	716.76	48.80	1,460.74
3500+	40453	181,926,064	4,497	12.1%	43.15	1745.49	87.94	3,557.27
Total	212585	620,838,257.00				3758.79		7,660.32
Total class usage (kWh)		1,619,854,622	Reduction		0.23%		0.47%	

Revenue Stability	Total recovery		
	Current	Company Proposed	Staff Proposed
Basic Charge	6.94%	11.45%	11.23%
1st Block	29.79%	28.54%	37.97%
<i>Subtotal</i>	36.73%	39.99%	49.20%
2nd Block	63.46%	60.35%	29.12%
3rd Block			21.86%
Check	137%	140%	149%
Revenue Requirement	\$ 140,088,119.00	\$ 153,403,855.00	\$ 145,160,675.94

