

ALJ/AVG/tcg

Decision 92 04 085

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of San Diego Gas & Electric Company: (1) for Authority to Decrease its Electric Rates Effective May 1, 1992; and (2) for a Commission Order Finding the Company's Gas and Electric Operations and Expenses Reasonable for Applicable Record Periods. (U 902-E)

Application 91-09-059
(Filed September 30, 1991)

(See Decision 92-04-061 for appearances.)

ORDER CORRECTING ERRORS IN D.92-04-061

The Commission has been informed of computational errors in certain rate schedules contained in Appendix A to Decision (D.) 92-04-061. Specifically, pages 25, 26, 28 through 37, and 39 through 43 of Appendix A are in error and should be revised. The error was the result of an inadvertent incorrect entry in the spreadsheet, which automatically flowed through to the affected pages. These revisions do not result in any change to the \$70.4 million reduction in San Diego Gas & Electric Company's rates as ordered in Ordering Paragraph 1 of D.92-04-061. The revised pages, other than correcting computational errors, do not modify D.92-04-061.

Under Resolution A-4661,

IT IS ORDERED that pages 25, 26, 28 through 37, and 39 through 43 of Appendix A to Decision 92-04-061 shall be replaced by the revised pages attached to this order.

This order is effective today.

Dated April 29, 1992, at San Francisco, California.

I CERTIFY THAT THIS DECISION
WAS APPROVED BY THE ABOVE
COMMISSIONERS TODAY

Neal J. Shulman
NEAL J. SHULMAN, Executive Director
PB

Neal J. Shulman
NEAL J. SHULMAN
Executive Director

TABLE 11-3
OPTIONAL RESIDENTIAL RATE DESIGN, PAGE 3
EXPERIMENTAL SCHEDULE DR-TOU-2

DESCRIPTION (C)	SCHEDULE DR SALES (KWH) (D)	UNADJUSTED RATES (\$/KWH) (E)	UNADJUSTED REVENUE (\$) (F)	EMP DISC FACTOR (%) (G)	SOFFD (%) (H)	ADJUSTED REVENUE (\$) (I)	TARIFF RATE (\$/KWH) (J)	COLLECTED REVENUES (\$) (K)
SUMMER ON-PEAK	468,759,785	0.27552	129,154,842	0.1543X	0.6900X	129,845,349	0.28030	132,095,983
WINTER ON-PEAK	463,244,964	0.10847	50,249,085	0.1543X	0.6900X	50,517,735	0.11035	51,393,368
ANNUAL OFF-PEAK	4,582,816,251	0.06758	309,724,118	0.1543X	0.6900X	311,380,012	0.06876	316,777,221
TOTAL	5,514,821,000		489,128,045			491,743,096		500,266,573

EXPERIMENTAL SCHEDULE DR-TOU DESIGN

DESCRIPTION (C)	SCHEDULE DR SALES (KWH) (D)	UNADJUSTED RATES (\$/KWH) (E)	UNADJUSTED REVENUE (\$) (F)	EMP DISC FACTOR (%) (G)	SOFFD (%) (H)	ADJUSTED REVENUE (\$) (I)	TARIFF RATE (\$/KWH) (J)	COLLECTED REVENUES (\$) (K)
BASELINE DISCOUNT	2,869,833,000	(0.02556)	(73,352,931)	0.1543X	0.6900X	(73,745,102)	(0.02556)	(73,745,102)
SUMMER ON-PEAK	468,759,785	0.27552	129,154,842	0.1543X	0.6900X	129,845,349	0.32162	151,568,465
WINTER ON-PEAK	463,244,964	0.10847	50,249,085	0.1543X	0.6900X	50,517,735	0.12662	58,969,348
ANNUAL OFF-PEAK	4,582,816,251	0.06758	309,724,118	0.1543X	0.6900X	311,380,012	0.07889	363,473,862
TOTAL	5,514,821,000		415,775,113			417,997,994		500,266,573

TARIFF RATES	UNITS	DR-TOU	DR-TOU-2	LIS
METER CHARGE /1	\$/MONTH	3.28	3.28	0.00003
ON-PEAK (SUMMER) /2	\$/KWH	0.32165	0.28033	
ON-PEAK (WINTER) /2	\$/KWH	0.12665	0.11038	
OFF-PEAK (ANNUAL)	\$/KWH	0.07892	0.06879	
BASELINE CREDIT	\$/KWH	0.02556	N/A	

/1 Meter Charge will not apply to qualifying low-income customers
/2 On-peak is defined as 12 Noon to 6 p.m. Monday through Friday, excluding holidays

APPENDIX A
TABLE 12-1
COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 1

LN.	DESCRIPTION (A)	CURRENT BILLING UNITS (B)	CURRENT RATES (\$/UNIT) (C)	UNADJUSTED REVENUE (\$) (D)	(E)	VOLTAGE DISCOUNT FACTOR (%) (F)	SOFFD (%) (G)	REVENUE (\$) (H)	ADOPTED RATE (\$/UNIT) (I)	ADOPTED TOTAL RATE (\$/UNIT) (J)	ADOPTED REVENUE (\$) (K)	
1	SCHEDULE A											
2												
3	CUSTOMER CHARGE	1,178,855	5.00	5,894,275		0.0000%	0.857%	5,944,789	5.00	5.00	5,944,789	
4	ENERGY BASE	1,738,444,000	0.06897	119,900,483		0.0000%	0.857%	120,928,030	0.06846	0.09720	120,032,149	
5	ENERGY ECAC/AER	1,738,444,000	0.03441	59,819,858		0.0000%	0.857%	60,332,514	0.02874		50,391,062	
6												
7	TOTAL	1,738,444,000		185,614,616				187,205,333			176,368,000	
8	-----											
9												
10	ADOPTED ECAC/AER RATE:			0.02874								
11	SCHEDULE A REVENUE ALLOCATION:			176,368,000								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	DESCRIPTION	CURRENT BILLING UNITS (B)	CURRENT RATES (\$/UNIT) (C)	UNADJUSTED REVENUE (\$) (D)	STANDBY ADJUSTMENT FACTOR (%) (E)	VOLTAGE DISCOUNT FACTOR (%) (F)	SOFFD (%) (G)	REVENUE (\$) (H)	ADOPTED RATE (\$/UNIT) (I)	ADOPTED TOTAL RATE (\$/UNIT) (J)	ADOPTED REVENUE (\$) (K)	
25	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
26	-----											
27	SCHEDULE AD											
28												
29	CUSTOMER CHARGE	67,518	15.00	1,012,770	0.0148%	-0.1100%	0.990%	1,021,822	15.00	15.00	1,021,822	
30	DEMAND CHARGE	5,211,000	6.74	35,122,140	0.0148%	-0.1100%	0.990%	35,436,064	6.74	6.74	35,436,064	
31	ENERGY BASE	1,603,427,000	0.03514	56,344,425	0.0148%	-0.1100%	0.990%	56,848,036	0.03715	0.06589	60,096,532	
32	ENERGY ECAC/AER	1,603,427,000	0.03441	55,173,923	0.0148%	0.0000%	0.990%	55,728,373	0.02874		46,545,581	
33												
34	TOTAL	1,603,427,000		147,653,258				149,034,296			143,100,000	
35	-----											
36												
37	ADOPTED ECAC/AER RATE:			0.02874								
38	SCHEDULE AD REVENUE ALLOCATION:			143,100,000								
39	INDEX FOR EQUAL % ADJUSTMENT TO DEMAND & ENERGY			0.95990787								

COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 3

LN.	SCHEDULE A-E2 RATE SUMMARY	ADOPTED RATE
1	Customer Charge	\$600.00
2	Contract Demand	\$10.34
3	Non-Coincident Demand	
4	Secondary	\$3.71
5	Primary	\$2.95
6	Transmission	\$1.24
7	Energy: On-Peak	\$4.39711
8	Energy: Semi-Peak	\$0.06613
9	Energy: Off-Peak	\$0.03220
10		
11		
12		
13		
14	SCHEDULE R-TOU-3 RATE SUMMARY	
15		
16	Customer Charge	\$600.00
17	Contract Demand	\$10.34
18	Non-Coincident Demand	
19	Secondary	\$3.71
20	Primary	\$2.95
21	Transmission	\$1.24
22	Energy: Super-Peak	\$1.24795
23	Energy: On-Peak	\$0.10094
24	Energy: Semi-Peak	\$0.04828
25	Energy: Off-Peak	\$0.03220
26		
27		
28		
29	SCHEDULE R-TOU-4 RATE SUMMARY	
30		
31	Customer Charge	\$600.00
32	Contract Demand	\$10.34
33	Non-Coincident Demand	
34	Secondary	\$3.71
35	Primary	\$2.95
36	Transmission	\$1.24
37	Energy: Super-Peak	\$0.48818
38	Energy: On-Peak	\$0.08068
39	Energy: Semi-Peak	\$0.04354
40	Energy: Off-Peak	\$0.03220

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APPENDIX A
TABLE 12-6
COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 6

LN.	DESCRIPTION (A)	CURRENT BILLING UNITS (B)	RATES (\$/UNIT) (C)	CURRENT UNADJUSTED REVENUE (\$) (D)	VOLTAGE DISCOUNT FACTOR (%) (E)	SOFFD (%) (F)	CURRENT REVENUE (\$) (G)	ADOPTED RATE (\$/UNIT) (H)	ADOPTED TOTAL RATE (\$/UNIT) (I)	ADOPTED REVENUE (\$) (J)
1	SCHEDULE PA-T-1 (AL-TOU DETERMINANTS)									
2										
3	CUSTOMER CHARGE	85,394	30.00	2,561,820	-2.7160%	1.166%	2,521,300	30.00	30.00	2,521,300
4	DEMAND CHARGE ON-PEAK	10,256,000	7.31	74,971,360	-2.7160%	1.166%	73,785,562	9.69	9.69	97,791,945
5	DEMAND CHARGE SEMI-PEAK	0	0.50	0	-2.7160%	1.166%	0			0
6										
7	ON-PEAK ENERGY BASE	776,479,000	0.09399	72,981,261	-2.7160%	1.166%	71,826,940	0.05848	0.08722	44,692,353
8	SEMI-PEAK ENERGY BASE	1,736,005,000	0.05380	93,397,069	-2.7160%	1.166%	91,919,837	0.03343	0.06222	57,194,610
9	OFF-PEAK ENERGY BASE	1,983,687,000	0.01385	27,474,065	-2.7160%	1.166%	27,039,516	0.00852	0.03736	16,824,601
10	ECAC/AER	4,496,171,000	0.03441	154,713,244	0.0000%	1.166%	156,517,201	0.02874		130,726,659
11										
12	TOTAL	4,496,171,000		426,098,819			423,610,355			349,751,468
13	SCHEDULE PA-T-1 (A-6 TOU DETERMINANTS)									
14										
15	CUSTOMER CHARGE	624	600.00	374,400	-3.9210%	1.358%	364,605	600.00	600.00	364,605
16	DEMAND CHARGE ON-PEAK	1,337,000	8.71	11,645,270	-3.9210%	1.358%	11,340,601	11.55	11.55	15,039,425
17	DEMAND CHARGE SEMI-PEAK	0	0.50	0	-3.9210%	1.358%	0			0
18										
19	ON-PEAK ENERGY BASE	134,928,000	0.09399	12,681,883	-3.9210%	1.358%	12,350,093	0.05848	0.08722	7,684,509
20	SEMI-PEAK ENERGY BASE	329,888,000	0.05380	17,747,974	-3.9210%	1.358%	17,283,644	0.03348	0.06222	10,754,275
21	OFF-PEAK ENERGY BASE	455,232,000	0.01385	6,304,963	-3.9210%	1.358%	6,140,010	0.00862	0.03736	3,820,454
22	ECAC/AER	920,048,000	0.03441	31,658,852	0.0000%	1.358%	32,088,779	0.02874		26,801,264
23										
24	TOTAL	920,048,000		80,413,342			79,567,731			64,464,532
25										
26	TOTAL PA-T-1 (AL-TOU AND A-6 TOU DETERMINANTS)						503,178,087			414,216,000
27										
28										
29										
30	REVENUE REQUIREMENT:			414,216,000						
31	INDEX FOR ENERGY RATES:			0.6222227094						
32	ADOPTED ECAC/AER:			0.02874						

A.91-09-059 ALJ/BSP

 APPENDIX A
 TABLE 12-7
 COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 7

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	CURRENT AL-TOU AVG PEAK DMD RATE	CURRENT PA-T-1 PEAK DMD RATE	RATIO OF AL-TOU TO PA-T-1 RATES	ADOPTED AL-TOU AVG PEAK DMD RATE	ADOPTED RATE
34					
35					
36					
37					
38	FINAL SCHEDULE PA-T-1 RATES				
39					
40	DEMAND CHARGES (\$/KW)				
41					
42					
43					
44					
45					
46					
47					
48	ENERGY RATES (\$/KWH)				
49					
50					
51					
52					

A.91-09-059 ALJ/BOP

APPENDIX A
TABLE 12-8
COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 8

CACD/HRB/2 PAGE 33

LN.	DESCRIPTION	CURRENT BILLING UNITS	CURRENT RATES (\$/UNIT)	CURRENT UNADJUSTED REVENUE (\$)	VOLTAGE DISCOUNT FACTOR (%)	SOFFD (%)	CURRENT REVENUE (\$)	ADOPTED RATE (\$/UNIT)	ADOPTED TOTAL RATE (\$/UNIT)	ADOPTED REVENUE (\$)
1	SCHEDULE A0-T0U									
2										
3	CUSTOMER CHARGE	85,394	50.00	4,269,700	-2.7160%	1.130%	4,200,672	50.00	50.00	4,200,672
4	NON-COINCIDENT DEMAND CHARGE	11,509,000	8.82	101,509,380	-2.7160%	1.130%	99,868,287	8.82	8.82	99,868,287
5	SUMMER ON-PEAK DEMAND CHARGE	4,673,000	15.67	73,225,910	-2.7160%	1.130%	72,042,073	15.67	15.67	72,042,073
6	WINTER ON-PEAK DEMAND CHARGE	5,583,000	4.22	23,560,260	-2.7160%	1.130%	23,179,363	4.22	4.22	23,179,363
7	ON-PEAK ENERGY BASE	776,479,000	0.01217	9,449,749	-2.7160%	1.130%	9,296,976	0.01189	0.04063	9,085,142
8	ON-PEAK ENERGY ECAC/AER	776,479,000	0.03441	26,718,642	0.0000%	1.130%	27,020,563	0.02874		22,568,177
9	SEMI-PEAK ENERGY BASE	1,735,005,000	0.00456	7,916,183	-2.7160%	1.130%	7,783,203	0.00525	0.03399	8,974,096
10	SEMI-PEAK ENERGY ECAC/AER	1,735,005,000	0.03441	59,735,932	0.0000%	1.130%	60,410,948	0.02874		50,655,572
11	OFF-PEAK ENERGY BASE	1,983,687,000	0.00041	813,312	-2.7160%	1.130%	800,163	0.00163	0.03037	3,189,352
12	OFF-PEAK ENERGY ECAC/AER	1,983,687,000	0.03441	68,258,670	0.0000%	1.130%	69,029,993	0.02874		57,655,391
13										
14	TOTAL	4,496,171,000		375,457,738			373,637,242			351,219,126
15										
16	SCHEDULE A06-T0U									
17										
18	CUSTOMER CHARGE	624	250.00	156,000	-3.9210%	0.000%	149,883	250.00	250.00	149,883
19	NON-COINCIDENT DEMAND CHARGE	2,098,000	8.82	18,504,360	-3.9210%	0.000%	17,778,804	8.82	8.82	17,778,804
20	SUMMER ON-PEAK DEMAND CHARGE	629,000	18.67	11,743,430	-3.9210%	0.000%	11,282,970	18.67	18.67	11,282,510
21	WINTER ON-PEAK DEMAND CHARGE	708,000	5.03	3,561,240	-3.9210%	0.000%	3,421,604	5.03	5.03	3,421,604
22										
23	ON-PEAK ENERGY BASE	134,928,000	0.01217	1,642,074	-3.9210%	0.000%	1,577,688	0.01189	0.04063	1,541,740
24	ON-PEAK ENERGY ECAC/AER	134,928,000	0.03441	4,642,872	0.0000%	0.000%	4,642,872	0.02874		3,877,831
25	SEMI-PEAK ENERGY BASE	329,888,000	0.00456	1,504,289	-3.9210%	0.000%	1,445,306	0.00525	0.03399	1,665,350
26	SEMI-PEAK ENERGY ECAC/AER	329,888,000	0.03441	11,351,446	0.0000%	0.000%	11,351,446	0.02874		9,480,931
27	OFF-PEAK ENERGY BASE	455,232,000	0.00041	186,645	-3.9210%	0.000%	179,327	0.00163	0.03037	714,775
28	OFF-PEAK ENERGY ECAC/AER	455,232,000	0.03441	15,664,533	0.0000%	0.000%	15,664,533	0.02874		13,083,368
29										
30	TOTAL	920,048,000		68,956,890			67,494,434			62,996,875
31										
32	TOTAL REVENUE COLLECTION	5,416,219,000					441,131,676			414,216,000
33										
34										
35	REVENUE REQUIREMENT:			414,216,000						
36	INDEX FOR ENERGY RATES:			0.8723207974						
37				0.000973682						
38	ADOPTED ECAC/AER RATE:			0.02874						

A.91-09-059 ALJ/BOP

APPENDIX A
TABLE 12-9
COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 9

CACD/KRB/2 PAGE 34

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED AL-TOU RATES (\$/UNIT) (C)	UNADJUSTED REVENUE (\$) (D)	SEASONAL ADJUSTMENT FACTOR (E)	STANDBY FACTOR (%) (F)	ADOPTED RATE LIMITER FACTOR (%) (G)	SOFFD (%) (H)	TOTAL REVENUE (\$) (I)
1	SCHEDULE AL-TOU								
2									
3	CUSTOMER CHARGE	85,394	30.00	2,561,820	0.765X	0.153X	0.006X	1.166X	2,575,675
4	NON-COINCIDENT DEMAND								
5	SECONDARY	7,238,000	3.71	26,852,980	0.765X	0.153X	0.006X	1.166X	26,998,203
6	PRIMARY	4,271,000	2.95	12,599,450	0.765X	0.153X	0.006X	1.166X	12,667,589
7	SUMMER PEAK DEMAND								
8	SECONDARY	2,942,000	17.54	51,602,680	0.765X	0.153X	0.006X	1.166X	51,881,752
9	PRIMARY	1,731,000	17.54	30,361,740	0.765X	0.153X	0.006X	1.166X	30,529,939
10	WINTER PEAK DEMAND								
11	SECONDARY	3,499,000	4.08	14,275,920	0.765X	0.153X	0.006X	1.166X	14,353,125
12	PRIMARY	2,084,000	4.08	8,502,720	0.765X	0.153X	0.006X	1.166X	8,548,703
13	SUMMER PEAK ENERGY								
14	SECONDARY	307,502,000	0.04713	14,491,097	0.765X	0.153X	0.006X	1.166X	14,569,466
15	PRIMARY	185,194,000	0.04224	7,822,842	0.765X	0.153X	0.006X	1.166X	7,865,149
16	ECAC/AER	492,696,000	0.02874	14,160,083	0.765X	0.153X	0.006X	1.166X	14,236,662
17	SUMMER SEMI-PEAK ENERGY								
18	SECONDARY	354,041,000	0.02032	7,194,801	0.765X	0.153X	0.006X	1.166X	7,233,711
19	PRIMARY	235,771,000	0.01799	4,241,901	0.765X	0.153X	0.006X	1.166X	4,264,841
20	ECAC/AER	589,812,000	0.02874	16,951,197	0.765X	0.153X	0.006X	1.166X	17,042,870
21	SUMMER OFF-PEAK ENERGY								
22	SECONDARY	493,657,000	0.00837	4,130,291	0.765X	0.153X	0.006X	1.166X	4,152,628
23	PRIMARY	346,925,000	0.00599	2,078,687	0.765X	0.153X	0.006X	1.166X	2,089,929
24	ECAC/AER	840,582,000	0.02874	24,158,327	0.765X	0.153X	0.006X	1.166X	24,288,977
25	WINTER PEAK ENERGY								
26	SECONDARY	170,321,000	0.03929	6,692,754	0.765X	0.153X	0.006X	1.166X	6,728,949
27	PRIMARY	113,462,000	0.03488	3,958,040	0.765X	0.153X	0.006X	1.166X	3,979,445
28	ECAC/AER	283,783,000	0.02874	8,155,923	0.765X	0.153X	0.006X	1.166X	8,200,031
29	WINTER SEMI-PEAK ENERGY								
30	SECONDARY	682,313,000	0.01417	9,668,530	0.765X	0.153X	0.006X	1.166X	9,720,819
31	PRIMARY	463,880,000	0.01110	5,148,527	0.765X	0.153X	0.006X	1.166X	5,176,371
32	ECAC/AER	1,146,193,000	0.02874	32,941,587	0.765X	0.153X	0.006X	1.166X	33,119,738
33	WINTER OFF-PEAK ENERGY								
34	SECONDARY	657,099,000	0.00737	4,840,673	0.765X	0.153X	0.006X	1.166X	4,866,852
35	PRIMARY	486,006,000	0.00411	1,996,436	0.765X	0.153X	0.006X	1.166X	2,007,233
36	ECAC/AER	1,143,105,000	0.02874	32,852,838	0.765X	0.153X	0.006X	1.166X	33,030,509
37	SUBTOTAL	4,496,171,000		348,241,644					350,125,165

A.91-09-059 ALJ/BDP

APPENDIX A
TABLE 12-11
COMMERCIAL AND AGRICULTURAL RATE DESIGN, PAGE 11

CACD/MRB/2 PAGE 36

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED AL-TOU RATES (\$/UNIT) (C)	UNADJUSTED REVENUE (\$) (D)	SEASONAL ADJUSTMENT FACTOR (E)	STANDBY FACTOR (F)	ADOPTED RATE LIMITER FACTOR (%) (G)	SOFFD (%) (H)	TOTAL REVENUE (\$) (I)
62	SCHEDULE A6-TOU								
63									
64	CUSTOMER CHARGE	624	600.00	374,400	0.765X	0.474X	0.021X	1.358X	378,300
65	NON-COINCIDENT DEMAND								
66	PRIMARY	1,831,000	2.95	5,401,450	0.765X	0.474X	0.021X	1.358X	5,457,712
67	TRANSMISSION	267,000	1.24	331,080	0.765X	0.474X	0.021X	1.358X	334,529
68	SUMMER PEAK DEMAND								
69	PRIMARY	554,000	20.89	11,573,060	0.765X	0.474X	0.021X	1.358X	11,693,607
70	TRANSMISSION	75,000	13.39	1,004,250	0.765X	0.474X	0.021X	1.358X	1,014,710
71	WINTER PEAK DEMAND								
72	PRIMARY	640,000	4.88	3,123,200	0.765X	0.474X	0.021X	1.358X	3,155,732
73	TRANSMISSION	68,000	2.17	147,560	0.765X	0.474X	0.021X	1.358X	149,097
74	SUMMER PEAK ENERGY								
75	PRIMARY	72,624,000	0.04224	3,067,735	0.765X	0.474X	0.021X	1.358X	3,099,689
76	TRANSMISSION	9,775,000	0.04012	392,137	0.765X	0.474X	0.021X	1.358X	396,222
77	ECAC/AER	82,399,000	0.02874	2,368,147	0.765X	0.474X	0.021X	1.358X	2,392,814
78	SUMMER SEMI-PEAK ENERGY								
79	PRIMARY	104,879,000	0.01799	1,886,942	0.765X	0.474X	0.021X	1.358X	1,906,597
80	TRANSMISSION	14,841,000	0.01659	246,210	0.765X	0.474X	0.021X	1.358X	248,774
81	ECAC/AER	119,720,000	0.02874	3,440,753	0.765X	0.474X	0.021X	1.358X	3,476,592
82	SUMMER OFF-PEAK ENERGY								
83	PRIMARY	165,946,000	0.00599	994,307	0.765X	0.474X	0.021X	1.358X	1,004,684
84	TRANSMISSION	27,743,000	0.00495	137,248	0.765X	0.474X	0.021X	1.358X	138,677
85	ECAC/AER	193,689,000	0.02874	5,566,622	0.765X	0.474X	0.021X	1.358X	5,624,605
86	WINTER PEAK ENERGY								
87	PRIMARY	47,182,000	0.03488	1,645,910	0.765X	0.474X	0.021X	1.358X	1,663,054
88	TRANSMISSION	5,347,000	0.03297	176,310	0.765X	0.474X	0.021X	1.358X	178,146
89	ECAC/AER	52,529,000	0.02874	1,509,683	0.765X	0.474X	0.021X	1.358X	1,525,409
90	WINTER SEMI-PEAK ENERGY								
91	PRIMARY	190,981,000	0.01110	2,119,666	0.765X	0.474X	0.021X	1.358X	2,141,745
92	TRANSMISSION	19,187,000	0.00990	189,998	0.765X	0.474X	0.021X	1.358X	191,977
93	ECAC/AER	210,168,000	0.02874	6,040,228	0.765X	0.474X	0.021X	1.358X	6,103,144
94	WINTER OFF-PEAK ENERGY								
95	PRIMARY	233,339,000	0.00411	958,520	0.765X	0.474X	0.021X	1.358X	968,504
96	TRANSMISSION	28,204,000	0.00312	87,906	0.765X	0.474X	0.021X	1.358X	88,821
97	ECAC/AER	261,543,000	0.02874	7,516,746	0.765X	0.474X	0.021X	1.358X	7,595,041
98									
	SUBTOTAL	920,048,000		60,300,068					60,928,162

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TABLE 13-1
LIGHTING RATE DESIGN, PAGE 1

STREET LIGHT - REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	DESCRIPTION WATTS (B)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SOFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LIN NO.
1		LS-1, Mercury Vapor, Class A						1
2	7,658	175	7,000	\$9.79	\$76,953	0.054%	\$76,995	2
3	123	250	10,000	\$12.95	\$1,593	0.054%	\$1,593	3
4	2,074	400	20,000	\$17.63	\$36,574	0.054%	\$36,594	4
5	56	700	35,000	\$33.35	\$1,868	0.054%	\$1,869	5
6		LS-1, Mercury Vapor, Class C, 1-Lamp						6
7	448	175	7,000	\$18.44	\$8,261	0.054%	\$8,266	7
8	1	250	10,000	\$24.45	\$24	0.054%	\$24	8
9	314	400	20,000	\$29.14	\$9,151	0.054%	\$9,156	9
10		LS-1, Mercury Vapor, Class C, 2-Lamp						10
11	34	175	7,000	\$27.97	\$951	0.054%	\$951	11
12	1	400	20,000	\$47.37	\$47	0.054%	\$47	12
13		LS-1, HPSV, Class A						13
14	19,280	70	5,800	\$6.43	\$124,013	0.054%	\$124,080	14
15	146,977	100	9,500	\$7.41	\$1,089,497	0.054%	\$1,090,086	15
16	5,593	150	16,000	\$8.75	\$48,940	0.054%	\$48,967	16
17	146	200	22,000	\$10.51	\$1,534	0.054%	\$1,535	17
18	19,269	250	30,000	\$13.24	\$255,216	0.054%	\$255,353	18
19	168	400	50,000	\$16.44	\$2,762	0.054%	\$2,764	19
20	1	1000	140,000	\$34.10	\$34	0.054%	\$34	20
21		LS-1, HPSV, Class B, 1-Lamp						21
22	7,656	70	5,800	\$7.12	\$54,466	0.054%	\$54,515	22
23	17,969	100	9,500	\$8.10	\$145,499	0.054%	\$145,578	23
24	1,995	150	16,000	\$9.44	\$18,825	0.054%	\$18,835	24
25	527	200	22,000	\$11.38	\$5,999	0.054%	\$6,003	25
26	4,192	250	30,000	\$14.13	\$59,229	0.054%	\$59,261	26
27	60	400	50,000	\$17.42	\$1,568	0.054%	\$1,569	27
28	1	1000	140,000	\$35.16	\$35	0.054%	\$35	28
29		LS-1, HPSV, Class B, 2-Lamp						29
30	179	70	5,800	\$12.35	\$2,211	0.054%	\$2,212	30
31	1,121	100	9,500	\$14.31	\$16,046	0.054%	\$16,065	31
32	1,199	150	16,000	\$16.99	\$20,372	0.054%	\$20,383	32
33	1	200	22,000	\$20.75	\$21	0.054%	\$21	33
34	34	250	30,000	\$26.24	\$892	0.054%	\$893	34
35	1	400	50,000	\$32.56	\$33	0.054%	\$33	35
36	1	1000	140,000	\$58.00	\$58	0.054%	\$58	36
37		LS-1, HPSV, Class C, 1-Lamp						37
38	13,877	70	5,800	\$15.07	\$209,186	0.054%	\$209,299	38
39	52,326	100	9,500	\$18.05	\$840,081	0.054%	\$840,535	39
40	4,147	150	16,000	\$17.41	\$72,200	0.054%	\$72,239	40
41	1	200	22,000	\$22.00	\$22	0.054%	\$22	41
42	5,268	250	30,000	\$24.75	\$130,383	0.054%	\$130,453	42
43	1,569	400	50,000	\$29.41	\$46,137	0.054%	\$46,162	43
44	1	1000	140,000	\$48.04	\$48	0.054%	\$48	44

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TABLE 13-2
LIGHTING RATE DESIGN, PAGE 2

STREET LIGHT - REVENUE AT ADOPTED RATES

LINE NO.	DESCRIPTION			ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LN NO.
	# LAMPS (A)	WATTS (B)	LUMENS (C)					
1	LS-1, HPSV, Class C, 2-Lamp							1
2	448	70	5,800	\$21.23	\$9,512	0.054%	\$9,518	2
3	919	100	9,500	\$23.19	\$21,315	0.054%	\$21,327	3
4	235	150	16,000	\$25.89	\$6,084	0.054%	\$6,087	4
5	1	200	22,000	\$33.09	\$33	0.054%	\$33	5
6	504	250	30,000	\$38.58	\$19,445	0.054%	\$19,456	6
7	1	400	50,000	\$43.89	\$44	0.054%	\$44	7
8	1	1000	140,000	\$80.65	\$81	0.054%	\$81	8
9	LS-1, LPSV, Class A							9
10	1	35	4,800	\$7.93	\$8	0.054%	\$8	10
11	560	55	8,000	\$8.55	\$4,789	0.054%	\$4,791	11
12	370	90	13,500	\$10.51	\$3,887	0.054%	\$3,889	12
13	112	135	22,500	\$12.94	\$1,449	0.054%	\$1,450	13
14	1,928	180	33,000	\$14.04	\$27,078	0.054%	\$27,093	14
15	LS-1, LPSV, Class B, 1-Lamp							15
16	1	35	4,800	\$8.62	\$9	0.054%	\$9	16
17	276	55	8,000	\$9.35	\$2,581	0.054%	\$2,582	17
18	212	90	13,500	\$11.31	\$2,737	0.054%	\$2,738	18
19	241	135	22,500	\$13.94	\$3,359	0.054%	\$3,361	19
20	241	180	33,000	\$15.04	\$3,625	0.054%	\$3,627	20
21	LS-1, LPSV, Class B, 2-Lamp							21
22	1	35	4,800	\$15.36	\$15	0.054%	\$15	22
23	1	55	8,000	\$16.74	\$17	0.054%	\$17	23
24	1	90	13,500	\$20.63	\$21	0.054%	\$21	24
25	1	135	22,500	\$25.75	\$26	0.054%	\$26	25
26	1	180	33,000	\$27.97	\$28	0.054%	\$28	26
27	LS-1, LPSV, Class C, 1-Lamp							27
28	1	35	4,800	\$16.58	\$17	0.054%	\$17	28
29	359	55	8,000	\$17.31	\$6,214	0.054%	\$6,218	29
30	280	90	13,500	\$19.29	\$5,400	0.054%	\$5,403	30
31	247	135	22,500	\$24.56	\$6,066	0.054%	\$6,070	31
32	269	180	33,000	\$25.67	\$6,904	0.054%	\$6,908	32
33	LS-1, LPSV, Class C, 2-Lamp							33
34	1	35	4,800	\$24.24	\$24	0.054%	\$24	34
35	1	55	8,000	\$25.60	\$26	0.054%	\$26	35
36	1	90	13,500	\$29.53	\$30	0.054%	\$30	36
37	1	135	22,500	\$38.10	\$38	0.054%	\$38	37
38	1	180	33,000	\$40.31	\$40	0.054%	\$40	38

TABLE 13-3
LIGHTING RATE DESIGN, PAGE 3

STREET LIGHT - REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	DESCRIPTION		ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LIN NO.
		WATTS (B)	LUMENS (C)					
1		LS-1, Facilities and Rates, Class A						1
2	12	Center Suspension		\$4.77	\$57	0.054%	\$57	2
3		Non-Standard Wood Pole						3
4	9,264	30-foot		\$2.39	\$22,134	0.054%	\$22,146	4
5	1,680	35-foot		\$2.69	\$4,512	0.054%	\$4,514	5
6		Recator Ballast Discount						6
7	3,139	175		(\$0.97)	(\$3,060)	0.054%	(\$3,062)	7
8	11	250		(\$0.38)	(\$4)	0.054%	(\$4)	8
9		Subtotal Revenue LS-1			\$3,435,299		\$3,437,154	9
10								10
11								11
12		LS-2, Mercury Vapor, Rate A						12
13	22,621	175	7,000	\$5.02	\$113,565	0.751%	\$114,418	13
14	471	250	10,000	\$6.98	\$3,288	0.751%	\$3,313	14
15	11,546	400	20,000	\$11.00	\$126,971	0.751%	\$127,924	15
16	482	700	35,000	\$18.65	\$8,988	0.751%	\$9,055	16
17	45	1000	55,000	\$26.34	\$1,188	0.751%	\$1,194	17
18		LS-2, Mercury Vapor, Rate B, Energy & Limited Maintenance						18
19	6,401	175	7,000	\$5.62	\$35,995	0.751%	\$36,265	19
20	22	250	10,000	\$7.58	\$167	0.751%	\$168	20
21	1,625	400	20,000	\$11.61	\$18,861	0.751%	\$19,003	21
22		LS-2, Mercury Vapor, Surcharge for series service						22
23	804	175	7,000	\$0.40	\$320	0.751%	\$323	23
24	1	250	10,000	\$0.50	\$1	0.751%	\$1	24
25	3,900	400	20,000	\$0.72	\$2,813	0.751%	\$2,834	25
26	312	700	35,000	\$1.32	\$412	0.751%	\$415	26
27		LS-2, HPSV, Rate A						27
28	1,334	50	3,300	\$1.39	\$1,850	0.751%	\$1,864	28
29	46,452	70	5,800	\$2.41	\$112,160	0.751%	\$113,003	29
30	85,808	100	9,500	\$3.37	\$289,242	0.751%	\$291,414	30
31	23,697	150	16,000	\$4.61	\$109,336	0.751%	\$110,157	31
32	26,622	200	22,000	\$5.88	\$156,563	0.751%	\$157,739	32
33	48,010	250	30,000	\$7.48	\$359,244	0.751%	\$361,942	33
34	3,441	310	37,000	\$9.16	\$31,506	0.751%	\$31,743	34
35	3,654	400	50,000	\$11.38	\$41,580	0.751%	\$41,893	35
36	1	1000	140,000	\$26.34	\$26	0.751%	\$27	36

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LIGHTING RATE DESIGN, PAGE 4

STREET LIGHT - REVENUE AT ADOPTED RATES

LINE NO.	DESCRIPTION			ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SOFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LIN NO.	
	# LAMPS (A)	WATTS (B)	LUMENS (C)						
1	LS-2, HPSV, Rate B, Energy & Limited Maintenance							1	
2	1	50	3,300	\$2.07	\$2	0.751%	\$2	2	
3	796	70	5,800	\$3.09	\$2,459	0.751%	\$2,477	3	
4	1,087	100	9,500	\$4.04	\$4,397	0.751%	\$4,430	4	
5	2,376	150	16,000	\$5.31	\$12,616	0.751%	\$12,711	5	
6	1	200	22,000	\$6.57	\$7	0.751%	\$7	6	
7	572	250	30,000	\$6.17	\$4,675	0.751%	\$4,710	7	
8	1	310	37,000	\$9.86	\$10	0.751%	\$10	8	
9	1	400	50,000	\$12.08	\$12	0.751%	\$12	9	
10	1	1000	140,000	\$27.20	\$27	0.751%	\$27	10	
11	LS-2, HPSV, Reduction for 120-volt Reactor Ballast							11	
12	20,782	70	5,800	(\$0.40)	(\$8,305)	0.751%	(\$8,368)	12	
13	18,888	100	9,500	(\$0.53)	(\$10,064)	0.751%	(\$10,140)	13	
14	8,048	150	16,000	(\$0.49)	(\$3,931)	0.751%	(\$3,961)	14	
15	LS-2, HPSV, Surcharge for Series Service							15	
16	1	50	3,300	\$0.45	\$0	0.751%	\$0	16	
17	1	70	5,800	(\$0.22)	(\$0)	0.751%	(\$0)	17	
18	336	100	9,500	(\$0.23)	(\$77)	0.751%	(\$77)	18	
19	156	150	16,000	\$0.02	\$3	0.751%	\$3	19	
20	132	200	22,000	\$0.47	\$63	0.751%	\$63	20	
21	LS-2, LPSV, Rate A							21	
22	22,183	35	4,800	\$1.56	\$34,496	0.751%	\$34,755	22	
23	259,621	55	8,000	\$2.04	\$530,272	0.751%	\$534,255	23	
24	70,832	90	13,500	\$3.37	\$238,382	0.751%	\$240,173	24	
25	57,796	135	22,500	\$4.78	\$276,339	0.751%	\$278,414	25	
26	16,680	180	33,000	\$5.45	\$90,979	0.751%	\$91,662	26	
27	LS-2, LPSV, Surcharge for series service							27	
28	15,108	35	4,800	(\$0.23)	(\$3,441)	0.751%	(\$3,467)	28	
29	13,788	55	8,000	(\$0.13)	(\$1,832)	0.751%	(\$1,846)	29	
30	1,596	90	13,500	\$0.45	\$712	0.751%	\$717	30	
31	16,572	135	22,500	\$0.80	\$13,212	0.751%	\$13,311	31	
32	120	180	33,000	\$0.51	\$62	0.751%	\$62	32	
33	LS-2, Incandescent Lamps, Rate A, Energy Only							33	
34	493		1,000	\$1.69	\$835	0.751%	\$242	34	
35	22		2,500	\$3.76	\$83	0.751%	\$83	35	
36	1		4,000	\$5.66	\$6	0.751%	\$6	36	
37	169		6,000	\$8.31	\$1,396	0.751%	\$1,406	37	
38	34		10,000	\$14.11	\$480	0.751%	\$483	38	
39	LS-2, Incndnt Lamps, Rate B, Energy and Limited Maintenance							39	
40	1		4,000	\$7.62	\$8	0.751%	\$8	40	
41	67		6,000	\$10.31	\$691	0.751%	\$696	41	
42								42	
43	Subtotal Revenue LS-2					\$2,598,645	0.751%	\$2,618,161	43
44								44	

