

	A	B	C	D	E	F	G	H	J	L	N	P	R	T	V	X	Z	AA	AB
1	<b>Facilities and O&amp;M Related Costs</b>																		
2																			
3	(1)		Marginal Investment per fixture (all costs and labor)				Input-Lighting Cost workpapers	\$267.39	\$398.60	\$551.43	\$585.60	\$316.59	\$439.60	\$974.85	\$1,179.86	\$1,100.73	\$766.89	\$901.15	\$2,979.13
4	(2)		With General Plant Loading				(1) x 1.0130	\$270.87	\$403.78	\$558.60	\$593.21	\$320.71	\$445.31	\$987.52	\$1,195.20	\$1,115.04	\$776.86	\$912.86	\$3,017.86
5																			
6	(3)		Annual Economic Carrying Charge Related to																
7			Capital Investment			(9)	Input - Marginal Cost Study T29 P5	9.49%	9.49%	9.49%	9.49%	9.49%	9.49%	9.49%	9.49%	9.49%	6.70%	6.70%	6.70%
8	(4)		A&G Loading (plant-related)			(10)	Input - Marginal Cost Study T29 P5	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
9	(5)		Total Annual Carrying Charge				(3) + (4)	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	6.80%	6.80%	6.80%
10																			
11	(6)		Annualized Costs				(2) x (5)	\$25.97	\$38.71	\$53.56	\$56.87	\$30.75	\$42.69	\$94.68	\$114.59	\$106.90	\$52.81	\$62.05	\$205.14
12																			
13	(7)		Annual Lighting O&M Expenses				Input-Lighting Cost workpapers	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$0.00	\$0.00	\$0.00
14	(8)		With A&G Loading (non-plant related)				(7) x 1.1323 Input-Marginal Cost Study	\$13.32	\$13.32	\$13.32	\$13.32	\$13.32	\$13.32	\$13.32	\$13.32	\$13.32	\$0.00	\$0.00	\$0.00
15																			
16	(9)		Distribution Facilities Related Costs				(6) + (8)	\$39.28	\$52.03	\$66.87	\$70.19	\$44.06	\$56.01	\$107.99	\$127.90	\$106.90	\$52.81	\$62.05	\$205.14
17																			
18			Working Capital																
19	(10)		Material and Supplies				(2) x 1.20%	\$3.25	\$4.85	\$6.70	\$7.12	\$3.85	\$5.34	\$11.85	\$14.34	\$13.38	\$9.32	\$10.95	\$36.21
20	(11)		Prepayments				(2) x 0.03%	\$0.08	\$0.12	\$0.17	\$0.18	\$0.10	\$0.13	\$0.30	\$0.36	\$0.33	\$0.23	\$0.27	\$0.91
21	(12)		Cash Working Capital Allowance				(8) x 6.67%	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.00	\$0.00	\$0.00
22	(13)		Total Working Capital				(10) + (11) + (12)	\$4.22	\$5.85	\$7.76	\$8.18	\$4.83	\$6.37	\$13.03	\$15.59	\$13.71	\$9.56	\$11.23	\$37.12
23	(14)		Revenue Requirement for Working Capital				(13) x 11.20%	\$0.47	\$0.66	\$0.87	\$0.92	\$0.54	\$0.71	\$1.46	\$1.75	\$1.54	\$1.07	\$1.26	\$4.16
24	(15)		Total Annual Marginal Distribution																
25			Facilities Related Costs				(9) + (14)	\$39.76	\$52.68	\$67.74	\$71.11	\$44.60	\$56.72	\$109.45	\$129.65	\$108.44	\$53.88	\$63.31	\$209.30
26																			
27																			
28	<b>O&amp;M - Meter, Customer Accounts Expenses, Customer Service</b>																		
29	(16)		Meter and CT O&M Expenses			(13)	Input - Marginal Cost Study T29 P5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	(17)		Customer Accounts Expenses			(14)	Input - Marginal Cost Study T29 P5	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39	\$2.39
31	(18)		Customer Service and Informational Expenses			(15)	Input - Marginal Cost Study T29 P5	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10	\$1.10
32	(19)		With A&G Loading (Non-plant Related)				[(16)+(17)+(18)] x 1.1323	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95
33																			
34	(20)		Customer-Related Costs				(19)	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95	\$3.95
35																			
36			Working Capital																
37	(21)		Materials and Supplies					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
38	(22)		Prepayments					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
39	(23)		Cash Working Capital				(19) x 6.67%	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26
40	(24)		Revenue Requirement for Working Capital				[(21)+(22)+(23)]x11.20%	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03
41																			
42	(25)		Total Annual Marginal Customer-Related Costs				(20) + (24)	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98
43																			
44	(26)		Total Annual Marginal Facilities & Customer-Related Costs per fixture				(15) + (25)	\$43.74	\$56.67	\$71.72	\$75.09	\$48.59	\$60.70	\$113.43	\$133.63	\$112.42	\$57.86	\$67.29	\$213.28
45	(27)		Monthly Marginal Facilities & Customer-Related Costs per lighting fixture				(26) / 12	\$3.64	\$4.72	\$5.98	\$6.26	\$4.05	\$5.06	\$9.45	\$11.14	\$9.37	\$4.82	\$5.61	\$17.77
46																			
47	<b>Energy Costs Calculation per Fixture</b>																		
48																			
49	(26)		Lighting fixture input (connected kW)				input - Mfg data	0.047	0.095	0.026	0.047	0.076	0.133	0.199	0.261	0.047	0.000	0.000	0.000
50	(27)		Monthly charge per connected (Marginal KWH rate/4100/12month)			\$10.06	input Section 11.03, Rate Code 31-749	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06	\$10.06
51	(28)		Monthly kWh charge				(26 * 27)	\$0.47	\$0.96	\$0.26	\$0.47	\$0.76	\$1.34	\$2.00	\$2.63	\$0.47	\$0.00	\$0.00	\$0.00
52																			
53	<b>Total Monthly Fixture Cost</b>																		
54																			
55	(29)		Monthly Marginal Cost per fixture (excluding monthly energy)			(27)		\$3.64	\$4.72	\$5.98	\$6.26	\$4.05	\$5.06	\$9.45	\$11.14	\$9.37	\$4.82	\$5.61	\$17.77
56	(30)		Monthly kWh charge			(28)		\$0.47	\$0.96	\$0.26	\$0.47	\$0.76	\$1.34	\$2.00	\$2.63	\$0.47	\$0.00	\$0.00	\$0.00
57	(30)		Total Monthly Pole Cost			(29)		\$5.14	\$5.14	\$4.82	\$5.61	\$5.14	\$6.10	\$6.10	\$8.41	\$5.14			
58	(32)		Total Monthly Fixture Cost			(27) + (28)+(29)		\$9.26	\$10.82	\$11.06	\$12.34	\$9.96	\$12.50	\$17.56	\$22.17	\$14.98	\$4.82	\$5.61	\$17.77

	A	B	C	D	E	F	G	AC	AD	AE	AF
1	<b>Facilities and O&amp;M Related Costs</b>										
								<b>ALUMINUM ALLOY STANDARDS40'</b>	<b>STANDARD POLE (LED5, LED8 &amp; LED10)</b>	<b>STANDARD POLE (LED13 &amp; LED20 FLOOD)</b>	<b>STANDARD POLE (LED30 FLOOD)</b>
2											
3	(1)				Marginal Investment per fixture (all costs and labor)		Input-Lighting Cost workpapers	\$3,237.00	\$821.72	\$985.76	\$1,380.09
4	(2)				With General Plant Loading		(1) x 1.0130	\$3,279.08	\$832.40	\$998.57	\$1,398.03
5											
6	(3)				Annual Economic Carrying Charge Related to						
7					Capital Investment	(9)	Input - Marginal Cost Study T29 P5	6.70%	6.70%	6.70%	6.70%
8	(4)				A&G Loading (plant-related)	(10)	Input - Marginal Cost Study T29 P5	0.10%	0.10%	0.10%	0.10%
9	(5)				Total Annual Carrying Charge		(3) + (4)	6.80%	6.80%	6.80%	6.80%
10											
11	(6)				Annualized Costs		(2) x (5)	\$222.90	\$56.58	\$67.88	\$95.03
12											
13	(7)				Annual Lighting O&M Expenses		Input-Lighting Cost workpapers	\$0.00	\$0.00	\$0.00	\$0.00
14	(8)				With A&G Loading (non-plant related)		(7) x 1.1323 Input-Marginal Cost Study	\$0.00	\$0.00	\$0.00	\$0.00
15											
16	(9)				Distribution Facilities Related Costs		(6) + (8)	\$222.90	\$56.58	\$67.88	\$95.03
17											
18					Working Capital						
19	(10)				Material and Supplies		(2) x 1.20%	\$39.35	\$9.99	\$11.98	\$16.78
20	(11)				Prepayments		(2) x 0.03%	\$0.98	\$0.25	\$0.30	\$0.42
21	(12)				Cash Working Capital Allowance		(8) x 6.67%	\$0.00	\$0.00	\$0.00	\$0.00
22	(13)				Total Working Capital		(10) + (11) + (12)	\$40.33	\$10.24	\$12.28	\$17.20
23	(14)				Revenue Requirement for Working Capital		(13) x 11.20%	\$4.52	\$1.15	\$1.38	\$1.93
24	(15)				Total Annual Marginal Distribution						
25					Facilities Related Costs		(9) + (14)	\$227.42	\$57.73	\$69.25	\$96.96
26											
27											
28	<b>O&amp;M - Meter, Customer Accounts Expenses, Customer Service</b>										
29	(16)				Meter and CT O&M Expenses	(13)	Input - Marginal Cost Study T29 P5	\$0.00	\$0.00	\$0.00	\$0.00
30	(17)				Customer Accounts Expenses	(14)	Input - Marginal Cost Study T29 P5	\$2.39	\$2.39	\$2.39	\$2.39
31	(18)				Customer Service and Informational Expenses	(15)	Input - Marginal Cost Study T29 P5	\$1.10	\$1.10	\$1.10	\$1.10
32	(19)				With A&G Loading (Non-plant Related)		[(16)+(17)+(18)] x 1.1323	\$3.95	\$3.95	\$3.95	\$3.95
33											
34	(20)				Customer-Related Costs		(19)	\$3.95	\$3.95	\$3.95	\$3.95
35											
36					Working Capital						
37	(21)				Materials and Supplies			\$0.00	\$0.00	\$0.00	\$0.00
38	(22)				Prepayments			\$0.00	\$0.00	\$0.00	\$0.00
39	(23)				Cash Working Capital		(19) x 6.67%	\$0.26	\$0.26	\$0.26	\$0.26
40	(24)				Revenue Requirement for Working Capital		[(21)+(22)+(23)]x11.20%	\$0.03	\$0.03	\$0.03	\$0.03
41											
42	(25)				Total Annual Marginal Customer-Related Costs		(20) + (24)	\$3.98	\$3.98	\$3.98	\$3.98
43											
44	(26)				Total Annual Marginal Facilities & Customer-Related Costs per fixture		(15) + (25)	\$231.40	\$61.71	\$73.24	\$100.94
45	(27)				Monthly Marginal Facilities & Customer-Related Costs per lighting fixture		(26) / 12	\$19.28	\$5.14	\$6.10	\$8.41
46											
47	<b>Energy Costs Calculation per Fixture</b>										
48											
49	(26)				Lighting fixture input (connected kW)		input - Mfg data	0.000	0.000	0.000	0.000
50	(27)				Monthly charge per connected (Marginal kWh rate/4100/12month)	\$10.06	input Section 11.03, Rate Code 31-749	\$10.06	\$10.06	\$10.06	\$10.06
51	(28)				Monthly kWh charge		(26 * 27)	\$0.00	\$0.00	\$0.00	\$0.00
52											
53	<b>Total Monthly Fixture Cost</b>										
54											
55	(29)				Monthly Marginal Cost per fixture (excluding monthly energy)		(27)	\$19.28	\$5.14	\$6.10	\$8.41
56	(30)				Monthly kWh charge		(28)	\$0.00	\$0.00	\$0.00	\$0.00
57	(30)				Total Monthly Pole Cost		(29)				
58	(32)				Total Monthly Fixture Cost		(27) + (28)+(29)	\$19.28	\$5.14	\$6.10	\$8.41