	A	ВС		E	F	G	Н	J	L	N	P	R	Т	V	X	Z	AA	AB
1 Faci	lities ar	nd O&M Relate	d Costs															
2							LED5	LED10	LED3PT	LED5PT	LED8	LED13	LED20 FLOOD		SECURITY LIGHT (OPEN BOTTOM) LED5	FIBERGLASS STANDARDS FS18	FIBERGLASS STANDARDS FS23	ALUMINUM ALLOY STANDARDS 30'
	1)			t 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		\$901.15	
	2)	With G	eneral 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 (i	2\		F . C	i cl. Divis														
6 (,	3)		tal Investme	arrying Charge Related to	(0)	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%	6.709
	4)		oading (plan		(9)	Input - Marginal Cost Study 129 P5 Input - Marginal Cost Study T29 P5	9.49%	0.10%	9.49%	0.10%	0.10%	0.10%		9.49%	0.10%		0.10%	
	5)		nnual Carryi		(10)	(3) + (4)	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%	9.59%		6.80%	
10	-	Total	middi Carry.	Ing Change		(5) * (1)	3.3370	3.3370	3.3370	3.3370	3.3370	3.557	3.3370	3.3370	3.3370	0.0070	0.007	0.007
	6)	Annual	ized 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																		
	7)	Annual	Lighting O&	kM Expenses	,	Input-Lighting Cost workpapers	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$11.76	\$0.00	\$0.00	\$0.00	
	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	\$0.00	\$0.00	\$0.00	\$0.00
15	0)			P.L. IC.		(0 + (0)		*	*	A		A	4:	A	*	*	*	4
16 (t	9)	Distrib	ition Facilitie	es 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
18		Workin	g Capital										-				 	
	(0)	WOLKII		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
	1)		Prepayme			(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
	2)			rking Capital Allowance		(8) x 6.67%	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.89	\$0.00	\$0.00	\$0.00	
	3)		Total Wo	rking 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 (1	(4)			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 (1	(5)			nal Distribution														
25		Faciliti	s Related Co	osts		(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	M M.	t Ct 1		penses, Customer Service														
28 0&1	(6)		nd CT O&M		(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
_	7)		er Accounts		(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	
31 (1	8)			nd 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	
	9)	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
34 (2	20)	Custom	er-Related C	osts		(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																		
36	11)	Workin	g Capital	and Counties			ć0.00	ć0.00	ć0.00	¢0.00	ć0.00	ć0.00	ć0.00	ć0.00	ć0.00	ć0.00	ć0.00	¢0.00
	21)		Prepayme	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
39 (2	23)			rking Capital		(19) x 6.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	24)			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	
41							,	,	,	,	,	, , , , ,	,,,,,,,	, , , ,	, , , ,	, , , ,		,
42 (2	25)	Total A	nnual Margi	nal 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
42 (2 43 44 (2																		
44 (2				es & 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 (2 46	(7) M	Ionthly Margina	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
	ray Coo	ts Calculation p	or Fixture										-				 	
47 Ener	EV COS	as Carculation I	rixture														 	
49 (2	26) L	ighting fixture in	put (connect	red 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 (2				(Marginal KWH rate/4100/12month)	\$10.06		\$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 (2		Ionthly kWh cha				(26 * 27)	\$0.47	\$0.96	\$0.26	\$0.47	\$0.76	\$1.34	\$2.00	\$2.63	\$0.47	\$0.00	\$0.00	
52																		
53 Tota	l Mont	hly Fixture Cos	t															
54													L					
				ture (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	
56 (3		Ionthly kWh cha				(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
		otal Monthly Po otal Monthly Fix			-	(29) (27) + (28)+(29)	\$5.14 \$9.26	\$5.14 \$10.82	\$4.82 \$11.06	\$5.61 \$12.34	\$5.14 \$9.96	\$6.10 \$12.50	\$6.10 \$17.56	\$8.41 \$22.17	\$5.14 \$14.98	\$4.82	\$5.61	\$17.77
o (J	(2) I	otai Monthiy Fix	ture Cost	1	L	(41) + (40)+(49)	\$9.26	\$10.82	\$11.06	\$12.34	\$9.96	\$12.50	\$17.56	\$22.17	\$14.98	\$4.82	\$5.61	\$1/./

	Α	В	С	D	E	F	G	AC	AD	AE	AF
1	Facilities	and O&N	I Related	Costs							
2								ALUMINUM ALLOY STANDARDS40'		STANDARD POLE (LED13 & LED20 FLOOD)	STANDARD POLE (LED30 FLOOD)
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)			eral Plant L			(1) x 1.0130	\$3,279.08	\$832.40	\$998.57	\$1,398.03
5	. ,				0			1.7		,	. ,
6	(3)		Annual E	conomic Ca	arrying Charge Related to						
7			Capita	l Investmer	ıt .	(9)	Input - Marginal Cost Study T29 P5	6.70%	6.70%	6.70%	6.70%
8	(4)		A&G Loa	ding (plant	-related)	(10)	Input - Marginal Cost Study T29 P5	0.10%	0.10%	0.10%	0.10%
9	(5)		Total Ann	nual Carryii	ng Charge		(3) + (4)	6.80%	6.80%	6.80%	6.80%
10											
11	(6)		Annualize	ed Costs			(2) x (5)	\$222.90	\$56.58	\$67.88	\$95.03
12											
13	(7)				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	(6)		D:	P	D.L. 10		(0 + (0)			4	
16	(9)		Distributi	on Facilitie	s Related Costs		(6) + (8)	\$222.90	\$56.58	\$67.88	\$95.03
17			Working	Comitant							
18	(10)		working		nd Supplies		(2) x 1.20%	\$39.35	\$9.99	\$11.98	\$16.78
19 20	(11)			Prepayme			(2) x 1.20% (2) x 0.03%	\$0.98	\$0.25	\$0.30	\$0.42
21	(12)				king Capital Allowance		(8) x 6.67%	\$0.00	\$0.00	\$0.00	\$0.00
22	(13)				king Capital		(10) + (11) + (12)	\$40.33	\$10.24	\$12.28	\$17.20
23	(14)				Requirement for Working Capital		(13) x 11.20%	\$4.52	\$1.15	\$1.38	\$1.93
24	(15)		Total Ann		al Distribution		(10) 11 11 11 11	7	7	7	7-100
25	(10)			Related Co			(9) + (14)	\$227.42	\$57.73	\$69.25	\$96.96
26											
27											
28	O&M - N	1eter, Cus	tomer Acc	ounts Exp	enses, Customer Service						
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)			Accounts		(14)	Input - Marginal Cost Study T29 P5	\$2.39	\$2.39	\$2.39	\$2.39
31	(18)				d 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 Co	osts		(19)	\$3.95	\$3.95	\$3.95	\$3.95
35			*** * *	~							
36	(21)		Working		10 1			40.00	40.00	40.00	40.00
37 38	(21)			Materials Prepayme	and Supplies			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
38	(23)	-	-		nts king Capital		(19) x 6.67%	\$0.00	\$0.00	\$0.00	\$0.00
40	(24)				Requirement for Working Capital		[(21)+(22)+(23)]x11.20%	\$0.03	\$0.28	\$0.26	\$0.28
41	(-7)			.co.onue I			[() (aa) (aa)]Arria0/0	50.03	50.03	50.03	Ş0.03
42	(25)		Total Ann	ual Margir	al Customer-Related Costs		(20) + (24)	\$3.98	\$3.98	\$3.98	\$3.98
43	/							,	,	,	
44	(26)	Total Ann	ual Margi	nal Facilitie	s & Customer-Related Costs per fixture		(15) + (25)	\$231.40	\$61.71	\$73.24	\$100.94
45	(27)	Monthly 1	Marginal F	acilities &	Customer-Related Costs per lighting fixture		(26) / 12	\$19.28	\$5.14	\$6.10	\$8.41
46											
47	Energy C	osts Calcu	ılation pei	Fixture							
48											
49	(26)			it (connecte		L	input - Mfg data	0.000	0.000	0.000	0.000
50	(27)				(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 l	Wh charg	e			(26 * 27)	\$0.00	\$0.00	\$0.00	\$0.00
52	TC 4 13.7	41. 72						-			
53	1 otal Mo	nthly Fixt	ure Cost					1			
54 55	(20)	Monthl- 3	Manaina! C	oot man f	yma (avalydina monthly ananay)		(27)	¢10.30	ĆE 4.4	¢6.40	60 44
55 56	(29)				ure (excluding monthly energy)		(27)	\$19.28 \$0.00	\$5.14	\$6.10	\$8.41
56	(30)		Wh charg				(28)	\$0.00	\$0.00	\$0.00	\$0.00
58	(32)		nthly Fixtu				(27) + (28)+(29)	\$19.28	\$5.14	\$6.10	\$8.41
JU	(34)	1 Otal WIO	mary raktu	ic Cost			(41) (40) (47)	ý15.20	14.رڊ	0.10	90.41