Rate Design (Detail) - Incremental Cost Calculation
Incremental Cost

Line	Description	Amount
1	Capital Costs	
2	Rio Grande Unit 9 Capital Cost	$94,357,930
3	Levelized Fixed Charge Rate	7.390447%
4	Levelized Capital Cost	$6,973,472
5	Net Capacity	88,200
6	Levelized Cost per kW	$79.06
7	O&M Expense	
8	Levelized Cash Flow per Year	$1,755,430
9	Net Capacity	88,200
10	Levelized O&M per kW	$19.90
11	Reserve Requirements	
12	Levelized Cost per kW	$79.06
13	Levelized O&M per kW	19.90
14	Incremental Production Costs before Reserves	$98.97
15	Planning Reserves at 15%	$14.85
16	Total Incremental Cost	
17	Levelized Cost per kW	$79.06
18	Levelized O&M per kW	19.90
19	Planning Reserves at 15%	14.85
20	Total Incremental Production Costs per kW	$113.81

Rate Design (Detail) - Incremental Cost Calculation
Fixed Charge Rate

Line	Item	Constant Levelized Dollars	Percent of Capital Investment
	(a)	(b)	(c)
1	Interest on Debt	$13.33	1.332605%
2	Return on Preferred	$0.00	0.000000%
3	Return on Common	$27.22	2.721888%
4			
5	Total Return	$40.54	4.054493%
6			
7	Depreciation	$16.46	1.645618%
8			
9	Income Taxes	$4.87	0.487199%
10	Deferred Taxes	$2.74	0.274005%
11			
12	Income Taxes	$7.61	0.761204%
13			
14	Revenue Tax	$4.51	0.451356%
15	Property Tax	$4.05	0.404994%
16	Property Insurance	$0.73	0.072781%
17			
18	Other	$9.29	0.929132%
19			
20	Total Revenue Requirement	$73.90	7.390447%

Rate Design (Detail) - Incremental Cost Calculation
Development of Revenue Requirements Stream

Year No	Rate Base	Interest on Debt	Return on Preferred	Return on Common	Tax Depr	Book Depr	Deferred Tax	Taxable Income	Inc Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Req	% of Original Investment	Present Worth of Rev Req	O&M
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
	1,000 00															
1	976 25	25 85	0 00	52 80	72 19	23 75	10 17	18 72	4 19	8 09	6 39	1 15	132.39	13 24%	123 19	$1,755,430
2	952 50	25 22	0 00	51 52	66 77	23 75	9 03	22 58	5 05	7.94	6 39	1 15	130 06	13 01%	112 62	
3	928 75	24.59	0 00	50 23	61 77	23 75	7 98	26 02	5 82	7 80	6 39	1.15	127 71	12 77%	102 91	
4	905 00	23 96	0.00	48 95	57 13	23 75	7 01	29 08	6 50	7 66	6 38	1 15	125 36	12 54%	93 99	
5	881 25	23 34	0 00	47 66	52 85	23 75	6 11	31 78	7 11	7 51	6 37	1 14	122 99	12 30%	85 81	
6	857 50	22 71	0 00	46 38	48.88	23 75	5 28	34 16	7 64	7 37	6 35	1 14	120 61	12 06%	78 31	
7	833 75	22 08	0 00	45 09	45 22	23 75	4 51	36 24	8 11	7 22	6 33	1 14	118 22	11.82%	71 43	
8	810 00	21 45	0 00	43 81	44 62	23 75	4 38	35 20	7 87	7 07	6 30	1 13	115.77	11 58%	65 08	
9	786 25	20 82	0 00	42.53	44 62	23 75	4 38	33 54	7.50	6 92	6 27	1 13	113 30	11 33%	59 27	
10	762 50	20 19	0 00	41 24	44 62	23 75	4 38	31.89	7 13	6 77	6.23	1 12	110 82	11 08%	53 95	
11	738 75	19 56	0 00	39 96	44 62	23 75	4 38	30 23	6 76	6 62	6 19	1 11	108 33	10 83%	49 07	
12	715 00	18 93	0 00	38 67	44 62	23 75	4 38	28 58	6 39	6 46	6 14	1 10	105 84	10 58%	44 61	
13	691 25	18 30	0 00	37 39	44 62	23 75	4 38	26 93	6 02	6 31	6.09	1 09	103 34	10 33%	40 53	
14	667 50	17 68	0 00	36 10	44 62	23 75	4 38	25 27	5 65	6 16	6.02	1.08	100 83	10 08%	36 80	
15	643 75	17 05	0 00	34 82	44 62	23 75	4 38	23 62	5 28	6 00	5.96	1 07	98 31	9 83%	33 39	
16	620 00	16 42	0 00	33 53	44 62	23 75	4 38	21 96	4 91	5 85	5 88	1 06	95 78	9 58%	30 27	
17	596.25	15 79	0 00	32 25	44 62	23 75	4 38	20 31	4 54	5.69	5 79	1 04	93.24	9.32%	27 42	
18	572 50	15 16	0 00	30 96	44 62	23 75	4 38	18 65	4 17	5 54	5 70	1 02	90 69	9 07%	24 82	
19	548 75	14 53	0 00	29 68	44 62	23 75	4 38	17 00	3 80	5 38	5 60	1 01	88 14	8 81%	22.45	
20	525 00	13 90	0 00	28 40	9 81	23.75	-2.93	50 76	11 35	5 27	5 49	0 99	86 22	8 62%	20 43	
21	501 25	13 27	0 00	27 11	0 00	23 75	-4 99	59 09	13 22	5 12	5 38	0 97	83 83	8 38%	18 49	
22	477 50	12 64	0 00	25 83	0 00	23.75	-4 99	57 43	12 85	4 96	5 25	0 94	81 23	8 12%	16 67	
23	453 75	12 02	0 00	24 54	0 00	23 75	-4.99	55 78	12 48	4 80	5 11	0 92	78 63	7 86%	15 01	
24	430 00	11 39	0 00	23 26	0 00	23 75	-4 99	54 13	12 11	4 64	4 97	0 89	76 01	7 60%	13 51	
25	406 25	10 76	0 00	21 97	0 00	23 75	-4 99	52 47	11 74	4 48	4 81	0 86	73 39	7.34%	12 13	
26	382.50	10.13	0 00	20 69	0 00	23 75	-4 99	50.82	11 37	4 32	4 64	0 83	70 74	7 07%	10 88	
27	358 75	9 50	0 00	19 40	0 00	23 75	-4 99	49 16	11 00	4 16	4 46	0 80	68 08	6 81%	9 75	
28	335 00	8 87	0 00	18 12	0 00	23 75	-4 99	47 51	10 63	3 99	4 27	0.77	65 41	6 54%	8 71	
29	311 25	8 24	0 00	16 83	0 00	23 75	-4 99	45.85	10 26	3 83	4 07	0 73	62 72	6 27%	7 78	
30	287 50	7 61	0 00	15 55	0 00	23 75	-4 99	44 20	9 89	3 67	3 85	0 69	60 02	6 00%	6 92	
31	263 75	6 98	0 00	14 27	0 00	23 75	4.99	42.54	9 52	3 50	3 62	0 65	57 30	5 73%	6 15	
32	240 00	6 36	0 00	12.98	0 00	23 75	-4 99	40 89	9 15	3 33	3 38	0 61	54 56	5 46%	5 45	
33	216 25	5 73	0 00	11 70	0 00	23 75	-4 99	39 23	8 77	3 16	3 12	0 56	51 80	5 18%	4 82	
34	192 50	5 10	0 00	10 41	0 00	23 75	-4 99	37 58	8 40	2 99	2 85	0 51	49 03	4 90%	4 24	
35	168 75	4 47	0 00	9 13	0 00	23 75	-4 99	35 92	8 03	2 82	2 56	0 46	46 23	4 62%	3 72	
36	145 00	3 84	0 00	7 84	0 00	23 75	-4 99	34 27	7 66	2 65	2 25	0 40	43 42	4 34%	3 25	
37	121 25	3 21	0 00	6 56	0 00	23 75	-4 99	32 62	7 29	2 48	1 93	0 35	40 58	4 06%	2 83	
38	97 50	2 58	0 00	5 27	0 00	23.75	-4 99	30 96	6 92	2 30	1.59	0 29	37 72	3 77%	2 45	
39	73 75	1 95	0 00	3 99	0 00	23.75	-4 99	29 31	6 55	2 13	1 23	0 22	34 84	3 48%	2 10	
40	50 00	1 32	0 00	2 70	0 00	23 75	-4 99	27 65	6 18	1 95	0 86	0 15	31 94	3 19%	1 79	
41	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	
42	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	
43	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	
44	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	
45	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	
46	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	
47	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	
48	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	
49	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	
50	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	
51	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	
52	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	
53	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	
54	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	
55	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	
56	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	
57	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	
58	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	
59	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	
60	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	
61	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	
62	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	
63	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	
64	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	
65	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	
66	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	
67											0 00					
68																
69	Total	$543 50	$0 00	$1,110 12	$950 00	$950 00	$0 00	$1,429 94	$319 82	$204 93	$192 50	$34 59	$3,355 46		$1,333 03	
70																
71																
72	Present Worth	$227 96	$0 00	$465 61	$504 70	$281 50	$46 87	$372 62	$83 34	$77 21	$69 28	$12 45	$1,264 22	$1 26		
73																
74																
75	Levelized Pmt	$19 23	$0 00	$39 28	$42.58	$23 75	$3.95	$31 44	$7 03	$6 51	$5 84	$1 05	$106 66	$0 11		

Rate Design (Detail) - Incremental Cost Calculation

FERC Form 1, 2015/Q4 Data

$4,761,518 Total Production Expenses, Page 402, Col (c), Line No 34
3,006,088 Less Fuel, Page 402, Col (c), Line No 20
$1,755,430

$1,755,430

Name of Respondent	This Report Is	Date of Report (Mo, Da, Yr)	Year/Period of Report
El Paso Electric Company	(1) [X] An Original (2) [ ] A Resubmission	/ /	End of 2020/Q4

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1 Report data for plant in Service only 2 Large plants are steam plants with installed capacity (name plate rating) of 25 000 Kw or more Report in this page gas turbine and internal combustion plants of 10 000 Kw or more, and nuclear plants. 3 Indicate by a footnote any plant leased or operated as a joint facility 4 If net peak demand for 60 minutes is not available give data which is available, specifying period 5 If any employees attend more than one plant report on line 11 the approximate average number of employees assignable to each plant 6 If gas is used and purchased on a therm basis report the Btu content of the gas and the quantity of fuel burned converted to Mcf 7 Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20 8 If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned

Line No	Item (a)	Plant Name Rio Grande (b)			Plant Name Rio Grande Unit 9 (c)		
1	Kind of Plant (Internal Comb Gas Turb Nuclear	Steam			Gas Turbine		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor and Outdoor			Outdoor		
3	Year Originally Constructed	1929			2013		
4	Year Last Unit was Installed	1972			2013		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	266 50			131.80		
6	Net Peak Demand on Plant - MW (60 minutes)	253			86		
7	Plant Hours Connected to Load	7522			4271		
8	Net Continuous Plant Capability (Megawatts)	226			88		
9	When Not Limited by Condenser Water	238			90		
10	When Limited by Condenser Water	228			88		
11	Average Number of Employees	48			0		
12	Net Generation, Exclusive of Plant Use - KWh	600872			262149		
13	Cost of Plant: Land and Land Rights	[illegible]			0		
14	Structures and Improvements	[illegible]			[illegible]		
15	Equipment Costs	[illegible]			[illegible]		
16	Asset Retirement Costs	[illegible]			0		
17	Total Cost	[illegible]			[illegible]		
18	Cost per KW of Installed Capacity (line 17/5) Including	295.0156			756 6005		
19	Production Expenses Oper Supv & Engr	842574			437742		
20	Fuel	9802176			3006088		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	1577841			0		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	314600			0		
26	Misc Steam (or Nuclear) Power Expenses	1099846			1184		
27	Rents	0			0		
28	Allowances	0			0		
29	Maintenance Supervision and Engineering	613293			21247		
30	Maintenance of Structures	216917			1823		
31	Maintenance of Boiler (or reactor) Plant	2307591			0		
32	Maintenance of Electric Plant	1834670			1037640		
33	Maintenance of Misc Steam (or Nuclear) Plant	898275			255794		
34	Total Production Expenses	19305783			4761518		
35	Expenses per Net KWh	32 1296			16.8759		
36	Fuel Kind (Coal Gas, Oil, or Nuclear)	Gas	Oil		Gas	Oil	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Mcf	BBL		Mcf	BBL	
38	Quantity (Units) of Fuel Burned	7042800	3	0	2777022	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1028800	0	0	1027400	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	1.392	0.000	0.000	1.083	0.000	0.000
41	Average Cost of Fuel per Unit Burned	1.392	0.000	0.000	1.083	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	1.353	0.000	0.000	1.054	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.016	0.000	0.000	0.011	0.000	0.000
44	Average BTU per KWh Net Generation	12068.000	0.000	0.000	10112.000	0.000	0.000

Summary of Levelized Fixed Charge Rates

Line	Description			Fixed Charge Rate	
	(a)			(b)	(c)
1	Rio Grande Unit 9 Fixed Charge Rate			7.390447%	
2					
3			Historical	Requested	
4	Cost of Capital (Schedule K-1)	Balance	Cap %	Cap %	Cost/Rate
5	Debt	1,263,573,544	47 4892%	49.000%	5 576%
6	Preferred	0	0.0000%	0 000%	0 000%
7	Common	1,397,187,639	52.5108%	51 000%	10 300%
8	Other	0	0.0000%	0 000%	0 000%
9	Weighted Cost of Incremental Capital				7 985%
10					
11	Other Factors				
12	After Tax Cost of New Capital				7.39%
13	Incremental Tax Rate				22.36595%
14	Tax Effected Cost of Capital				10.07%
15	Property Tax Rate				0.64%
16	TX Revenue Related Tax and Uncollectible Rate				6 11%
17	Inflation Rate				2.50%
18	Property Tax Escalation Rate				2.50%
19	Production Plant Property Insurance Rate				0 11%
20	Investment Tax Credit Rate				0 00%
21	Deferred Tax Rate				21 00%
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Description	Rio Grande Unit 9
(a)	(b)
Plant Data	
Capitalized Cost	$1,000
Book Life	40
Salvage Value	5%
MACRS Life	20
Capital Structure	
Debt Ratio	47.49%
Preferred Ratio	0 00%
Common Ratio	52 51%
Other	0.00%
Cost of Capital	
Debt Cost	5 58%
Preferred Cost	0.00%
Common Cost	10.30%
Other	0 00%
Wtd Cost of Capital	8 06%
After Tax Cost of Capital	7 46%
Tax Data	
Tax Rate	22 37%
ITC Rate	0 00%
Revenue Tax Rate	6 11%
Property Tax Rate	0 64%
Property Insurance	0 11%
Deferred Tax Rate	21.00%
Misc Data	
Inflation Rate	2 50%
Property Tax Esc Rate	2 50%

Tax Depreciation Worksheet

	200% Declining Bal	200% Declining Bal	200% Declining Bal	150% Declining Bal	150% Declining Bal	Workpapers for Declining Balance Depreciation				
YEAR	Tax Depr. Rate	Tax Depr Rate	Tax Depr Rate	Tax Depr Rate	Tax Depr Rate					
0	3 Year	5 Year	10 Year	15 Year	20 Year	3 Year	5 Year	10 Year	15 Year	20 Year
1	33 33%	20.00%	10.00%	5.00%	3.75%	33.33%	20 00%	10.00%	5.00%	3 75%
2	44.44%	32.00%	18 00%	9.50%	7.22%	44.44%	32 00%	18 00%	9.50%	7.22%
3	14.81%	19 20%	14 40%	8 55%	6.68%	14.81%	19 20%	14 40%	8 55%	6.68%
4	7 41%	11 52%	11.52%	7 70%	6.18%	4 94%	11 52%	11 52%	7 70%	6.18%
5	0.00%	11 52%	9 22%	6 93%	5 71%	1 65%	6 91%	9.22%	6.93%	5.71%
6	0 00%	5.76%	7.37%	6.23%	5.28%	0.55%	4.15%	7 37%	6.23%	5 28%
7	0 00%	0 00%	6 55%	5 90%	4.89%	0.18%	2 49%	5.90%	5.61%	4.89%
8	0 00%	0.00%	6 55%	5.90%	4.52%	0 06%	1.49%	4.72%	5.05%	4.52%
9	0 00%	0.00%	6 55%	5.90%	4 46%	0 02%	0.90%	3.77%	4 54%	4 18%
10	0 00%	0.00%	6 55%	5.90%	4.46%	0 01%	0.54%	3 02%	4 09%	3.87%
11	0 00%	0.00%	3.28%	5 90%	4 46%	0 00%	0.32%	2 42%	3 68%	3.58%
12	0.00%	0 00%	0.00%	5.90%	4.46%	0.00%	0.19%	1.93%	3 31%	3.31%
13	0 00%	0 00%	0.00%	5.90%	4 46%	0 00%	0 12%	1.55%	2 98%	3 06%
14	0 00%	0.00%	0.00%	5.90%	4.46%	0 00%	0 07%	1 24%	2 68%	2 83%
15	0.00%	0.00%	0.00%	5 90%	4.46%	0.00%	0.04%	0 99%	2 41%	2 62%
16	0.00%	0.00%	0 00%	2.95%	4.46%	0 00%	0.03%	0 79%	2.17%	2 42%
17	0 00%	0.00%	0.00%	0 00%	4 46%	0.00%	0.02%	0 63%	1 96%	2 24%
18	0 00%	0.00%	0.00%	0.00%	4 46%	0.00%	0.01%	0 51%	1 76%	2.07%
19	0 00%	0.00%	0 00%	0.00%	4 46%	0.00%	0.01%	0.41%	1 58%	1.92%
20	0.00%	0.00%	0.00%	0.00%	4.46%	0.00%	0.00%	0.32%	1.43%	1 77%
21	0.00%	0.00%	0.00%	0.00%	2 23%	0 00%	0.00%	0 26%	1 28%	1 64%
22	0 00%	0.00%	0.00%	0.00%	0.00%	0 00%	0.00%	0.21%	1 15%	1.52%
23	0.00%	0.00%	0.00%	0.00%	0 00%	0.00%	0 00%	0 17%	1 04%	1 40%
24	0 00%	0 00%	0.00%	0.00%	0 00%	0.00%	0.00%	0 13%	0 94%	1 30%
25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0 00%	0.11%	0.84%	1 20%
26	0 00%	0.00%	0.00%	0.00%	0.00%	0 00%	0 00%	0 09%	0 76%	1 11%
27	0 00%	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0 07%	0 68%	1.03%
28	0.00%	0 00%	0.00%	0 00%	0.00%	0 00%	0.00%	0 05%	0.61%	0 95%
29	0 00%	0 00%	0.00%	0.00%	0 00%	0.00%	0 00%	0 04%	0 55%	0.88%
30	0 00%	0 00%	0 00%	0 00%	0.00%	0.00%	0 00%	0 03%	0.50%	0.81%
31	0 00%	0 00%	0.00%	0 00%	0.00%	0 00%	0 00%	0.03%	0.45%	0 75%
32	0 00%	0 00%	0 00%	0 00%	0.00%	0 00%	0.00%	0.02%	0 40%	0.70%
33	0.00%	0 00%	0 00%	0.00%	0.00%	0.00%	0.00%	0 02%	0.36%	0 64%
34	0 00%	0 00%	0.00%	0.00%	0.00%	0.00%	0 00%	0 01%	0 33%	0.60%
35	0.00%	0 00%	0.00%	0 00%	0.00%	0.00%	0 00%	0 01%	0.29%	0.55%
36	0.00%	0 00%	0.00%	0.00%	0 00%	0 00%	0.00%	0.01%	0 26%	0.51%
37	0 00%	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0 01%	0.24%	0.47%
38	0.00%	0 00%	0 00%	0.00%	0 00%	0 00%	0 00%	0 01%	0 21%	0 44%
39	0 00%	0 00%	0.00%	0.00%	0.00%	0.00%	0.00%	0 00%	0 19%	0.40%
40	0.00%	0 00%	0 00%	0.00%	0.00%	0 00%	0.00%	0.00%	0.17%	0 37%
41	0 00%	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0.00%	0 16%	0.35%
42	0 00%	0 00%	0.00%	0.00%	0 00%	0 00%	0 00%	0.00%	0.14%	0.32%
43	0 00%	0 00%	0 00%	0 00%	0.00%	0.00%	0.00%	0 00%	0.13%	0 30%
44	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0.00%	0 00%	0 11%	0.27%
45	0.00%	0 00%	0 00%	0.00%	0 00%	0 00%	0 00%	0.00%	0 10%	0.25%
46	0 00%	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0.00%	0 09%	0.23%
47	0 00%	0.00%	0.00%	0.00%	0 00%	0 00%	0 00%	0 00%	0 08%	0 22%
48	0 00%	0 00%	0.00%	0.00%	0 00%	0 00%	0.00%	0 00%	0 07%	0 20%
49	0.00%	0.00%	0.00%	0.00%	0 00%	0 00%	0.00%	0 00%	0.07%	0 18%
50	0.00%	0 00%	0.00%	0 00%	0.00%	0.00%	0.00%	0 00%	0 06%	0 17%
51	0 00%	0 00%	0.00%	0 00%	0 00%	0 00%	0 00%	0.00%	0 05%	0 16%
52	0 00%	0.00%	0.00%	0.00%	0 00%	0.00%	0 00%	0.00%	0 05%	0 15%
53	0 00%	0 00%	0 00%	0 00%	0 00%	0.00%	0.00%	0.00%	0.04%	0 14%
54	0 00%	0.00%	0 00%	0 00%	0 00%	0 00%	0.00%	0.00%	0 04%	0 13%
55	0.00%	0 00%	0 00%	0 00%	0 00%	0.00%	0 00%	0.00%	0 04%	0.12%
56	0 00%	0.00%	0 00%	0 00%	0 00%	0.00%	0 00%	0.00%	0.03%	0.11%
57	0 00%	0.00%	0 00%	0.00%	0 00%	0 00%	0.00%	0.00%	0.03%	0 10%
58	0 00%	0 00%	0 00%	0 00%	0 00%	0.00%	0.00%	0 00%	0.03%	0 09%
59	0 00%	0 00%	0 00%	0.00%	0 00%	0 00%	0 00%	0 00%	0 02%	0 08%
60	0.00%	0.00%	0 00%	0 00%	0.00%	0 00%	0.00%	0.00%	0.02%	0.08%
61	0.00%	0.00%	0.00%	0 00%	0.00%	0 00%	0 00%	0.00%	0 02%	0 07%
62	0.00%	0.00%	0.00%	0.00%	0.00%	0 00%	0.00%	0 00%	0 02%	0 07%
63	0 00%	0 00%	0.00%	0 00%	0 00%	0 00%	0 00%	0.00%	0.02%	0.06%
64	0.00%	0 00%	0.00%	0 00%	0.00%	0 00%	0 00%	0 00%	0.01%	0.06%
65	0.00%	0 00%	0.00%	0.00%	0 00%	0 00%	0 00%	0.00%	0.01%	0.05%
66										
67	1 000000	1 000000	1 000000	1 000000	1 000000	1 000000	1.000000	0 999999	0.998880	0 993447
68										
69	200.00%	200 00%	200 00%	200 00%	200.00%					

Calculation Of Fixed Charge Factors

Line	Description	Amount	Reference	
1	Given			
2	Requested Cost of Captial	7 985%		
3	Weighted Cost of Long Term Debt	2 648%		
4	Federal Income Tax Rate	21%	Schedule G-7 6	
5	Texas Effective State Income Tax Rate	0 7500%	Schedule G-7 6	
6	TX Public Utility Commission Fee	0 1667%	PURASec 16 001	
7	Uncollectible Rate	0 2629%		
8	TX Gross Distribution Plant ($1,000's)	$1,050,173		
9	TX Distribution Property Tax Rate	0 6387%		
10	TX Distribution O&M Expense ($1,000's)	$19,733		
11	TX Distribution Plant Accumulated Depreciation ($1,000's)	$287,838		
12	TX Distribution Depreciation Expense ($1,000's)	$23 107		
13	TX Distribution Depreciation Rate	2 2003%		
14	Calculation			
15	Requested Cost of Captial	7 9850%	Ln 15 = ln 2	
16	Less Weighted Cost of Long Term Debt	-2.6480%	Ln 16 = - ln 3	
17	Weighted Cost of Common Equity	5 3370%	Ln 17 = ln 14 + ln 15	
18	Combined Effect of TX SIT and FIT Rates	21 1587%	Ln 18 = ln 4 / (1 - ln 5)	
19	Income Tax Escalation Factor	1 26837	Ln 19 = 1 / (1 - ln 18)	
20	Pre -Tax Weighted Cost of Equity	6 7693%	Ln 20 = ln 17 X ln 19	
21	Pre -Tax Cost of Capital	9 4173%	Ln 21 = ln 3 + ln 20	
22	Revenue Related Costs	0 4296%	Ln 22 = ln 6 + ln 7	
23	Revenue Related Cost Escalator	1 004315	Ln 24 = 1 / (1 - ln 22)	
24	Fixed Charge Factor excluding Property Tax and O&M Expense	9 4579%	Ln 24 = ln 21 X ln 23	<--- For use in Lighting Rates
25	Fixed Charge Rate including Property Tax and excluding O&M Expense	10 0967%	Ln 25 = ln 9 + ln 24	
26	Distribution O&M Expense as Percent of Net Distribution Plant	2 5886%	Ln 26 = ln 10 / (ln 8 - ln 11)	<--- For use in Maintenance of Customer Owned Facility
27	Fixed Charge Rate including Property Tax and O&M Expense	12 6852%	Ln 27 = ln 25 + ln 26	
28	Fixed Charge Rate including Property Tax and O&M Expense and Depreciation Expense	14 8855%	Ln 28 = ln 27 + ln 12 / ln 8	
29	Monthly Fixed Charge to use in Facilities Charge	1 2405%	Ln 29 = ln 28 / 12	<--- For use in Rental Charge
30	Annual Fixed Charge to use in Interconnection Charge	4 7384%	Ln 30 = (ln 9 + ln 10 / ln 8 + ln 12 / ln 8) X ln 23	<--- For use in Cogen Interconnection Charge
31	Monthly Fixed Charge to use in Interconnection Charge	0 3949%	Ln 31 = ln 30 / 12	
32				
33	NOTE Use line 24 for lighting since 'Demand Revenue Requirement' already includes a property tax component Use line 29 for Rental Charge and use line 30 for Interconnection Charge			

Loss Factors.
Source: Exhibit JS-03, as filed in EPE's 2019 Texas Fuel Reconciliation, Docket No 50058. The loss factors were approved by the PUCT (see items 73-76 of the Final Order)

	Secondary	Primary	Transmission
Demand Loss Factors	1.08212	1 06265	1.02412
Energy Loss Factors	1.07850	1 05123	1.02669

Incremental Energy Transformation Loss Adjustment 1 0218253 See LINE TRANSF in second to last column of the second printscreen below.

EXHIBIT JS-2
PAGE 7 OF 50

El Paso Electric Company
2017 Analysis of System Losses

TABLE 2
Loss Factors at Sales (Metered) Level

Voltage Level of Service	w/ GSU * (a)	w/o GSU* (b)	Delivery (c)
Demand (kW)			
Transmission' (115 kV)	1 02412	1.02230	1 00000
Primary Substation (115 kV)**	1 03022	1 02932	1.00596
Transmission (69 kV)	1 02790	1 02596	1 00369
Primary Substation (69 kV)**	1 03403	1 03275	1.00967
Primary	1.06265	1 06064	1 03381
Secondary	1 08212	1.05008	1 05275
Energy (kWh)			
Transmission' (115 kV)	1.02669	1 02458	1.00000
Primary Substation (115 kV)	1 03374	1.03162	1 00687
Transmission (69 kV)	1.02916	1 02690	1 00241
Primary Substation (69 kV)	1.03623	1 03395	1.00929
Primary	1.05123	1.04892	1 02144
Secondary	1 07850	1 0762813	1 04794

Losses - Net System Input'	6 45	% MWh
	7.01	% MW
Losses Net System Output'	6.90	% MWh
	7 54	% MW

Generation Step Up Transformers
***Primary Substation Multiplier from Exhibit 8*
MW 1 00596 MWH 1 00687

An overview of the loss study is shown on Figure 1 on the next page Figure 2 simply illustrates the major components that must be considered in a loss analysis

' Reflects results from Appendix A for 345 kV - 115 kV and 69 kV
' Net system input equals firm sales plus losses. Company use less non-requirement sales and related losses. See Appendix B, Exhibit 1 for these calculations
' Net system output uses losses divided by output or sales data as a reference

Loss Factors

EL PASO ELECTRIC 2017 LOSS ANALYSIS

SUMMARY of SALES and CALCULATED LOSSES

EXHIBIT 5

LOSS # AND LEVEL	MW LOAD	NO LOAD +	LOAD =	TOT LOSS	EXP FACTOR	CUM EXP FAC	MWH LOAD	NO LOAD +	LOAD =	TOT LOSS	EXP FACTOR	CUM EXP FAC
1 BULK XFMMR	0 0	0 00	0 00	0.00	0.000000	0 000000	0	0	0	0	0	0
2 BULK LINES	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
3 TRANS1 XFMR	979 5	0 77	1 18	1 95	1.001991	0 000000	4,547 623	6 718	2 491	9 209	1 0020292	0 0000000
4 TRANS1 LINES	1 878 5	1 20	2.25	3 45	1.001838	0.479453	8.042 892	8,812	5 173	13 986	1 0017419	0 4353357
5 TRANS2TR1 SD	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
6 TRANS2BLK SD	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
7 TRANS2 LINES	0 0	0 00	0 00	0 00	0.000000	0 000000	0	5	0	5	0 0000000	0 0000000
115 kV > TOTAL TRAN	1 935 0	6 84	38 74	45 57	1 024120	1 024120	8 448 832	59 883	159 754	219,637	1 0266900	1 0266900
8 STR1BLK SD												
9 STR1T1 SD	387 2	0 39	0 61	1 01	1.002606	1 026789	1 695 936	3 432	1 674	5 106	1 0030200	1 0297906
10 SRT1T2 SD	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
11 SUBTRANS1 LINES	444 8	1 05	5 94	6 98	1 015950	1 027900	1 948 224	9 176	10,572	19.748	1 0102400	1 0291600
12 STR2T1 SD	0 0	0 00	0 00	0.00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
13 STR2T2 SD	0 0	0 00	0 00	0.00	0.000000	0 000000	0	0	0	0	0 0000003	0 0000000
14 STR2S1 SD	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
15 SUBTRANS2 LINES	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
16 STR3T1 SD	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
17 STR3T2 SD	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
18 STR3S1 SD	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
19 STR3S2 SD	0 0	0 00	0 00	0 00	0.000000	0 000000	0	0	0	0	0 0000000	0 0000000
20 SUBTRANS3 LINES	0 0	0 00	0 00	0 00	0.000000	0 000000	0	1	0	1	0 0000000	0 0000000
21 SUBTRANS TOTAL	444 8	1 05	5 94	6 98	1 015950	1 027900	1 948,224	9 176	10,572	19,748	1 0102400	1 0291600
DISTRIBUTION SUBST												
TRANS1	1 262 8	2 71	4 84	7 55	1 006015	1 030280	5 360 707	23 772	11 680	35 452	1 0066573	1 0335250
TRANS2	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
SUBTR1	416 4	1 15	1 71	2 87	1 006934	1 035027	1 767,658	10 102	4,123	14,225	1 0081129	1 0375095
SUBTR2	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
SUBTR3	0 0	0 00	0 00	0 00	0 000000	0 000000	0	0	0	0	0 0000000	0 0000000
WEIGHTED AVERAGE	1,679 2	3 87	6 55	10 42	1 006242	1 031457	7 128 365	33,874	15,804	49 678	1 0070179	1 0345131
PRIMARY INTRCHNGE	0 0				0 000000		0				0 0000000	
PRIMARY LINES	1 688 8	0 30	47 38	47 67	1 029084	1 061456	6 952 404	2,614	103,978	106,592	1 0155704	1 0508209
LINE TRANSF	1 566 8	14 25	6 49	20 74	1 013416	1 075697	6 380 483	124,832	11 023	135,854	1 0218253	1 0735509
SECONDARY	1 548 1	0 00	1 09	1 09	1 000703	1 076453	6 234 629	0	2 491	2,491	1 0004003	1 0739807
SERVICES	1 546 0	0 86	4 58	5 44	1 003534	1 080257	6 222 139	7,558	10 605	18 163	1 0029276	1 0771248
TOTAL SYSTEM		27 16	110 75	137 92				237,936	314,226	552 162		

EXHIBIT JS-2
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Time-Of-Use Data

Incremental Cost per kW at Generation $ 113.81

Jun through September On-Peak Period					
Start Month	6/1/2020	7/1/2020	8/1/2020	9/1/2020	
End Month	7/1/2020	8/1/2020	9/1/2020	10/1/2020	Total
On-Peak Days in Test Year months.	22	23	21	22	88
Days in Month	30	31	31	30	122
Hours in Month	720	744	744	720	2928

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER: RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE DATA
Rate 08 Workpaper

Cost of Service Data, as filed.

			@ Equalized ROR
	TOTAL COST OF SERVICE	$	3,078,789
1	CUSTOMER 373-STREET LIGHTS	$	1,367,456

Customer 373-Street Lights Costs	$	1,367,456
Non-Customer 373-Street Lights Costs	$	1,711,333
Annual kWH Sales		36,054,763
Non-Street Light System Cost per kWh	$	0 047465
Metered Energy Charge per kWh	$	0 048979

LEVELIZED FIXED CHARGE (RATE DESIGN WORKPAPER)		0 094579
ADJUSTED CUSTOMER COMPONENT COST		1,367,456
RATE CLASS ADJUSTED NCP (D8DIST, WP P-07)		9,067
DEMAND & ENERGY COMPONENT COSTS		1,765,942
RATE CLASS ANNUAL ENERGY AT SOURCE, KWH (E1ENERGY, WP P-07)		38,885,062
TARGET REVENUE REQUIREMENT (EXHIBIT MC-x REVENUE DISTRIBUTION)		3,133,398
BURNING HOURS		4,275
ADJUSTED SYSTEM COST PER KWH	$	0 04541
ANNUALIZED KWH OF NCO LED LAMPS ON CO POLES		237,958
ANNUAL CABLEVISION-DISTRIBUTION POLE RENTAL RATE		8.59
ESTIMATED CLEARANCE REQUIREMENT PER INSTALLATION, IN FEET		3
MONTHLY NCO LED LAMPS ON CO POLES ATTACHMENT FEE		2 15

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7· PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F. GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE DATA
Rate 09 Workpaper

Cost of Service Data, as filed

			@ Equalized ROR
	TOTAL COST OF SERVICE	$	98,620
1	CUSTOMER 373-STREET LIGHTS	$	-

Customer 373-Street Lights Costs	$	-
Non-Customer 373-Street Lights Costs	$	98,620
Annual kWH Sales		2,655,162
Non-Street Light System Cost per kWh	$	0 037143
Metered Energy Charge per kWh	$	0 037828

LEVELIZED FIXED CHARGE (RATE DESIGN WORKPAPER)		0.094579
ADJUSTED CUSTOMER COMPONENT COST		0
RATE CLASS ADJUSTED NCP (D8DIST, WP P-07)		195
DEMAND & ENERGY COMPONENT COSTS		100,440
RATE CLASS ANNUAL ENERGY AT SOURCE, KWH (E1ENERGY, WP P-07)		2,238,727
TARGET REVENUE REQUIREMENT (EXHIBIT MC-x REVENUE DISTRIBUTION)		100,440
BURNING HOURS		8,760
ADJUSTED SYSTEM COST PER KWH	$	0 04486
ANNUALIZED KWH OF METERED TRAFFIC SIGNALS		68,022
ANNUAL CUSTOMERS		312
SMALL GENERAL SERVICE CUSTOMER CHARGE		$12 23

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F. GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE DATA
Rate 28 Workpaper

Cost of Service Data, as filed

		@ Equalized ROR
TOTAL COST OF SERVICE	$	2,643,075
CUSTOMER 371-INSTALL ON CUST PREM	$	1,303,439

Customer 373-Street Lights Costs	$	1,303,439
Non-Customer 373-Street Lights Costs	$	1,339,635
Annual kWH Sales		26,829,319
Non-Street Light System Cost per kWh	$	0 049932
Metered Energy Charge per kWh	$	0 051918

LEVELIZED FIXED CHARGE (RATE DESIGN WORKPAPER)		0 094579
ADJUSTED CUSTOMER COMPONENT COST		1,303,439
RATE CLASS ADJUSTED NCP (D8DIST, WP P-07)		6,408
DEMAND & ENERGY COMPONENT COSTS		1,392,923
RATE CLASS ANNUAL ENERGY AT SOURCE, KWH (E1ENERGY, WP P-07)		28,935,421
TARGET REVENUE REQUIREMENT (EXHIBIT MC-x REVENUE DISTRIBUTION)		2,696,362
BURNING HOURS		4,275
ADJUSTED SYSTEM COST PER KWH	$	0 04814

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(a) Fixture Charge	(b) Lamp Cost	(c) Misc Cost	(d) Arm Cost	(e) Cable Cost	(f) Labor Installation	(g) Pole Hole or Base	(h) Pole Cost	(i) Breakaway Base	(j) Struct duct Install Cost	(k) Duct Cost	(l) Total Reproduction Cost	(m) TOTAL Relamp Cost
	RATE NO 08													
	MV-OH SYSTEM CO OWNED - 35' WOOD POLE (No longer install) ANY MV LUMINAIRE IS BEING REPLACED WITH A HPSV LUMINAIRE													
1	175W MV 7,000L - 195W	$ 75 56	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16	$ -	$ -	$ -	$ 1,537 05	$ 95 21
2	250W MV 11,000L - 275W	$ 91 83	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16	$ -	$ -	$ -	$ 1,553 32	$ 95 21
3	400W MV 20,000L - 460W	$ 114 92	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16	$ -	$ -	$ -	$ 1,576 41	$ 95 21
	OH - HPSV - CO OWNED - WOOD POLE													
4	100W HPS 8,500 L - 35 Ft 124 Watts	$ 110 87	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,572 36	$ 95 21
5	150W HPS 14,400 L - 35 Ft 193 Watts	$ 115 05	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,576 54	$ 95 21
6	250W HPS 23,200 L - 35 Ft 313 Watts	$ 143 94	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,605 43	$ 95 21
7	450W HPS 50,000 L - 50 Ft 485 Watts	$ 180 42	$ 9 09	$ 35 96	$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 1,058 10				$ 2,289 85	$ 95 21
	HPSV - DOWNTOWN E P AREA CO OWNED - STEEL BASE STANDARD AND LUMINAIRE													
8	450W HPS, 50,000L - OH 485 Watts	$ 180 42	$ 9 09	$ 35 96		$ 46 81	$ 642 89	$ 550 00	$ 1,200 00	$ 406 06	$ 2,000 00	$ 72 00	$ 5,143 23	$ 95 21
9	1000W MV 119,500L OH 1,102W	$ 114 92	$ 29 00	$ 35 96		$ 46 81	$ 642 89	$ 550 00	$ 1,200 00	$ 406 06	$ 2,000 00		$ 5,025 64	$ 95 21
10	1000W MV 119,500L UG 1,102W	$ 114 92	$ 29 00	$ 35 96		$ 46 81	$ 642 89	$ 550 00	$ 1,200 00	$ 406 06	$ 2,000 00	$ 72 00	$ 5,097 64	$ 95 21
	MV - OH SYSTEM - CO-OWNED STEEL POLE													
11	400W MV 20,000L - 460W	$ 114 92	$ 9 09	$ 35 96		$ 46 81	$ 642 89	$ 550 00	$ 1,200 00	$ -	$ -	$ -	$ 2,599 67	$ 95 21
12	(2) 400W MV 20,000L - 920W	$ 229 84	$ 18 18	$ 35 96		$ 46 81	$ 642 89	$ 550 00	$ 1,200 00	$ -	$ -	$ -	$ 2,723 68	$ 113 39
	MV - NON CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING													
13	250W MV 11,000L Wall 292W		$ 9 90	$ 35 96									$ 45 86	$ 487 27
14	400W MV 20,000L - 460W		$ 9 09	$ 35 96									$ 45 05	$ 487 27
15	1000W MV 60,000L 1,102W		$ 29 00	$ 35 96									$ 64 96	$ 487 27
	MV - NON CO OWNED - WOOD POLE 35'- UG OR OH RESIDENTIAL / MV LAMPS NO LONGER AVAILABLE													
16	175W MV 7,000 L - 195 Watts		$ 9 09	$ 35 96									$ 45 05	$ 93 36
	HPSV NON-CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING													
17	150W HPS 16,000 L - Wall 193 Watts	$ 115 05	$ 9 09	$ 35 96									$ 160 10	$ 487 27
18	250W HPS 23,200 L - Wall 313 Watts	$ 143 94	$ 9 09	$ 35 96									$ 188 99	$ 487 27
19	250W HPS 23,200 L - 40 Ft 313 Watts	$ 143 94	$ 9 09	$ 35 96			$ 642 89		$ 1,300 00	$ 564 41			$ 2,696 29	$ 487 27
20	400W HPS 50,000 L - 50 Ft 485 Watts	$ 180 42	$ 9 09	$ 35 96			$ 642 89		$ 1,150 00	$ 564 41			$ 2,582 77	$ 487 27
21	400W HPS 50 000 L - 150 Ft Climbing Tower Structure - 485 Watts Per Lamp	$ 180 42	$ 9 09	$ 35 96									$ 225 47	$ 487 27
22	400W HPS 50 000 L - 150 Ft Lowering Tower Structure - 485 Watts Per Lamp	$ 180 42	$ 9 09	$ 35 96									$ 225 47	$ 806 36
23	40 Ft Max Mounting Height 116 Watts		$ 6 00	$ -									$ 6 00	$ 18 00
24	150Ft Tower 116 Watts		$ 6 00	$ -									$ 6 00	$ 60 00
	HPSV NON-CO OWNED SYSTEMS LARGE ARTERIAL LIGHTING													
25	150W HPS 16,000 L - Wall 193 Watts	$ 115 05	$ 9 09	$ 35 96									$ 160 10	$ 220 15
26	250W HPS 23,200 L - Wall 313 Watts	$ 143 94	$ 9 09	$ 35 96									$ 188 99	$ 220 15
27	250W HPS 23,200 L - 40 Ft 313 Watts	$ 143 94	$ 9 09	$ 35 96			$ 642 89		$ 1,300 00	$ 564 41			$ 2,696 29	$ 220 15
28	400W HPS 50,000 L - 50 Ft 485 Watts	$ 180 42	$ 9 09	$ 35 96			$ 642 89		$ 1,150 00	$ 564 41			$ 2,582 77	$ 220 15
	HPSV - NON-CO OWNED - WOOD/STEEL POLE UG OR OH STANDARD RESIDENTIAL SERVICE													
29	100W HPS 8,500L - 124 Watts	$ 110 87	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 244 31	$ 93 36
30	150W HPS 14,400 L - 193 Watts	$ 115 05	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 248 49	$ 93 36
31	250W HPS 23,200 L - 313 Watts	$ 143 94	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 277 38	$ 93 36

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

		(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
Lamp No	Descnption	WATTS	Direct Investment	Fixed Charge	Lighting System Cost	Demand/Energy Cost	Bulb Repl Cost	Yrly Bulb Repl Cost	Yearly Cost	Monthly Cost
	RATE NO 08									
	MV- OH SYSTEM CO OWNED - 35' WOOD POLE (No longer install)									
1	175W MV 7,000L - 195W	195	$1,537 05	$145 37	$29 41	$37 86	$31 74	$3 03	$247 41	$20 62
2	250W MV 11,000L - 275W	275	1,553 32	146 91	41 48	53 39	$31 74	$3 03	$276 54	$23 05
3	400W MV 20,000L - 460W	460	1,576 41	149 10	69 38	89 31	$31 74	$3 03	$342 55	$28 55
	OH - HPSV - CO OWNED - WOOD POLE									
4	100W HPS 8,500 L - 35 Ft 124 Watts	124	1,572 36	148 71	18 70	24 07	$31 74	$3 03	$226 26	$18 85
5	150W HPS 14,400 L - 35 Ft 193 Watts	193	1,576 54	149 11	29 11	37 47	$31 74	$3 03	$250 45	$20 87
6	250W HPS 23 200 L - 35 Ft 313 Watts	313	1,605 43	151 84	47 21	60 77	$31 74	$3 03	$294 58	$24 55
7	450W HPS 50 000 L - 50 Ft 485 Watts	485	2,289 85	216 57	73 15	94 16	$31 74	$3 03	$418 65	$34 89
	HPSV - DOWNTOWN E P. AREA CO OWNED - STEEL BASE STANDARD AND LUMINAIRE									
8	450W HPS, 50,000L - OH 485 Watts	485	5 143 23	486 44	73 15	94 16	$31 74	$3 03	$688 52	$57 38
9	1000W MV 119,500L OH 1,102W	1,102	5 025 64	475 32	166 21	213 95	$31 74	$9 67	$896 88	$74 74
10	1000W MV 119,500L UG 1,102W	1,102	5,097 64	482 13	166 21	213 95	$31 74	$9 67	$903 69	$75 31
	MV- OH SYSTEM - CO-OWNED STEEL POLE									
11	400W MV 20,000L - 460W	460	2,599 67	245 87	69 38	89 31	$31 74	$3 03	$439 33	$36 61
12	(2) 400W MV 20,000L - 920W	920	2,723 68	257 60	138 76	178 61	$37 80	$6 06	$618 83	$51 57
	MV - NON CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING									
13	250W MV 11 000L Wall 292W	292	45 86	4,34	44 04	56 69	$162 42	$3 30	$270 79	$22 57
14	400W MV 20,000L - 460W	460	45 05	4 26	69 38	89 31	$162 42	$3 03	$328 40	$27 37
15	1000W MV 60,000L 1,102W	1102	64 96	6 14	166 21	213 95	$162 42	$9 67	$558 39	$46 53
	MV - NON CO OWNED - WOOD POLE 35'- UG OR OH RESIDENTIAL / -Replace Lamp Only									
16	175W MV 7,000 L - 195 Watts	195	45 05	4 26	29 41	37 86	$31 12	$3 03	$105 68	$8 81
	HPSV NON- CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING									
17	150W HPS 16,000 L - Wall 193 Watts	193	160 10	15 14	29 11	37 47	$162 42	$3 03	$247 17	$20 60
18	250W HPS 23,200 L - Wall 313 Watts	313	188 99	17 87	47 21	60 77	$162 42	$3 03	$291 30	$24 28
19	250W HPS 23,200 L - 40 Ft 313 Watts	313	2,696 29	255 01	47 21	60 77	$162 42	$3 03	$528 44	$44 04
20	400W HPS 50,000 L - 50 Ft 485 Watts	485	2,582 77	244 28	73 15	94 16	$162 42	$3 03	$577 04	$48 09
21	400W HPS 50 000 L - 150 Ft Climbing Tower Structure - 485 Watts Per Lamp	485	225 47	21 32	73 15	94 16	$162 42	$3 03	$354 09	$29 51
22	400W HPS 50 000 L - 150 Ft Lowering Tower Structure - 485 Watts Per Lamp	485	225 47	21 32	73 15	94 16	$268 79	$3 03	$460 45	$38 37
23	40 Ft Max Mounting Height 116 Watts	116	6 00	0 57	17.50	22 52	$6 00	$2 00	$48.58	$4 05
24	150 Ft Tower 116 Watts	116	6 00	0 57	17 50	22 52	$20 00	$2 00	$82 58	$5 22
	HPSV NON- CO OWNED SYSTEMS LARGE ARTERIAL LIGHTING									
25	150W HPS 16,000 L - Wall 193 Watts	193	160 10	15 14	29.11	37 47	$73 38	$3 03	$158 13	$13 18
26	250W HPS 23,200 L - Wall 313 Watts	313	188 99	17 87	47 21	60 77	$73 38	$3 03	$202 26	$16 86
27	250W HPS 23,200 L - 40 Ft 313 Watts	313	2 696 29	255 01	47 21	60 77	$73 38	$3 03	$439 40	$36 62
28	400W HPS 50,000 L - 50 Ft 485 Watts	485	2,582 77	244 28	73 15	94 16	$73 38	$3 03	$488 00	$40 67
	HPSV - NON-CO OWNED - WOOD/STEEL POLE UG OR OH STANDARD RESIDENTIAL SERVICE									
29	100W HPS 8 500L - 124 Watts	124	244 31	23 11	18 70	24 07	$31 12	$3 03	$100 03	$8 34
30	150W HPS 14,400 L - 193 Watts	193	248 49	23 50	29 11	37 47	$31 12	$3 03	$124 23	$10 35
31	250W HPS 23,200 L - 313 Watts	313	277 38	26 23	47 21	60 77	$31 12	$3 03	$168 36	$14 03

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(w) Active Lamps	(x) Yearly Costs	(y) Monthly Cost	(z) Reproduction Cost Revenue Requirement	(aa) Scaled Unit Rate	(ab) At Scaled Estimated Revenues	(ac) Current Rate	(ad) Present Revenues	(ae) Percent Change	(af) 100 000% Target Calculated Rate	(ag) Target Revenues	(ah) Target Percent Change	(ai) Adjusted Proposed Rate	(aj) Rate Design Revenues	(ah) Proposed Percent Change	(ak) Manual Adj
	RATE NO 08																
	MV-OH SYSTEM CO OWNED - 35' WOOD POLE (No longer install)																
1	175W MV 7,000L - 195W	328	$247 41	$20 62	$81,150	11 00	$43,298	16 88	$66,440	(0 35)	16 88	$66,440	-	$12 57	$49,476	-25 53%	-
2	250W MV 11,000L - 275W	188	276 54	$23 05	$51,990	12 30	$27,749	19 28	$43,496	(0 36)	19 28	$43,496	-	$14 35	$32,374	-25 57%	-
3	400W MV 20,000L - 460W	20	342 55	$28 55	$6,851	15 24	$3,658	24 77	$5,945	(0 38)	24 77	$5,945	-	$18 44	$4 426	-25 56%	-
	OH - HPSV - CO OWNED - WOOD POLE																
4	100W HPS 8,500 L - 35 Ft 124 Watts	1,211	226 26	$18 85	$273 995	10 06	$146,192	16 03	$232,948	(0 37)	16 03	$232,948	-	$11 93	$173,367	-25 58%	-
5	150W HPS 14,400 L - 35 Ft. 193 Watts	685	250 45	$20 87	$171,561	11 14	$91,571	17 40	$143,028	(0 36)	17 40	$143,028	-	$12 95	$106,449	-25 57%	-
6	250W HPS 23,200 L - 35 Ft. 313 Watts	433	294 58	$24 55	$127,554	13 10	$68,068	20 42	$106,102	(0 36)	20 42	$106,102	-	$15 20	$78,979	-25 56%	-
7	450W HPS 50,000 L - 50 Ft 485 Watts	140	418 65	$34 89	$58,611	18 62	$31,282	29 36	$49,325	(0 37)	29 36	$49,325	-	$21 86	$36,725	-25 54%	-
	HPSV - DOWNTOWN E P AREA CO OWNED - STEEL BASE STANDARD AND LUMINAIRE																
8	450W HPS, 50,000L - OH 485 Watts	84	688 52	$57 38	$57,836	30 62	$30,865	50 65	$51,055	(0 40)	50 65	$51,055	-	$37 70	$38,002	-25 57%	-
9	1000W MV 119,500L OH 1,102W	2	896 88	$74 74	$1,794	39 89	$957	58 01	$1,392	(0 31)	58 01	$1,392	-	$43 18	$1,036	-25 56%	-
10	1000W MV 119,500L UG 1,102W	7	903 69	$75 31	$6,326	40 19	$3,376	94 69	$7,954	(0 58)	94 69	$7,954	-	$70 49	$5,921	-25 56%	-
	MV- OH SYSTEM - CO-OWNED STEEL POLE																
11	400W MV 20,000L - 460W	71	439 33	$36 61	$31,192	19 54	$16,648	35 43	$30,186	(0 45)	35 43	$30,186	-	$26 37	$22,467	-25 57%	-
12	(2) 400W MV 20,000L - 920W	9	618 83	$51 57	$5,569	27 52	$2,972	49 75	$5,373	(0 45)	49 75	$5,373	-	$37 03	$3,999	-25 57%	-
	MV - NON CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING																
13	250W MV 11,000L Wall 292W	22	270 79	$22 57	$5,957	12 04	$3 179	10 34	$2,730	0 16	12 04	$3,179	0 16	$8 96	$2,365	-13 35%	-
14	400W MV 20,000L - 460W	14	328 40	$27 37	$4,598	14 61	$2,454	14 24	$2,392	0 03	14 61	$2,454	0 03	$10 88	$1,828	-23 60%	-
15	1000W MV 60,000L 1,102W	0	558 39	$46 53	$0	24 83	$0	0 00	$0	-	24 83	$0	-	$18 48	$0	0 00%	
	MV - NON CO OWNED - WOOD POLE 35'- UG OR OH RESIDENTIAL / -Replace Lamp Only																
16	175W MV 7,000 L - 195 Watts	5	105 68	$8 81	$528	4 70	$282	7 86	$472	(0 40)	7 86	$472	-	$5 85	$351	-25 57%	-
	HPSV NON-CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING																
17	150W HPS 16,000 L - Wall 193 Watts	575	247 17	$20 60	$142,125	10 99	$75,831	8 25	$56,925	0 33	10 99	$75,831	0 33	$8 18	$56,442	-0 85%	-
18	250W HPS 23,200 L - Wall 313 Watts	94	291 30	$24 28	$27,382	12 96	$14,619	11 11	$12,532	0 17	12 96	$14,619	0 17	$9 65	$10,885	-13 14%	-
19	250W HPS 23,200 L - 40 Ft. 313 Watts	0	528 44	$44 04	$0	23 50	$0	0 00	$0	-	23 50	$0	-	$17 49	$0	0 00%	-
20	400W HPS 50,000 L - 50 Ft 485 Watts	1 950	577 04	$48 09	$1,125,227	25 66	$600,444	15 23	$356,382	0 68	25 66	$600,444	0 68	$19 10	$446,940	25 41%	-
21	400W HPS 50,000 L - 150 Ft Climbing	102	354 09	$29 51	$36,117	15 75	$19,278	16 11	$19,719	(0 02)	16 11	$19,719	-	$11 99	$14,676	-25 57%	-
	Tower Structure - 485 Watts Per Lamp																
22	400W HPS 50,000 L - 150 Ft Lowering	0	460 45	$38 37	$0	20 48	$0	15 11	$0	0 36	20 48	$0	0 36	$15 25	$0	0 93%	-
	Tower Structure - 485 Watts Per Lamp																
23	40 Ft Max Mounting Height 116 Watts	6	48 58	$4 05	$292	2 16	$156	4 73	$341	(0 54)	4 73	$341	-	$3 52	$253	-25 58%	-
24	150 Ft. Tower 116 Watts	3	62 58	$5 22	$188	2 79	$100	5 66	$204	(0 51)	5 66	$204	-	$4 21	$152	-25 62%	-
	HPSV NON-CO OWNED SYSTEMS LARGE ARTERIAL LIGHTING																
25	150W HPS 16,000 L - Wall 193 Watts	0	158 13	$13 18	$0	7 03	$0	0 00	$0	-	7 03	$0	-	$5 23	$0	0 00%	-
26	250W HPS 23,200 L - Wall 313 Watts	0	202 28	$16 86	$0	9 00	$0	0 00	$0	-	9 00	$0	-	$6 70	$0	0 00%	-
27	250W HPS 23,200 L - 40 Ft 313 Watts	384	439 40	$36 62	$168,730	19 54	$90,040	12 07	$55,619	0 62	19 54	$90,040	0 62	$14 55	$67,046	20 55%	-
28	400W HPS 50,000 L - 50 Ft 485 Watts	636	488 00	$40 67	$310,368	21 70	$165,614	17 37	$132,568	0 25	21 70	$165,614	0 25	$16 15	$123,257	-7 02%	-
	HPSV - NON-CO OWNED - WOOD/STEEL POLE UG OR OH STANDARD RESIDENTIAL SERVICE																
29	100W HPS 8,500L - 124 Watts	4,844	100 03	$8 34	$484,559	4 45	$258,670	5 83	$338,886	(0 24)	5 83	$338 886	-	$4 34	$252,276	-25 56%	-
30	150W HPS 14,400 L - 193 Watts	0	124 23	$10 35	$0	5 52	$0	7 31	$0	(0 24)	7 31	$0	-	$5 44	$0	-25 58%	-
31	250W HPS 23,200 L - 313 Watts	1,897	168 36	$14 03	$319,378	7 49	$170,502	11 21	$255,184	(0 33)	11 21	$255,184	-	$8 34	$189,852	-25 60%	-

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(a) Fixture Charge	(b) Lamp Cost	(c) Misc Cost	(d) Arm Cost	(e) Cable Cost	(f) Labor Installation	(g) Pole Hole or Base	(h) Pole Cost	(i) Breakway Base	(j) Struct duct Install Cost	(k) Duct Cost	(l) Total Reproduction Cost	(m) Relamp Cost
	RATE NO 06 Continued													
	HPS V - OH - NON-CO OWNED FIXTURE - CO OWNED EXISTING WOOD POLE (DISTRIBUTION OR STREET LIGHT) CF or D													
32	100W HPS 8 500L - 124 Watts	$ 110 87	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 244 31	$ 112 42
33	150W HPS 14,400 L - 193 Watts	$ 115 05	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 248 49	$ 112 42
34	250W HPS 23,200 L - 313 Watts	$ 143 94	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 277 38	$ 112 42
35	(2) 250W HPS 23,200 L - 626 Watts	$ 287 88	$ 9 09	$ 35 96	$ 83 16	$ 46 81							$ 462 90	$ 122 16
36	450W HPS 50,000 L - 485 Watts	$ 180 42	$ 9 09	$ 35 96	$ 41 58	$ 46 81							$ 313 86	$ 112 42
	ORNAMENTAL HPSV - NON-CO OWNED OPERATED & MAINTAINED (ENERGY ONLY)													
37	70W HPS - 82 Watt												$ -	
38	150W HPS - 193 Watt												$ -	
39	175W MH - 210 Watt												$ -	
40	250W MH - 295 Watt												$ -	
	HPS ROADWAY ILLUMINATION NON-COMPANY OWNED (ENERGY ONLY)													
41	100W HPS - 124 Watt												$ -	
42	150W HPS - 193 Watt												$ -	
43	250W HPS - 313 Watt												$ -	
44	400W HPS - 485 Watt												$ -	
	MV TO LED - OH SYSTEM CO OWNED - 35' WOOD POLE													
45	175W MV 7,000L - 65W				$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,416 44	$ 93 36
46	250W MV 11,000L - 100W				$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,416 44	$ 93 36
47	400W MV 20,000L - 100W				$ 41 58	$ 46 81	$ 642 89	$ 275 00	$ 410 16				$ 1,416 44	$ 93 36
	LED- OH - EXISTING WOOD/STEEL POLE STANDARD RESIDENTIAL COMPANY OWNED													
48	65W LED 8,500L OH Existing- 35 ft 65 Watt				$ 41 58	$ 46 81	$ 508 69		$ 410 16				$ 1,007 24	
49	95W LED 14,400L OH Existing- 35 ft 95 Watt				$ 41 58	$ 46 81	$ 508 69		$ 410 16				$ 1,007 24	
50	125W LED 23,000L OH Existing- 35 ft 116 Watt				$ 41 58	$ 46 81	$ 508 69		$ 410 16				$ 1,007 24	
51	400W LED 50,000L OH Existing- 50 ft 159 Watt				$ 41 58	$ 46 81	$ 508 69		$ 410 16				$ 1,007 24	
	LIGHT-EMITTING DIODE ("LED") - ENERGY ONLY													
52	New 1W-20W LED												$ -	
53	21W-30W LED												$ -	
54	31W-40W LED												$ -	
55	41W-50W LED												$ -	
56	51W-60W LED												$ -	
57	61W-70W LED												$ -	
58	71W-80W LED												$ -	
59	81W-90W LED												$ -	
60	91W-100W LED												$ -	
61	101W-110W LED												$ -	
62	111W-130W LED												$ -	
63	131W-150W LED												$ -	
64	151W-170W LED												$ -	
65	171W-190W LED												$ -	
66	191W-210W LED												$ -	
67	211W-230W LED												$ -	
68	231W-250W LED												$ -	
69	251W-270W LED												$ -	
70	New 271W-300W LED												$ -	
71	New 301W-330W LED												$ -	
72	New 331W-360W LED												$ -	
73	New 361W-390W LED												$ -	
74	New 391W-420W LED												$ -	
75	New 421W-450W LED												$ -	
76	New 451W-480W LED												$ -	
77	New 481W-510W LED												$ -	
78	New 511W-540W LED												$ -	
79	New 541W-570W LED												$ -	
80	Pole Attachments												$ -	

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31 2020

LAMP COST OF SERVICE

Lamp No	Description	(n) WATTS	(o) Direct Investment	(p) Fixed Charge	(q) Lighting System Cost	(r) Demand/Energy Cost	(s) Bulb Repl Cost	(t) Yrly Bulb Repl Cost	(u) Yearly Cost	(v) Monthly Cost
	RATE NO 08 Continued									
	HPSV - OH - NON-CO OWNED FIXTURE - CO OWNED EXISTING WOOD POLE (DISTRIBUTION OR STREET LIGHT) CF or D									
32	100W HPS 8,500L - 124 Watts	124	244 31	23 11	18 70	24 07	$37 47	$3 03	$106 39	$8 87
33	150W HPS 14,400 L - 193 Watts	193	248 49	23 50	29 11	37 47	$37 47	$3 03	$130 58	$10 88
34	250W HPS 23,200 L - 313 Watts	313	277 38	26 23	47 21	60 77	$37 47	$3 03	$174 71	$14 56
35	(2) 250W HPS 23,200 L - 626 Watts	626	462 90	43 78	94 41	121 54	$40 72	$3 03	$303 48	$25 29
36	450W HPS 50 000 L - 485 Watts	485	313 86	29 68	73 15	94 16	$37 47	$3 03	$237 50	$19 79
	ORNAMENTAL HPSV - NON-CO OWNED, OPERATED & MAINTAINED (ENERGY ONLY)									
37	70W HPS - 82 Watt	82	0 00	0 00	12 37	15 92	$0 00	$0 00	$28 29	$2 36
38	150W HPS - 193 Watt	193	0 00	0 00	29 11	37 47	$0 00	$0 00	$66 58	$5 55
39	175W MH - 210 Watt	210	0 00	0 00	31 67	40 77	$0 00	$0 00	$72 44	$6 04
40	250W MH - 295 Watt	295	0 00	0 00	44 49	57 27	$0 00	$0 00	$101 77	$8 48
	HPS ROADWAY ILLUMINATION NON-COMPANY OWNED (ENERGY ONLY)									
41	100W HPS - 124 Watt	124	0 00	0 00	18 70	24 07	$0 00	$0 00	$42.78	$3 56
42	150W HPS - 193 Watt	193	0 00	0 00	29 11	37 47	$0 00	$0 00	$66 58	$5 55
43	250W HPS - 313 Watt	313	0 00	0 00	47 21	60 77	$0 00	$0 00	$107 98	$9 00
44	400W HPS - 485 Watt	485	0 00	0 00	73 15	94 16	$0 00	$0 00	$167 31	$13 94
	MV TO LED - OH SYSTEM CO OWNED - 35' WOOD POLE									
45	175WMV 7,000L - 65W	65	$1,416 44	$133 97	$9 80	12 62	$31 12	$0 00	$187 51	$15 63
46	250W MV 11,000L - 100W	100	1,416 44	133 97	15 08	19 41	$31 12	$0 00	$199 58	$16 63
47	400W MV 20 000L - 100W	100	1 416 44	133 97	15 08	19 41	$31 12	$0 00	$199 58	$16 63
	LED- OH - EXISTING WOOD/STEEL POLE STANDARD RESIDENTIAL COMPANY OWNED (ENERGY ONLY)									
48	65W LED 8,500L OH Existing- 35 ft 65 Watt	65	1,007 24	95 26	9 80	12 62	$0 00	$0 00	$117 69	$9 81
49	95W LED 14,400L OH Existing- 35 ft 95 Watt	95	1,007 24	95 26	14 33	18 44	$0 00	$0 00	$128 04	$10 67
50	125W LED 23,000L OH Existing- 35 ft 116 Watt	116	1,007 24	95 26	17 50	22 52	$0 00	$0 00	$135 28	$11 27
51	400W LED 50,000L OH Existing- 50 ft 159 Watt	159	1,007 24	95 26	23 98	30 87	$0 00	$0 00	$150 11	$12 51
	LIGHT-EMITTING DIODE ("LED") - ENERGY ONLY									
52	1W-20W LED	10	0 00	0 00	1 51	1 94	$0 00	$0 00	$3 45	$0 29
53	21W-30W LED	25	0 00	0 00	3 77	4 85	$0 00	$0 00	$8 62	$0 72
54	31W-40W LED	35	0 00	0 00	5 28	6 80	$0 00	$0 00	$12 07	$1 01
55	41W-50W LED	45	0 00	0 00	6 79	8 74	$0 00	$0 00	$15 52	$1 29
56	51W-60W LED	55	0 00	0 00	8 30	10 68	$0 00	$0 00	$18 97	$1 58
57	61W-70W LED	65	0 00	0 00	9 80	12 62	$0 00	$0 00	$22 42	$1 87
58	71W-80W LED	75	0 00	0 00	11 31	14 56	$0 00	$0 00	$25 87	$2 16
59	81W-90W LED	85	0 00	0 00	12 82	16 50	$0 00	$0 00	$29 32	$2 44
60	91W-100W LED	95	0 00	0 00	14 33	18 44	$0 00	$0 00	$32 77	$2 73
61	101W-110W LED	105	0 00	0 00	15 84	20 39	$0 00	$0 00	$36 22	$3 02
62	111W-130W LED	120	0 00	0 00	18 10	23 30	$0 00	$0 00	$41 40	$3 45
63	131W-150W LED	140	0 00	0 00	21 12	27 18	$0 00	$0 00	$48 30	$4 02
64	151W-170W LED	160	0 00	0 00	24 13	31 06	$0 00	$0 00	$55 19	$4 60
65	171W-190W LED	180	0 00	0 00	27 15	34 95	$0 00	$0 00	$62 09	$5 17
66	191W-210W LED	200	0 00	0 00	30 16	38 83	$0 00	$0 00	$68 99	$5 75
67	211W-230W LED	220	0 00	0 00	33 18	42 71	$0 00	$0 00	$75 89	$6 32
68	231W-250W LED	240	0 00	0 00	36 20	46 60	$0 00	$0 00	$82 79	$6 90
69	251W-270W LED	260	0 00	0 00	39 21	50 48	$0 00	$0 00	$89 69	$7 47
70	271W-300W LED	285	0 00	0 00	42 98	55 33	$0 00	$0.00	$98 32	$8 19
71	301W-330W LED	315	0 00	0 00	47 51	61 16	$0 00	$0 00	$108 67	$9 06
72	331W-360W LED	345	0 00	0 00	52 03	66 98	$0 00	$0 00	$119 01	$9 92
73	361W-390W LED	375	0 00	0 00	56 56	72 80	$0 00	$0 00	$129 36	$10 78
74	391W-420W LED	405	0 00	0 00	61 08	78 63	$0 00	$0 00	$139 71	$11 64
75	421W-450W LED	435	0 00	0 00	65 61	84 45	$0 00	$0 00	$150 06	$12 51
76	451W-480W LED	465	0 00	0 00	70 13	90 28	$0 00	$0 00	$160 41	$13 37
77	481W-510W LED	495	0 00	0 00	74 66	96 10	$0 00	$0 00	$170 76	$14 23
78	511W-540W LED	525	0 00	0 00	79 18	101 93	$0 00	$0 00	$181 11	$15 09
79	541W-570W LED	555	0 00	0 00	83 71	107 75	$0 00	$0 00	$191 46	$15 95
80	Pole Attachments									

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(w) Active Lamps	(x) Yearly Costs	(y) Monthly Cost	(z) Reproduction Cost Revenue Requirement	(aa) Scaled Calculated Rate	(ab) At Scaled Estimated Revenues	(ac) Current Rate	(ad) Present Revenues	(ae) Percent Change	(af) 100 000% Target Calculated Rate	(ag) Target Revenues	(ah) Target Percent Change	(ai) Adjusted Proposed Rate	(aj) Rate Design Revenues	(ah) Target Percent Change	(ak) Manual Adj
	RATE NO 08 Continued																
	HPSV - OH - NON-CO OWNED FIXTURE - CO OWNED EXISTING WOOD POLE (DISTRIBUTION OR STREET LIGHT) CF or D																
32	100W HPS 8,500L - 124 Watts	2,668	106 39	$8 87	$283,838	4 73	$151,436	7 87	$251 966	(0 40)	7 87	$251,966	-	$5 86	$187,614	-25 54%	-
33	150W HPS 14,400 L - 193 Watts	2,499	130 58	$10 88	$326,330	5 81	$174,230	9 51	$285,186	(0 39)	9 51	$285,186	-	$7 08	$212,315	-25 55%	-
34	250W HPS 23 200 L - 313 Watts	888	174 71	$14 56	$155,145	7 77	$82,797	12 08	$128,724	(0 36)	12 08	$128 724	-	$8 99	$95,797	-25 58%	-
35	(2) 250W HPS 23,200 L - 626 Watts	11	303 48	$25 29	$3,338	13 50	$1,782	21 47	$2,834	(0 37)	21 47	$2,834	-	$15 98	$2,109	-25 57%	-
36	450W HPS 50,000 L - 485 Watts	52	237 50	$19 79	$12,350	10 56	$6,589	16 58	$10,346	(0 36)	16 58	$10,346	-	$12 34	$7,700	-25 57%	-
	ORNAMENTAL HPSV - NON-CO OWNED, OPERATED & MAINTAINED (ENERGY ONLY)																
37	70W HPS - 82 Watt	0	28 29	$2 36	$0	1 26	$0	0 00	$0	-	1 26	$0	-	$0 94	$0	0 00%	-
38	150W HPS - 193 Watt	0	66 58	$5 55	$0	2 96	$0	0 00	$0	-	2 96	$0	-	$2 20	$0	0 00%	-
39	175W MH - 210 Watt	489	72 44	$6 04	$35,425	3 22	$18,895	3 90	$22,885	(0 17)	3 90	$22,885	-	$2 90	$17,017	-25 64%	-
40	250W MH - 295 Watt	21	101 77	$8 48	$2,137	4 53	$1,142	4 64	$1,169	(0 02)	4 64	$1,169	-	$3 45	$869	-25 65%	-
	HPS ROADWAY ILLUMINATION NON-COMPANY OWNED (ENERGY ONLY)																
41	100W HPS - 124 Watt	246	42 78	$3 56	$10,523	1 90	$5,609	2 41	$7,114	(0 21)	2 41	$7,114	-	$1 79	$5,284	-25 73%	-
42	150W HPS - 193 Watt	114	66 58	$5 55	$7,590	2 96	$4,049	3 74	$5,116	(0 21)	3 74	$5,116	-	$2 78	$3,803	-25 67%	-
43	250W HPS - 313 Watt	1,526	107 98	$9 00	$164,770	4 80	$87,898	5 98	$109,506	(0 20)	5 98	$109,506	-	$4 45	$81,488	-25 59%	-
44	400W HPS - 485 Watt	2,553	167 31	$13 94	$427,142	7 44	$227,932	14,28	$437,482	(0 48)	14 28	$437,482	-	$10 63	$325,661	-25 56%	-
	MV TO LED - OH SYSTEM CO OWNED - 35' WOOD POLE																
45	175W MV 7,000L - 65W	1,371	$187 51	$15 63	$257,075	8 34	$137,210	13 07	$215,028	(0 36)	13 07	$215,028	-	$9 73	$160,078	-25 55%	-
46	250W MV 11,000L - 100W	84	199 58	$16 63	$12,773	8 87	$6,812	16 34	$12,549	(0 46)	16 34	$12,549	-	$12 16	$9,339	-25 58%	-
47	400W MV 20,000L - 100W	55	199 58	$16 63	$10,977	8 87	$5,854	19 38	$12,791	(0 54)	19 38	$12,791	-	$14 43	$9,524	-25 54%	-
	LED- OH - EXISTING WOOD/STEEL POLE STANDARD RESIDENTIAL COMPANY OWNED (ENERGY ONLY)																
48	65W LED 8,500L OH Existing- 35 ft 65 Watt	122	117 69	$9 81	$14,358	5 24	$7,671	12 77	$18,695	(0 59)	12 77	$18,695	-	$9 51	$13,923	-25 53%	-
49	95W LED 14,400L OH Existing- 35 ft 95 Wa	0	128 04	$10 67	$0	5 69	$0	14 57	$0	(0 61)	14 57	$0	-	$10 85	$0	-25 53%	-
50	125W LED 23,000L OH Existing- 35 ft 116 \	34	135 28	$11 27	$4,600	6 01	$2,452	17 44	$7,116	(0 66)	17 44	$7 116	-	$12 98	$5,296	-25 57%	-
51	400W LED 50,000L OH Existing- 50 ft 159 \	0	150 11	$12 51	$0	6 68	$0	25 27	$0	(0 74)	25 27	$0	-	$18 81	$0	-25 56%	-
	LIGHT-EMITTING DIODE ("LED") - ENERGY ONLY																
52	1W-20W LED	0	3 45	$0 29	$0	0 15	$0	0 00	$0	-	0 16	$0	-	$0 12	$0	0 00%	-
53	21W-30W LED	24	8 62	$0 72	$207	0 38	$109	0 70	$202	(0 46)	0 40	$115	(0 43)	$0 44	$127	-37 14%	0 14
54	31W-40W LED	7,487	12 07	$1 01	$90 397	0 54	$48,516	0 68	$61,094	(0 21)	0 56	$50,313	(0 18)	$0 42	$37,734	-38 24%	-
55	41W-50W LED	135	15 52	$1 29	$2,096	0 69	$1,118	0 87	$1,409	(0 21)	0 73	$1,183	(0 16)	$0 54	$875	-37 93%	-
56	51W-60W LED	10	18 97	$1 58	$190	0 84	$101	1 08	$130	(0 22)	0 89	$107	(0 18)	$0 66	$79	-38 89%	-
57	61W-70W LED	2,400	22 42	$1 87	$53,815	1 00	$28,800	1 27	$36,576	(0 21)	1 05	$30,240	(0 17)	$0 78	$22,464	-38 58%	-
58	71W-80W LED	73	25 87	$2 16	$1,889	1 15	$1,007	1 47	$1,288	(0 22)	1 21	$1,060	(0 18)	$0 90	$788	-38 78%	-
59	81W-90WLED	15	29 32	$2 44	$440	1 30	$234	1 66	$299	(0 22)	1 37	$247	(0 17)	$1 02	$184	-38 55%	-
60	91W-100W LED	1,230	32 77	$2 73	$40,310	1 46	$21,550	1 88	$27,749	(0 22)	1 53	$22,583	(0 19)	$1 14	$16,826	-39 36%	-
61	101W-110W LED	2,489	36 22	$3 02	$90,156	1 61	$48,087	1 99	$59,437	(0 19)	1 69	$50,477	(0.15)	$1 26	$37,634	-36 68%	-
62	111W-130W LED	2,091	41 40	$3 45	$86,560	1 84	$46,169	2.24	$56,206	(0 18)	1 94	$48,678	(0 13)	$1 44	$36,132	-35 71%	-
63	131W-150W LED	684	48 30	$4 02	$32,068	2 15	$17,131	2.64	$21,036	(0 19)	2 26	$18,008	(0 14)	$1 68	$13,386	-36 36%	-
64	151W-170W LED	1,146	55 19	$4 60	$63,253	2 45	$33,692	3 13	$43,044	(0 22)	2 58	$35 480	(0.18)	$1 92	$26,404	-38 66%	-
65	171W-190W LED	138	62 09	$5 17	$8,569	2 76	$4,571	3 52	$5 829	(0 22)	2 90	$4 802	(0 18)	$2 16	$3,577	-38 64%	-
66	191W-210W LED	0	68 99	$5 75	$0	3 07	$0	3 91	$0	(0 21)	3 23	$0	(0 17)	$2 40	$0	-38 62%	-
67	211W-230W LED	192	75 89	$6 32	$14,571	3 37	$7,764	4 33	$9,976	(0 22)	3 55	$8,179	(0 18)	$2 64	$6,083	-39 03%	-
68	231W-250W LED	161	82.79	$6 90	$13,330	3 68	$7,110	4 72	$9,119	(0 22)	3 87	$7,477	(0 18)	$2 88	$5,564	-38 98%	-
69	251W-270W LED	1,332	89 69	$7 47	$119,470	3 99	$63,776	5 13	$81,960	(0 22)	4 19	$66,973	(0 18)	$3 12	$49,870	-39 15%	-
70	271W-300W LED	0	98 32	$8 19	$0	4 37	$0	0.00	$0	-	4 60	$0	-	$3 42	$0	0.00%	-
71	301W-330W LED	0	108 67	$9 06	$0	4 83	$0	0 00	$0	-	5 08	$0	-	$3 78	$0	0.00%	-
72	331W-360W LED	0	119 01	$9 92	$0	5 29	$0	0 00	$0	-	5 56	$0	-	$4 14	$0	0 00%	-
73	361W-390W LED	0	129 36	$10 78	$0	5 75	$0	0 00	$0	-	6 05	$0	-	$4 50	$0	0.00%	-
74	391W-420W LED	0	139 71	$11 64	$0	6 21	$0	0 00	$0	-	6 53	$0	-	$4 86	$0	0 00%	-
75	421W-450W LED	0	150 06	$12 51	$0	6 68	$0	0 00	$0	-	7.02	$0	-	$5 22	$0	0 00%	-
76	451W-480W LED	0	160 41	$13 37	$0	7 14	$0	0 00	$0	-	7 50	$0	-	$5 58	$0	0 00%	-
77	481W-510W LED	0	170 76	$14 23	$0	7 59	$0	0 00	$0	-	7 98	$0	-	$5 94	$0	0 00%	-
78	511W-540W LED	0	181 11	$15 09	$0	8 05	$0	0 00	$0	-	8 47	$0	-	$6 30	$0	0.00%	-
79	541W-570W LED	0	191 46	$15 95	$0	8 51	$0	0 00	$0	-	8 95	$0	-	$6 66	$0	0 00%	-
	Energy	237,958		0 04746	$11,295	0 02533	$6,027	0 04527	$10,772	(0 44)	0 04527	$10,772	-	$0 03370	$8,019	-25 56%	
80	Pole Attachments	569	25 80	$2 15	$14,680	1 15	$7,852	2 11	$14,407	(0 455)	2 11	$14,407	-	$1.57	$10,720	-25 59%	
					$5,871,544		$3,133,776		$3,946,236			$4,209,839			$3,133,827	-20 59%	
					$3,133,398		$3,119,897		-$812,460			-$1,076,441			-$429		

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(a) Fixture Charge	(b) Lamp Cost	(c) Misc Cost	(d) Arm Cost	(e) Cable Cost	(f) Labor Installation	(g) Pole Hole or Base	(h) Pole Cost	(i) Breakway Base	(j) Struct duct Install Cost	(k) Duct Cost	(l) Total Reproduction Cost	(m) Relamp Cost
	RATENO 09													
	INCANDESCENT TRAFFIC SIGNALS (MONTHLY RATE PER UNIT)													
	Flashing Lights													
1	3 Lamp Head - 24 Hours - 61 Watts												$ -	
2	4 Lamp Head - 24 Hours - 61 Watts												$ -	
3	3 Lamp Head - 24 Hours - 103 Watts												$ -	
4	3 Lamp Head - 18 Norm 6 Flash - 103 Watts												$ -	
5	5 Lamp Head - 24 Hours - 133 Watts												$ -	
6	4 Lamp Head - 18 Norm 6 Flash - 103 Watts												$ -	
7	3 Lamp Head - 24 Hours - 133 Watts												$ -	
8	3 Lamp Head - 18 Norm 6 Flash - 133 Watts												$ -	
9	4 Lamp Head - 24 Hours - 133 Watt												$ -	
10	4 Lamp Head - 18 Norm 6 Flash - 133 Watt												$ -	
11	2 Unit Walk Light - 24 Hours - 61 Watts												$ -	
12	2 Unit WalK Light - 24 Hours - 103 Watts												$ -	
13	2 Unit Walk Light - 18 Norm 6 Flash-103 Watt												$ -	
14	1 Unit Flashing - 24 Hours - 103 Watts												$ -	
15	1 Unit Flashing - 24 Hours - 133 Watts												$ -	
16	2 Unit Flashing - 24 Hours - 103 Watts												$ -	
17	2 Unit School Flasher-351 Annl BH 103 Watts												$ -	
18	2 Unit School Flasher-790 Annl BH 133 Watts												$ -	
19	30 Watt Controller - 24 Hours - 30 Watts												$ -	
20	100 Watt Controller - 100 - 100 Watts												$ -	
	LIGHT-EMITTING DIODE ("LED") TRAFFIC SIGNALS													
	TYPE OF UNIT													
21	5 Lamp Head - 24 Hours - 14 Watts												$ -	
22	3 Lamp Head - 24 Hours - 14 Watts												$ -	
23	3 Lamp Head - 18 Norm 6 Flash - 14 Watts												$ -	
24	4 Lamp Head - 24 Hours - 14 Watts												$ -	
25	4 Lamp Head - 18 Norm 6 Flash - 14 Watts												$ -	
26	2 Unit Walk Light - 24 Hours - 9 Watts												$ -	
27	2 Unit Walk Light - 18 Norm 6 Flash-9 Watt												$ -	
28	1 Unit Flashing - 24 Hours - 14 Watts												$ -	
29	2 Unit Flashing - 24 Hours - 14 Watts												$ -	
30	2 Unit School Flasher-351 Annl BH 14 Watts												$ -	
31	2 Unit School Flasher-790 Annl BH 14 Watts												$ -	
32	4 Unit School Flasher-351 Annl BH 14 Watts												$ -	
33	4 Unit School Flasher-790 Annl BH 14 Watts												$ -	
34	New Bike Lane Signals												$ -	

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(n) WATTS	(o) Direct Investment	(p) Fixed Charge	(q) Lighting System Cost	(r) Demand/Energy Cost	(s) Bulb Repl Cost	(t) Yrly Bulb Repl Cost	(u) Yearly Cost	(v) Monthly Cost
	RATE NO 09									
	INCANDESCENT TRAFFIC SIGNALS (MONTHLY RATE PER UNIT)									
	Flashing Lights									
1	3 Lamp Head - 24 Hours - 61 Watts	61	0 00	0 00	0 00	23 97	$0 00	$0 00	$23 97	$2 00
2	4 Lamp Head - 24 Hours - 61 Watts	61	0 00	0 00	0 00	23 97	$0 00	$0 00	$23 97	$2 00
3	3 Lamp Head - 24 Hours - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
4	3 Lamp Head - 18 Norm 6 Flash - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
5	5 Lamp Head - 24 Hours - 133 Watts	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52.27	$4 36
6	4 Lamp Head - 18 Norm 6 Flash - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
7	3 Lamp Head - 24 Hours - 133 Watts	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
8	3 Lamp Head - 18 Norm 6 Flash - 133 Watts	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
9	4 Lamp Head - 24 Hours - 133 Watt	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
10	4 Lamp Head - 18 Norm 6 Flash - 133 Watt	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
11	2 Unit Walk Light - 24 Hours - 61 Watts	61	0 00	0 00	0 00	23 97	$0 00	$0 00	$23 97	$2 00
12	2 Unit WalK Light - 24 Hours - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
13	2 Unit Walk Light - 18 Norm 6 Flash-103 Watt	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
14	1 Unit Flashing - 24 Hours - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
15	1 Unit Flashing - 24 Hours - 133 Watts	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
16	2 Unit Flashing - 24 Hours - 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
17	2 Unit School Flasher-351 Anni BH 103 Watts	103	0 00	0 00	0 00	40 48	$0 00	$0 00	$40 48	$3 37
18	2 Unit School Flasher-790 Annl BH 133 Watts	133	0 00	0 00	0 00	52 27	$0 00	$0 00	$52 27	$4 36
19	30 Watt Controller - 24 Hours - 30 Watts	30	0 00	0 00	0 00	11 79	$0 00	$0 00	$11 79	$0 98
20	100 Watt Controller - 100 - 100 Watts	100	0 00	0 00	0 00	39 30	$0 00	$0 00	$39 30	$3 28
	LIGHT-EMITTING DIODE ("LED") TRAFFIC SIGNALS									
	TYPE OF UNIT	WATTAGE								
21	5 Lamp Head - 24 Hours - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
22	3 Lamp Head - 24 Hours - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
23	3 Lamp Head - 18 Norm 6 Flash - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
24	4 Lamp Head - 24 Hours - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
25	4 Lamp Head - 18 Norm 6 Flash - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
26	2 Unit Walk Light - 24 Hours - 9 Watts	9	0 00	0 00	0 00	3 54	$0 00	$0 00	$3 54	$0 29
27	2 Unit Walk Light - 18 Norm 6 Flash-9 Watt	9	0 00	0 00	0 00	3 54	$0 00	$0 00	$3 54	$0 29
28	1 Unit Flashing - 24 Hours - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
29	2 Unit Flashing - 24 Hours - 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
30	2 Unit School Flasher-351 Annl BH 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
31	2 Unit School Flasher-790 Annl BH 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
32	4 Unit School Flasher-351 Anni BH 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
33	4 Unit School Flasher-790 Anni BH 14 Watts	14	0 00	0 00	0 00	5 50	$0 00	$0 00	$5 50	$0 46
34	Bike Lane Signals	10	0 00	0 00	0 00	3 93	$0 00	$0 00	$3 93	$0 33

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(w) Active Lamps	(x) Yearly Costs	(y) Monthly Cost	(z) Reproduction Cost Revenue Requirement	(aa) Scaled Calculated Rate	(ab) At Scaled Estimated Revenues	(ac) Current Rate	(ad) Present Revenues	(ae) Percent Change	(af) 100% Target Calculated Rate	(ag) Target Revenues	(ah) Target Percent Change	(ai) Adjusted Proposed Rate	(aj) Rate Design Revenues	(ah) Target Percent Change	(ak) Manual Adj
	RATE NO 09																
	INCANDESCENT TRAFFIC SIGNALS (MONTHLY RATE PER UNIT)																
	Flashing Lights																
1	3 Lamp Head - 24 Hours - 61 Watts	0	23 97	$2 00	$0	2 08	$0	0 00	$0	-	2 08	$0	-	$2 01	$0	0 00%	-
2	4 Lamp Head - 24 Hours - 61 Watts	0	23 97	$2 00	$0	2 08	$0	0 00	$0	-	2 08	$0	-	$2 01	$0	0 00%	-
3	3 Lamp Head - 24 Hours - 103 Watts	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
4	3 Lamp Head - 18 Norm 6 Flash - 103 Watt	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
5	5 Lamp Head - 24 Hours - 133 Watts	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
6	4 Lamp Head - 18 Norm 6 Flash - 103 Watt	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
7	3 Lamp Head - 24 Hours - 133 Watts	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
8	3 Lamp Head - 18 Norm 6 Flash - 133 Watt	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
9	4 Lamp Head - 24 Hours - 133 Watt	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
10	4 Lamp Head - 18 Norm 6 Flash - 133 Watt	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
11	2 Unit Walk Light - 24 Hours - 61 Watts	0	23 97	$2 00	$0	2 08	$0	0 00	$0	-	2 08	$0	-	$2 01	$0	0 00%	-
12	2 Unit WalK Light - 24 Hours - 103 Watts	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
13	2 Unit Walk Light - 18 Norm 6 Flash-103 W	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
14	1 Unit Flashing - 24 Hours - 103 Watts	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
15	1 Unit Flashing - 24 Hours - 133 Watts	0	52 27	$4 36	$0	4 54	$0	0 00	$0	-	4 54	$0	-	$4 40	$0	0 00%	-
16	2 Unit Flashing - 24 Hours - 103 Watts	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
17	2 Unit School Flasher-351 Annl BH 103 Wa	0	40 48	$3 37	$0	3 51	$0	0 00	$0	-	3 51	$0	-	$3 40	$0	0 00%	-
18	2 Unit School Flasher-790 Annl BH 133 Wa	2	52 27	$4 36	$105	4 54	$109	3 42	$82	0 33	4 54	$109	0 33	$4 40	$106	28 65%	-
19	30 Watt Controller - 24 Hours - 30 Watts	47	11 79	$0 98	$554	1 02	$575	0 77	$434	0 32	1 02	$575	0 32	$0 99	$558	28 57%	-
20	100 Watt Controller - 100 - 100 Watts	659	39 30	$3 28	$25,900	3 42	$27,045	3 27	$25,859	0 05	3 42	$27,045	0 05	$3 31	$26,175	1 22%	-
	LIGHT-EMITTING DIODE ("LED") TRAFFIC SIGNALS																
	TYPE OF UNIT																
21	5 Lamp Head - 24 Hours - 14 Watts	777	5 50	$0 46	$4,275	0 48	$4,476	0 77	$7 179	(0 38)	0 77	$7,179	-	$0 75	$6,993	-2 60%	-
22	3 Lamp Head - 24 Hours - 14 Watts	6,169	5 50	$0 46	$33,943	0 48	$35,533	0 44	$32,572	0 09	0 48	$35,533	0 09	$0 46	$34,053	4 55%	-
23	3 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	5 50	$0 46	$0	0 48	$0	0 43	$0	0 12	0 48	$0	0 12	$0 46	$0	6 98%	-
24	4 Lamp Head - 24 Hours - 14 Watts	200	5 50	$0 46	$1 100	0 48	$1,152	0 77	$1,848	(0 38)	0 77	$1 848	-	$0 75	$1,800	-2 60%	-
25	4 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	5 50	$0 46	$0	0 48	$0	0 77	$0	(0 38)	0 77	$0	-	$0 75	$0	-2 60%	-
26	2 Unit Walk Light - 24 Hours - 9 Watts	4,832	3 54	$0 29	$17,091	0 30	$17,395	0 29	$16,815	0 03	0 30	$17,395	0 03	$0 29	$16,815	0 00%	-
27	2 Unit Walk Light - 16 Norm 6 Flash-9 Watt	0	3 54	$0 29	$0	0 30	$0	0 29	$0	0 03	0.30	$0	0 03	$0 29	$0	0 00%	-
28	1 Unit Flashing - 24 Hours - 14 Watts	263	5 50	$0 46	$1 447	0 48	$1,515	0 22	$694	1 18	0 44	$1,389	1 00	$0 43	$1,357	95 45%	-
29	2 Unit Flashing - 24 Hours - 14 Watts	8	5 50	$0 46	$44	0 48	$46	0 44	$42	0 09	0 48	$46	0 09	$0 46	$44	4 55%	-
30	2 Unit School Flasher-351 Annl BH 14 Watt	0	5 50	$0 46	$0	0 48	$0	0 35	$0	0 37	0 46	$0	0 37	$0 46	$0	31 43%	-
31	2 Unit School Flasher-790 Annl BH 14 Watt	1,021	5 50	$0 46	$5,618	0 48	$5,881	0 35	$4,288	0 37	0 48	$5,881	0 37	$0 46	$5,636	31 43%	-
32	4 Unit School Flasher-351 Annl BH 14 Watt	0	5 50	$0 46	$0	0 48	$0	0 77	$0	(0 38)	0 77	$0	-	$0 75	$0	-2 60%	-
33	4 Unit School Flasher-790 Annl BH 14 Watt	0	5 50	$0 46	$0	0 48	$0	0 77	$0	(0 38)	0 77	$0	-	$0 75	$0	-2 60%	-
34	Bike Lane Signals	0 00	3 93	$0 33	$0	0 34	$0	0 00	$0	-	0 34	$0	-	$0 33	$0	0 00%	-
	Energy	68,022		0 03714	$2,527	0 03869	$2,632	0 03455	$2,350	0 12	0 03869	$2,632	0 12	$0 03747	$2,549	6 45%	
	Meters	312	146 76	$12 23	$3,816	12 74	$3,975	$10 75	$3,354	0 19	12 74	$3,975	0 19	$12 34	$3,850	14 79%	0 00
		13,978	884 28		$96 420		$100,334		$95,520			$103,608			$99,937		
					$100,440		$93,728		$4,815			-$3,168			$503		
									$4,815			-$3,274			$398		

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(a) Fixture Charge	(b) Lamp Cost	(c) Misc Cost	(d) Arm Cost	(e) Cable Cost	(f) Labor Overhead	(g) Pole Hole or Base	(h) Pole Cost	(i) Breakway Base	(j) Construct Cost	(k) Duct Cost	(l) Total Reproduction Cost	(m) Relamp Cost
	RATE NO 28													
	MV-OH SYSTEM CO OWNED - WOOD POLE (WITH 35' POLE)/ No longer Install													
1	175W MV 7,000L 195 Watts	$ 75 56	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,442 55	$ 87 93
2	250W MV 11,000L 275 Watts	$ 91 83	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,458 82	$ 87 93
3	400 MV 20,000L 460 Watts	$ 114 92	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,481 91	$ 87 93
	HPSV OH SYSTEM CO OWNED - 35' WOOD POLE													
4	100W HPS 8,500L 124 Watts	$ 78 48	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,445 47	$ 87 93
6	150W HPS 14,400L 193 Watts	$ 90 16	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1 457 15	$ 87 93
5	250W HPS 23,200L 313 Watts	$ 93 52	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,460 51	$ 87 93
7	400W HPS 50,000L 485 Watts	$ 118 68	$ 9 09	$ 35 96	$ 21 81	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,485 67	$ 87 93
	HPSV FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)													
8	100W HPS 9,500L 137 Watts	$ 133 80	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 271 66	$ -	$ -				$ 530 91	$ 87 93
9	250W HPS 27,500L 330 Watts	$ 144 02	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 271 66	$ -	$ -				$ 541 13	$ 87 93
10	400W HPS 50,000L 490 Watts	$ 149 98	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 271 66	$ -	$ -				$ 547 09	$ 87 93
11	1000W HPS 119,500L 1103 Watts	$ 273 07	$ 29 00	$ 35 96	$ 41 35	$ 46 81	$ 271 66	$ -	$ -				$ 697 85	$ 87 93
	METAL HALIDE FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING) All MH are being converted to LED													
12	400W MH 38,000L 35' Pole 490 Watts	$ 137 16	$ 30 84	$ 35 96	$ 33 59	$ 46 81	$ 271 66	$ -	$ -				$ 556 02	$ 87 93
13	1000W MH 115,500L 35' Pole 1100 Watts	$ 265 00	$ 36 30	$ 35 96	$ 41 35	$ 46 81	$ 271 66	$ -	$ -				$ 697 08	$ 87 93
	HPSV FLOODLIGHT WITH NEW CO SUPPLIED WOOD POLE													
14	100W HPS 9,500L 35' Pole 137 Watts	$ 133 80	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,512 57	$ 87 93
15	250W HPS 27,500L 35' Pole 330 Watts	$ 144 02	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,522 79	$ 87 93
16	400W HPS 50,000L 35' Pole 490 Watts	$ 149 98	$ 9 09	$ 35 96	$ 33 59	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,528 75	$ 87 93
17	1000W HPS 119,500L 35' Pole 1103 Watts	$ 273 07	$ 29 00	$ 35 98	$ 41 35	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,679 51	$ 87 93
18	1000W HPS 119,500L 45' Pole 1103 Watts	$ 273 07	$ 29 00	$ 35 96	$ 41 35	$ 46 81	$ 611 24	$ 250 00	$ 561 26				$ 1,848 69	$ 87 93
	METAL HALIDE FLOODLIGHT WITH NEW CO WOOD POLE All MH are beinc													
19	400W MH 38,000L 35' Pole 490 Watts	$ 137 16	$ 30 84	$ 35 98	$ 33 59	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,537 68	$ 87 93
20	1000W MH 115,500L 35' Pole 1100 Watts	$ 265 00	$ 36 30	$ 35 96	$ 41 35	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,678 74	$ 87 93
21	1000W MH 115,500L 45' Pole 1100 Watts	$ 265 00	$ 36 30	$ 35 96	$ 41 35	$ 46 81	$ 611 24	$ 250 00	$ 561 26				$ 1,847 92	$ 87 93
	LED AREA LIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)													
22	31W-100W LED light equivalent to 150W HPS	$ 300 00		$ 65 96	$ 33 59	$ 46 81	$ 611 24	$ 250 00					$ 1,307 60	
	LED AREA LIGHT OH SYSTEM CO OWNED - 35' WOOD POLE													
23	31W-100W LED light equivalent to 150W HPS	$ 300 00		$ 65 96	$ 33 59	$ 46 81	$ 611 24	$ 250 00	$ 392 08				$ 1,699 68	
	LED FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)													
24	31W-100W LED light equivalent to 150W HPS	$ 300 00		$ 78 59	$ 33 59	$ 46 81	$ 285 73						$ 744 72	
25	101W-200W LED light equivalent to 400W HPS	$ 600 00		$ 78 59	$ 33 59	$ 46 81	$ 285 73						$ 1,044 72	
26	250W-400W LED light equivalent to 1000W HPS	$ 900 00		$ 99 11	$ 33 59	$ 46 81	$ 285 73						$ 1,365 24	
27 New	400W-500W LED	$ 1,200 00		$ 99 11	$ 33 59	$ 46 81	$ 285 73						$ 1,665 24	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT WOOD POLE													
28	31W-100W LED light equivalent to 150W HPS	$ 300 00		$ 78 59	$ 33 59	$ 46 81	$ 642 89	$ 250 00	$ 392 08				$ 1,743 96	
29	101W-200W LED light equivalent to 400W HPS	$ 600 00		$ 78 59	$ 33 59	$ 46 81	$ 642 89	$ 250 00	$ 392 08				$ 2,043 96	
30	250W-400W LED light equivalent to 1000W HPS	$ 900 00		$ 99 11	$ 41 35	$ 46 81	$ 642 89	$ 250 00	$ 392 08				$ 2,372 24	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 40FT WOOD POLE													
31	250W-400W LED light equivalent to 1000W HPS	$ 900 00		$ 99 11	$ 41 35	$ 46 81	$ 642 89	$ 250 00	$ 473 31				$ 2,453 47	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY													
32	250W-400W LED light equivalent to 1000W HPS	$ 900 00		$ 99 11	$ 41 35	$ 46 81	$ 642 89	$ 250 00	$ 730 63		$ 546 00	$ 72 00	$ 3 328 79	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT WOOD POLE FOR UG ONLY													
33	250W-400W LED light equivalent to 1000W HPS	$ 900 00		$ 99 11	$ 41 35	$ 46 81	$ 642 89	$ 250 00	$ 730 63		$ 546 00	$ 72 00	$ 3,328 79	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY													
34	2-250W-400W LED light equivalent to 1000W HP!	$ 1 800 00		$ 162 26	$ 82 70	$ 46 81	$ 642 89	$ 250 00	$ 730 83		$ 546 00	$ 72 00	$ 4,333 29	
	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT WOOD POLE FOR UG ONLY													
35	2-250W-400W LED light equivalent to 1000W HP!	$ 1,800 00		$ 162 26	$ 82 70	$ 46 81	$ 642 89	$ 250 00	$ 392 08		$ 546 00	$ 72 00	$ 3,994 74	

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(n) WATTS	(o) Direct Investment	(p) Fixed Charge	(q) Lighting System Cost	(r) Demand/Energy Cost	(s) Bulb Repl Cost	(t) Yrly Bulb Repl Cost	(u) Total Cost	(v) Monthly Cost
	RATE NO 28									
	MV-OH SYSTEM CO OWNED - WOOD POLE (WITH 35' POLE)/ No longer Install									
1	175W MV 7,000L 195 Watts	195	1,442 55	$136 44	$39 66	$40 13	$29 31	$3 03	$248 57	$20 71
2	250W MV 11,000L 275 Watts	275	1,458 82	$137 97	$55 94	$56 59	$29 31	$3 03	$282 64	$23 57
3	400 MV 20,000L 460 Watts	460	1,481 91	$140 16	$93 57	$94 67	$29 31	$3 03	$360 73	$30 06
	HPSV OH SYSTEM CO OWNED - 35' WOOD POLE									
4	100W HPS 8,500L 124 Watts	124	1,445 47	$136 71	$25 22	$25 52	$29 31	$3 03	$219 79	$18 32
6	150W HPS 14,400L 193 Watts	193	1,457 15	$137 82	$39 26	$39 72	$29 31	$3 03	$249 13	$20 76
5	250W HPS 23,200L 313 Watts	313	1,460 51	$138 13	$63 67	$64 41	$29 31	$3 03	$298 55	$24 88
7	400W HPS 50,000L 485 Watts	485	1,485 67	$140 51	$98 65	$99 81	$29 31	$3 03	$371 31	$30 94
	HPSV FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)									
8	100W HPS 9,500L 137 Watts	137	530 91	$50 21	$27 87	$28 19	$29 31	$3 03	$138 61	$11 55
9	250W HPS 27,500L 330 Watts	330	541 13	$51 18	$67 12	$67 91	$29 31	$3 03	$218 55	$18 21
10	400W HPS 50,000L 490 Watts	490	547 09	$51 74	$99 67	$100 84	$29 31	$3 03	$264 59	$23 72
11	1000W HPS 119,500L 1103 Watts	1103	697 85	$66 00	$224 35	$226 99	$29 31	$9 67	$556 32	$46 36
	METAL HALIDE FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)									
12	400W MH 38,000L 35' Pole 490 Watts	490	556 02	$52 59	$99 67	$100 84	$29 31	$10 28	$292 68	$24 39
13	1000W MH 115,500L 35' Pole 1100 Watts	1100	897 08	$65 93	$223 74	$226 37	$29 31	$12 10	$557 46	$46 45
	HPSV FLOODLIGHT WITH NEW CO SUPPLIED WOOD POLE									
14	100W HPS 9,500L 35' Pole 137 Watts	137	1,512 57	$143 06	$27 87	$28 19	$29 31	$3 03	$231 46	$19 29
15	250W HPS 27,500L 35' Pole 330 Watts	330	1,522 79	$144 02	$67 12	$67 91	$29 31	$3 03	$311 40	$25 95
16	400W HPS 50,000L 35' Pole 490 Watts	490	1,528 75	$144 59	$99 67	$100 84	$29 31	$3 03	$377 43	$31 45
17	1000W HPS 119,500L 35' Pole 1103 Watts	1103	1,679 51	$158 85	$224 35	$226 99	$29 31	$9 67	$649 17	$54 10
18	1000W HPS 119,500L 45' Pole 1103 Watts	1103	1,848 69	$174 85	$224 35	$226 99	$29 31	$9 67	$665 17	$55 43
	METAL HALIDE FLOODLIGHT WITH NEW CO WOOD POLE									
19	400W MH 38,000L 35' Pole 490 Watts	490	1,537 68	$145 43	$99 67	$100 84	$29 31	$10 28	$385 53	$32 13
20	1000W MH 115,500L 35' Pole 1100 Watts	1100	1,678 74	$158 77	$223 74	$226 37	$29 31	$12 10	$650 30	$54 19
21	1000W MH 115,500L 45' Pole 1100 Watts	1100	1,847 92	$174 77	$223 74	$226 37	$29 31	$12 10	$666 30	$55 53
22	31W-100W LED light equivalent to 150W HPS	66	1,307 60	$123 67	$13 42	$13 58	$0 00	$0 00	$150 68	$12 56
23	31W-100W LED light equivalent to 150W HPS	66	1,699 68	$160 75	$13 42	$13 58	$0 00	$0 00	$187 76	$15 65
24	31W-100W LED light equivalentto 150W HPS	66	744 72	$70 44	$13 42	$13 58	$0 00	$0 00	$97 44	$8 12
25	101W-200W LED light equivalent to 400W HPS	151	1,044 72	$98 81	$30 71	$31 07	$0 00	$0 00	$160 60	$13 38
26	250W-400W LED light equivalent to 1000W HPS	325	1,365 24	$129 12	$66 11	$66 88	$0 00	$0 00	$262 11	$21 84
27	400W-500W LED	450	1,665 24	$157 50	$91 53	$92 61	$0 00	$0 00	$341 64	$28 47
28	31W-100W LED light equivalent to 150W HPS	66	1 743 96	$164 94	$13 42	$13 58	$0 00	$0 00	$191 95	$16 00
29	101W-200W LED light equivalent to 400W HPS	151	2,043 96	$193 32	$30 71	$31 07	$0 00	$0 00	$255 11	$21 26
30	250W-400W LED light equivalent to 1000W HPS	325	2,372 24	$224 36	$66 11	$66 88	$0 00	$0 00	$357 35	$29 78
31	250W-400W LED light equivalent to 1000W HPS	325	2,453 47	$232 05	$66 11	$66 88	$0 00	$0 00	$365 04	$30 42
32	250W-400W LED light equivalent to 1000W HPS	325	3,328 79	$314 83	$66 11	$66 88	$0 00	$0 00	$447 82	$37 32
33	250W-400W LED light equivalent to 1000W HPS	325	3,328 79	$314 83	$66 11	$66 88	$0 00	$0 00	$447 82	$37 32
34	2-250W-400W LED light equivalent to 1000W HPS	650	4,333 29	$409 64	$132 21	$133 77	$0 00	$0 00	$675 82	$56 32
35	2-250W-400W LED light equivalent to 1000W HPS	650	3,994 74	$377 82	$132 21	$133 77	$0 00	$0 00	$643 80	$53 65

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EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPERS Q-7 PROOF OF REVENUE
SPONSOR MANUEL CARRASCO
PREPARER RENE F GONZALEZ
FOR THE TEST YEAR PERIOD ENDED DECEMBER 31, 2020

LAMP COST OF SERVICE

Lamp No	Description	(w) Active Lamps	(x) Yearly Costs	(y) Monthly Cost	(z) Reproduction Cost Revenue Requirement	(aa) Scaled Calculated Rate	(ab) At Scaled Estimated Revenues	(ac) Current Rate	(ad) Present Revenues	(ae) Percent Change	(af) 100 0% Target Calculated Rate	(ag) Target Revenues	(ah) Target Percent Change	(ai) Adjusted Proposed Rate	(ai) Rate Design Revenues	(ah) Target Percent Change	
	RATE NO 28																
	MV-OH SYSTEM CO OWNED - WOOD POLE (WITH 35' POLE)/ No longer Install																
1	175W MV 7,000L 195 Watts	67	248 57	$20 71	16,654	12 79	$10,283	$13 09	$10,524	(0 02)	13 09	$10,524	-	$12 74	$10,243	(0 03)	-
2	250W MV 11,000L 275 Watts	70	282 84	$23 57	19,799	14 56	$12,230	$14 82	$12.449	(0 02)	14 82	$12,449	-	$14 42	$12,113	(0 03)	-
3	400 MV 20,000L 460 Watts	20	360 73	$30 06	7,215	18 57	$4,457	$18 76	$4.502	(0 01)	18 76	$4,502	-	$18 26	$4,382	(0 03)	-
	HPSV OH SYSTEM CO OWNED - 35' WOOD POLE																
4	100W HPS 8,500L 124 Watts	1,452	219 79	$18 32	319 138	11 32	$197,240	11 64	$202,815	(0 03)	11 64	$202,815	-	$11 33	$197,414	(0 03)	-
6	150W HPS 14,400L 193 Watts	49	249 13	$20 76	12,207	12 83	$7,544	13 12	$7 715	(0 02)	13 12	$7,715	-	$12 77	$7,509	(0 03)	-
5	250W HPS 23,200L 313 Watts	2,234	298 55	$24 88	666,967	15 37	$412,039	15 61	$418,473	(0,02)	15 61	$418,473	-	$15 19	$407,214	(0 03)	-
7	400W HPS 50,000L 485 Watts	68	371 31	$30 94	25,249	19 11	$15,594	19 29	$15,741	(0 01)	19 29	$15,741	-	$18 78	$15 324	(0 03)	-
	HPSV FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)																
8	100W HPS 9,500L 137 Watts	916	138 61	$11 55	126,970	7 14	$78,483	7 29	$80,132	(0 02)	7 29	$80,132	-	$7 10	$78,043	(0 03)	-
9	250W HPS 27,500L 330 Watts	855	218 55	$18 21	186,864	11 25	$115,425	11 17	$114,604	0 01	11 25	$115,425	0 01	$10 95	$112,347	(0 02)	-
10	400W HPS 50,000L 490 Watts	1,930	284 59	$23 72	549,259	14 65	$339,294	14 49	$335,588	0 01	14 65	$339,294	0 01	$14 26	$330,262	(0 02)	-
11	1000W HPS 119,500L 1103 Watts	1,097	556 32	$46 36	610,287	28 64	$377,017	28 23	$371,620	0 01	28 64	$377,017	0 01	$27 88	$367,012	(0 01)	-
	METAL HALIDE FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)																
12	400W MH 38,000L 35' Pole 490 Watts	189	292 68	$24 39	55,317	15 07	$34,179	15 97	$36,220	(0 06)	15 97	$36,220	-	$15 54	$35,245	(0 03)	-
13	1000W MH 115,500L 35' Pole 1100 Watts	375	557 46	$46 45	209,046	28 70	$129,150	28 28	$127,260	0 01	28 70	$129 150	0 01	$27 93	$125,685	(0 01)	-
	HPSV FLOODLIGHT WITH NEW CO SUPPLIED WOOD POLE																
14	100W HPS 9,500L 35' Pole 137 Watts	477	231 46	$19 29	110,405	11 92	$68,230	12 26	$70,176	(0 03)	12 26	$70,176	-	$11 93	$68,287	(0 03)	-
15	250W HPS 27,500L 35' Pole 330 Watts	272	311 40	$25 95	84,701	16 03	$52,322	16 29	$53,171	(0 02)	16 29	$53,171	-	$15 86	$51,767	(0 03)	-
16	400W HPS 50,000L 35' Pole 490 Watts	1,042	377 43	$31 45	393 287	19 43	$242,953	19 62	$245,328	(0 01)	19 62	$245,328	-	$19 10	$238,826	(0 03)	-
17	1000W HPS 119,500L 35' Pole 1103 Watts	181	649 17	$54 10	117,499	33 42	$72,588	35 57	$77,258	(0 06)	35 57	$77,258	-	$34 62	$75,195	(0 03)	-
18	1000W HPS 119,500L 45' Pole 1103 Watts	885	665 17	$55 43	588,675	34 24	$363,629	36,72	$389,966	(0 07)	36 72	$389,966	-	$35 74	$379,559	(0 03)	-
	METAL HALIDE FLOODLIGHT WITH NEW CO WOOD POLE																
19	400W MH 38,000L 35' Pole 490 Watts	86	385 53	$32 13	33,156	19 85	$20,485	25 05	$25,852	(0 21)	25 05	$25,852	-	$24 38	$25,160	(0 03)	-
20	1000W MH 115,500L 35' Pole 1100 Watts	90	650 30	$54 19	58,527	33 48	$36,158	37 01	$39,971	(0 10)	37 01	$39,971	-	$36 02	$38,902	(0 03)	-
21	1000W MH 115,500L 45' Pole 1100 Watts	216	666 30	$55 53	143,921	34 31	$88 932	38 17	$98,937	(0 10)	38 17	$98,937	-	$37 15	$96,293	(0 03)	-
22	31W-100W LED light equivalent to 150W HI	7	150 68	$12 56	1,055	7 76	$652	8 19	$688	(0 05)	8 19	$688	-	$7 97	$669	(0 03)	-
23	31W-100W LED light equivalent to 150W HI	8	187 76	$15 65	1,502	9 67	$928	10 23	$982	(0 05)	10 23	$982	-	$9 96	$956	(0 03)	-
24	31W-100W LED light equivalent to 150W HI	4	97 44	$8 12	390	5 02	$241	8 25	$396	(0 39)	8 25	$396	-	$8 03	$385	(0 03)	-
25	101W-200W LED light equivalent to 400W I	27	160 60	$13 38	4,336	8 27	$2,679	11 57	$3,749	(0 29)	11 57	$3,749	-	$11 26	$3,648	(0 03)	-
26	250W-400W LED light equivalent to 1000W	8	262 11	$21 84	2,097	13 49	$1 295	16 83	$1,616	(0 20)	16 83	$1,616	-	$16 38	$1,572	(0 03)	-
27	400W-500W LED	0	341 64	$28 47	0	17 59	$0	0 00	$0	-	17 59	$0	-	$17 12	$0	-	-
28	31W-100W LED light equivalent to 150W HI	1	191 95	$16 00	192	9 88	$119	10 30	$124	(0 04)	10 30	$124	-	$10 03	$120	(0 03)	-
29	101W-200W LED light equivalent to 400W I	20	255 11	$21 26	5,102	13 13	$3,151	13 62	$3,269	(0 04)	13 62	$3,269	-	$13 26	$3,182	(0 03)	-
30	250W-400W LED light equivalent to 1000W	7	357 35	$29 78	2,501	18 40	$1,546	18 92	$1,589	(0 03)	18 92	$1,589	-	$18 42	$1,547	(0 03)	-
31	250W-400W LED light equivalent to 1000W	0	365 04	$30 42	0	18 79	$0	19 34	$0	(0 03)	19 34	$0	-	$18 82	$0	(0 03)	-
32	250W-400W LED light equivalent to 1000W	0	447 82	$37 32	0	23 06	$0	23 91	$0	(0 04)	23 91	$0	-	$23 27	$0	(0 03)	-
33	250W-400W LED light equivalent to 1000W	0	447 82	$37 32	0	23 06	$0	23 91	$0	(0 04)	23 91	$0	-	$23 27	$0	(0 03)	-
34	2-250W-400W LED light equivalent to 1000'	16	675 82	$56 32	10,813	34 79	$6,680	35 85	$6 883	(0 03)	35 85	$6,883	-	$34 89	$6 699	(0 03)	-
35	2-250W-400W LED light equivalent to 1000'	2	643 80	$53 65	1 288	33 15	$796	34 09	$818	(0 03)	34 09	$818	-	$33 18	$796	(0 03)	-
		12,671	12,600 85		4,364,419 2,696,362		$2,696,318		$2,758,415 -$62,098			$2,770,229 -$73,867			$2,696,358 $3		

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER T TEXAS RETAIL CLASS REVENUE UNDER PRESENT RATES, EQUALIZED RATES OF RETURN AND PROPOSED RATES
SPONSOR JAMES SCHICHTL
PREPARER MANUEL CARRASCO
FOR THE TEST YEAR ENDED DECEMBER 31 2020

Exhibit A Notice Table

EPE Texas Proposed Base Rate Increase											
	Present Revenue				Proposed Revenue at Equalized Rate of Return				Change in Base Revenue ($)	Average Change of Base Charges in Bill (%) [1]	Average Change of Total Charges in Bill (%) [2]
Retail Customer Class	Base	Fuel	Other	Total	Base	Fuel	Other	Total			
Schedule 01 - Residential Service	$ 273 638.830	$ 31 804 571	$ 461 739	$ 305.905.140	$ 312 175.051	$ 31.804.571	$ 659.613	$ 344.639.235	$ 38.536.221	14.08%	12.66%
Schedule 02 - Small General Service	33 319.685	3.483.415	44 646	36 847.746	32.509.928	3.483.415	39 610	36.032.953	(809.757)	-2 43%	-2.21%
Schedule 07 - Outdoor Recreational Lighting Service	462 980	47 019	(2.655)	507.344	630.546	47.019	(1.777)	675.788	167.566	36 19%	33 20%
Schedule 08 - Government Street Lighting Service	4.046.620	461.227	(19.502)	4.488.345	3.148.841	461.227	(24 358)	3.585.710	(897.779)	-22 19%	-20 11%
Schedule 09 - Traffic Signal Service	95.204	26.554	406	122 164	100.307	26.554	431	127.291	5.103	5 36%	4 20%
Schedule 11TOU - Municipal Pumping TOU Service	10.102.350	2.189.127	(84.653)	12.206 824	10.423.409	2.189.127	(83.126)	12.529.410	321.059	3 18%	2 64%
Schedule 15 - Electrolytic Refining Service	1.830.063	965.884	(14.549)	2.781.398	2.286.472	965.884	(12.157)	3.240.198	456.409	24 94%	16 50%
Schedule 22 - Irrigation Service	423.413	49.123	(2.482)	470.054	571.266	49.123	(1.706)	618.683	147.853	34 92%	31 62%
Schedule 24 - General Service	125.005.740	18.549.194	430.001	143.984.935	122.490.153	18.549.194	414.609	141.453.955	(2.515.587)	-2 01%	-1 76%
Schedule 25 - Large Power Service	35.955.664	8.621.024	683.244	45.259.932	38.095.071	8.621.024	693.987	47.410.082	2.139.407	5 95%	4 75%
Schedule 26 - Petroleum Refinery Service	10.964.770	4.673.421	(80.110)	15 558 081	13.224.885	4.673.421	(68.302)	17.830.004	2.260.115	20 61%	14.60%
Schedule 28 - Area Lighting Service	2.932.614	343.211	(19.008)	3.256.817	2 702.983	343.211	(20.265)	3.025.929	(229.631)	-7.83%	-7 09%
Schedule 30 - Electric Furnace Schedule	1 191 760	2.231.320	(8 974)	3.414.106	1 539.532	2.231.320	(7 146)	3.763.706	347.772	29 18%	10 24%
Schedule 31 - Military Reservation Service	13 009 892	4 077.775	(114 623)	16.973.044	15.101.678	4 077.775	(103 738)	19.075.715	2.091 786	16 08%	12 39%
Schedule 34 - Cotton Gin Service	132.972	20.422	4.639	158.033	182.216	20 422	4.898	207.536	49.244	37 03%	31 32%
Schedule 41 - City and County Service	19.126.500	2.475.875	548.718	22.151.093	18 490.767	2.475.875	545.040	21.511 682	(635 733)	-3 32%	-2 89%
Rider WH - Water Heating Service	474 582	65.544	(2 624)	537.502	544.337	65 544	(2 281)	607.599	69.755	14 70%	13 04%
Texas Jurisdictional Service	$ 532 713 639	$ 80.084.706	$ 1.824 213	$ 614.622.558	$ 574 217.440	$ 80.084.706	$ 2.033.330	$ 656.335.476	$ 41.503.801	7 79%	6 79%
Schedule 38 - Noticed Interruptible (Non-Firm)	4.174.345	$ -	(32.814)	4.141.531	4.498.580	$ -	(31.089)	4 467.490	324 235	7.77%	7.87%
Texas Jurisdictional Service	$ 536.887.984	$ 80.084.706	$ 1 791.399	$ 618.764.089	$ 578 716.020	$ 80.084 706	$ 2.002 241	$ 660.802.967	$ 41.828.036	7 79%	6 79%

[1] The Average Change of Base Charges in Bill is relative to revenue from current base rates, the transmission cost recovery factor, the distribution cost recovery factor, and the federal tax refund factor

[2] The Average Change of Total Charges in Bill is relative to the revenue described in the note 1 above plus revenue from the fixed fuel factor, the energy efficiency cost recovery factor, the military base discount recovery factor, the merger credit factor, and any applicable supplemental franchise fees

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER T TEXAS RETAIL CLASS REVENUE UNDER PRESENT RATES
EQUALIZED RATES OF RETURN AND PROPOSED RATES
SPONSOR JAMES SCHICHTL
PREPARER MANUEL CARRASCO
FOR THE TEST YEAR ENDED DECEMBER 31 2020

Retail Customer Class	Present Revenue Base	Fuel	EECRF	MBDRF	Merger Credit	Total
Rate 01 - Residential Service	$ 273 638.830	$ 31.804.571	$ 2.426 795	$ 1.455.759	$ (3.420.815)	$ 305.905.140
Rate 02 - Small General Service	33 319 685	3.483.415	254 064	177 261	(386 679)	36 847.746
Rate 07 - Outdoor Recreational Lighting	462.980	47.019	(7)	2.463	(5 110)	507.344
Rate 08 - Government Street Lighting	4.046.620	461 227	10.889	21 528	(51 919)	4 488.345
Rate 09 - Traffic Signals	95.204	26 554	1 120	506	(1.221)	122 164
Rate 11TOU - Municipal Pumping TOU	10.102.350	2 189.127	2.930	53.745	(141 327)	12.206.824
Rate 15 - Electrolytic Refining Service	1 830 063	965 884	-	9 736	(24 285)	2 781 398
Rate 22 - Irrigation Service	423 413	49.123	142	2.253	(4.877)	470 054
Rate 24 - General Service	125.005.740	18 549 194	1.346.344	665.031	(1.581 374)	143.984.935
Rate 25 - Large Power Service	35.955.664	8.621.024	956 401	191.284	(464 441)	45 259 932
Rate 26 - Petroleum Refinery Service	10.964.770	4 673.421	-	58.333	(138.442)	15.558.081
Rate 28 - Area Lighting Service	2.932.614	343 211	-	15.602	(34 610)	3.256.817
Rate 30 - Electric Furnace Rate	1 191 760	2 231 320	-	6 340	(15 314)	3.414.106
Rate 31 - Military Reservation Service	13 009 892	4.077.775	-	69 213	(183.836)	16 973.044
Rate 34 - Cotton Gin Service	132 972	20 422	5.576	707	(1.644)	158.033
Rate 41 - City and County Service	19 126 500	2.475.875	674.989	101 753	(228 024)	22.151.093
Rate WH - Water Heating Service	474 582	65 544	(179)	2 525	(4.970)	537.502
Total Base Sales Revenue	$ 532.713.639	$ 80.084 706	$ 5 679.065	$ 2 834 037	$ (6 688 888)	$ 614 622.558
Schedule 38 - Noticed Interruptible (Non-Firm)	4.174.345			22.208	(55.022)	4 141.531
	$ 536.887.984	$ 80 084 706	$ 5.679.065	$ 2.856 244	$ (6.743.910)	$ 618 764 089

Retail Customer Class	Revenue at Proposed Rates at Equalized Rate of Return Base	COVID Surcharge	Fuel	EECRF	MBDRF	Merger Credit	Total
Rate 01 - Residential Service	$ 310.833.147	$ 1.341 904	$ 31.804.571	$ 2 426.795	$ 1.653.632	$ (3.420.815)	$ 344 639.235
Rate 02 - Small General Service	32 373 090	136 838	3 483 415	254 064	172.225	(386 679)	36.032.953
Rate 07 - Outdoor Recreational Lighting	627.947	2.598	47.019	(7)	3.341	(5.110)	675.788
Rate 08 - Government Street Lighting	3.133.827	15.014	461.227	10 889	16.672	(51.919)	3 585.710
Rate 09 - Traffic Signals	99 937	370	26.554	1.120	532	(1.221)	127.291
Rate 11TOU - Municipal Pumping TOU	10.389 334	34 075	2 189.127	2.930	55.271	(141 327)	12 529.410
Rate 15 - Electrolytic Refining Service	2.279 564	6 908	965 884	-	12.127	(24 285)	3.240.198
Rate 22 - Irrigation Service	569.273	1.993	49 123	142	3.029	(4.877)	618.683
Rate 24 - General Service	122.112.499	377.654	18.549.194	1 346 344	649.638	(1.581.374)	141.453 955
Rate 25 - Large Power Service	37.975.053	120 017	8.621.024	956.401	202.027	(464.441)	47.410.082
Rate 26 - Petroleum Refinery Service	13.184.282	40.602	4 673.421	-	70 140	(138.442)	17.830.004
Rate 28 - Area Lighting Service	2 696.358	6.625	343.211	-	14.345	(34.610)	3.025.929
Rate 30 - Electric Furnace Rate	1.535.219	4.313	2 231 320	-	8.167	(15.314)	3 763.706
Rate 31 - Military Reservation Service	15 056.014	45.664	4 077 775	-	80.098	(183.836)	19 075.715
Rate 34 - Cotton Gin Service	181.600	616	20.422	5.576	966	(1.644)	207.536
Rate 41 - City and County Service	18.435.136	55.631	2 475 875	674.989	98.075	(228.024)	21 511.682
Rate WH - Water Heating Service	539.098	5.239	65.544	(179)	2.868	(4.970)	607.599
Total Base Sales Revenue	$ 572 021 380	$ 2 196.060	$ 80 084 706	$ 5.679.065	$ 3.043.154	$ (6 688.888)	$ 656 335.476
Schedule 38 - Noticed Interruptible (Non-Firm)	4.498.580				23 932	(55.022)	4.467.490
	$ 576 519 960	$ 2.196.060	$ 80.084.706	$ 5.679.065	$ 3.067.086	$ (6.743.910)	$ 660 802.967

Source Schedule Q-01 00 except for calculated amounts

	kWh	EECRF	EECRF REVs	MBDRF	Merger Credit	
Rate 01 - Residential Service	2.478.851.326	$ 0 000979	$ 2.426.795	0 532%	$ (0.00138)	$ (3 420 815)
Rate 02 - Small General Service	272.309 109	$ 0 000933	$ 254.064	0 532%	$ (0 00142)	$ (386 679)
Rate 07 - Outdoor Recreational Lighting	3.676.526	$ (0 000002)	$ (7)	0 532%	$ (0.00139)	$ (5 110)
Rate 08 - Government Street Lighting	36.054 763	$ 0 000302	$ 10.889	0 532%	$ (0 00144)	$ (51 919)
Rate 09 - Traffic Signals	2.655.162	$ 0 000422	$ 1 120	0.532%	$ (0.00046)	$ (1.221)
Rate 11TOU - Municipal Pumping TOU	172.350.354	$ 0 000017	$ 2 930	0 532%	$ (0 00082)	$ (141.327)
Rate 15 - Electrolytic Refining Service	42.604.774		$ -	0 532%	$ (0 00057)	$ (24.285)
Rate 22 - Irrigation Service	3.840 029	$ 0 000037	$ 142	0.532%	$ (0 00127)	$ (4.877)
Rate 24 - General Service	1 450.801.644	$ 0.000928	$ 1.346.344	0 532%	$ (0.00109)	$ (1 581 374)
Rate 25 - Large Power Service	603.407.755	$ 0 001585	$ 956 401	0 532%	$ (0 00076)	$ (464.441)
Rate 26 - Petroleum Refinery Service	314.641.719		$ -	0 532%	$ (0 00044)	$ (138 442)
Rate 28 - Area Lighting Service	26.829 319		$ -	0 532%	$ (0 00129)	$ (34.610)
Rate 30 - Electric Furnace Rate	21.568.632		$ -	0 532%	$ (0 00071)	$ (15 314)
Rate 31 - Military Reservation Service	278.539.097		$ -	0 532%	$ (0 00066)	$ (183.836)
Rate 34 - Cotton Gin Service	1.596.380	$ 0 003493	$ 5.576	0.532%	$ (0 00103)	$ (1 644)
Rate 41 - City and County Service	193.240.554	$ 0 003493	$ 674.989	0 532%	$ (0 00118)	$ (228.024)
Rate WH - Water Heating Service	5 123.640	$ (0 000035)	$ (179)	0.532%	$ (0 00097)	$ (4.970)
Rate 38 - Noticed Interruptible (Non-Firm)	393.013.000			0 532%	$ (0 00014)	$ (55.022)
Source: kWh from Q-7			$ 5 679 065			$ (6 743 910)

7.699 293 << Schedule 25 Transmission kWh (EECRF not applicable, but Merger Credit is)

DIGITAL DATA (FLASH DRIVE/S)

PLEASE CONTACT CENTRAL RECORDS

AT 512-936-7180