



Control Number: 49421



Item Number: 304

Addendum StartPage: 0

SOAH DOCKET NO. 473-19-3864
PUC DOCKET NO. 49421

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APPLICATION OF CENTERPOINT § BEFORE THE STATE OFFICE
ENERGY HOUSTON ELECTRIC, LLC § OF
FOR AUTHORITY TO CHANGE RATES § ADMINISTRATIVE HEARINGS

May 22, 2019

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TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
CenterPoint Energy Houston Electric, LLC's Revised Response to City of Houston's Second Requests for Information, Question COH02-06R	2-18
Certificate of Service	19

3024

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864
CITY OF HOUSTON
REQUEST NO.: COH02-06R**

QUESTION:

Please refer to page 37 of Mr. Troxle's testimony and provide the following information:

- a. Total number of street lights in each of the calendar years 2014, 2015, 2016, and 2017.
- b. Total number of LED street lights by type of initial lumen and watt in each of the calendar years 2014, 2015, 2016, and 2017.
- c. Total number of non-LED street lights by type of initial lumen and watt in each of the calendar years 2014, 2015, 2016, and 2017.
- d. Total number of LED street lights by type of initial lumen and watt for City of Houston in in each of the calendar years 2014, 2015, 2016, and 2017.
- e. Total number of non-LED street lights by type of initial lumen and watt for City of Houston in each of the calendar years 2014, 2015, 2016, and 2017.

ANSWER:

Please see attachment COH02-06R Attachment 1.xlsx. This response and its attachment replace COH02-06 and COH02-06U.

SPONSOR (PREPARER):

Julienne Sugarek (Julienne Sugarek)

RESPONSIVE DOCUMENTS:

COH02-06R Attachment 1.xlsx

Please refer to page 37 of Mr. Troxle’s testimony and provide the following information:

a. Total number of streetlights in each of the calendar years 2014, 2015, 2016, and 2017.

2014	416,858
2015	422,923
2016	440,724
2017	453,125

b. Total number of LED street lights by type of initial lumen and watt in each of the calendar years

Year	Lumen	Watt	Total
2014	N/a	N/a	0

Year	Lumen	Watt	Total
2015	7900 LUMEN	95	53
	7900 LUMEN	95	3
	4800 LUMEN	45	101
	4800 LUMEN	45	35
	4800 LUMEN	45	16,949
	4800 LUMEN	45	36
	4800 LUMEN	45	22
	4800 LUMEN	45	11,591
	15100 LUMEN	180	3
	10850 LUMEN	115	5,656
	10850 LUMEN	115	36
	10850 LUMEN	115	7
	10850 LUMEN	115	34
	10850 LUMEN	115	1,921
	10850 LUMEN	115	26
	10850 LUMEN	115	8
	7900 LUMEN	95	6,018
	7900 LUMEN	95	12
	7900 LUMEN	95	540
	4800 LUMEN	45	3
	4800 LUMEN	45	365
	10850 LUMEN	115	4
	10850 LUMEN	115	3
4800 LUMEN	45	15	
Total:			43,441

Year	Lumen	Watt	Total
2016	7900 LUMEN	95	106
	7900 LUMEN	95	8
	4800 LUMEN	45	258
	4800 LUMEN	45	57
	4800 LUMEN	45	35,284
	4800 LUMEN	45	114
	4800 LUMEN	45	64
	4800 LUMEN	45	28,690
	4800 LUMEN	45	142
	15100 LUMEN	180	226

15100 LUMEN	180	12
10850 LUMEN	115	14,642
10850 LUMEN	115	125
10850 LUMEN	115	169
10850 LUMEN	115	70
10850 LUMEN	115	7,572
10850 LUMEN	115	328
10850 LUMEN	115	42
7900 LUMEN	95	13,405
7900 LUMEN	95	3
7900 LUMEN	95	19
7900 LUMEN	95	74
7900 LUMEN	95	1,964
7900 LUMEN	95	74
4800 LUMEN	45	156
4800 LUMEN	45	5
4800 LUMEN	45	1,257
15100 LUMEN	180	993
15100 LUMEN	180	28
10850 LUMEN	115	11
10850 LUMEN	115	188
4800 LUMEN	45	24
Total:		106,110

Year	Lumen	Watt	Total
2017	7900 LUMEN	95	132
	7900 LUMEN	95	13
	4800 LUMEN	45	449
	4800 LUMEN	45	246
	4800 LUMEN	45	46,779
	4800 LUMEN	45	141
	4800 LUMEN	45	94
	4800 LUMEN	45	59,102
	4800 LUMEN	45	166
	15100 LUMEN	180	6
	15100 LUMEN	180	232
	15100 LUMEN	180	14
	10850 LUMEN	115	21,699
	10850 LUMEN	115	182
	10850 LUMEN	115	227
	10850 LUMEN	115	152
	10850 LUMEN	115	13,454
	10850 LUMEN	115	618
	10850 LUMEN	115	24
	10850 LUMEN	115	68
	7900 LUMEN	95	17,587
	7900 LUMEN	95	6
	7900 LUMEN	95	19
7900 LUMEN	95	74	
7900 LUMEN	95	3,990	
7900 LUMEN	95	244	

4800 LUMEN	45	235
4800 LUMEN	45	5
4800 LUMEN	45	1,888
15100 LUMEN	180	1,112
15100 LUMEN	180	34
10850 LUMEN	115	123
10850 LUMEN	115	1,212
4800 LUMEN	45	28
Total:		170,355

c. Total number of non-LED street lights by type of initial lumen and watt in each of the calendar years

Year	Lumen	Watt	Total
2014	4200 MV	N/A	6552
	6000 HPS	N/A	8501
	7800 MV	N/A	631
	9500 HPS	N/A	296934
	15000 HPS	N/A	38941
	22600 MV	N/A	447
	28000 HPS	N/A	56111
	50000 HPS	N/A	2366
	12900 MH	N/A	276
	7900 MH	N/A	1845
	19475 MH	N/A	2241
	32,200 MH	N/A	2013
	Total		

Year	Lumen	Watt	Total
2015	4200 LUMEN	100	991
	4200 LUMEN	100	1
	4200 LUMEN	100	3,592
	6000 LUMEN	70	749
	6000 LUMEN	70	32
	6000 LUMEN	70	7,148
	7800 LUMEN	175	140
	7800 LUMEN	175	64
	9500 LUMEN	100	42,296
	9500 LUMEN	100	155
	9500 LUMEN	100	117
	9500 LUMEN	100	228,657
	9500 LUMEN	100	1,322
	9500 LUMEN	100	90
	9500 LUMEN	100	2
	9500 LUMEN	100	5,412
	9500 LUMEN	100	502
	15000 LUMEN	150	16,317
	15000 LUMEN	150	9
	15000 LUMEN	150	66
	15000 LUMEN	150	82
	15000 LUMEN	150	12,280
	15000 LUMEN	150	2,154
	15000 LUMEN	150	6

15000 LUMEN	150	2
15000 LUMEN	150	758
22600 LUMEN	400	175
22600 LUMEN	400	2
22600 LUMEN	400	31
22600 LUMEN	400	6
28000 LUMEN	250	20,325
28000 LUMEN	250	167
28000 LUMEN	250	319
28000 LUMEN	250	246
28000 LUMEN	250	22,877
28000 LUMEN	250	2,482
28000 LUMEN	250	13
28000 LUMEN	250	30
28000 LUMEN	250	60
28000 LUMEN	250	1
28000 LUMEN	250	502
28000 LUMEN	250	182
50000 LUMEN	400	1,064
50000 LUMEN	400	5
50000 LUMEN	400	1,109
50000 LUMEN	400	70
50000 LUMEN	400	8
50000 LUMEN	400	16
50000 LUMEN	400	20
12900 LUMEN	175	1
12900 LUMEN	175	335
12900 LUMEN	175	106
7900 LUMEN	100	40
7900 LUMEN	100	2
7900 LUMEN	100	1,886
7900 LUMEN	100	112
19475 LUMEN	250	167
19475 LUMEN	250	1,944
19475 LUMEN	250	96
19475 LUMEN	250	127
32200 LUMEN	400	38
32200 LUMEN	400	1,448
32200 LUMEN	400	240
32200 LUMEN	400	182
32200 LUMEN	400	104
	Total:	379,482

Year	Lumen	Watt	Total
2016	4200 LUMEN	100	765
	4200 LUMEN	100	1
	4200 LUMEN	100	3,123
	6000 LUMEN	70	597
	6000 LUMEN	70	26
	6000 LUMEN	70	6,322
	7800 LUMEN	175	101
	7800 LUMEN	175	55

9500 LUMEN	100	26,878
9500 LUMEN	100	80
9500 LUMEN	100	80
9500 LUMEN	100	220,578
9500 LUMEN	100	1,368
9500 LUMEN	100	91
9500 LUMEN	100	2
9500 LUMEN	100	5,685
9500 LUMEN	100	758
15000 LUMEN	150	9,936
15000 LUMEN	150	7
15000 LUMEN	150	20
15000 LUMEN	150	8
15000 LUMEN	150	11,487
15000 LUMEN	150	2,120
15000 LUMEN	150	6
15000 LUMEN	150	2
15000 LUMEN	150	758
22600 LUMEN	400	128
22600 LUMEN	400	2
22600 LUMEN	400	16
22600 LUMEN	400	4
28000 LUMEN	250	13,348
28000 LUMEN	250	98
28000 LUMEN	250	210
28000 LUMEN	250	210
28000 LUMEN	250	18,332
28000 LUMEN	250	2,278
28000 LUMEN	250	13
28000 LUMEN	250	30
28000 LUMEN	250	72
28000 LUMEN	250	1
28000 LUMEN	250	580
28000 LUMEN	250	232
50000 LUMEN	400	962
50000 LUMEN	400	4
50000 LUMEN	400	1,066
50000 LUMEN	400	70
50000 LUMEN	400	8
50000 LUMEN	400	16
50000 LUMEN	400	18
12900 LUMEN	175	1
12900 LUMEN	175	415
12900 LUMEN	175	126
7900 LUMEN	100	40
7900 LUMEN	100	2
7900 LUMEN	100	2,133
7900 LUMEN	100	120
19475 LUMEN	250	164
19475 LUMEN	250	1,780
19475 LUMEN	250	96
19475 LUMEN	250	113

32200 LUMEN	400	24
32200 LUMEN	400	564
32200 LUMEN	400	198
32200 LUMEN	400	182
32200 LUMEN	400	104
Total:		334,614

Year	Lumen	Watt	Total
2017	4200 LUMEN	100	520
	4200 LUMEN	100	1
	4200 LUMEN	100	2,528
	6000 LUMEN	70	499
	6000 LUMEN	70	16
	6000 LUMEN	70	5,625
	7800 LUMEN	175	65
	7800 LUMEN	175	44
	9500 LUMEN	100	15,483
	9500 LUMEN	100	53
	9500 LUMEN	100	60
	9500 LUMEN	100	200,758
	9500 LUMEN	100	1,364
	9500 LUMEN	100	101
	9500 LUMEN	100	2
	9500 LUMEN	100	5,876
	9500 LUMEN	100	764
	15000 LUMEN	150	5,721
	15000 LUMEN	150	4
	15000 LUMEN	150	20
	15000 LUMEN	150	8
	15000 LUMEN	150	10,628
	15000 LUMEN	150	2,028
	15000 LUMEN	150	6
	15000 LUMEN	150	2
	15000 LUMEN	150	758
	22600 LUMEN	400	104
	22600 LUMEN	400	2
	22600 LUMEN	400	12
	22600 LUMEN	400	4
	28000 LUMEN	250	6,759
	28000 LUMEN	250	40
28000 LUMEN	250	149	
28000 LUMEN	250	128	
28000 LUMEN	250	13,097	
28000 LUMEN	250	2,066	
28000 LUMEN	250	13	
28000 LUMEN	250	6	
28000 LUMEN	250	66	
28000 LUMEN	250	1	
28000 LUMEN	250	608	
28000 LUMEN	250	260	
50000 LUMEN	400	606	

50000 LUMEN	400	4
50000 LUMEN	400	968
50000 LUMEN	400	56
50000 LUMEN	400	8
50000 LUMEN	400	16
50000 LUMEN	400	18
12900 LUMEN	175	3
12900 LUMEN	175	444
12900 LUMEN	175	146
7900 LUMEN	100	40
7900 LUMEN	100	2
7900 LUMEN	100	2,307
7900 LUMEN	100	102
19475 LUMEN	250	43
19475 LUMEN	250	780
19475 LUMEN	250	96
19475 LUMEN	250	123
32200 LUMEN	400	10
32200 LUMEN	400	453
32200 LUMEN	400	198
32200 LUMEN	400	98
Total:		282,770

d. Total number of LED street lights by type of initial lumen and watt for City of Houston in each of the calendar years

Year	Lumen	Watt	Total
2014	N/a	N/a	0

Year	Lumen	Watt	begin	added	end
2015	95w LED;175wMV	7800 LUMENS 95W LED;175WMV OVERHEAD LAMP COUNT 01	46	7	53
	95w LED;175wMV	9500 LUMENS 95W LED;175WMV UNDERGROUND LAMP COUNT 01	3	0	3
	45w LED;100wMV	4800 LUMENS 45W LED;100WMV OVERHEAD LAMP COUNT 01	90	11	101
	45w LED;100wMV	4200 LUMENS 45W LED;100WMV OVERHEAD LAMP COUNT 01	160	0	143
	45w LED;100wMV	4200 LUMENS 45W LED;100WMV UNDERGROUND LAMP COUNT 01	16	5	20
	45 LED	9500 LUMENS 45 LED OVERHEAD LAMP COUNT 01	16,468	457	16,925
	45 LED	9500 LUMENS 45 LED OVERHEAD LAMP COUNT 01	35	1	36
	45 LED	9500 LUMENS 45 LED UNDERGROUND LAMP COUNT 01	22	0	22

45 LED	9500 LUMENS 45 LED UNDERGROUND LAMP COUNT 01	10,671	496	11,165
180 LED	28000 LUMENS 180 LED UNDERGROUND LAMP COUNT 01	0	5	3
115 LED	28000 LUMENS 115 LED OVERHEAD LAMP COUNT 01	4,927	730	5,656
115 LED	28000 LUMENS 115 LED OVERHEAD LAMP COUNT 01	32	4	36
115 LED	28000 LUMENS 115 LED UNDERGROUND LAMP COUNT 01	5	2	7
115 LED	28000 LUMENS 115 LED UNDERGROUND LAMP COUNT 02	26	8	34
115 LED	28000 LUMENS 115 LED UNDERGROUND LAMP COUNT 01	1,680	241	1,921
115 LED	28000 LUMENS 115 LED UNDERGROUND LAMP COUNT 02	22	4	26
115 LED	28000 LUMENS 115 LED OVERHEAD LAMP COUNT 02	2	6	8
95 LED	15000 LUMENS 95 LED OVERHEAD LAMP COUNT 01	5,461	555	6,015
95 LED	15000 LUMENS 95 LED UNDERGROUND LAMP COUNT 01	12	0	12
95 LED	15000 LUMENS 95 LED UNDERGROUND LAMP COUNT 01	53	0	51
95 LED	15000 LUMENS 95 LED UNDERGROUND LAMP COUNT 01	482	55	536
45w LED;70wHPS	6000 LUMENS 45W LED;70WHPS OVERHEAD LAMP COUNT 01	3	0	3
45w LED;70wHPS	6000 LUMENS 45W LED;70WHPS UNDERGROUND LAMP COUNT 01	324	41	365
45w LED;70wHPS	6000 LUMENS 45W LED;70WHPS UNDERGROUND LAMP COUNT 01	1,719	0	1,627
115w LED;250MH	28000 LUMENS 115W LED;250MH OVERHEAD LAMP COUNT 01	4	0	4
115w LED;250MH	28000 LUMENS 115W LED;250MH UNDERGROUND LAMP COUNT 01	3	0	3
45w LED;100wMH	9500 LUMENS 45W LED;100WMH UNDERGROUND LAMP COUNT 01	13	2	15

Year	Lumen	Watt	begin	added	end
2016	95w LED;175wMV	7900 LUMENS 95W LED;175WMV OVERHEAD LAMP COUNT 01	106	0	106
	95w LED;175wMV	7900 LUMENS 95W LED;175WMV UNDERGROUND LAMP COUNT 01	8	0	8
	45w LED;100wMV	4800 LUMENS 45W LED;100WMV OVERHEAD LAMP COUNT 01	204	2	206
	45w LED;100wMV	4800 LUMENS 45W LED;100WMV UNDERGROUND LAMP COUNT 01	41	1	42
	45 LED	4800 LUMENS 45 LED OVERHEAD LAMP COUNT 01	31,559	1,003	32,557
	45 LED	4800 LUMENS 45 LED OVERHEAD LAMP COUNT 01	110	3	113
	45 LED	4800 LUMENS 45 LED UNDERGROUND LAMP COUNT 01	55	0	55
	45 LED	4800 LUMENS 45 LED UNDERGROUND LAMP COUNT 01	25,826	885	26,700
	45 LED	4800 LUMENS 45 LED UNDERGROUND LAMP COUNT 01	5	0	5
	45 LED	4800 LUMENS 45 LED UNDERGROUND LAMP COUNT 02	146		130
	180 LED	15100 LUMENS 180 LED UNDERGROUND LAMP COUNT 01	210	2	212
	180 LED	15100 LUMENS 180 LED UNDERGROUND LAMP COUNT 02	6	0	6
	115 LED	10850 LUMENS 115 LED OVERHEAD LAMP COUNT 01	13,612	564	14,149
	115 LED	10850 LUMENS 115 LED OVERHEAD LAMP COUNT 01	121	4	125
	115 LED	10850 LUMENS 115 LED UNDERGROUND LAMP COUNT 01	167	3	169
	115 LED	10850 LUMENS 115 LED OVERHEAD LAMP COUNT 02	64	4	68
	115 LED	10850 LUMENS 115 LED UNDERGROUND LAMP COUNT 01	6,978	411	7,373
	115 LED	10850 LUMENS 115 LED UNDERGROUND LAMP COUNT 02	254	20	270
	115 LED	10850 LUMENS 115 LED OVERHEAD LAMP COUNT 02	42	0	42
95 LED	7900 LUMENS 95 LED OVERHEAD LAMP COUNT 01	12,372	830	13,197	
95 LED	7900 LUMENS 95 LED UNDERGROUND LAMP COUNT 01	19	0	19	

95 LED	7900 LUMENS 95 LED UNDERGROUND LAMP COUNT 01	1,806	82	1,885
95 LED	7900 LUMENS 95 LED UNDERGROUND LAMP COUNT 02	28	0	28
45w LED;70wHPS	4800 LUMENS 45W LED;70WHPS OVERHEAD LAMP COUNT 01	4	0	4
45w LED;70wHPS	4800 LUMENS 45W LED;70WHPS UNDERGROUND LAMP COUNT 01	1,096	26	1,122
180w LED; 400wMH	15100 LUMENS 180W LED; 400WMH CONST UNDERGROUND LAMP COUNT 0	891	105	993
180w LED, 400wMH	15100 LUMENS 180W LED; 400WMH CONST UNDERGROUND LAMP COUNT 0	28	0	28
115w LED;250MH	10850 LUMENS 115W LED;250MH OVERHEAD LAMP COUNT 01	10	1	11
115w LED,250MH	10850 LUMENS 115W LED;250MH UNDERGROUND LAMP COUNT 01	187	1	188
45w LED;100wMH	4800 LUMENS 45W LED;100WMH UNDERGROUND LAMP COUNT 01	23	1	24

Year	Lumen	Watt	begin	added	end
2017	7900 LUMEN LED	95	115	6	121
	7900 LUMEN LED	95	12	0	12
	4800 LUMEN LED	45	216	24	240
	4800 LUMEN LED	45	90	2	92
	4800 LUMEN LED	45	38,582	1,708	40,287
	4800 LUMEN LED	45	127	10	137
	4800 LUMEN LED	45	69	1	70
	4800 LUMEN LED	45	47,681	2,939	50,614
	4800 LUMEN LED	45	146	0	146
	15100 LUMEN LED	180	218	0	218
	15100 LUMEN LED	180	8	0	8
	10850 LUMEN LED	115	19,257	841	20,096
	10850 LUMEN LED	115	178	4	182
	10850 LUMEN LED	115	195	1	196
	10850 LUMEN LED	115	150	0	150
	10850 LUMEN LED	115	12,034	742	12,775
	10850 LUMEN LED	115	402	86	486
	10850 LUMEN LED	115	68	0	68
	7900 LUMEN LED	95	15,896	1,160	17,055

7900 LUMEN LED	95	6	0	6
7900 LUMEN LED	95	19	0	19
7900 LUMEN LED	95	3,604	172	3,747
7900 LUMEN LED	95	48	4	52
4800 LUMEN LED	45	5	1	6
4800 LUMEN LED	45	1,597	134	1,731
15100 LUMEN LED	180	1,112	0	1,112
15100 LUMEN LED	180	34	0	34
10850 LUMEN LED	115	123	0	123
10850 LUMEN LED	115	1,126	88	1,212
4800 LUMEN LED	45	29	0	28

e. Total number of non-LED street lights by type of initial lumen and watt for City of Houston in each of the calendar years

Year	Lumen	Watt	Type	Total
2014	4,200	100w	MV	1480
	7,800	175w	MV	476
	22,600	400w	MV	264
	58,000	1000w	MV	4
	70w	6,000	HPS	2,189
	100w	9,500	HPS	99,410
	150w	15,000	HPS	24,835
	250w	28,000	HPS	40,463
	400w	50,000	HPS	936
	400w	32,200	MH	1,807
	250w	19,475	MH	1,969
	100w	7,900	MH	297

Year	Lumen	Watt	begin	added	end
2015	100 MV	4200 LUMENS 100 MV UNDERGROUND LAMP COUNT 01	334	0	328
	70 HPS	6000 LUMENS 70 HPS OVERHEAD LAMP COUNT 01	5	0	5
	175 MV	7800 LUMENS 175 MV OVERHEAD LAMP COUNT 01	94	0	68
	175 MV	7800 LUMENS 175 MV UNDERGROUND LAMP COUNT 01	12	0	10
	100 HPS	9500 LUMENS 100 HPS OVERHEAD LAMP COUNT 01	24,803	0	23,008
	100 HPS	9500 LUMENS 100 HPS OVERHEAD LAMP COUNT 01	121	0	119
	100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	56	0	45

100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	46,595		45,233
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 02	48	0	48
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	886	1	887
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 02	56	0	56
150 HPS	15000 LUMENS 150 HPS OVERHEAD LAMP COUNT 01	13,808	0	12,309
150 HPS	15000 LUMENS 150 HPS OVERHEAD LAMP COUNT 01	9	0	9
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 01	4,566	0	4,339
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 02	182	0	182
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 01	106	0	106
400 MV	22600 LUMENS 400 MV OVERHEAD LAMP COUNT 01	72	0	48
400 MV	22600 LUMENS 400 MV UNDERGROUND LAMP COUNT 01	12	0	10
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 01	16,490	0	14,346
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 01	181	0	157
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 01	203	0	147
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 02	228	0	222
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 01	16,000	5	15,136
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 02	904	0	870
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 02	56	0	52
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 01	132	0	132
400 HPS	50000 LUMENS 400 HPS OVERHEAD LAMP COUNT 01	523	0	504
400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 01	5	0	5

400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 01	316	1	317
400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 02	32	0	32
400 HPS	50000 LUMENS 400 HPS OVERHEAD LAMP COUNT 02	12	0	12
50 MH Preston	7900 LUMENS 50 MH PRESTON UNDERGROUND LAMP COUNT 05	40	0	40
50 MH Preston	7900 LUMENS 50 MH PRESTON UNDERGROUND LAMP COUNT 01	324	1	325
250 MH Clear	19475 LUMENS 250 MH CLEAR OVERHEAD LAMP COUNT 01	145	0	144
250 MH Clear	19475 LUMENS 250 MH CLEAR UNDERGROUND LAMP COUNT 01	1,702	0	1,701
250 MH Coated	19475 LUMENS 250 MH COATED OVERHEAD LAMP COUNT 02	127	0	127
400 MH Constl	32200 LUMENS 400 MH CONSTL OVERHEAD LAMP COUNT 01	36	0	35
400 MH Constl	32200 LUMENS 400 MH CONSTL UNDERGROUND LAMP COUNT 01	1,553	1	1,433
400 MH Theatre	32200 LUMENS 400 MH THEATRE UNDERGROUND LAMP COUNT 02	152	0	152
400 MH Constl	32200 LUMENS 400 MH CONSTL OVERHEAD LAMP COUNT 02	182	0	182

Year	Lumen	Watt	begin	added	end
2016	100 MV	4200 LUMENS 100 MV OVERHEAD LAMP COUNT 01	57	0	55
	100 MV	4200 LUMENS 100 MV UNDERGROUND LAMP COUNT 01	266	0	264
	70 HPS	6000 LUMENS 70 HPS OVERHEAD LAMP COUNT 01	4	0	4
	70 HPS	6000 LUMENS 70 HPS UNDERGROUND LAMP COUNT 01	975	0	943
	250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 01	42	0	38
	175 MV	7800 LUMENS 175 MV OVERHEAD LAMP COUNT 01	35	0	35
	175 MV	7800 LUMENS 175 MV UNDERGROUND LAMP COUNT 01	6	0	6
	100 HPS	9500 LUMENS 100 HPS OVERHEAD LAMP COUNT 01	10,697	1	9,696
	100 HPS	9500 LUMENS 100 HPS OVERHEAD LAMP COUNT 01	47	0	44
	100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	18	0	18

100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	32,485	18	31,455
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 02	46	2	46
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 01	905	132	1,037
100 HPS	9500 LUMENS 100 HPS UNDERGROUND LAMP COUNT 02	56	0	56
400 MH constl	32200 LUMENS 400 MH CONSTL UNDERGROUND LAMP COUNT 01	659	2	559
150 HPS	15000 LUMENS 150 HPS OVERHEAD LAMP COUNT 01	6,945	2	6,116
150 HPS	15000 LUMENS 150 HPS OVERHEAD LAMP COUNT 01	7	0	7
150 HPS	15000 LUMENS 150 HPS OVERHEAD LAMP COUNT 01	7	0	7
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 01	3,215	2	3,128
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 02	168	2	166
150 HPS	15000 LUMENS 150 HPS UNDERGROUND LAMP COUNT 01	106	0	106
400 MV	22600 LUMENS 400 MV OVERHEAD LAMP COUNT 01	17	0	17
400 MV	22600 LUMENS 400 MV UNDERGROUND LAMP COUNT 01	2	0	2
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 01	8,344	1	7,829
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 01	92	0	88
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 02	192	0	188
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 01	11,011	10	10,667
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 02	682	4	670
250 HPS	28000 LUMENS 250 HPS OVERHEAD LAMP COUNT 02	62	4	64
250 HPS	28000 LUMENS 250 HPS UNDERGROUND LAMP COUNT 01	132	0	132
400 HPS	50000 LUMENS 400 HPS OVERHEAD LAMP COUNT 01	429	0	414
400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 01	4	0	4

400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 01	277	0	272
400 HPS	50000 LUMENS 400 HPS UNDERGROUND LAMP COUNT 02	32	0	32
400 HPS	50000 LUMENS 400 HPS OVERHEAD LAMP COUNT 02	12	0	12
50 MH Preston	7900 LUMENS 50 MH PRESTON UNDERGROUND LAMP COUNT 05	20	20	40
100 MH	7900 LUMENS 100 MH UNDERGROUND LAMP COUNT 01	413	1	365
250 MH Clear	19475 LUMENS 250 MH CLEAR OVERHEAD LAMP COUNT 01	145	2	141
250 MH Clear	19475 LUMENS 250 MH CLEAR UNDERGROUND LAMP COUNT 01	1,493	0	1,490
250 MH Coated	19475 LUMENS 250 MH COATED OVERHEAD LAMP COUNT 02	107	10	113
400 MH Constl	32200 LUMENS 400 MH CONSTL OVERHEAD LAMP COUNT 01	24	0	21
400 MH Theatre	32200 LUMENS 400 MH THEATRE UNDERGROUND LAMP COUNT 02	116	4	116
400 MH Constl	32200 LUMENS 400 MH CONSTL OVERHEAD LAMP COUNT 02	178	4	182

Year	Lumen	Watt	begin	added	end
2017	4200 LUMEN MV	100	41	0	17
	4200 LUMEN MV	100	192	0	183
	6000 LUMEN HPS	70	4	0	3
	6000 LUMEN HPS	70	406	0	270
	7800 LUMEN MV	175	20	0	14
	7800 LUMEN MV	175	2	0	2
	9500 LUMEN HPS	100	3,563	0	1,856
	9500 LUMEN HPS	100	30	0	20
	9500 LUMEN HPS	100	4	0	3
	9500 LUMEN HPS	100	10,860	2	7,963
	9500 LUMEN HPS	100	36	0	36
	9500 LUMEN HPS	100	1,055	1	1,056
	9500 LUMEN HPS	100	54	0	54
	15000 LUMEN HPS	150	3,343	0	2,181
	15000 LUMEN HPS	150	4	0	4
	15000 LUMEN HPS	150	7	0	7
	15000 LUMEN HPS	150	1,429	0	1,258
	15000 LUMEN HPS	150	162	0	158
	15000 LUMEN HPS	150	106	0	106
	22600 LUMEN MV	400	14	0	14

22600 LUMEN MV	400	2	0	2
28000 LUMEN HPS	250	3,034	0	2,196
28000 LUMEN HPS	250	34	0	30
28000 LUMEN HPS	250	10	0	9
28000 LUMEN HPS	250	106	0	106
28000 LUMEN HPS	250	6,368	3	5,729
28000 LUMEN HPS	250	526	2	448
28000 LUMEN HPS	250	58	0	58
28000 LUMEN HPS	250	133	0	133
50000 LUMEN HPS	400	103	0	102
50000 LUMEN HPS	400	4	0	4
50000 LUMEN HPS	400	199	0	197
50000 LUMEN HPS	400	18	0	18
50000 LUMEN HPS	400	12	0	12
7900 LUMEN MH	100	40	0	40
7900 LUMEN MH	100	384	6	389
19475 LUMEN MH	250	20	0	20
19475 LUMEN MH	250	561	0	466
19475 LUMEN MH	250	123	0	123
32200 LUMEN MH	400	7	0	7
32200 LUMEN MH	400	437	0	437
32200 LUMEN MH	400	114	0	114

CERTIFICATE OF SERVICE

I hereby certify that on this 22nd day of May 2019, a true and correct copy of the foregoing document was served on all parties of record in accordance with 16 Tex. Admin. Code § 22.74.


