



Southern Pioneer Electric Company
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July 12, 2024

Lynn Retz
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, Kansas 66604

**RE: Southern Pioneer Electric Company
LED Semi-Annual Report**

Dear Ms. Retz:

On July 14, 2020, the Kansas Corporation Commission (the "Commission") issued an order in Docket No. 20-SPEE-169-RTS ("169 Docket") approving the Joint Motion for Approval of Unanimous Stipulation and Agreement ("Settlement") by and between Southern Pioneer Electric Company ("Southern Pioneer") and intervening parties. The Order directed that Southern Pioneer file a semi-annual report on LED lighting.

Therefore, pursuant to the Commission's Order, Southern Pioneer files its eighth LED semi-annual report. This filing is supported by and includes work papers prepared by Southern Pioneer evidencing LED operations, replacement, and maintenance information.

Specifically, and attached hereto, you will find the following Exhibits and documents to support the filing:

Exhibit 1	Replaced Installed Count
Exhibit 2	Fixture Replacement
Exhibit 3	Fixture Maintenance

As always, Southern Pioneer looks forward to the Commission's approval of this filing. Should Staff or you have questions regarding this filing or request additional information, please do not hesitate to contact me at 620-952-1828 or cscott@pioneerelectric.coop.

Regards,

Chantry C. Scott
Assistant CEO-Executive VP/CFO

cc: Lindsay Campbell
Tim Stringer
Lana Ellis

Southern Pioneer Electric Company
 8th Semi-Annual LED Report
 Exhibit 1
 Replaced Installed Count

Date: 07-12-2024

Line No	Description	Current Reporting Period Information		Cumulative Reporting Information	
		Replaced this Period	Installed this Period	Total Replaced	Total Installed
<u>PAL/Street Lighting</u>					
1	Mercury Vapor	-	-	-	-
2	HPS	176	-	2,082	14
3	Metal Halide	-	-	-	-
4	LED	13	187	102	2,201
5	Sub Total	<u>189</u>	<u>187</u>	<u>2,184</u>	<u>2,215</u>
<u>Flood Lighting</u>					
6	Mercury Vapor	-	-	-	-
7	HPS	80	-	456	47
8	Metal Halide	-	-	-	-
9	LED	4	83	53	455
10	Sub Total	<u>84</u>	<u>83</u>	<u>509</u>	<u>502</u>
<u>Totals</u>					
11	Mercury Vapor	-	-	-	-
12	HPS	256	-	2,538	61
13	Metal Halide	-	-	-	-
14	LED	17	270	155	2,656
15	Total	<u>273</u>	<u>270</u>	<u>2,693</u>	<u>2,717</u>

Southern Pioneer Electric Company
8th Semi-Annual LED Report
Exhibit 2
Fixture Replacement

Current Reporting Period Information

Line No	Description	Semi Annual Actual Amount
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PAL/Street Lighting

1	<i>(Asset Description/Record Unit)</i>	
2	108W LED ROADWAY LIGHT LUMEC	3,841
3	50W LED LIGHT	64,822
4	215W LED LIGHT	4,181
5	HPS OPEN STREET LIGHTS	-
6		
7	Subtotal	<u>\$ 72,844</u>

Flood Lighting

8	<i>(Asset Description/Record Unit)</i>	
9	FLOOD LIGHT--SODIUM	-
10	43W LED FLOOD LIGHT	21,436
11	140W LED FLOOD LIGHT	45,520
12	459W LED FLOOD LIGHT	12,063
13		
14	Subtotal	<u>\$ 79,018</u>

Total Lighting

15	<i>(Asset Description/Record Unit)</i>	
16	108W LED ROADWAY LIGHT LUMEC	3,841
17	50W LED LIGHT	64,822
18	215W LED LIGHT	4,181
19	HPS OPEN STREET LIGHTS	-
20	FLOOD LIGHT--SODIUM	-
21	43W LED FLOOD LIGHT	21,436
22	140W LED FLOOD LIGHT	45,520
23	459W LED FLOOD LIGHT	12,063
24	Subtotal	<u>\$ 151,862</u>

Cumulative Reporting Information

Line No	Description	Cumulative Actual Amount
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PAL/Street Lighting

25	<i>(Asset Description/Record Unit)</i>	
26	108W LED ROADWAY LIGHT LUMEC	160,401
27	50W LED LIGHT	563,144
28	215W LED LIGHT	50,345
29	HPS OPEN STREET LIGHTS	1,486
30		
31	Subtotal	<u>\$ 775,376</u>

Flood Lighting

32	<i>(Asset Description/Record Unit)</i>	
33	FLOOD LIGHT--SODIUM	5,140
34	43W LED FLOOD LIGHT	131,690
35	140W LED FLOOD LIGHT	342,702
36	459W LED FLOOD LIGHT	76,105
37		
38	Subtotal	<u>\$ 555,638</u>

Total Lighting

39	<i>(Asset Description/Record Unit)</i>	
40	108W LED ROADWAY LIGHT LUMEC	160,401
41	50W LED LIGHT	563,144
42	215W LED LIGHT	50,345
43	HPS OPEN STREET LIGHTS	1,486
44	FLOOD LIGHT--SODIUM	5,140
45	43W LED FLOOD LIGHT	131,690
46	140W LED FLOOD LIGHT	342,702
47	459W LED FLOOD LIGHT	76,105
48		
49	Subtotal	<u>\$ 1,331,014</u>

Southern Pioneer Electric Company
 8th Semi-Annual LED Report
 Exhibit 3
 Fixture Maintenance

Current Reporting Period Information

Line No	Description	Actual Amount
<u>PAL/Street Lighting</u>		
1	GL 596	\$ 1,601
2	GL 596.1	206
3		
4		
5		
6		
7	Subtotal	<u>\$ 1,807</u>

Flood Lighting

8		
9		
10		
11		
12		
13		
14	Subtotal	<u>\$ -</u>

Total Lighting

15		
16		
17		
18		
19		
20		
21	Subtotal	<u>\$ -</u>

Cumulative Reporting Information

Line No	Description	Actual Amount
<u>PAL/Street Lighting</u>		
22	GL 596	\$ 34,732
23	GL 596.1	12,486
24		
25		
26		
27		
28	Subtotal	<u>\$ 47,219</u>

Flood Lighting

29		
30		
31		
32		
33		
34		
35	Subtotal	<u>\$ -</u>

Total Lighting

36	GL 596	\$ 34,732
37	GL 596.1	12,486
38		
39		
40		
41		
42	Subtotal	<u>\$ 47,219</u>