

Exhibit No.: \_\_\_\_\_  
Issue: Lighting Tariffs  
Witness: Samuel S. McGarrah  
Type of Exhibit: Rebuttal Testimony  
Sponsoring Party: The Empire District  
Electric Company  
Case No.: ER-2019-0374  
Date Testimony Prepared: March 2020

**Before the Public Service Commission  
of the State of Missouri**

**Rebuttal Testimony**

**of**

**Samuel S. McGarrah**

**on behalf of**

**The Empire District Electric Company -  
a Liberty Utilities Company**

**March 2020**



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OF  
SAMUEL S. MCGARRAH  
THE EMPIRE DISTRICT ELECTRIC COMPANY  
BEFORE THE  
MISSOURI PUBLIC SERVICE COMMISSION  
CASE NO. ER-2019-0374

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1 **I. INTRODUCTION**

2 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

3 A. My name is Samuel S. McGarrah, and my business address is 602 Joplin Street,  
4 Joplin, MO, 64802.

5 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

6 A. I am employed by Liberty Utilities Service Corp. as the Director of System  
7 Performance for The Empire District Electric Company (“Liberty-Empire” or the  
8 “Company”).

9 **Q. ARE YOU THE SAME SAMUEL S. MCGARRAH WHO FILED DIRECT**  
10 **TESTIMONY IN THIS MATTER ON BEHALF OF LIBERTY-EMPIRE?**

11 A. Yes. With my Direct Testimony filed with the Missouri Public Service Commission  
12 (“Commission”) on August 14, 2019, I address the continuation of Liberty-Empire’s  
13 light emitting diode (“LED”) municipal street lighting tariff, a proposed change to the  
14 original municipal street lighting tariff, and an LED option that Liberty-Empire  
15 proposes to offer its customers for private lighting.

16 **Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY IN THIS**  
17 **PROCEEDING?**

18 A. I respond to the Direct Testimony filed in this matter by the Staff of the Commission  
19 (“Staff”) with regard to the lighting tariffs addressed in my Direct Testimony.

20

1 **II. MUNICIPAL STREET LIGHTING TARIFFS**

2 **Q. DOES LIBERTY-EMPIRE OFFER A MUNICIPAL STREET LIGHTING**  
3 **SERVICE?**

4 A. Yes. Liberty-Empire has two municipal street lighting tariffs: (1) Municipal Street  
5 Lighting Service – LED Tariff, Schedule SPL-LED, PSC Mo. No. 5, Sec. 3, 4<sup>th</sup>  
6 Revised Sheet No. 6 and 3<sup>rd</sup> Revised Sheet No. 7, which took effect on July 27, 2018;  
7 and (2) Municipal Street Lighting Tariff, Schedule SPL, PSC Mo. No. 5, Sec. 3, 17<sup>th</sup>  
8 Revised Sheet No. 1 and 7<sup>th</sup> Revised Sheet No. 1a.

9 **Q. IS LIBERTY-EMPIRE PROPOSING ANY CHANGES TO THE LED**  
10 **MUNICIPAL STREET LIGHTING TARIFF?**

11 A. No, not at this time.

12 **Q. WHAT IS STAFF’S POSITION REGARDING LIBERTY-EMPIRE’S LED**  
13 **MUNICIPAL STREET LIGHTING TARIFF?**

14 A. On page 42, line 9, of the Staff Report - Class Cost of Service, Staff recommends  
15 continuation of the LED Municipal Street Lighting Tariff.

16 **Q. IS LIBERTY-EMPIRE PROPOSING ANY CHANGES TO THE NON-LED**  
17 **MUNICIPAL STREET LIGHTING TARIFF?**

18 A. Yes. The revised tariff is attached to my Direct Testimony as Schedule SSM-1.  
19 Liberty-Empire is proposing that the Municipal Street Lighting Tariff be modified  
20 such that customers will still be able to choose High Pressure Sodium (“HPS”)  
21 fixtures on the Municipal Street Lighting Tariff, but they will not be able to choose  
22 Mercury Vapor (“MV”) light fixtures. Additionally, since these mercury vapor lights  
23 are becoming obsolete, Liberty-Empire proposes to convert all Company-owned,

1 mercury vapor municipal street light fixtures to LED light fixtures (or HPS light  
2 fixtures if specified by the customer).

3 **Q. WHAT ARE STAFF’S POSITIONS ON THESE PROPOSALS?**

4 A. It appears that Staff did not address these proposals in Staff’s Direct Testimony.

5 **Q. IS LIBERTY-EMPIRE REQUESTING REGULATORY TREATMENT TO**  
6 **TRACK THE COSTS OF REPLACING MERCURY VAPOR LIGHTS FOR**  
7 **ITS MUNICIPAL LIGHTING SERVICE?**

8 A. Yes. As explained in my Direct Testimony, Liberty-Empire would like the  
9 Commission to approve regulatory treatment to capture the costs associated with the  
10 mercury vapor light fixture replacement program for its Municipal Lighting Service.

11 **Q. WHAT IS STAFF’S POSITION ON THIS ISSUE?**

12 A. On page 14, lines 10-14, of her Direct Testimony, Staff witness Kim Bolin states that  
13 Staff does not recommend “special accounting treatment for LED Replacement  
14 Program costs” and that Staff will address this issue further in rebuttal testimony. To  
15 my knowledge, no additional details were provided in Staff’s Direct Testimony with  
16 regard to Staff’s opposition to the Company’s request to capture and track the costs  
17 associated with the mercury vapor light fixture replacement program.

18 **III. PRIVATE LIGHTING LED TARIFF**

19 **Q. IS LIBERTY-EMPIRE PROPOSING A NEW LED OPTION FOR ITS**  
20 **PRIVATE LIGHTING CUSTOMERS IN MISSOURI?**

21 A. Yes. As set forth in my Direct Testimony, Liberty-Empire is proposing changes to its  
22 Private Lighting Service, Schedule PL, PSC Mo. No. 5, Sec. 3, Revised Sheet No. 2,  
23 to include an option for LED lighting. The revised tariff is attached to my Direct  
24 Testimony as Schedule SSM-2.

1 **Q. WHAT IS STAFF'S POSITION ON THIS PROPOSAL?**

2 A. It appears that Staff did not address this proposal in Staff's Direct Testimony.

3 **Q. YOUR DIRECT TESTIMONY CONTAINS LIBERTY-EMPIRE'S REQUEST**  
4 **TO TRACK THE COSTS OF REPLACING MERCURY VAPOR LIGHTS**  
5 **AND ALSO THE ACTUAL REVENUES AND COSTS OF THE LED LIGHTS**  
6 **FOR ITS PRIVATE LIGHTING SERVICE. WHAT IS STAFF'S POSITION**  
7 **ON THESE TRACKING REQUESTS?**

8 A. As noted above, on page 14, lines 10-14, of her Direct Testimony, Staff witness Kim  
9 Bolin states that Staff does not recommend "special accounting treatment for LED  
10 Replacement Program costs" and that Staff will address this issue further in rebuttal  
11 testimony. It is unclear to me whether Ms. Bolin is referring to the tracking request  
12 related to the Municipal Lighting Service and/or the Company's tracking requests  
13 related to the Private Lighting Service. To my knowledge, no additional details were  
14 provided in Staff's Direct Testimony on these lighting issues.

15 **Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?**

16 A. Yes, it does.

**AFFIDAVIT OF SAMUEL S. MCGARRAH**

STATE OF MISSOURI )  
  ) **ss**  
COUNTY OF JASPER )

On the   2nd   day of March, 2020, before me appeared Samuel S. McGarrah, to me personally known, who, being by me first duly sworn, states that he is Director of System Performance of The Empire District Electric Company – Liberty Utilities Central and acknowledges that he has read the above and foregoing document and believes that the statements therein are true and correct to the best of his information, knowledge and belief.

*Sam MCG*

\_\_\_\_\_  
Samuel S. McGarrah

Subscribed and sworn to before me this   2nd   day of March, 2020.



*Angela M. Cloven*  
\_\_\_\_\_  
Notary Public

My commission expires:   11/06/23  .