



Control Number: 49421



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Addendum StartPage: 0

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

2019 May 20 11:25

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

May 20, 2019

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TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
CenterPoint Energy Houston Electric, LLC's Response to City of Houston's Fourteenth Requests for Information .....	2-5
Certificate of Service .....	6

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH14-01**

**QUESTION:**

Please refer to CenterPoint's response to Public Utility Commission of Texas' 3rd Request for Information No. 8 (PUC03-08) and answer the following:

- a. Please explain in details how the purchase cost of LED has been declining since 2014 when the LED pilot program started in 2014 in the City of Houston.
- b. Please explain in details how the operation and maintenance cost of LED has been lowered than other Non LED lighting, including CenterPoint's current standard lamp type-high pressure sodium ("HPS") luminaires.

**ANSWER:**

14-1a: The purchase cost of LED has been declining since 2014 due to the normal lifecycle for new technology. As demand increases for LED lighting, more manufacturers begin to supply LEDs and economies of scale are achieved by manufacturers, thus driving down the price of LED lighting and making them a more cost-effective option. Please refer to WP- Streetlight Rate Design for cost details.

14-1b: The operation and maintenance cost of LED has been lower than other non-LED lighting including CenterPoint Houston's high-pressure sodium lamp type, because of a more efficient photo electric relay (PER). High pressure sodium luminaires typically last 8-10 years, but the photo electric relay(PER) which controls the street light lasted 2-3 years. In contrast, LED luminaires have an estimated life of 10-15 years, and we are installing a long-life PER with an estimated life of 10-15 years. *The long-life PER has more robust internal electronics and a thicker UV resistant shell, therefore requiring less operation and maintenance cost over the used and useful life of the LED luminaire.*

**SPONSOR (PREPARER):**

Julienne Sugarek (Julienne Sugarek)

**RESPONSIVE DOCUMENTS:**

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH14-02**

**QUESTION:**

Please refer to page 1 of 2 of the attachment to PUC01-01 included in CenterPoint's response to Public Utility Commission of Texas' 1st Request For Information Question No. 1 (PUC01-01) and answer the following:

- a. Please explain in details how the investment included in FERC Account 30302 Intangible Plant was assigned to functions based on the review of the cost centers using the assets.
- b. Please provide the reasons why CenterPoint assigns the investment included in FERC Account 30302 Intangible Plant to functions based on the review of the cost centers using the assets.
- c. Please identify the cost centers that were reviewed.

**ANSWER:**

- a. Refer to WP II-F-Plant Functionalization tab Acct 303 WP-II-F 2A. The investment in FERC account 30302 Intangible Plant was assigned to the functions based on the review of the function of the individual items of property. Cost center provides a second level of determining the function of the individual items of property.
- b. Refer to WP II-F-Plant Functionalization tab Acct 303 WP-II-F 2A. CenterPoint Houston assigns the investment included in FERC account 30302 Intangible Plant to functions based on the review of the individual items of property to determine the function that the asset serves along with the cost center as a secondary factor.
- c. The cost centers reviewed are shown below.

- 101060 – Allocated Corporate Overhead
- 101206 – AMS Systems – PC (FINL)
- 101208 – AMS Operations – PC (FINL)
- 101217 – AMS Project Management Office
- 101451 – HL&P DIV Corporate Center
- 101732 – Financial Plannning and Analysis
- 101745 – Electric Technology
- 101746 – Distribution Planning
- 101752 – Reliability Engineering

**SPONSOR (PREPARER):**

Kristie Colvin (Kristie Colvin)

**RESPONSIVE DOCUMENTS:**

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH14-03**

**QUESTION:**

Please refer to Page 1 of 1 of WP/II-F/2W and explain what the following asset classes represent

- a. E37301
- b. CE37301
- c. E37302
- d. CE37302

**ANSWER:**

Please refer to Dane Watson's Testimony Bates Stamp pages 2518 – 2520. Asset Class E37301 represents Street Lighting and Signal Systems for FERC Account 101 (Plant-In-Service). Asset Class CE37301 represents Street Lighting and Signal for FERC Account 106 (Construction Complete Not Classified.) Asset Class E37302 represents Security Lighting for FERC Account 101. Asset Class CE3702 represents Security Lighting for FERC Account 106.

**SPONSOR (PREPARER):**

Kristie Colvin/Dane Watson (Kristie Colvin/Dane Watson)

**RESPONSIVE DOCUMENTS:**

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
2019 CEHE RATE CASE  
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON  
REQUEST NO.: COH14-04**

**QUESTION:**

Please provide all of the workpapers supporting your responses and if any of the responses to Request for Information above contain data or information shown in spreadsheet format, please provide electronic versions of the spreadsheets.

**ANSWER:**

Please refer to WP - Streetlight Rate Design.xlsx provided with the initial rate filing package in the Schedule Workpapers folder.

**SPONSOR (PREPARER):**

Julienne Sugarek/Kristie Colvin(Julienne Sugarek/Kristie Colvin)

**RESPONSIVE DOCUMENTS:**

None

**CERTIFICATE OF SERVICE**

I hereby certify that on this 20<sup>th</sup> 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.

  
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