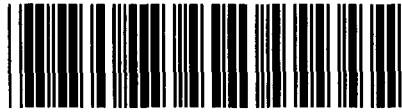




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Item Number: 381

Addendum StartPage: 0

SOAH DOCKET NO. 473-19-3864

PUC DOCKET NO. 49421

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PUBLIC UTILITY COMMISSION  
FILING CLERK

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

June 3, 2019

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

**CITY OF HOUSTON  
REQUEST NO.: COH22-01**

**QUESTION:**

Please refer to page 1 of 2 of CenterPoint's response to City of Houston 9th Request for Information Question No. COH09-06 and please explain in detail the reasons why CenterPoint assumes that there would be two replacement occurrences for LED lighting over the used and useful life of an existing LED installation in determining costs for LED street lighting services.

**ANSWER:**

In determining costs for LED street lighting services, the two replacement occurrences for LED lighting over the used and useful life of an existing LED installation are pertaining to the Photo Electric Relay (PER). CenterPoint Houston's LED luminaire life is twice as long as the PER life; therefore 2 PERs' will be required over the life of the luminaire.

**SPONSOR (PREPARER):**

Julienne Sugarek / Matthew Troxle (Julienne Sugarek / Matthew Troxle)

**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.: COH22-02**

**QUESTION:**

Please refer to page 1 of 2 of the Assumptions for Cost Calculations.xlsx workpaper to CenterPoint's response to City of Houston 9th Request for Information Question No. COH09-12 and answer the following questions:

- a. How was the \$1,804.21 average installation cost for underground street light determined?
- b. How were the 119,600 total installations/repair (events) for 2018 determined?
- c. How were the 8,829 total pole installations for 2018 was determined? How was the "460 a day" determined?
- d. How was the \$2.49 average fuel cost per hour determined?
- e. How was the \$0.89 central dispatching per order determined?

**ANSWER:**

- a. The \$1,804.21 average installation cost for underground street light was determined by the total cost of the installation which includes: the luminaire, pole, arm required, 150' of underground cable, and the labor.
- b. In Test Year 2018, on average there were approximately 460 lighting installations/repairs per day. The value 119,600 is the result of the 460 average events per day multiplied by the number of work days in a year 260.

The 8,829 total pole installations were determined by the approximate number of new pole installations and replacement poles in Test Year 2018.

- c. In Test Year 2018 The value "460 a day" represents the approximate average number of lighting installations/repairs (events) for Test Year 2018. The value 460 is the result of 2018 approximate total installations 119,600 divided by the number of of work days in one year 260.
- d. The \$2.49 average fuel cost per hour was derived from the Test Year 2018 average transportation cost for 1/2 ton truck, \$5,186.00 divided by the annual service hours for Test Year 2018, 2,080 (260 work days \* 8 hour work day). (Please see WP - Discretionary Services - Current and Proposed Calculations tab Cost Category)
- e. The value \$0.89 is the Company's 2018 Test Year approximate average labor cost for dispatch coordination related to distribution discretionary services; the same value was used for Lighting services. (Please see WP - Discretionary Services - Current and Proposed Calculations tab Cost Category)

**SPONSOR (PREPARER):**

Julienne Sugarek / Matthew Troxle (Julienne Sugarek / Matthew Troxle)

**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.: COH22-03**

**QUESTION:**

Please refer to CenterPoint's response to City of Houston 14th Request for Information Question No. COH14-01 and provide the average yearly purchase cost of LED for each of the calendar years from 2014 through 2018

**ANSWER:**

Due to the difference in the timeline for adoption and the variation in average cost per unit, the information is broken down by decorative and non-decorative streetlight fixtures. The average yearly purchase cost for LED for each of the following years is as follows:

Non-decorative LED Streetlight:

2014 Avg cost/unit	\$ 106.53
2015 Avg cost/unit	\$ 127.87
2016 Avg cost/unit	\$ 78.99
2017 Avg cost/unit	\$ 80.16
2018 Avg cost/unit	\$ 65.93

Decorative LED Streetlight:

2014 Avg cost/Unit	\$ -
2015 Avg cost/Unit	\$ 706.93
2016 Avg cost/Unit	\$ 542.34
2017 Avg cost/Unit	\$ 576.60
2018 Avg cost/Unit	\$ 591.10

**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.: COH22-04**

**QUESTION:**

Please refer to CenterPoint's response to City of Houston 14th Request for Information Question No. COH14-03 and please explain if the assets included in the Asset Class CE37301 (Street Lighting and Signal for FERC Account 106 (Construction Complete Not Classified) are used and useful. Please identify the assets that have been complete but have not been used.

**ANSWER:**

Please refer to Ms. Colvin Kristie's direct testimony bates pages 937 through 938 discussing FERC Account 1060. All investment plant included in FERC Account 1060 is used and useful.

**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.: COH22-05**

**QUESTION:**

Please refer to CenterPoint's response to City of Houston 14th Request for Information Question No. COH14-02 and answer the following questions:

- a. Please describe what the following cost centers do:
  - i. AMS Project Management Office
  - ii. AMS Systems-PC (FINL)
  - iii. AMS Operations-PC (FINL)
- b. Please also identify the items of property and the corresponding amounts of the investment for these items that are associated with these cost centers.

**ANSWER:**

- a. Please see response to COH18-03, COH18-03 Attachment 2.xlsx for descriptions for what item (i) AMS Systems-PC (FINL), item (ii) AMS Operations-PC (FINL) and item (iii) AMS Project Management Office do. These items represent cost centers from the original AMS surcharge and have been removed from this filing.
- b. Please see COH22-05 Attachment 1.xlsx for the items of property and the corresponding amount of the investments that are associated with these cost centers in an excel spreadsheet format. Please note that these assets were included in the original AMS surcharge and have been removed from this filing.

**SPONSOR (PREPARER):**

Kristie Colvin / Shachella D James (Kristie Colvin / Shachella D James)

**RESPONSIVE DOCUMENTS:**


COH22-05 Attachment 1.xlsx

## CenterPoint Energy Houston Electric, LLC - E30302 as of December 31, 2018

Asset Class	Retirement Unit	Retirement Unit Description	PSEC	PSEC Description	Asset Number	Vintage	Asset Description	Cost Center	Cost Center Description	Amount
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301331	2012	SM 49809836 AMS NOC	101208	AMS OPERATIONS-PC	3,668,831.49
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301331	2013	SM 49809836 AMS NOC	101208	AMS OPERATIONS-PC	2,994,993.86
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301330	2012	SM 49809837 AMS Twork Services	101208	AMS OPERATIONS-PC	39,119.10
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301330	2013	SM 49809837 AMS Twork Services	101208	AMS OPERATIONS-PC	5,252.55
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301333	2014	SM 64564372 AMS Twork Services	101208	AMS OPERATIONS-PC	11,748.00
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301334	2015	SM 64697357 Real Time and Exception Management	101208	AMS OPERATIONS-PC	884,286.81
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301335	2015	SM 64720531 ADS New Projects 2013	101208	AMS OPERATIONS-PC	2,062,333.63
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301332	2015	SM 64947869 AMS High Data Rate Upgrade	101208	AMS OPERATIONS-PC	309,830.32
										<u>9,976,395.76</u>
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301343	2013	SM 49809834 AMS Systems Mods	101206	AMS Systems-PC	6,061.92
E30302	3033500	NON-MAINFRAME SOFTWARE DEVELOPED	AMS	Advanced Meter System	3301352	2015	64697352 Non-SMT Related Modifications	101206	AMS Systems-PC	2,185,798.51
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301347	2012	AMS Deployment	101206	AMS Systems-PC	111,969.25
E30302	3033500	NON-MAINFRAME SOFTWARE DEVELOPED	AMS	Advanced Meter System	3301351	2015	Outage Enablement	101206	AMS Systems-PC	2,565,580.16
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301338	2012	SM 49809828 AMS Portal/Full Deployment	101206	AMS Systems-PC	5,958,706.62
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301338	2013	SM 49809828 AMS Portal/Full Deployment	101206	AMS Systems-PC	549,288.08
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301339	2012	SM 49809830 AMS IOSS	101206	AMS Systems-PC	2,025,139.55
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301339	2013	SM 49809830 AMS IOSS	101206	AMS Systems-PC	416,310.01
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301340	2011	SM 49809831AMS SD SOA	101206	AMS Systems-PC	26,458.42
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301340	2012	SM 49809831AMS SD SOA	101206	AMS Systems-PC	397,367.34
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301340	2013	SM 49809831AMS SD SOA	101206	AMS Systems-PC	207,994.65
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301341	2012	SM 49809832 AMS SD EAI	101206	AMS Systems-PC	3,564,654.91
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301341	2013	SM 49809832 AMS SD EAI	101206	AMS Systems-PC	2,913,816.93
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301342	2012	SM 49809833 AMS SD CIS	101206	AMS Systems-PC	149,590.03
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301342	2013	SM 49809833 AMS SD CIS	101206	AMS Systems-PC	84,968.49
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301344	2012	SM 49809838 AMS TX Common Portal	101206	AMS Systems-PC	1,979,901.21
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301344	2013	SM 49809838 AMS TX Common Portal	101206	AMS Systems-PC	2,962,873.39
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301348	2014	SM 49809838 AMS TX Common Portal	101206	AMS Systems-PC	80.84
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301345	2012	SM 52342124 Pulsenet Management System	101206	AMS Systems-PC	38,317.48
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301346	2012	SM 56841689 AMS TX Set 4 0	101206	AMS Systems-PC	1,014,065.37
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301349	2015	SM 63730998 Pulsenet Management System Licenses	101206	AMS Systems-PC	39,892.28
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301350	2014	SM 64697350 AMS Portal/Full Deployment	101206	AMS Systems-PC	1,415,958.99
										<u>28,614,804.41</u>
E30302	3033000	NON-MAINFRAME SOFTWARE PURCHASE	AMS	Advanced Meter System	3301329	2012	SM 50267108 AMS HAN Modification	101217	AMS PROJ MANAGEMENT	437,622.38
										<u>437,622.38</u>

### **CERTIFICATE OF SERVICE**

I hereby certify that on this 3<sup>rd</sup> day of June 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.

\_\_\_\_\_

# CD ATTACHED

TO VIEW PLEASE CONTACT  
CENTRAL RECORDS  
512-936-7180