



Control Number: 49421



Item Number: 305

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

May 22, 2019

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

**PUBLIC UTILITY COMMISSION OF TEXAS
REQUEST NO.: PUC08-14**

QUESTION:

Miscellaneous

Please reference the Microsoft (MS) Excel workbook "*CEHE RFP Workpapers (redacted)*" filed with CenterPoint Energy Houston Electric, LLC's (CEHE's) April 5, 2019 application. In MS worksheet "WP II-E-4.1.1," CEHE shows The Original Amount to be Amortized amount of \$64,406,143 associated with the regulatory asset balance related to the Hurricane Harvey restoration cost (Hurricane Harvey Regulatory Asset). This Hurricane Harvey Regulatory Asset amount of \$64,406,143 was derived from MS worksheet "WP II-B-12b Hurricane Harvey" in the same MS workbook "*CEHE RFP Workpapers (redacted)*".

Please, respond the following questions.

- a. Does the Hurricane Harvey Regulatory Asset amount of \$64,406,143 include carrying costs?;
- b. If the answer to part "a" of this question is "yes," please provide, in electronic spreadsheet format with cell references and formulae intact, the calculation of such carrying costs;
- c. If the answer to part "a" of this question is "no," has CEHE included any carrying charges associated with the Hurricane Harvey Regulatory Asset amount of \$64,406,143 somewhere in its April 5, 2019 application? If "yes," please indicate where in CEHE's April 5, 2019 application such carrying charges were included and provide in, electronic spreadsheet format with cell references and formula intact, the calculation of such carrying charges;
- d. If CEHE has not included anywhere in its April 5, 2019 filing carrying charges associated with the Hurricane Harvey Regulatory Asset amount of \$64,406,143, please explain why?; and
- e. If CEHE has not included anywhere in its April 5, 2019 filing carrying charges associated with the Hurricane Harvey Regulatory Asset amount of \$64,406,143 and believes that such carrying charges should be included, please provide in electronic spreadsheet format with cell references and formula intact, the amount of carrying charges that the Company believes that should be recovered in rates.

ANSWER:

- a. CenterPoint Houston's original filing did not request carrying costs in or on the Hurricane Harvey Regulatory Asset. Therefore, the \$64.4 million balance did not include carrying costs. See response to (e) below for additional information.
- b. CenterPoint Houston is requesting carrying charges on Hurricane Harvey regulatory asset in its errata filing on May 20, 2019. See response to (e) below.
- c. Consistent with CenterPoint Houston's errata filing, CenterPoint Houston is requesting a Hurricane Harvey Regulatory Asset balance of \$73,148,639 as of December 31, 2018, which will be reflected on revised Schedule II-B-12, line 7 and on Schedule II-B, line 22 as part of rate base. The carrying charges associated with this regulatory asset will also be reflected in the return on rate base line 30 of Schedule II-B.
- d. Please see response to item (c). CenterPoint Houston inadvertently excluded the carrying charges from its initial filing.

- e. Please see PUC08-14e Attachment 1 for the amount of carrying charges that is included in the errata filing on May 20, 2019.

SPONSOR (PREPARER):
Kristie Colvin (Kristie Colvin)

RESPONSIVE DOCUMENTS:
PUC08-14e Attachment 1.xlsx

CenterPoint Energy Houston Electric, LLC
Instructions for Hurricane Harvey Carrying Charges Errata

Item

1 Add in known and measurable change on WP II-B-12b Hurricane Harvey Distribution cell B6886 +8631317 66	\$	8,631,317 66
2 Add in known and measurable change on WP II-B-12b Hurricane Harvey Transmission cell C6886 +111178 84	\$	111,178 84
3 Add in cell D6886 the sum of B6886 and C6866, on WP II-B-12 in cell F12 link to cell D6886 from WP II-B-12b	formula	
4 On WP II-E-3 5 1a copy amount in cell Q37, replace value in cell D37 from (\$14,984,656) to (\$16,820,580)	\$	(1,835,924 00)
5 On WP II-E-3 5 1a add formula in E37 (+C37-D37) Will change value from (\$14,035,331) to (\$12,199,407)	\$	1,835,924 00

CenterPoint Energy Houston Electric, LLC
Hurricane Harvey Carrying Costs Functionalization

	Functionalization per WP II-B-12b Hurricane Harvey		Total
	Sum of Distribution \$ Func	Sum of Transmission \$ Func	
Total Costs Net of Insurance Proceeds	63,587,085.87	819,056.68	64,406,142.55
Percentage of Total	98.7282942%	1.2717058%	
Regulatory Asset Functionalized	\$ 8,631,317.66	\$ 111,178.84	\$ 8,742,496.50

CenterPoint Energy Houston Electric, LLC
Hurricane Harvey Carrying Costs - ADIT

	Dist	Trans	Total
Regulatory Asset	8,631,318	111,179	8,742,496
Tax Rate	21.0%	21.0%	21.0%
ADIT Impact	(1,812,577)	(23,348)	(1,835,924)

[illegible]

[1] Interest for August-2017 calculated using 13 days, which is based on costs incurred beginning August 17th
[2] Carrying Costs will continue until the amounts are included in base rates

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
HURRICANE HARVEY**

	[A] 2017	[B] 2018	[C]	[D]	[E]
1 Debt Component of Interest Rate	3 707%	3 707%			
2 Monthly Interest Rate	0 003040309	0 003040309			
3					
4			Cumulative	Insurance	Cumulative
5			Incurred O&M Costs	Proceeds	Proceeds
6 August-17	\$	12,029,774 27	\$		-
7 September-17		27,804,479 10			0 00
8 October-17		39,572,963 26			0 00
9 November-17		15,038,076 36		(3,732,379 36)	(3,732,379 36)
10 December-17		(21,332,097 05)		(115,434 41)	(3,847,813 78)
11 January-18		456,704 26			(3,847,813 78)
12 February-18		190,365 96			(3,847,813 78)
13 March-18		(133,309 08)			(3,847,813 78)
14 April-18		440,312 90			(3,847,813 78)
15 May-18		(58,425 90)		(1,218,987 40)	(5,066,801 18)
16 June-18		73,805 09		(1,551,438 51)	(6,618,239 69)
17 July-18		30,471 46			(6,618,239 69)
18 August-18		280,655 64			(6,618,239 69)
19 September-18		20,973 42			(6,618,239 69)
20 October-18		(462,086 52)		(2,731,178 22)	(9,349,417 91)
21 November-18		84,628 96		(1,937,502 50)	(11,286,920 41)
22 December-18		1,655,770 83			(11,286,920 41)
23					
24					
25	Total		\$ 75,693,062 96		\$ (11,286,920 41)

Equity (

Notes:

- [1] Interest for August-2017 calculated using 13 days, which is based on costs incurred beginning August 17th

[F]		[G]	[H] [C]+[E]+[G]
Carrying Costs		Cumulative Carrying Costs	Cumulative Overall Balance
\$	7,924 42	\$ 7,924 42	12,037,698 69
	78,865 42	86,789 84	39,921,043 21
	181,529 31	268,319 15	79,675,535 78
	259,424 64	527,743 79	91,240,657 41
	244,796 21	772,540 00	70,037,922 16
	213,631 17	986,171 17	70,708,257 59
	215,264 32	1,201,435 49	71,113,887 87
	216,005 53	1,417,441 02	71,196,584 32
	217,128 94	1,634,569 96	71,854,026 16
	216,516 56	1,851,086 52	70,793,129 42
	212,986 74	2,064,073 26	69,528,482 74
	211,434 38	2,275,507 64	69,770,388 58
	212,550 16	2,488,057 81	70,263,594 38
	213,654 91	2,701,712 71	70,498,222 71
	209,482 11	2,911,194 82	67,514,440 08
	202,448 09	3,113,642 91	65,864,014 63
	202,763 97	3,316,406 88	67,722,549 43
		<u>\$ 3,316,406 88</u>	
Total Carrying Costs		\$ 8,742,496 50	
Component of Carrying Costs		<u>\$ 5,426,089 61</u>	

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
HURRICANE HARVEY**

	[A]	[B]	[C]	[D]
	Carrying Costs	Debt Component	Deferred Equity Component	Cumulative Deferred Equity
1				
2				
3				
4 August-17	22,034 84	7,924 42 \$	14,110 42	14,110 42
5 September-17	219,414 51	78,865 42 \$	140,549 09	154,659 51
6 October-17	506,072 56	181,529 31 \$	324,543 25	479,202 75
7 November-17	725,413 97	259,424 64 \$	465,989 34	945,192 09
8 December-17	688,677 26	244,796 21 \$	443,881 05	1,389,073 14
9 January-18	538,642 08	213,631 17 \$	325,010 91	1,714,084 05
10 February-18	545,123 17	215,264 32 \$	329,858 85	2,043,942 90
11 March-18	549,435 38	216,005.53 \$	333,429 85	2,377,372 75
12 April-18	554,719 45	217,128 94 \$	337,590 50	2,714,963 26
13 May-18	555,743 05	216,516 56 \$	339,226 49	3,054,189 74
14 June-18	549,565 62	212,986 74 \$	336,578 88	3,390,768 63
15 July-18	548,257 53	211,434 38 \$	336,823 15	3,727,591 78
16 August-18	553,548 24	212,550 16 \$	340,998 08	4,068,589 85
17 September-18	558,843 02	213,654 91 \$	345,188 12	4,413,777 97
18 October-18	551,120 66	209,482 11 \$	341,638 55	4,755,416 52
19 November-18	536,297 28	202,448 09 \$	333,849 19	5,089,265 71
20 December-18	539,587 87	202,763 97 \$	336,823 90	5,426,089 61
21				
22	8,742,496 50	3,316,406 88	5,426,089 61	5,426,089 61

Notes:

Interest for August-2017 calculated using 13 days, which is based on costs incurred beginning August 17th

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
Harvey O&M Incurred

Document type	(All)					
Summary Category	O&M Costs					
Sum of Val/COArea Crcy	Column Labels					
Row Labels	2017					
	8	9	10	11	12	
Distribution O&M	8,987,090 57	26,880,945 47	39,437,368 86	14,710,465 44	(22,144,730 11)	
MUG O&M	1,730,845 38	(1,036,721 84)	10,922 14	3,108 70	257,625 45	
Substation O&M	1,164,793 28	1,544,012 45	118,828 72	308,914.22	18,412.40	
Transmission O&M	147,045 04	416,243 02	5,843 54	15,588 00	536,595 21	
Grand Total	12,029,774 27	27,804,479 10	39,572,963 26	15,038,076 36	(21,332,097 05)	

CENTERPOINT ENERGY HOUSTON E)
Harvey O&M Incurred

Document type
Summary Category

Sum of Val/COArea Crcy

Row Labels	2017 Total	2018 1	2	3	
Distribution O&M	67,871,140 23	576,866 41	57,294 92	(146,261 04)	
MUG O&M	965,779 83	10,264 63			
Substation O&M	3,154,961 07	(137,013 79)	133,071 04	(4,786 51)	
Transmission O&M	1,121,314 81	6,587 01		17,738 47	
Grand Total	73,113,195 94	456,704 26	190,365 96	(133,309 08)	

CENTERPOINT ENERGY HOUSTON E
Harvey O&M Incurred

Document type
Summary Category

Sum of Val/COArea Crcy

Row Labels	4	5	6	7	8	9	10	
Distribution O&M		643,379 32	20,869 52	73,805 09	30,471 46	281,196 89	20,973 42	(462,086 52)
MUG O&M			695 00					
Substation O&M		(203,066 42)	(79,990 42)			(541 25)		
Transmission O&M								
Grand Total		440,312 90	(58,425 90)	73,805 09	30,471 46	280,655 64	20,973 42	(462,086 52)

CENTERPOINT ENERGY HOUSTON E
Harvey O&M Incurred

Document type
Summary Category

Sum of Val/COArea Crcy

Row Labels	11	12	2018 Total	Grand Total
Distribution O&M	61,421 33	1,629,919 68	2,787,850 48	70,658,990 71
MUG O&M			10,959 63	976,739 46
Substation O&M	541 25		(291,786 10)	2,863,174 97
Transmission O&M	22,666 38	10,049 60	57,041 46	1,178,356 27
Grand Total	84,628 96	1,639,969 28	2,564,065 47	75,677,261 41
			WP II-B-12 Adj 2	15,801 55
			Total Harvey O&M	75,693,062 96

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
Hurricane Harvey Insurance Proceeds

Date	Proceeds	Allocated to CEHE
		25 65%
11/7/2017	(5,250,000 00)	(1,346,734 82)
11/9/2017	(1,500,000 00)	(384,781 38)
11/13/2017	(900,000 00)	(230,868 83)
11/14/2017	(435,000 00)	(111,586 60)
11/17/2017	(675,000 00)	(173,151 62)
11/24/2017	(5,790,000 00)	(1,485,256 12)
	(14,550,000 00)	(3,732,379 36)
12/5/2017	(450,000 00)	(115,434 41)
	(450,000 00)	(115,434 41)
05/07/2018	(3,780,000 00)	(969,649 07)
5/23/2018	(324,000 00)	(83,112 78)
5/25/2018	(648,000 00)	(166,225 56)
	(4,752,000 00)	(1,218,987 40)
6/1/2018	(313,200 00)	(80,342 35)
6/5/2018	(4,168,800 00)	(1,069,384 40)
6/5/2018	(216,000 00)	(55,408 52)
6/12/2018	(270,000 00)	(69,260 65)
6/12/2018	(1,080,000 00)	(277,042 59)
	(6,048,000 00)	(1,551,438 51)
10/26/2018	(546,000 00)	(140,060 42)
10/29/2018	(6,370,000 00)	(1,634,038 25)
10/29/2018	(1,820,000 00)	(466,868 07)
10/29/2018	(1,092,000 00)	(280,120 84)
10/29/2018	(364,000 00)	(93,373 61)
10/30/2018	(455,000 00)	(116,717 02)
	(10,647,000 00)	(2,731,178 22)
11/8/2018	(7,553,000 00)	(1,937,502 50)
	(7,553,000 00)	(1,937,502 50)
Total Insurance Proceeds	(44,000,000 00)	(11,286,920 41)

Total Proceeds	44,000,000 00	
Allocated to CEHE O&M	11,286,920 41	25 65%

G/L Account No. 111999 General Fund Receipt Clearing Account - Chase
Company Code 0299 CenterPoint Energy, Inc

CoCd	Assign.	Reference	G/L	Period	Year	DocumentNo	Type	Prctng Date	PK	Am in loc.cur.	Profit Ctr	Text
0299	20171107	20171109 070326	111999	11	2017	600014437	SH	11/07/2017	50	5,253,000.00-	1157270	BANK OF AMERICA, N.A. SUPE 222 BROADWAY N EW YORK
0299	20171109	20171110 070326	111999	11	2017	600014447	SD	11/09/2017	50	1,500,000.00-	1157270	
0299	20171113	20171114 070326	111999	11	2017	600014467	SH	11/13/2017	50	500,000.00-	1157270	CITIBANK N.A. 399 PARK AVENUE NEW YORK NY 10043-0
0299	20171114	20171115 070334	111999	11	2017	600014477	SH	11/14/2017	50	435,000.00-	1157270	CITIBANK N.A. 399 PARK AVENUE NEW YORK NY 10043-0
0299	20171117	20171120 070404	111999	11	2017	600014496	SH	11/17/2017	50	375,000.00-	1157270	HSBC BANK USA, N.A. 452 FIFTH AVENUE NEW YORK NY
0299	20171117	20171120 070404	111999	11	2017	600014496	SH	11/17/2017	50	300,000.00-	1157270	HSBC BANK USA, N.A. 452 FIFTH AVENUE NEW YORK NY
0299	20171124	20171127 070310	111999	11	2017	600014507	SH	11/24/2017	50	5,790,000.00-	1157270	00000000011948742 THE ROYAL BANK OF SCOTLA ND PLC
0299	20171205	20171206 070322	111999	12	2017	600014552	SH	12/05/2017	50	450,000.00-	1157270	00000009102753689 PRINCETON EXCESS AND SURPLUS LI
0299	20180507	20180508 070429	111999	5	2018	600014979	SH	05/07/2018	50	3,780,000.00-	1157270	BANK OF AMERICA, N.A. SUPE 222 BROADWAY N EW YORK
0299	20180523	20180524 070404	111999	5	2018	600015067	SH	05/23/2018	50	324,000.00-	1157270	00000009102753689 PRINCETON EXCESS AND SURPLUS LI
0299	20180525	20180528 070445	111999	5	2018	600015078	SH	05/25/2018	50	649,000.00-	1157270	CITIBANK N.A. 399 PARK AVENUE NEW YORK NY 10043-0
0299	20180601	20180604 070605	111999	6	2018	600015070	SH	06/01/2018	50	313,200.00-	1157270	CITIBANK N.A. 399 PARK AVENUE NEW YORK NY 10043-0
0299	20180605	20180606 070800	111999	6	2018	600015099	SH	06/05/2018	50	4,168,800.00-	1157270	00000000011948742 THE ROYAL BANK OF SCOTLA ND PLC
0299	20180612	20180613 070540	111999	6	2018	600015065	SD	06/12/2018	50	270,000.00-	1157270	HSBC BANK USA, N.A. 452 FIFTH AVENUE NEW YORK NY
0299	20180612	20180613 070540	111999	6	2018	600015063	SD	06/12/2018	50	1,080,000.00-	1157270	
0299	20181026	20181029 070400	111999	10	2018	600015630	SH	10/26/2018	50	546,000.00-	1157270	00000009102753689 PRINCETON EXCESS AND SURPLUS LI
0299	20181029	20181030 070351	111999	10	2018	600015572	SH	10/29/2018	50	6,370,000.00-	1157270	BANK OF AMERICA, N.A. SUPE 222 BROADWAY N EW YORK
0299	20181029	20181030 070351	111999	10	2018	600015572	SH	10/29/2018	50	1,820,000.00-	1157270	00000000528291227 ZURICH AMERICAN INSURANC E COMPA
0299	20181029	20181030 070351	111999	10	2018	600015572	SH	10/29/2018	50	1,092,000.00-	1157270	CITIBANK N.A. 399 PARK AVENUE NEW YORK NY 10043-0
0299	20181029	20181030 070351	111999	10	2018	600015572	SH	10/29/2018	50	364,000.00-	1157270	HSBC BANK USA, N.A. 452 FIFTH AVENUE NEW YORK NY
0299	20181030	20181031 070732	111999	10	2018	600015617	SD	10/30/2018	50	455,000.00-	1157270	
0299	20181108	20181109 070405	111999	11	2018	600015677	SH	11/03/2018	50	7,553,000.00-	1157270	00000000011948742 THE ROYAL BANK OF SCOTLA ND PLC
										44,000,000.00-		

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WEIGHTED AVERAGE COST OF CAPITAL
Per Docket No. 38339

	[A]	[B]	[C]	[D] at 35% Pre-Tax	[E] at 21% Pre-Tax
	<u>Weight</u>	<u>Cost</u>	<u>Weighted Cost</u>	<u>Weighted Cost</u>	<u>Weighted Cost</u>
1 Common Equity	45.00%	10.00%	4.50%	6.92%	5.70%
2 LDT/Preferred Securities	55.00%	6.74%	3.71%	3.71%	3.71%
3 Total	<u>100.00%</u>		<u>8.21%</u>	<u>10.630%</u>	<u>9.403%</u>

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
MONTHLY COMPOUNDING CALCULATION**

FORMULA

$$P_n = P_o (1 + i)^n$$

P_n = Principal value at the end of n periods
 P_o = Principal, or beginning amount at time 0
 i = interest rate
 n = Number of times per year compounding occurs

The above formula is set up to calculate a value to be received by applying compounding. Solving for the effective interest rate (i) is simply an algebraic formula which is shown below.

$$\begin{aligned}
&\text{at 35\%} \\
P_n &= P_o (1 + i)^n \\
11,0750 &= 1 * ((1 + i)^{(12)}) \\
(11,0750 / 1)^{1/12} &= 1 + i \\
(11,0750 / 1)^{1/12} - 1 &= i \\
0.008453961 &= i
\end{aligned}$$

$$\begin{aligned}
&\text{at 21\%} \\
P_n &= P_o (1 + i)^n \\
11,0750 &= 1 * ((1 + i)^{(12)}) \\
(11,0750 / 1)^{1/12} &= 1 + i \\
(11,0750 / 1)^{1/12} - 1 &= i \\
0.007517123 &= i
\end{aligned}$$

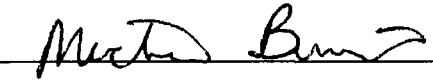
Formula Source: *Managerial Finance* (5th edition) by J. Fred Weston and Eugene F. Brigham

Proof:

Monthly Interest	Monthly Interest	Compounded Interest	Monthly Interest	Compounded Interest		
	1	0 008453961	0 008454	1	0 007517123	0 007517
	2	0 00852543	0 016979	2	0 00757363	0 015091
	3	0 008597504	0 025577	3	0 007630562	0 022721
	4	0 008670187	0 034247	4	0 007687922	0 030409
	5	0 008743484	0 042991	5	0 007745713	0 038155
	6	0 008817401	0 051808	6	0 007803939	0 045959
	7	0 008891943	0 060700	7	0 007862602	0 053821
	8	0 008967115	0 069667	8	0 007921706	0 061743
	9	0 009042923	0 078710	9	0 007981254	0 069724
	10	0 009119372	0 087829	10	0 008041251	0 077766
	11	0 009196466	0 097026	11	0 008101698	0 085867
	12	0 009274213	0 106300	12	0 008162599	0 094030

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.

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