2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-D-3.1f - Pivot Tables to Obtain Final Data Presentation on the Schedules
Source. SAP Detail Report

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation. By FERC
II-D-3.1	Narrative· Payroll information
II-D-3.2	Payroll presentation: By regular vs. overtime vs. contract vs other
II-D-3.3	Payroll presentation By union vs. exempt vs. non-exempt
II-D-3.4	Payroll presentation. By capitalized vs. expensed
II-D-3 6	Payroll presentation. By bonus vs. severance vs. other

Schedule II-D-3.4 - Payroll presentation: By capitalized vs. expensed vs. other

Capitalized Payroll

012/2018	1,850,317	7,633,475	1,784,806	856,058	12,124,656
Grand Total	**22,539,873**	**92,988,143**	**21,741,837**	**10,428,182**	**147,698,035**

Expensed Payroll

012/2018	1,524,480	6,289,236	1,470,505	705,308	9,989,530
Grand Total	**20,541,228**	**84,742,743**	**19,813,955**	**9,503,499**	**134,601,426**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Other Payroll

012/2018	333,399	1,375,437	321,595	154,249	2,184,679
Grand Total	**4,030,166**	**16,626,431**	**3,887,476**	**1,864,576**	**26,408,648**

Reconcile To Total Payroll

012/2018	3,708,197	15,298,148	3,576,906	1,715,615	24,298,866
Grand Total	**47,111,266**	**194,357,317**	**45,443,268**	**21,796,257**	**308,708,108**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-D-3.1f - Pivot Tables to Obtain Final Data Presentation on the Schedules
Source: SAP Detail Report

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation: By FERC
II-D-3.1	Narrative: Payroll information
II-D-3.2	Payroll presentation: By regular vs. overtime vs. contract vs. other
II-D-3.3	Payroll presentation: By union vs. exempt vs. non-exempt
II-D-3.4	Payroll presentation: By capitalized vs. expensed
II-D-3.6	Payroll presentation: By bonus vs. severance vs. other

Schedule II-D-3.4 - Payroll presentation: By capitalized vs. expensed vs. other

Capitalized Payroll

2019 45 Day Update:

Pivot Table
G/L Account (Multiple Items)

Row Labels	Sum of Cap: TRAN	Sum of Cap: DIST	Sum of Cap: MET	Sum of Cap: TDCS	Sum of Cap-TOTAL
001/2019	2,234,787	7,286,185	1,136,410	711,940	11,369,322
002/2019	2,470,156	7,498,798	1,132,341	760,333	11,861,628
003/2019	2,290,591	7,381,757	1,189,510	742,966	11,604,824
Grand Total	**6,995,533**	**22,166,741**	**3,458,261**	**2,215,239**	**34,835,774**

Expensed Payroll

Pivot Table
G/L Account (Multiple Items)

Row Labels	Sum of Exp: TRAN	Sum of Exp: DIST	Sum of Exp: MET	Sum of Exp: TDCS	Sum of Exp-TOTAL
001/2019	2,515,030	8,183,440	1,296,700	801,348	12,796,518
002/2019	2,218,537	6,717,743	1,028,256	682,705	10,647,240
003/2019	2,100,501	6,750,623	1,109,743	681,661	10,642,528
Grand Total	**6,834,067**	**21,651,807**	**3,434,699**	**2,165,714**	**34,086,287**

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Cap: TRAN	Sum of Cap: DIST	Sum of Cap: MET	Sum of Cap: TDCS	Grand Total
001/2019	2,234,787	7,286,185	1,136,410	711,940	11,369,322
002/2019	2,470,156	7,498,798	1,132,341	760,333	11,861,628
003/2019	2,290,591	7,381,757	1,189,510	742,966	11,604,824
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	6,995,533	22,166,741	3,458,261	2,215,239	34,835,774
Check >>>					-

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Exp: TRAN	Sum of Exp: DIST	Sum of Exp: MET	Sum of Exp: TDCS	Grand Total
001/2019	2,515,030	8,183,440	1,296,700	801,348	12,796,518
002/2019	2,218,537	6,717,743	1,028,256	682,705	10,647,240
003/2019	2,100,501	6,750,623	1,109,743	681,661	10,642,528
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	6,834,067	21,651,807	3,434,699	2,165,714	34,086,287
					-

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Other Payroll

Pivot Table
G/L Account (All)

Row Labels	Sum of Other: TRAN	Sum of Other: DIST	Sum of Other: MET	Sum of Other: TDCS	Sum of Other-TOTAL
001/2019	981,134	1,491,864	223,530	31,329	2,727,857
002/2019	1,502,435	3,568,177	214,966	213,008	5,498,586
003/2019	832,510	1,061,052	209,987	250	2,103,798
Grand Total	**3,316,080**	**6,121,093**	**648,482**	**244,587**	**10,330,242**

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Other: TRAN	Sum of Other: DIST	Sum of Other: MET	Sum of Other: TDCS	Grand Total
001/2019	981 134	1,491,864	223,530	31,329	2,727,857
002/2019	1,502,435	3,568,177	214,966	213,008	5,498,586
003/2019	832,510	1,061,052	209,987	250	2,103,798
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	**3,316,080**	**6,121,093**	**648,482**	**244,587**	**10,330,242**
					-

Reconcile To Total Payroll

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2019	5,730 951	16,961,490	2,656 640	1,544,617	26,893,698
002/2019	6,191,128	17,784,718	2,375,562	1,656,046	28,007,455
003/2019	5,223,602	15,193,432	2,509,240	1,424,877	24,351,151
004/2019					
005/2019	-	-	-	-	-
006/2019					
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	**17,145,680**	**49,939,640**	**7,541,442**	**4,625,540**	**79,252,303**

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2019	5,730,951	16,961,490	2,656,640	1,544,617	26,893,698
002/2019	6,191 128	17,784,718	2,375 562	1,656,046	28,007,455
003/2019	5,223,602	15,193,432	2,509,240	1,424,877	24,351,151
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	**17,145,680**	**49,939,640**	**7,541,442**	**4,625,540**	**79,252,303**
	-	-	-	-	-

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Month	Full-Time Employees	Part-Time Employees	Temporary Employees	Total Employees	Vacant Position
Test Year					
January 31, 2018	2,783	2	21	2,806	*
February 28, 2018	2,802	2	21	2,825	*
March 31, 2018	2,789	2	21	2,812	*
April 30, 2018	2,775	2	21	2,798	*
May 31, 2018	2,777	2	17	2,796	*
June 30, 2018	2,778	2	39	2,819	*
July 31, 2018	2,771	2	39	2,812	*
August 31, 2018	2,794	2	24	2,820	*
September 30, 2018	2,786	2	23	2,811	*
October 31, 2018	2,777	2	23	2,802	*
November 30, 2018	2,776	2	23	2,801	*
December 31, 2018	2,784	2	10	2,796	*
Average for Test Year	**2,783**	**2**	**24**	**2,808**	*
First Two Months Subsequent to Test Year					
January 31, 2019	2,823	2	21	2,846	*
February 28, 2019	2,784	2	21	2,807	*
Prior Three Years					
2017	2,771	2	7	2,780	*
2016	2,744	5	9	2,758	*
2015	2,665	6	8	2,679	*

*Historical information for vacant positions is not reportable from the Company's Business Management Software ("SAP") system.

Question 1: Explain any increases and/or decreases in employee head count subsequent to the test year end (i.e., growth related, additional maintenance, reduction

Question 2: Explain any monthly fluctuation greater than 7%.

Update required

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

HeadCount (Prior Years)
Source: SAP Detail

Year 2017

EMPLOYEE_ID	EMPLOYEE_GROUP_CD	COMPANY_CD	EMPLOYEE_SUBGROUP_CD	PERS_SUBAREA_CD	PWC Group
				Full time Count	2771
				Part Time Count	2
				Temp Count	7
				Grand Count	2780

Year 2016

EMPLOYEE_ID	EMPLOYEE_GROUP_CD	COMPANY_CD	EMPLOYEE_SUBGROUP_CD	PERS_SUBAREA_CD	PWC Group
				Full time Count	2744
				Part Time Count	5
				Temp Count	9
				Grand Count	2758

Year 2015

EMPLOYEE_ID	EMPLOYEE_GROUP_CD	COMPANY_CD	EMPLOYEE_SUBGROUP_CD	PERS_SUBAREA_CD	PWC Group
				Full time Count	2665
				Part Time Count	6
				Temp Count	8
				Grand Count	2679

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-D-3 1f - Pivot Tables to Obtain Final Data Presentation on the Schedules
Source: SAP Detail Report

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation: By FERC
II-D-3.1	Narrative: Payroll information
II-D-3.2	Payroll presentation: By regular vs overtime vs. contract vs. other
II-D-3.3	Payroll presentation. By union vs exempt vs non-exempt
II-D-3.4	Payroll presentation. By capitalized vs. expensed
II-D-3 6	Payroll presentation. By bonus vs. severance vs. other

Schedule II-D-3.6 - Payroll presentation: By bonus vs. severance vs. other

Bonus Payroll

GL Accounts Related to Bonus Payroll:
515040 Bonus/Inc-Exempt
515042 Bonus/Inc-Non-Exempt
515044 Bonus/Inc-Union

Pivot Table
G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot. MET	Sum of Tot: TDCS	Sum of Tot-TOTAL
001/2018	180,694.92	745,456.06	174,297.32	83,599.38	1,184,047.68
002/2018	164 325 32	677,923 38	158,507.30	76,025.91	1,076,781 91
003/2018	(2,399 28)	(9,898.22)	(2,314.33)	(1,110.04)	(15,721.87)
004/2018	178,573.98	736,706 14	172,251 48	82,618 12	1,170,149.71
005/2018	183,836 99	758,418.69	177,328.15	85,053.08	1,204,636.92
006/2018	179,444 61	740,297 93	173,091 28	83,020 92	1,175,854 74
007/2018	186,163.88	768,018 26	179,572 66	86,129.63	1,219,884.43
008/2018	187,418 58	773,194.51	180,782.93	86,710.12	1,228,106.14
009/2018	665,823.90	2,746,853.48	642,250.07	308,046 67	4,362,974 11
010/2018	241,527 13	996,419 10	232,975 74	111,743 70	1,582,665 68
011/2018	233,760 62	964,378.38	225,484.21	108,150 49	1,531,773 70
012/2018	56,269 66	232,140.24	54,277.41	26,033.43	368,720 74
Grand Total	2,455,440 32	10,129,907.95	2,368,504.22	1,136,021 41	16,089,873 89

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	180,695	745,456	174,297	83,599	1,184,048
002/2018	164,325	677,923	158,507	76,026	1,076,782
003/2018	(2,399)	(9,898)	(2,314)	(1,110)	(15,722)
004/2018	178,574	736,706	172,251	82,618	1,170,150
005/2018	183,837	758,419	177,328	85,053	1,204,637
006/2018	179,445	740,298	173,091	83,021	1,175,855
007/2018	186,164	768,018	179,573	86,130	1,219,884
008/2018	187,419	773,195	180,783	86,710	1,228,106
009/2018	665,824	2,746,853	642,250	308,047	4,362,974
010/2018	241,527	996,419	232,976	111,744	1,582,666
011/2018	233,761	964,378	225,484	108,150	1,531,774

Severance Payroll

GL Accounts Related to Severance Payroll:
515070 Severance

Pivot Table

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot-TOTAL

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	-	-	-	-	-
002/2018	-	-	-	-	-
003/2018	-	-	-	-	-
004/2018	-	-	-	-	-
005/2018	-	-	-	-	-
006/2018	-	-	-	-	-
007/2018	-	-	-	-	-
008/2018	-	-	-	-	-
009/2018	-	-	-	-	-
010/2018	-	-	-	-	-
011/2018	-	-	-	-	-

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Other Payroll

Reconcile To Total Other Payroll

GL Accounts Related to Other Payroll:

515080 Other Compensation
517988 Other Comp-Union
517992 Oth Comp-Non-Exempt
517996 Other Comp-Exempt

Pivot Table
G/L Account (Multiple Items)

Row Labels	Sum of Tot. TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot-TOTAL
001/2018	59,738 14	246 449 41	57 623 08	27,638.14	391,448 77
002/2018	58,130.57	239,817.41	56,072.43	26,894.39	380,914 80
003/2018	65,420.86	269,893.47	63,104.60	30,267.28	428,686 22
004/2018	76,929.44	317,372.07	74,205.72	35,591 78	504,099.01
005/2018	67,880 49	280,040 66	65,477 15	31,405.24	444,803.54
006/2018	72,584.20	299 445.78	70.014 32	33,581.43	475,625 72
007/2018	61,647.50	254,326.49	59,464.84	28,521.52	403,960.35
008/2018	69,904.21	288,389.49	67,429.21	32,341.52	458,064.43
009/2018	51,593 83	212 850 13	49,767 13	23,870.14	338,081.23
010/2018	52,186 48	215,295 08	50,338 79	24,144 33	341,964 68
011/2018	83,802.59	345,727.20	80,835.52	38,771.68	549,136.98
012/2018	70,138 78	289,357.23	67,655.48	32,450.05	459,601.55
Grand Total	789,957.09	3,258,964 43	761,988 27	365,477 49	5,176,387 28

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	240,433.05	991,905.48	231,920 40	111,237.52	1,575,496.45
002/2018	222 455 89	917,740 78	214,579 73	102,920.30	1,457,696.71
003/2018	63,021.58	259,995.25	60,790.27	29,157 24	412,964 35
004/2018	255,503 42	1,054,078 21	246,457.19	118,209.90	1,674,248.72
005/2018	251,717 49	1,038,459.35	242,805.30	116,458.32	1,649,440.46
006/2018	252,028 81	1,039,743 70	243,105 60	116,602.35	1,651,480 46
007/2018	247,811.39	1,022,344.75	239,037.50	114,651 14	1,623,844 78
008/2018	257,322.79	1,061,584 00	248,212.14	119,051.64	1,686,170.57
009/2018	717,417.73	2,959,703 61	692,017.20	331,916.80	4,701,055.34
010/2018	293,713 61	1,211,714 18	283,314 53	135,888.03	1,924,630.36
011/2018	317,563 21	1,310,105.58	306,319.72	146,922.16	2,080,910 68
012/2018	126,408.45	521,497 47	121,932.89	58,483.48	828,322.29
Grand Total	**3,245,397.41**	**13,388,872.37**	**3,130,492.49**	**1,501,498.90**	**21,266,261.17**

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	59,738	246,449	57,623	27,638	391,449
002/2018	58,131	239,817	56,072	26,894	380,915
003/2018	65,421	269,893	63,105	30,267	428,686
004/2018	76,929	317,372	74,206	35,592	504,099
005/2018	67,880	280,041	65,477	31,405	444,804
006/2018	72,584	299,446	70,014	33,581	475,626
007/2018	61,648	254,326	59,465	28,522	403,960
008/2018	69,904	288,389	67,429	32,342	458,064
009/2018	51,594	212,850	49,767	23,870	338,081
010/2018	52,186	215,295	50,339	24,144	341,965
011/2018	83,803	345,727	80,836	38,772	549,137

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	240,433	991,905	231,920	111,238	1,575,496
002/2018	222,456	917,741	214,580	102,920	1,457,697
003/2018	63,022	259,995	60,790	29,157	412,964
004/2018	255,503	1,054,078	246,457	118,210	1,674,249
005/2018	251,717	1,038,459	242,805	116,458	1,649,440
006/2018	252,029	1,039,744	243,106	116,602	1,651,480
007/2018	247,811	1,022,345	239,037	114,651	1,623,845
008/2018	257,323	1,061,584	248,212	119,052	1,686,171
009/2018	717,418	2,959,704	692,017	331,917	4,701,055
010/2018	293,714	1,211,714	283,315	135,888	1,924,630
011/2018	317,563	1,310 106	306,320	146,922	2,080,911

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-D-3.1f - Pivot Tables to Obtain Final Data Presentation on the Schedules
Source: SAP Detail Report

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation. By FERC
II-D-3.1	Narrative: Payroll information
II-D-3.2	Payroll presentation By regular vs overtime vs contract vs other
II-D-3.3	Payroll presentation. By union vs. exempt vs. non-exempt
II-D-3.4	Payroll presentation. By capitalized vs. expensed
II-D-3.6	Payroll presentation. By bonus vs. severance vs. other

Schedule II-D-3.6 - Payroll presentation: By bonus vs. severance vs. other

Bonus Payroll					
012/2018	56,270	232,140	54,277	26,033	368,721
Grand Total	2,455,440	10,129,908	2,368,504	1,136,021	16,089,874

Severance Payroll					
012/2018	-	-	-	-	-
Grand Total	-	-	-	-	-

Other Payroll

012/2018	70,139	289,357	67,655	32,450	459,602
Grand Total	**789,957**	**3,258,964**	**761,988**	**365,477**	**5,176,387**

Reconcile To Total Other Payroll

012/2018	126,408	521,497	121,933	58,483	828,322
Grand Total	**3,245,397**	**13,388,872**	**3,130,492**	**1,501,499**	**21,266,261**

WORKPAPER WP/II-D-3.1f - Pivot Tables to Obtain Final Data Presentation on the Schedules
Source. SAP Detail Report

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation. By FERC
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II-D-3 3	Payroll presentation: By union vs exempt vs non-exempt
II-D-3.4	Payroll presentation. By capitalized vs. expensed
II-D-3.6	Payroll presentation: By bonus vs severance vs other

Schedule II-D-3.6 - Payroll presentation: By bonus vs. severance vs. other

Bonus Payroll

2019 45 Day Update:

Pivot Table
G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot-TOTAL
001/2019	287,593	757,533	99,108	95,876	1,240,110
002/2019	255,604	665,607	88,683	85,598	1,095,492
003/2019	166,351	299,460	95,218	57,043	618,072
Grand Total	709,547	1,722,600	283,009	238,517	2,953,674

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2019	287,593	757,533	99,108	95,876	1,240,110
002/2019	255,604	665,607	88,683	85,598	1,095,492
003/2019	166,351	299,460	95,218	57,043	618,072
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	709,547	1,722,600	283,009	238,517	2,953,674

Severance Payroll

Pivot Table
G/L Account 515070

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot-TOTAL
001/2019	99,488	370,249	945	31,329	502,012
002/2019	676,426	2,517,341	6,428	213,008	3,413,204
003/2019	794	2,957	8	250	4,009
Grand Total	776,709	2,890,547	7,381	244,587	3,919,224

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2019	99,488	370,249	945	31,329	502,012
002/2019	676,426	2,517,341	6,428	213,008	3,413,204
003/2019	794	2,957	8	250	4,009
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	776,709	2,890,547	7,381	244,587	3,919,224

Check >>>

Other Payroll

Reconcile To Total Other Payroll

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot-TOTAL
001/2019	76,556	191,082	25,250	45,553	338,442
002/2019	88,415	234,821	26,653	39,630	389,520
003/2019	124,815	306,370	33,131	39,442	503,759
Grand Total	**289,787**	**732,274**	**85,034**	**124,625**	**1,231,720**

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2019	463,638	1,318,864	125,303	172,758	2,080,563
002/2019	1,020,446	3,417,770	121,764	338,236	4,898,215
003/2019	291,960	608,787	128,357	96,736	1,125,840
004/2019					
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	1,776,043	5,345,421	375,424	607,730	8,104,618

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2019	76,556	191,082	25,250	45,553	338,442
002/2019	88,415	234,821	26,653	39,630	389,520
003/2019	124,815	306,370	33,131	39,442	503,759
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	289,787	732,274	85,034	124,625	1,231,720

Reference to Pivot Table Above with Adjustment to December (Orange Highlight)

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2019	463,638	1,318,864	125,303	172,758	2,080 563
002/2019	1,020,446	3,417,770	121,764	338,236	4,898,215
003/2019	291,960	608,787	128,357	96,736	1,125,840
004/2019	-	-	-	-	-
005/2019	-	-	-	-	-
006/2019	-	-	-	-	-
007/2019	-	-	-	-	-
008/2019	-	-	-	-	-
009/2019	-	-	-	-	-
010/2019	-	-	-	-	-
011/2019	-	-	-	-	-
012/2019	-	-	-	-	-
Grand Total	1,776,043	5,345,421	375,424	607,730	8,104,618
	-	-	-	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDING 12/31/2018

CONFIDENTIAL

Workpapers WP/II-D-3.6.1a – Compensation Other Than Standard Compensation by Function is confidential. A copy of this material will be provided only after execution of a certification to be bound by the draft protective order set forth in Section VII of this Rate Filing Package or a protective order issued in this docket.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDING 12/31/2018

CONFIDENTIAL

Workpapers WP/II-D-3.7 – Administration Fees is confidential. A copy of this material will be provided only after execution of a certification to be bound by the draft protective order set forth in Section VII of this Rate Filing Package or a protective order issued in this docket.

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	257064	2018/01	SA	105282804	Expense Accruals	DCP Expense Accrual	01/31/2018	01/31/2018	-333.00	Include
3	257064	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	439,833.00	Include
3	257064	2018/02	SA	105333088		Reconciliation Adjustment	02/28/2018	02/28/2018	-248.48	Include
3	257064	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	439,833.00	Include
3	257064	2018/02	SA	105333232	Expense Accruals	DCP Expense Accrual	02/28/2018	02/28/2018	-333.00	Include
3	257064	2018/03	SA	105361079	Expense Accruals	DCP Expense Accrual	03/31/2018	03/31/2018	-333.00	Include
3	257064	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	439,833.00	Include
3	257064	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	439,833.00	Include
3	257064	2018/04	SA	105417877	Expense Accruals	DCP Expense Accrual	04/30/2018	04/30/2018	-333.00	Include
3	257064	2018/05	SA	105452387	Expense Accruals	DCP Expense Accrual	05/31/2018	05/31/2018	-333.00	Include
3	257064	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	439,833.00	Include
3	257064	2018/06	SA	105491990	Expense Accruals	DCP Expense Accrual	06/30/2018	06/30/2018	-333.00	Include
3	257064	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	439,833.00	Include
3	257064	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	439,833.00	Include
3	257064	2018/07	SA	105549726	Expense Accruals	DCP Expense Accrual	07/31/2018	07/31/2018	-333.00	Include
3	257064	2018/08	SA	105583651	Expense Accruals	DCP Expense Accrual	08/31/2018	08/31/2018	-333.00	Include
3	257064	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	439,833.00	Include
3	257064	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	439,833.00	Include
3	257064	2018/09	SA	105638292	Expense Accruals	DCP Expense Accrual	09/30/2018	09/30/2018	-333.00	Include
3	257064	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	439,833.00	Include
3	257064	2018/10	SA	105681193	Expense Accruals	DCP Expense Accrual	10/31/2018	10/31/2018	-333.00	Include
3	257064	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	439,833.00	Include
3	257064	2018/11	SA	105718892	Expense Accruals	DCP Expense Accrual	11/30/2018	11/30/2018	-333.00	Include
3	257064	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	439,833.00	Include
3	257064	2018/12	SA	105774843	Expense Accruals	DCP Expense Accrual	12/31/2018	12/31/2018	-333.00	Include
3	518020	2018/01	SA	105274383		FMCP ER Retiree	01/31/2018	01/31/2018	-245,793.30	Include
3	518020	2018/02	SA	105293107		FMCP ER Retiree	02/28/2018	02/28/2018	-245,273.08	Include
3	518020	2018/03	SA	105340450		FMCP ER Retiree	03/31/2018	03/31/2018	-246,677.04	Include
3	518020	2018/04	SA	105404914		FMCP ER Retiree	04/30/2018	04/30/2018	-249,158.05	Include
3	518020	2018/05	SA	105447932		FMCP ER Retiree	05/31/2018	05/31/2018	-247,071.04	Include
3	518020	2018/06	SA	105481072		FMCP ER Retiree	06/30/2018	06/30/2018	-245,596.68	Include
3	518020	2018/07	SA	105531397		FMCP ER Retiree	07/30/2018	07/30/2018	-244,487.97	Include
3	518020	2018/08	SA	105556438		FMCP ER Retiree	08/31/2018	08/31/2018	-244,897.97	Include
3	518020	2018/09	SA	105620403		FMCP ER Retiree	09/30/2018	09/30/2018	-243,676.29	Include
3	518020	2018/01	SA	105274395		H&W Accrual	01/31/2018	01/31/2018	1,620,833.00	Include
3	518020	2018/01	SA	105282685		H&W Accrual	01/31/2018	01/31/2018	1,818,917.00	Include
3	518020	2018/01	SA	105282715		H&W Accrual	01/31/2018	01/31/2018	-1,620,833.00	Include
3	518020	2018/02	SR	105308491		H&W Accrual	02/25/2018	02/25/2018	1,818,917.00	Exclude
3	518020	2018/03	SR	105353242		H&W Accrual	03/25/2018	03/25/2018	1,818,917.00	Exclude
3	518020	2018/04	SR	105404399		H&W Accrual	04/25/2018	04/25/2018	1,818,917.00	Exclude
3	518020	2018/05	SR	105444792		H&W Accrual	05/25/2018	05/25/2018	1,818,917.00	Exclude
3	518020	2018/06	SR	105489986		H&W Accrual	06/25/2018	06/25/2018	1,818,917.00	Exclude
3	518020	2018/07	SR	105532326		H&W Accrual	07/25/2018	07/25/2018	1,689,751.19	Exclude
3	518020	2018/08	SR	105576794		H&W Accrual	08/25/2018	08/25/2018	1,689,751.19	Exclude
3	518020	2018/09	SR	105620475		H&W Accrual	09/25/2018	09/25/2018	1,689,751.19	Exclude
3	518020	2018/06	SA	105490764		H&W IBNR Adj	06/30/2018	06/30/2018	-2,655,099.00	Include
3	518020	2018/09	SA	105638382		H&W IBNR Adj	09/30/2018	09/30/2018	-1,848,529.00	Include
3	518020	2018/01	SA	105251533		NECA ER Premiums	01/11/2018	01/11/2018	1,998,319.51	Include
3	518020	2018/01	SA	105254374		NECA ER Premiums	01/18/2018	01/18/2018	1,994,090.08	Include
3	518020	2018/01	SA	105261064		NECA ER Premiums	01/24/2018	01/24/2018	-1,994,090.08	Include
3	518020	2018/02	SA	105287273		NECA ER Premiums	02/05/2018	02/05/2018	1,994,090.08	Include
3	518020	2018/03	SA	105340473		NECA ER Premiums	03/15/2018	03/15/2018	2,005,538.12	Include
3	518020	2018/04	SA	105382077		NECA ER Premiums	04/11/2018	04/11/2018	2,026,384.42	Include
3	518020	2018/05	SA	105426207		NECA ER Premiums	05/10/2018	05/10/2018	2,008,707.61	Include

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
Exclude	No	1
Include	Yes	1
Include	Yes	2
Include	Yes	2
Exclude	No	2
Exclude	No	3
Include	Yes	3
Include	Yes	4
Exclude	No	4
Exclude	No	5
Include	Yes	5
Exclude	No	6
Include	Yes	6
Include	Yes	7
Exclude	No	7
Exclude	No	8
Include	Yes	8
Include	Yes	9
Exclude	No	9
Include	Yes	10
Exclude	No	10
Include	Yes	11
Exclude	No	11
Include	Yes	12
Exclude	No	12
Include	Yes	1
Include	Yes	2
Include	Yes	3
Include	Yes	4
Include	Yes	5
Include	Yes	6
Include	Yes	7
Include	Yes	8
Include	Yes	9
Exclude	No	1
Exclude	No	1
Exclude	No	1
Exclude	No	2
Exclude	No	3
Exclude	No	4
Exclude	No	5
Exclude	No	6
Exclude	No	7
Exclude	No	8
Exclude	No	9
Exclude	No	6
Exclude	No	9
Include	Yes	1
Include	Yes	1
Include	Yes	1
Include	Yes	2
Include	Yes	3
Include	Yes	4
Include	Yes	5

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	518020	2018/06	SA	105462400		NECA ER Premiums	06/04/2018	06/04/2018	1,999,231.82	Include
3	518020	2018/07	SA	105507588		NECA ER Premiums	07/06/2018	07/06/2018	1,985,196.19	Include
3	518020	2018/08	SA	105550172		NECA ER Premiums	08/06/2018	08/06/2018	1,991,040.40	Include
3	518020	2018/09	SA	105599139		NECA ER Premiums	09/04/2018	09/04/2018	1,981,108.03	Include
3	518020	2018/10	SA	105641935		NECA ER Premiums	10/03/2018	10/03/2018	2,030,529.44	Include
3	518020	2018/10	SA	105676050		FMCP ER Retiree	10/31/2018	10/31/2018	-249,755.12	Include
3	518020	2018/11	SA	105684076		NECA ER Premiums	11/02/2018	11/02/2018	2,013,215.41	Include
3	518020	2018/11	SA	105690653		FMCP ER Retiree	11/30/2018	11/30/2018	-247,625.50	Include
3	518020	2018/12	SA	105729806		NECA ER Premiums	12/05/2018	12/05/2018	2,017,169.59	Include
3	518020	2018/12	SA	105733322		FMCP ER Retiree	12/31/2018	12/31/2018	-248,111.86	Include
3	518020	2018/12	SA	105759382		H&W IBNR Adj	12/31/2018	12/31/2018	-1,482,079.00	Include
3	518020	2018/12	SA	105774914		HC FSA PY2017 Forfeiture	12/31/2018	12/31/2018	-2,824.89	Include
3	518020	2018/12	SA	105774978		DC FSA PY17 Forfeiture	12/31/2018	12/31/2018	-7,478.17	Include
3	518020	2018/10	SR	105664245		H&W Accrual	10/25/2018	10/25/2018	1,689,751.19	Exclude
3	518020	2018/11	SR	105708330		H&W Accrual	11/25/2018	11/25/2018	1,689,751.19	Exclude
3	518020	2018/12	SR	105759434		H&W Accrual	12/25/2018	12/25/2018	1,689,751.19	Exclude
3	518032	2018/01	SA	105274383		FMCP ER Retiree	01/31/2018	01/31/2018	245,793.30	Include
3	518032	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	32,417.00	Include
3	518032	2018/01	SA	105287280	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	1,660.06	Include
3	518032	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	6,558.17	Include
3	518032	2018/01	SA	105290480	Pension PURA 36.065 - January 2018	Pension PURA 36.065 2018	01/01/2018	01/01/2018	349,958.56	Include
3	518032	2018/02	SA	105293107		FMCP ER Retiree	02/28/2018	02/28/2018	245,273.08	Include
3	518032	2018/02	SA	105293116	Pension PURA 36 065 - December 2017 True-up	Pension PURA 36.065 2017	02/01/2018	02/01/2018	1,988.44	Include
3	518032	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	32,417.00	Include
3	518032	2018/02	SA	105337011	Pension PURA 36.065 - February 2018	Pension PURA 36 065 2018	02/01/2018	02/01/2018	-105,249.57	Include
3	518032	2018/02	SA	105337035	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	02/01/2018	02/01/2018	-16,408.16	Include
3	518032	2018/02	SA	105337050	Pension PURA 36.065 - January 2018 True-up	Pension PURA 36 065 2018	02/01/2018	02/01/2018	-462,663.83	Include
3	518032	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	-9,849.99	Include
3	518032	2018/03	SA	105340450		FMCP ER Retiree	03/31/2018	03/31/2018	246,677.04	Include
3	518032	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	32,417.00	Include
3	518032	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	-9,849.99	Include
3	518032	2018/03	SA	105381829	Pension PURA 36.065 - March 2018	Pension PURA 36 065 2018	03/01/2018	03/01/2018	-114,262.15	Include
3	518032	2018/04	SA	105404914		FMCP ER Retiree	04/30/2018	04/30/2018	249,158.05	Include
3	518032	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	-9,849.99	Include
3	518032	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	32,417.00	Include
3	518032	2018/04	SA	105422942	Pension PURA 36.065 - April 2018	Pension PURA 36.065 2018	04/01/2018	04/01/2018	-116,650.29	Include
3	518032	2018/05	SA	105440339	Pension PURA 36.065 - April 2018 True-up	Pension PURA 36 065 2018	05/01/2018	05/01/2018	-7.90	Include
3	518032	2018/05	SA	105447932		FMCP ER Retiree	05/31/2018	05/31/2018	247,071.04	Include
3	518032	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	32,417.00	Include
3	518032	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	-9,849.99	Include
3	518032	2018/05	SA	105468108	Pension PURA 36.065 - May 2018	Pension PURA 36 065 2018	05/01/2018	05/01/2018	-110,752.80	Include
3	518032	2018/06	SA	105481072		FMCP ER Retiree	06/30/2018	06/30/2018	245,596.68	Include
3	518032	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	32,417.00	Include
3	518032	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	-10,234.19	Include
3	518032	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	-1,920.99	Include
3	518032	2018/06	SA	105511413	Pension PURA 36.065 - June 2018	Pension PURA 36 065 2018	06/01/2018	06/01/2018	-87,730.57	Include
3	518032	2018/07	SA	105531397		FMCP ER Retiree	07/30/2018	07/30/2018	244,487.97	Include
3	518032	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	32,417.00	Include
3	518032	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	-10,234.19	Include
3	518032	2018/07	SA	105550042	Pension PURA 36.065 - July 2018	Pension PURA 36 065 2018	07/01/2018	07/01/2018	-111,344.97	Include
3	518032	2018/08	SA	105556438		FMCP ER Retiree	08/31/2018	08/31/2018	244,897.97	Include
3	518032	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	-10,234.19	Include
3	518032	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	32,417.00	Include
3	518032	2018/08	SA	105601158	Pension PURA 36 065 - August 2018	Pension PURA 36 065 2018	08/31/2018	08/31/2018	-119,136.36	Include

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
Include	Yes	6
Include	Yes	7
Include	Yes	8
Include	Yes	9
Include	Yes	10
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Include	Yes	11
Include	Yes	11
Include	Yes	12
Include	Yes	12
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Include	Yes	12
Include	Yes	12
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Exclude	No	1
Exclude	No	1
Include	Yes	1
Include	Yes	2
Include	Yes	2
Include	Yes	2
Include	Yes	2
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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	518032	2018/09	SA	105620403		FMCP ER Retiree	09/30/2018	09/30/2018	243,676.29	Include
3	518032	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	32,417 00	Include
3	518032	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-396.61	Include
3	518032	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	-10,283.76	Include
3	518032	2018/09	SA	105642116	Pension PURA 36.065 - September 2018	Pension PURA 36 065 2018	09/30/2018	09/30/2018	-129,538.34	Include
3	518032	2018/10	SA	105676050		FMCP ER Retiree	10/31/2018	10/31/2018	249,755.12	Include
3	518032	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	32,417.00	Include
3	518032	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	-10,283.76	Include
3	518032	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	10,283.76	Include
3	518032	2018/10	SA	105683829	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/31/2018	10/31/2018	-10,283 76	Include
3	518032	2018/10	SA	105684189	Pension PURA 36 065 - October 2018	Pension PURA 36.065 2018	10/31/2018	10/31/2018	-98,852.46	Include
3	518032	2018/11	SA	105690653		FMCP ER Retiree	11/30/2018	11/30/2018	247,625.50	Include
3	518032	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	32.417 00	Include
3	518032	2018/11	SA	105729953	Pension PURA Dkt 38339 Co 2 Allocation - November	Pension PURA Docket 38339	11/30/2018	11/30/2018	-9,034.88	Include
3	518032	2018/11	SA	105729955	Pension PURA 36.065 - November 2018	Pension PURA 36.065 2018	11/30/2018	11/30/2018	-112,103.73	Include
3	518032	2018/12	SA	105733322		FMCP ER Retiree	12/31/2018	12/31/2018	248,111.86	Include
3	518032	2018/12	SA	105737341	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/20/2018	12/20/2018	-8,855.05	Include
3	518032	2018/12	SA	105737392	Pension PURA Dkt 38339 Co 2 Allocation - YTD Nov	Pension PURA Docket 38339	12/20/2018	12/20/2018	1,978.14	Include
3	518032	2018/12	SA	105737396	Pension PURA 2011 YTD Nov vs Actual	Pension PURA 2011 True-up	12/20/2018	12/20/2018	6,648.38	Include
3	518032	2018/12	SA	105737397	Pension PURA 2011 True-up	Pension PURA 2011 True-up	12/20/2018	12/20/2018	-48,413.65	Include
3	518032	2018/12	SA	105737398	Pension PURA 2012 YTD Nov vs Actual	Pension PURA 2012 True-up	12/20/2018	12/20/2018	2,407.51	Include
3	518032	2018/12	SA	105737403	Pension PURA 2011 Final True-up	Pension PURA 2011 Final T	11/30/2018	12/20/2018	359,836.26	Include
3	518032	2018/12	SA	105737404	Pension PURA 2012 Final True-up	Pension PURA 2012 Final T	11/30/2018	12/20/2018	454,972.37	Include
3	518032	2018/12	SA	105737405	Pension PURA 2013 Final True-up	Pension PURA 2013 Final T	11/30/2018	12/20/2018	371,389 83	Include
3	518032	2018/12	SA	105737406	Pension PURA 2014 Final True-up	Pension PURA 2014 Final T	11/30/2018	12/20/2018	236,841 42	Include
3	518032	2018/12	SA	105737407	Pension PURA 2015 Final True-up	Pension PURA 2015 Final T	11/30/2018	12/20/2018	162,798.69	Include
3	518032	2018/12	SA	105737408	Pension PURA 2016 Final True-up	Pension PURA 2016 Final T	11/30/2018	12/20/2018	-18,769.65	Include
3	518032	2018/12	SA	105737409	Pension PURA 2017 Final True-up	Pension PURA 2017 Final T	11/30/2018	12/20/2018	23,354.26	Include
3	518032	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	94,310.06	Include
3	518032	2018/12	SA	105737422	Pension PURA 2018 YTD October True-up	Pension PURA Docket Split	12/20/2018	12/20/2018	12,488 87	Include
3	518032	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	32,417.00	Include
3	518032	2018/12	SA	105777268	Pension PURA 36.065 - December 2018	Pension PURA 36.065 2018	12/31/2018	12/31/2018	-95,264 06	Include
3	518032	2018/12	SA	105777269	Pension PURA 36.065 - November 2018 SPL Trueup	Pension PURA 36 065 2018	12/31/2018	12/31/2018	-437.10	Include
3	518032	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	-1 042.59	Include
3	518032	2018/12	SA	105780107	Pension PURA Dkt 38339 Co 2 Allocation - 2018 YTD	Pension PURA Docket 38339	12/31/2018	12/31/2018	-749.49	Include
3	518090	2018/01	SA	105282815	Expense Accruals	ASC 712 Accruals	01/31/2018	01/31/2018	31,917 00	Include
3	518090	2018/01	SA	105282815	Expense PAYG Claims	ASC 712 Accruals	01/31/2018	01/31/2018	127,159 91	Include
3	518090	2018/02	SA	105333227	Expense Accruals	ASC 712 Accruals	02/28/2018	02/28/2018	31,917.00	Include
3	518090	2018/02	SA	105333227	Expense PAYG Claims	ASC 712 Accruals	02/28/2018	02/28/2018	92,400.55	Include
3	518090	2018/03	SA	105372136	Expense Accruals	ASC 712 Accruals	03/31/2018	03/31/2018	31,917.00	Include
3	518090	2018/03	SA	105372136	Expense PAYG Claims	ASC 712 Accruals	03/31/2018	03/31/2018	102,047.00	Include
3	518090	2018/04	SA	105422429	Expense Accruals	ASC 712 Accruals	04/30/2018	04/30/2018	31,917.00	Include
3	518090	2018/04	SA	105422429	Expense PAYG Claims	ASC 712 Accruals	04/30/2018	04/30/2018	219,947.51	Include
3	518090	2018/05	SA	105462396	Expense Accruals	ASC 712 Accruals	05/31/2018	05/31/2018	31,917.00	Include
3	518090	2018/05	SA	105462396	Expense PAYG Claims	ASC 712 Accruals	05/31/2018	05/31/2018	152,042 63	Include
3	518090	2018/06	SA	105507717	Expense PAYG Claims	ASC 712 Accruals	06/30/2018	06/30/2018	145,975.32	Include
3	518090	2018/06	SA	105507717	Expense Accruals	ASC 712 Accruals	06/30/2018	06/30/2018	31,917.00	Include
3	518090	2018/07	SA	105546940	Expense Accruals	ASC 712 Accruals	07/31/2018	07/31/2018	31,917.00	Include
3	518090	2018/07	SA	105546940	Expense PAYG Claims	ASC 712 Accruals	07/31/2018	07/31/2018	293,880.99	Include
3	518090	2018/08	SA	105598992	Expense Accruals	ASC 712 Accruals	08/31/2018	08/31/2018	31,917.00	Include
3	518090	2018/08	SA	105598992	Expense PAYG Claims	ASC 712 Accruals	08/31/2018	08/31/2018	174,513.47	Include
3	518090	2018/09	SA	105638399	Expense Accruals	ASC 712 Accruals	09/30/2018	09/30/2018	31,917.00	Include
3	518090	2018/09	SA	105638399	Expense PAYG Claims	ASC 712 Accruals	09/30/2018	09/30/2018	257,332.89	Include
3	518090	2018/02	SA	105293116	Pension PURA 36.065 - December 2017 True-up	Pension PURA 36.065 2017	02/01/2018	02/01/2018	-1,727.53	Include

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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	518090	2018/01	SA	105290480	Pension PURA 36 065 - January 2018	Pension PURA 36.065 2018	01/01/2018	01/01/2018	62,747.43	Include
3	518090	2018/02	SA	105337011	Pension PURA 36.065 - February 2018	Pension PURA 36 065 2018	02/01/2018	02/01/2018	82,196.57	Include
3	518090	2018/02	SA	105337050	Pension PURA 36 065 - January 2018 True-up	Pension PURA 36.065 2018	02/01/2018	02/01/2018	5.80	Include
3	518090	2018/03	SA	105381829	Pension PURA 36 065 - March 2018	Pension PURA 36 065 2018	03/01/2018	03/01/2018	73,918.21	Include
3	518090	2018/04	SA	105422942	Pension PURA 36.065 - April 2018	Pension PURA 36.065 2018	04/01/2018	04/01/2018	17,345.85	Include
3	518090	2018/05	SA	105440339	Pension PURA 36.065 - April 2018 True-up	Pension PURA 36.065 2018	05/01/2018	05/01/2018	-7.06	Include
3	518090	2018/05	SA	105468108	Pension PURA 36.065 - May 2018	Pension PURA 36.065 2018	05/01/2018	05/01/2018	52,823.64	Include
3	518090	2018/06	SA	105511413	Pension PURA 36.065 - June 2018	Pension PURA 36.065 2018	06/01/2018	06/01/2018	69,898.27	Include
3	518090	2018/07	SA	105550042	Pension PURA 36.065 - July 2018	Pension PURA 36.065 2018	07/01/2018	07/01/2018	-14,132.95	Include
3	518090	2018/08	SA	105601158	Pension PURA 36.065 - August 2018	Pension PURA 36.065 2018	08/31/2018	08/31/2018	35,566.12	Include
3	518090	2018/09	SA	105642116	Pension PURA 36.065 - September 2018	Pension PURA 36.065 2018	09/30/2018	09/30/2018	-16,638.26	Include
3	518090	2018/01	SA	105260963	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	698.45	Include
3	518090	2018/01	SA	105287280	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	698.45	Include
3	518090	2018/01	SA	105289672	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	-698.45	Include
3	518090	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	-7,106.59	Include
3	518090	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	-7,106.59	Include
3	518090	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	-7,106.59	Include
3	518090	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	-7,106.59	Include
3	518090	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	-7,106.59	Include
3	518090	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	-16,872.36	Include
3	518090	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	-48,828.83	Include
3	518090	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	-16,872.36	Include
3	518090	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	-16,872.36	Include
3	518090	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-63,776.76	Include
3	518090	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	-24,844.45	Include
3	518090	2018/10	SA	105682033	Expense Accruals	ASC 712 Accruals	10/31/2018	10/31/2018	31,917.00	Include
3	518090	2018/10	SA	105682033	Expense PAYG Claims	ASC 712 Accruals	10/31/2018	10/31/2018	129,626.88	Include
3	518090	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	-24,844.45	Include
3	518090	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	24,844.45	Include
3	518090	2018/10	SA	105683829	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/31/2018	10/31/2018	-24,844.45	Include
3	518090	2018/10	SA	105684189	Pension PURA 36.065 - October 2018	Pension PURA 36 065 2018	10/31/2018	10/31/2018	70,591.24	Include
3	518090	2018/11	SA	105705251	YTD Accruals True Up	FAS 112 Accruals	11/30/2018	11/30/2018	-136,667.00	Include
3	518090	2018/11	SA	105718995	Expense Accruals	ASC 712 Accruals	11/30/2018	11/30/2018	18,250.00	Include
3	518090	2018/11	SA	105718995	Expense PAYG Claims	ASC 712 Accruals	11/30/2018	11/30/2018	179,954.83	Include
3	518090	2018/11	SA	105729953	Pension PURA Dkt 38339 Co 2 Allocation - November	Pension PURA Docket 38339	11/30/2018	11/30/2018	-24,844.45	Include
3	518090	2018/11	SA	105729955	Pension PURA 36.065 - November 2018	Pension PURA 36 065 2018	11/30/2018	11/30/2018	106,820.60	Include
3	518090	2018/12	SA	105737341	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/20/2018	12/20/2018	66,314.19	Include
3	518090	2018/12	SA	105737392	Pension PURA Dkt 38339 Co 2 Allocation - YTD Nov	Pension PURA Docket 38339	12/20/2018	12/20/2018	1,002,745.08	Include
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3	518090	2018/12	SA	105737398	Pension PURA 2012 YTD Nov vs Actual	Pension PURA 2012 True-up	12/20/2018	12/20/2018	1,135.74	Include
3	518090	2018/12	SA	105737399	Pension PURA 2013 YTD Nov vs Actual	Pension PURA 2013 True-up	12/20/2018	12/20/2018	4,354.06	Include
3	518090	2018/12	SA	105737400	Pension PURA 2014 Final Discount Rate	Pension PURA 2014 True-up	12/20/2018	12/20/2018	2,143.77	Include
3	518090	2018/12	SA	105737401	Pension PURA 2015 YTD Nov vs Actual	Pension PURA 2015 True-up	12/20/2018	12/20/2018	18,069.42	Include
3	518090	2018/12	SA	105737403	Pension PURA 2011 Final True-up	Pension PURA 2011 Final T	11/30/2018	12/20/2018	135,028.79	Include
3	518090	2018/12	SA	105737404	Pension PURA 2012 Final True-up	Pension PURA 2012 Final T	11/30/2018	12/20/2018	117,104.66	Include
3	518090	2018/12	SA	105737405	Pension PURA 2013 Final True-up	Pension PURA 2013 Final T	11/30/2018	12/20/2018	58,525.83	Include
3	518090	2018/12	SA	105737406	Pension PURA 2014 Final True-up	Pension PURA 2014 Final T	11/30/2018	12/20/2018	32,111.66	Include
3	518090	2018/12	SA	105737407	Pension PURA 2015 Final True-up	Pension PURA 2015 Final T	11/30/2018	12/20/2018	-59,776.90	Include
3	518090	2018/12	SA	105737408	Pension PURA 2016 Final True-up	Pension PURA 2016 Final T	11/30/2018	12/20/2018	-25,919.18	Include
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3	518090	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	22,851.31	Include
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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	518090	2018/12	SA	105774915	YTD Accruals True Up	FAS 112 Accruals	12/31/2018	12/31/2018	21 000 00	Include
3	518090	2018/12	SA	105777020	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/31/2018	12/31/2018	12,831.30	Include
3	518090	2018/12	SA	105777268	Pension PURA 36.065 - December 2018	Pension PURA 36.065 2018	12/31/2018	12/31/2018	64,188.03	Include
3	518090	2018/12	SA	105777269	Pension PURA 36.065 - November 2018 SPL Trueup	Pension PURA 36.065 2018	12/31/2018	12/31/2018	-96 05	Include
3	518090	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	-5,088 22	Include
3	518090	2018/12	SA	105780107	Pension PURA Dkt 38339 Co 2 Allocation - 2018 YTD	Pension PURA Docket 38339	12/31/2018	12/31/2018	3,542.66	Include
3	718032	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	-147,667 00	Include
3	718032	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	34,590.77	Include
3	718032	2018/01	SA	105290480	Pension PURA 36.065 - January 2018	Pension PURA 36.065 2018	01/01/2018	01/01/2018	323,524.19	Include
3	718032	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	-147,667.00	Include
3	718032	2018/02	SA	105337011	Pension PURA 36 065 - February 2018	Pension PURA 36.065 2018	02/01/2018	02/01/2018	782,357.11	Include
3	718032	2018/02	SA	105337035	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	02/01/2018	02/01/2018	16,408 16	Include
3	718032	2018/02	SA	105337050	Pension PURA 36 065 - January 2018 True-up	Pension PURA 36.065 2018	02/01/2018	02/01/2018	462,668 59	Include
3	718032	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	50,998.92	Include
3	718032	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	-147,667 00	Include
3	718032	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	50,998.92	Include
3	718032	2018/03	SA	105381829	Pension PURA 36 065 - March 2018	Pension PURA 36.065 2018	03/01/2018	03/01/2018	786,798.40	Include
3	718032	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	50,998.92	Include
3	718032	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	-147,667.00	Include
3	718032	2018/04	SA	105422942	Pension PURA 36 065 - April 2018	Pension PURA 36.065 2018	04/01/2018	04/01/2018	787,438.55	Include
3	718032	2018/05	SA	105440339	Pension PURA 36 065 - April 2018 True-up	Pension PURA 36.065 2018	05/01/2018	05/01/2018	4.14	Include
3	718032	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	-147,667.00	Include
3	718032	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	50,998.92	Include
3	718032	2018/05	SA	105468108	Pension PURA 36.065 - May 2018	Pension PURA 36.065 2018	05/01/2018	05/01/2018	784 846.28	Include
3	718032	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	-147 667.00	Include
3	718032	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	56,364.16	Include
3	718032	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	26,826.15	Include
3	718032	2018/06	SA	105511413	Pension PURA 36.065 - June 2018	Pension PURA 36.065 2018	06/01/2018	06/01/2018	772,976 18	Include
3	718032	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	-147,667.00	Include
3	718032	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	56,364.16	Include
3	718032	2018/07	SA	105550042	Pension PURA 36 065 - July 2018	Pension PURA 36 065 2018	07/01/2018	07/01/2018	785,792.07	Include
3	718032	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	56,364.16	Include
3	718032	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	-147,667 00	Include
3	718032	2018/08	SA	105601158	Pension PURA 36.065 - August 2018	Pension PURA 36.065 2018	08/31/2018	08/31/2018	789,839.65	Include
3	718032	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	-147 667 00	Include
3	718032	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-1,891.91	Include
3	718032	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	56,127.67	Include
3	718032	2018/09	SA	105642116	Pension PURA 36.065 - September 2018	Pension PURA 36.065 2018	09/30/2018	09/30/2018	795,724.03	Include
3	718032	2018/09	SA	105645501	Q3 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-166,964.08	Include
3	718032	2018/09	SA	105645501	Q1 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-152,996 77	Include
3	718032	2018/09	SA	105645501	Q2 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-185,188.15	Include
3	718032	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	-147,667.00	Include
3	718032	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	56,127.67	Include
3	718032	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	-56,127 67	Include
3	718032	2018/10	SA	105684189	Pension PURA 36.065 - October 2018	Pension PURA 36.065 2018	10/31/2018	10/31/2018	777,976 16	Include
3	718032	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	-147,667 00	Include
3	718032	2018/11	SA	105729955	Pension PURA 36 065 - November 2018	Pension PURA 36.065 2018	11/30/2018	11/30/2018	781,656.98	Include
3	718032	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	-87,600 15	Include
3	718032	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	-147,667.00	Include
3	718032	2018/12	SA	105777268	Pension PURA 36.065 - December 2018	Pension PURA 36.065 2018	12/31/2018	12/31/2018	772,667 41	Include
3	718032	2018/12	SA	105777269	Pension PURA 36 065 - November 2018 SPL Trueup	Pension PURA 36.065 2018	12/31/2018	12/31/2018	230.49	Include
3	718032	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	554 07	Include
3	257064	2018/12	SA	105786536	FAS 158 reclass-Postretirement	FAS 158 and Reg Asset	12/31/2018	12/31/2018	-49,475,296.20	Include
3	257064	2018/12	SA	105786798	FAS 158 reclass-DCP	FAS 158 - YE Adjustments	12/31/2018	12/31/2018	-942,039.79	Include

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
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Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
									5,908,012.21	

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month

125

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
2019 45 Day Update:										

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion
3	518020	2019/01	SA	105779980		NECA ER Premiums	01/11/2019	01/11/2019	2,059,037.87	Include
3	518020	2019/01	SA	105786535		FMCP ER Retiree	01/31/2019	01/31/2019	-253,261 66	Include
3	518032	2019/01	SA	105786535		FMCP ER Retiree	01/31/2019	01/31/2019	253,261 66	Include
3	518020	2019/01	SA	105786832		H&W Accrual	01/31/2019	01/31/2019	1,795,250 00	Include
3	257064	2019/01	SA	105809014		Postretirement Accrual	01/31/2019	01/31/2019	456,917 00	Include
3	518032	2019/01	SA	105809014		Postretirement Accrual	01/31/2019	01/31/2019	40,000.00	Include
3	718032	2019/01	SA	105809014		Postretirement Accrual	01/31/2019	01/31/2019	-222,250 00	Include
3	518090	2019/01	SA	105819666	Expense Accruals	ASC 712 Accruals	01/31/2019	01/31/2019	-667 00	Include
3	518090	2019/01	SA	105819666	Expense PAYG Claims	ASC 712 Accruals	01/31/2019	01/31/2019	118,866.85	Include
3	518020	2019/01	SA	105819830	Severance Journal	Severance	01/31/2019	01/31/2019	35,712.00	Include
3	518032	2019/01	SA	105823839	Pension PURA January 2019	Pension PURA 2019	01/31/2019	01/31/2019	-119,607.68	Include
3	518090	2019/01	SA	105823839	Pension PURA January 2019	Pension PURA 2019	01/31/2019	01/31/2019	78,656 16	Include
3	718032	2019/01	SA	105823839	Pension PURA January 2019	Pension PURA 2019	01/31/2019	01/31/2019	818,963.38	Include
3	518032	2019/01	SA	105823922	Pension PURA CNP Allocation - 012019	Pension PURA Docket 38339	01/31/2019	01/31/2019	-16,155 29	Include
3	518090	2019/01	SA	105823922	Pension PURA CNP Allocation - 012019	Pension PURA Docket 38339	01/31/2019	01/31/2019	-20,678 48	Include
3	518020	2019/02	SA	105823942		NECA ER Premiums	02/06/2019	02/06/2019	2,101,482 18	Include
3	518020	2019/02	SA	105829300	Severance Journal	Severance	02/28/2019	02/28/2019	403,744.00	Include
3	518020	2019/02	SA	105843409		FMCP ER Retiree	02/28/2019	02/28/2019	-258,482.31	Include
3	518032	2019/02	SA	105843409		FMCP ER Retiree	02/28/2019	02/28/2019	258,482.31	Include
3	257064	2019/02	SA	105851069		Postretirement Accrual	02/28/2019	02/28/2019	456,917 00	Include
3	518032	2019/02	SA	105851069		Postretirement Accrual	02/28/2019	02/28/2019	40,000 00	Include
3	718032	2019/02	SA	105851069		Postretirement Accrual	02/28/2019	02/28/2019	-222,250 00	Include
3	518090	2019/02	SA	105851075	Expense Accruals	ASC 712 Accruals	02/28/2019	02/28/2019	-667.00	Include
3	518090	2019/02	SA	105851075	Expense PAYG Claims	ASC 712 Accruals	02/28/2019	02/28/2019	145,939 29	Include
3	518032	2019/02	SA	105870458	Pension PURA CNP Allocation - 022019	Pension PURA Docket 38339	02/28/2019	02/28/2019	-16,155.29	Include
3	518090	2019/02	SA	105870458	Pension PURA CNP Allocation - 022019	Pension PURA Docket 38339	02/28/2019	02/28/2019	-20,678 48	Include
3	518032	2019/02	SA	105870489	Pension PURA February 2019	Pension PURA 2019	02/28/2019	02/28/2019	-122,746 84	Include
3	518090	2019/02	SA	105870489	Pension PURA February 2019	Pension PURA 2019	02/28/2019	02/28/2019	65,028 25	Include
3	718032	2019/02	SA	105870489	Pension PURA February 2019	Pension PURA 2019	02/28/2019	02/28/2019	819,383.40	Include
3	518020	2019/03	SA	105870955		NECA ER Premiums	03/08/2019	03/08/2019	2,165,465 43	Include
3	518020	2019/03	SA	105877676		FMCP ER Retiree	03/31/2019	03/31/2019	-266,352 25	Include
3	518032	2019/03	SA	105877676		FMCP ER Retiree	03/31/2019	03/31/2019	266,352 25	Include
3	518032	2019/03	SA	105898343	Pension PURA CNP Allocation - 032019	Pension PURA Docket 38339	03/31/2019	03/31/2019	-16,155.29	Include
3	518090	2019/03	SA	105898343	Pension PURA CNP Allocation - 032019	Pension PURA Docket 38339	03/31/2019	03/31/2019	-20,678 48	Include
3	257064	2019/03	SA	105915650		Postretirement Accrual	03/31/2019	03/31/2019	456,917 00	Include
3	518032	2019/03	SA	105915650		Postretirement Accrual	03/31/2019	03/31/2019	40,000 00	Include
3	718032	2019/03	SA	105915650		Postretirement Accrual	03/31/2019	03/31/2019	-222,250.00	Include
3	518090	2019/03	SA	105915813	Expense Accruals	ASC 712 Accruals	03/31/2019	03/31/2019	-667 00	Include
3	518090	2019/03	SA	105915813	Expense PAYG Claims	ASC 712 Accruals	03/31/2019	03/31/2019	68,456 03	Include
3	518020	2019/03	SA	105915934		Severance	03/31/2019	03/31/2019	-29,760.00	Include
3	518032	2019/03	SA	105921255	Pension PURA March 2019	Pension PURA 2019	03/31/2019	03/31/2019	-123,242 63	Include
3	518090	2019/03	SA	105921255	Pension PURA March 2019	Pension PURA 2019	03/31/2019	03/31/2019	104,145 52	Include
3	718032	2019/03	SA	105921255	Pension PURA March 2019	Pension PURA 2019	03/31/2019	03/31/2019	816,916 15	Include
3	518020	2019/02	SR	105850410		H&W Accrual	02/25/2019	02/25/2019	1,795,250 00	Exclude
3	518020	2019/03	SR	105896751		H&W Accrual	03/25/2019	03/25/2019	1,795,250.00	Exclude

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month

Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
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Exclude	No	2
Exclude	No	3

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	1,642,485	1,728,024	1,274,018	1,660,834	1,692,633	1,521,114	1,429,442	1,592,686	1,614,878	1,303,816	1,727,029	1,495,569	18,682,527	II-D-3.7.2
259042	25,633	20,097	20,137	(65,957)	21,635	18,399	17,452	17,190	19,921	14,674	27,401	14,339	150,922	II-D-3 7.2
259043	102,849	66,670	72,381	192,661	144,295	118,820	268,804	149,750	232,338	97,229	158,259	98,968	1,703,025	II-D-3 7 2
Grand Total	**1,770,967**	**1,814,790**	**1,366,536**	**1,787,539**	**1,858,563**	**1,658,333**	**1,715,699**	**1,759,626**	**1,867,137**	**1,415,718**	**1,912,688**	**1,608,876**	**20,536,474**	

Pivot Table

Include in Pivot Tables: Yes
Document Header Text: (Multiple Items)

Sum of Amount in local cur.	**Column Labels**												
Row Labels	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Grand Total**
240035	1,642,485	1,728,024	1,274,018	1,660,834	1,692,633	1,521,114	1,429,442	1,592,686	1,614,878	1,303,816	1,727,029	1,495,569	18,682,527
259042	25,633	20,097	20,137	-65,957	21,635	18,399	17,452	17,190	19,921	14,674	27,401	14,339	150,922
259043	102,849	66,670	72,381	192,661	144,295	118,820	268,804	149,750	232,338	97,229	158,259	98,968	1,703,025
Grand Total	**1,770,967**	**1,814,790**	**1,366,536**	**1,787,539**	**1,858,563**	**1,658,333**	**1,715,699**	**1,759,626**	**1,867,137**	**1,415,718**	**1,912,688**	**1,608,876**	**20,536,474**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	1,642,485	1,728,024	1,274,018	1,660,834	1,692,633	1,521,114	1,429,442	1,592,686	1,614,878	1,303,816	1,727,029	1,495,569	18,682,527	II-D-3.7.2
259042	25,633	20,097	20,137	(65,957)	21,635	18,399	17,452	17,190	19,921	14,674	27,401	14,339	150,922	II-D-3.7.2
259043	102,849	66,670	72,381	192,661	144,295	118,820	268,804	149,750	232,338	97,229	158,259	98,968	1,703,025	II-D-3.7.2
Grand Total	**1,770,967**	**1,814,790**	**1,366,536**	**1,787,539**	**1,858,563**	**1,658,333**	**1,715,699**	**1,759,626**	**1,867,137**	**1,415,718**	**1,912,688**	**1,608,876**	**20,536,474**	

2019 45 Day Update:

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	1,620,496	1,581,200	1,388,559										4,590,255	II-D-3.7 2
259042	19,770	19,365	12,964										52,099	II-D-3 7.2
259043	113,906	104,738	43,196										261,840	II-D-3 7.2
Grand Total	**1,754,172**	**1,705,303**	**1,444,718**	-	-	-	-	-	-	-	-	-	**4,904,194**	

Pivot Table

Include in Pivot Tables	Yes
Document Header Text	(Multiple Items)

Sum of Amount in local cur.	**Column Labels**			
Row Labels	**1**	**2**	**3**	**Grand Total**
240035	1,620,496	1,581,200	1,388,559	4,590,255
259042	19,770	19,365	12,964	52,099
259043	113,906	104,738	43,196	261,840
Grand Total	**1,754,172**	**1,705,303**	**1,444,718**	**4,904,194**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	976,028	988,924	1,001,632	960,067	983,013	942,151	987,355	956,139	1,042,829	941,859	981,364	1,024,612	11,785,973	II-D-3 7 3
259042	60,113	60,500	60,032	59,326	58,927	58,961	59,108	58,432	58,445	58,663	58,258	47,384	698,149	II-D-3.7.3
259043	34,111	34,695	35,400	35,507	15,857	39,519	33,960	35,506	31,886	44,487	33,552	40,659	415,139	II-D-3.7.3
Grand Total	**1,070,252**	**1,084,119**	**1,097,063**	**1,054,900**	**1,057,797**	**1,040,632**	**1,080,423**	**1,050,077**	**1,133,161**	**1,045,009**	**1,073,173**	**1,112,655**	**12,899,261**	

Pivot Table

Include in Pivot Tables	(All)
Document Header Text	(Multiple Items)

Sum of Amount in local cur.	**Column Labels**												
Row Labels	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Grand Total**
240035	976,028	988,924	1,001,632	960,067	983,013	942,151	987,355	956,139	1,042,829	941,859	981,364	1,024,612	11,785,973
259042	60,113	60,500	60,032	59,326	58,927	58,961	59,108	58,432	58,445	58,663	58,258	47,384	698,149
259043	34,111	34,695	35,400	35,507	15,857	39,519	33,960	35,506	31,886	44,487	33,552	40,659	415,139
Grand Total	**1,070,252**	**1,084,119**	**1,097,063**	**1,054,900**	**1,057,797**	**1,040,632**	**1,080,423**	**1,050,077**	**1,133,161**	**1,045,009**	**1,073,173**	**1,112,655**	**12,899,261**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

2019 45 Day Update:

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	699,379	1,458,441	942,819										3,100,639	II-D-3 7 3 1
259042	59,001	55,869	49,756										164,626	II-D-3.7.3 1
259043	18,022	46,390	31,994										96,406	II-D-3.7.3 1
Grand Total	**776,403**	**1,560,699**	**1,024,568**	-	-	-	-	-	-	-	-	-	**3,361,671**	

Pivot Table

Include in Pivot Tables	(All)
Document Header Text	(Multiple Items)

Sum of Amount in local cur.	**Column Labels**			
Row Labels	**1**	**2**	**3**	**Grand Total**
240035	699,379	1,458,441	942,819	3,100,639
259042	59,001	55,869	49,756	164,626
259043	18,022	46,390	31,994	96,406
Grand Total	**776,403**	**1,560,699**	**1,024,568**	**3,361,671**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3.7.4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	Total Company	January	February	March	April	May	June	July
9260	518011	Retirement (Pension - Service Cost)	20,506,284	1,794,541	364,450	1,039,407	1,033,732	1,056,676	1,161,943	1,048,329
9260	718011	Retirement (Pension - Non-Service Cost)	17,190,762	968,840	2,486,875	1,715,780	1,712,716	1,725,103	1,781,935	1,720,596
9260	518016	Retirement (Benefit Restoration Plan)	172,172	1,064	373	441	437	452	519	447
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	933,599	76,844	79,650	77,219	76,958	78,012	82,851	77,629
9260	518070	Savings Plan	17,074,611	957,075	1,325,134	2,550,513	1,236,927	1,228,121	1,293,860	1,629,763
9260	518166	Deferred Comp Plan	26,250	26,250	-	-	-	-	-	-
9260	718166	Deferred Comp Plan	29,167	29,167	-	-	-	-	-	-
9260	518020	Health and Welfare for Active Employees	36,148,406	3,571,443	3,567,734	3,577,778	3,596,143	3,580,554	917,453	3,430,459
9260	518032	Health and Welfare (Post-Retirement)	3,718,771	628,169	(288,235)	164,832	164,925	168,727	190,283	165,560
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	7,545,450	175,857	1,097,359	639,131	639,772	637,183	625,309	638,125
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	2,944,668	221,824	204,792	207,882	269,210	236,776	247,791	311,665
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			**106,290,140**	**8,451,075**	**8,838,133**	**9,972,984**	**8,730,820**	**8,711,605**	**6,301,943**	**9,022,573**

Adjustment Description

Adjustment	Description
WP II-D-3.7.4 Adj 1	Adjustment to remove amounts related to EECRF
WP II-D-3 7 4 Adj 2	Savings plan adjustment related to the Wage Adjustment
WP II-D-3.7.4 Adj 3	Adjustment to the current actuarial studies

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3 7 4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	August	September	October	November	December	Total Company	Capitalized/ Other	Total Expenses Other
9260	518011	Retirement (Pension - Service Cost)	1,012,446	960,281	1,117,617	1,308.895	8,607,966	20,506,284	(12,397,698)	8,108,586
9260	718011	Retirement (Pension - Non-Service Cost)	1,701,224	1,673,061	1,758,004	1,407,664	(1,461,038)	17,190,762	(10,406,076)	6,784,686
9260	518016	Retirement (Benefit Restoration Plan)	424	391	491	811	166,323	172,172	(6,325)	165,847
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	75,980	73,582	80,813	75,680	78,382	933,599	(270,304)	663,295
9260	518070	Savings Plan	1,279,679	1,277,447	1,274,391	1,295,350	1,726,352	17,074,611	(7,589,650)	9,484,961
9260	518166	Deferred Comp Plan	-	-	-	-	-	26,250	-	26,250
9260	718166	Deferred Comp Plan	-	-	-	-	-	29,167	-	29,167
9260	518020	Health and Welfare for Active Employees	3,435,894	1,578,654	3,470,526	3,455,341	1,966,427	36,148,406	(18,426,222)	17,722,184
9260	518032	Health and Welfare (Post-Retirement)	158,179	146,555	183,320	167,939	1,868,518	3,718,771	(1,526,698)	2,192,074
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	642,173	648,057	630,309	633,990	538,185	7,545,450	1,124,651	8,670,101
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	241,997	272,612	232,135	168,358	329,625	2,944,668	(742,177)	2,202,491
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			**8,547,994**	**6,630,639**	**8,747,607**	**8,514,027**	**13,820,740**	**106,290,140**	**(50,240,499)**	**56,049,641**

Adjustment Description

Adjustment	Description
WP II-D-3.7.4 Adj 1	Adjustment to remove amounts related to EECRF
WP II-D-3.7.4 Adj 2	Savings plan adjustment related to the Wage Adjustment
WP II-D-3.7 4 Adj 3	Adjustment to the current actuarial studies

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3 7 4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	Adjustments and Known Changes: WP II-D-3.7.4 Adj 1 EECRF	WP II-D-3.7.4 Adj 2 Wage Adjustment	WP II-D-3.7.4 Adj 3 Benefit Adjustment	Total Known Changes	Total Adjusted Expenses
9260	518011	Retirement (Pension - Service Cost)	(77,236)		(1,166,623)	(1,243,860)	6,864,727
9260	718011	Retirement (Pension - Non-Service Cost)	(127,157)		4,644,150	4,516,992	11,301,679
9260	518016	Retirement (Benefit Restoration Plan)	(77)		(158,900)	(158,977)	6,870
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	(3,303)		(366,424)	(369,727)	293,568
9260	518070	Savings Plan	(92,742)	153,455	-	60,713	9,545,674
9260	518166	Deferred Comp Plan	-		-	-	26,250
9260	718166	Deferred Comp Plan	-		-	-	29,167
9260	518020	Health and Welfare for Active Employees	(225,160)		-	(225,160)	17,497,024
9260	518032	Health and Welfare (Post-Retirement)	(18,656)		(515,324)	(533,980)	1,658,094
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	13,743		(9,905,288)	(9,891,545)	(1,221,444)
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	(9,069)		(1,387,369)	(1,396,438)	806,052
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			**(539,658)**	**153,455**	**(8,855,779)**	**(9,241,982)**	**46,307,660**

Adjustment Description

Adjustment	Description
WP II-D-3.7 4 Adj 1	Adjustment to remove amounts related to EECRF
WP II-D-3.7.4 Adj 2	Savings plan adjustment related to the Wage Adjustment
WP II-D-3.7.4 Adj 3	Adjustment to the current actuarial studies

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3.7 4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	Total Company	January	February	March	April	May	June	July	August

2019 45 Day Update:

FERC Account	Natural Account	Description of Benefits	Total Company	January	February	March	April	May	June	July	August
9260	518011	Retirement (Pension - Service Cost)	3,830,819	1,273,891	1,271,531	1,285,397					
9260	718011	Retirement (Pension - Non-Service Cost)	6,282,448	2,089,131	2,085,244	2,108,073					
9260	518016	Retirement (Benefit Restoration Plan)	3,066	1,019	1,017	1,031					
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	216,536	72,048	71,947	72,540					
9260	518070	Savings Plan	4,786,669	983,276	1,293,747	2,509,646					
9260	518166	Deferred Comp Plan									
9260	718166	Deferred Comp Plan									
9260	518020	Health and Welfare for Active Employees	11,343,335	3,636,738	4,041,994	3,664,603					
9260	518032	Health and Welfare (Post-Retirement)	532,499	173,654	175,735	183,110					
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	1,788,513	596,713	597,133	594,666					
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	579,091	196,856	210,301	171,935					
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			**29,362,977**	**9,023,327**	**9,748,649**	**10,591,001**	-	-	-	-	-

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3.7.4 - ADJUSTMENTS AND KNOWN CHANGES

										Adj
FERC Account	Natural Account	Description of Benefits	September	October	November	December	Total Company	Capitalized/ Other	Total Expenses Other	WP II-D-3.7.4 Adj 1 EECRF

2019 45 Day Update:

FERC Account	Natural Account	Description of Benefits	September	October	November	December	Total Company	Capitalized/ Other	Total Expenses Other	
9260	518011	Retirement (Pension - Service Cost)					3,830,819	(1,929,083)	1,901,735	
9260	718011	Retirement (Pension - Non-Service Cost)					6,282,448	(3,175,928)	3,106,520	
9260	518016	Retirement (Benefit Restoration Plan)					3,066	(1,930)	1,136	
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)					216,536	(82,497)	134,039	
9260	518070	Savings Plan					4,786,669	(2,316,357)	2,470,313	
9260	518166	Deferred Comp Plan					-		-	
9260	718166	Deferred Comp Plan					-		-	
9260	518020	Health and Welfare for Active Employees					11,343,335	(5,623,672)	5,719,663	
9260	518032	Health and Welfare (Post-Retirement)					532,499	(465,947)	66,552	
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)					1,788,513	343,243	2,131,756	
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)					579,091	(226,512)	352,579	
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			**-**	**-**	**-**	**-**	**29,362,977**	**(13,478,684)**	**15,884,293**	**-**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-B-3.7.4 - ADJUSTMENTS AND KNOWN CHANGES

			ustments and Known Changes			
FERC Account	Natural Account	Description of Benefits	WP II-D-3.7 4 Adj 2 Wage Adjustment	WP II-D-3.7 4 Adj 3 Benefit Adjustment	Total Known Changes	Total Adjusted Expenses

2019 45 Day Update:

FERC Account	Natural Account	Description of Benefits			Total Known Changes	Total Adjusted Expenses
9260	518011	Retirement (Pension - Service Cost)			-	1,901,735
9260	718011	Retirement (Pension - Non-Service Cost)			-	3,106,520
9260	518016	Retirement (Benefit Restoration Plan)			-	1,136
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)			-	134,039
9260	518070	Savings Plan			-	2,470,313
9260	518166	Deferred Comp Plan			-	-
9260	718166	Deferred Comp Plan			-	-
9260	518020	Health and Welfare for Active Employees			-	5,719,663
9260	518032	Health and Welfare (Post-Retirement)			-	66,552
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)			-	2,131,756
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)			-	352,579
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			-	-	-	15,884,293

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Annual Net Periodic Pension Cost, 2019 (000s)*
Source Actuarial Report

Annual Net Per

Discount Rate: 4.35%
Long-Term Rate: 6.00%

			Total Pension Cost	Pension Cost Excluding Service Cost							
Division		**Cost Center**	**Service Cost**		**Interest Cost**	**Expected Return on Assets**	**Prior Service Cost Amort**	**Net Loss (Gain) Amort**	**Total Non-Service Cost**	**Total Pension Cost**	**Amount to Recycle From AOCI**	**Division**
003A	CE Houston Electric	101452	$ 14,989		$ 41,165	$ (45,834)	$ 4,007	$ 25,339	$ 24,677	$ 39,666	$ 29,346	003A
JE1175			518011						718011			
003A	CE Houston Electric	101452	$ 720	WP II D-3 7 4					$ (16,196) WP II D-3 7 4			

Nonqualified Retirement Benefits

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

iodic Pension Cost, 2018 (000s)*

Discount Rate. 3.65%
Long-Term Rate 6 00%

Net Periodic Pension Cost

	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Amortization of Unrecognized Prior Service Cost	Net Loss (Gain)	Transition (Asset)	Pension Cost (Income)	Amount to Recycle From AOCI	Non-Service Cost
CE Houston El	101452	$ 15,709	$ 38,058	$ (54,002)	$ 4,007	$ 20,418	$ 0	$ 24,190	$ 24,425	$ 8,481

Nonqualified Retirement Benefits

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

* Annual Net Periodic Pension Cost (000s), 2019

Discount Rate: 4.35%

			Net Periodic Pension Cost		Pension Cost Excluding Service Cost					
Division		**Cost Center**	**Service Cost**	**Interest Cost**	**Expected Return on Assets**	**Prior Service Cost Amort.**	**Net Loss (Gain) Amort.**	**Total Non-Service Cost**	**Total Pension Cost/(Income)**	**Amount to Recycle From AOCI**
003A	CE Houston Electric	101452	$ 15	$ 396	$ 0	$ 0	$ 245	$ 641	$ 656	$ (245)

JE1177

			518016					718016		
003A	CE Houston Electric	101452	$ (5) WP II D-3 7.4					$ 81 WP II D-3.7.4		

Accounting Requirements—DCP

Accounting Re

* Annual Net Periodic Pension Cost (000s), 2018

Discount Rate: 3.65%

Net Periodic Pension Cost

Division		Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Amortization of Unrecognized Prior Service Cost	Amortization of Unrecognized Net Loss (Gain)	Transition Obligation	Pension Cost (Income)	Amount to Recycle From AOCI	Non-Service Cost
003A	CE Houston El	101452	$ 10	$ 368	$ 0	$ 0	$ 354	$ 0	$ 732	$ (354)	$ 722

quirements—DCP

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Annual Net Periodic Benefit Cost 2019 (000s) — **Discount Rate 4 00%** — Annual Net Pe

			Total Postretirement Benefit Cost	**Postretirement Benefit Cost Excluding Service Cost**						
Division		**Cost Center**	**Service Cost**	**Interest Cost**	**Expected Return on Assets**	**Prior Service Cost Amort**	**Net Loss (Gain) Amort**	**Total Non-Service Cost**	**Net Periodic Benefit Cost**	**Division**
003A	CE Houston Electric	101451	$ 338	$ 366	$ 0	$ 0	$ 0	$ 366	$ 704	003A

JE1156

			518166	718166
003A	CE Houston Electric	101451	$ (23) WP II D-3 7 4	$ (16) WP II D-3 7 4

Accounting Requirements—Postretirement Medical and Life Plan — Accounting Re

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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

ıodıc Benefit Cost, 2018 (000s)

Discount Rate: 3 30%

Net Periodic Benefit Cost

	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Amortization of Prior Service Cost	Net Loss (Gain)	Benefit Cost (Income)	Amount to Recycle From AOCI	Non-Service Cost
CE Houston El	101451	$ 315	$ 346	$ 0	$ 0	$ 4	$ 665	$ 4	$ 350

quirements—Postretirement Medical and Life Plan

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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

2019 ASC 715 Postretirement Benefit Cost (000s)

Assets: 12/31/2018
Discount Rate. 0 0435
Long-Term Ra 0 046

2018 ASC 715

Division		Cost Center	Total Postretirement Benefit Cost Service Cost	Postretirement Benefit Cost Excluding Service Cost Interest Cost	Expected Return on Assets	Prior Service Cost Amort	Net Loss (Gain) Amort	Total Non-Service Cost	Total Cost (Income)	Division
003A	CE Houston Electric	101452	480	7057	-4241	-5483	0	-2667	-2187	003A

JE1178

			518032	718032
003A	CE Houston Electric	101452	$ (91) WP II D-3.7 4	$ 895 WP II D-3 7.4

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Postretirement Benefit Cost (000s)

Assets	12/31/2017
Discount Rate	0.036
Long-Term Rat	0.0455

					Amortization of Unrecognized				
	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Prior Service Cost	Net Loss (Gain)	Transition (Asset)	Annual Cost (Income)	Non-Service Cost
CE Houston Electric	101452	389	7884	-4378	-5483	205	0	-1383	-1772

Source: Account Reconciliation 4Q 2018

Schedule A 240035

	Period	0003	
Beginning Balance 1.1.2018		(4,456,284)	II D-3 7.5
Benefit Accruals	2018-01	(1,818,917)	
Benefit Accruals	2018-02	(1,818,917)	
Benefit Accruals	2018-03	(1,818,917)	
Benefit Accruals	2018-04	(1,818,917)	
Benefit Accruals	2018-05	(1,818,917)	
Benefit Accruals	2018-06	(1,818,917)	
Benefit Accruals	2018-07	(1,689,751)	
Benefit Accruals	2018-08	(1,689,751)	
Benefit Accruals	2018-09	(1,689,751)	
Benefit Accruals	2018-10	(1,689,751)	
Benefit Accruals	2018-11	(1,689,751)	
Benefit Accruals	2018-12	(1,689,751)	
Subtotal		(21,052,009)	II D-3 7.5
IBNR Accrual Adjustment	2018-06	2,655,099	
IBNR Accrual Adjustment	2018-09	1,848,529	
IBNR Accrual Adjustment	2018-12	1,482,079	
Subtotal		5,985,707	II D-3.7.5
Benefit Payments	2018-01	1,726,358	
Benefit Payments	2018-02	1,468,682	
Benefit Payments	2018-03	736,103	
Benefit Payments	2018-04	1,666,124	
Benefit Payments	2018-05	1,429,373	
Benefit Payments	2018-06	927,689	
Benefit Payments	2018-07	1,451,640	
Benefit Payments	2018-08	968,324	
Benefit Payments	2018-09	1,696,976	
Benefit Payments	2018-10	1,002,911	
Benefit Payments	2018-11	1,153,696	
Benefit Payments	2018-12	1,283,993	
Subtotal		15,511,868	
Ending Balance		(4,010,718)	II D-3.7.5

Schedule B 259042

Transaction	Year/month	0003	
Beg. Balance	2017/12	(131,599,000)	II D-3.7.5
Beg. Balance Total		(131,599,000)	
Benefit payments	2018/01	89,847	
	2018/02	85,117	
	2018/03	83,789	
	2018/04	(3,138)	
	2018/05	84,492	
	2018/06	80,405	
	2018/07	79,545	
	2018/08	77,775	
	2018/09	81,390	
	2018/10	76,614	
	2018/11	87,888	
	2018/12	64,587	
Benefit payments Total		888,310	
Expense Accruals	2018/01	(324,583)	
	2018/02	(324,583)	
	2018/03	(324,583)	
	2018/04	(324,583)	
	2018/05	(324,583)	
	2018/06	(324,583)	
	2018/07	(324,583)	
	2018/08	(324,583)	
	2018/09	(324,583)	
	2018/10	(324,583)	
	2018/11	(324,583)	
	2018/12	(324,583)	
Expense Accruals Total		(3,894,996)	II D-3 7.5
FAS 158 Adjustments	2018/12	49,475,296.20	
FAS 158 Adjustments Total		49,475,296.20	
Retiree Contrib	2018/01	(24,164)	
	2018/02	(26,929)	
	2018/03	(26,216)	
	2018/04	(29,276)	
	2018/05	(29,485)	
	2018/06	(29,267)	
	2018/07	(30,508)	
	2018/08	(29,855)	
	2018/09	(28,805)	
	2018/10	(29,375)	II D-3 7.5
	2018/11	(29,117)	
	2018/12	(26,815)	
Retiree Contrib Total		(339,811)	
VEBA contributions	2018/01	734,382	
	2018/02	734,382	
	2018/03	734,382	
	2018/04	734,382	
	2018/05	734,382	
	2018/06	734,382	
	2018/07	734,382	
	2018/08	734,382	
	2018/09	734,382	
	2018/10	734,382	II D-3 7.5
	2018/11	0	
	2018/12	734,382	II D-3.7.5
VEBA contributions Total		8,078,201	
Grand Total		(77,392,000)	

Schedule C 259043

Sum of Amount in doc. curr.			
Group	Year/month	0003	
Beg Balance	2017/12	(2,884,001)	II D-3 7.5
Beg Balance Total		(2,884,001)	
Benefit Payments	2018/01	127,160	
	2018/02	92,401	
	2018/03	102,047	
	2018/04	219,948	
	2018/05	152,043	
	2018/06	145,975	
	2018/07	293,881	
	2018/08	174,513	
	2018/09	257,333	
	2018/10	129,627	
	2018/11	179,955	
	2018/12	130,433	
Benefit Payments Total		2,005,315	II D-3.7.5
Accruals New Entrants	2018/01	(31,917)	
	2018/02	(31,917)	
	2018/03	(31,917)	
	2018/04	(31,917)	
	2018/05	(31,917)	
	2018/06	(31,917)	
	2018/07	(31,917)	
	2018/08	(31,917)	
	2018/09	(31,917)	
	2018/10	(31,917)	
	2018/11	118,417	
	2018/12	(39,250)	
Accruals New Entrants Total (1)		(240,003)	II D-3 7.5
Accruals PAYG	2018/01	(127,160)	
	2018/02	(92,401)	
	2018/03	(102,047)	
	2018/04	(219,948)	
	2018/05	(152,043)	
	2018/06	(145,975)	
	2018/07	(293,881)	
	2018/08	(174,513)	
	2018/09	(257,333)	
	2018/10	(129,627)	
	2018/11	(179,955)	
	2018/12	(130,433)	
Accruals PAYG Total (1)		(2,005,315)	II D-3 7.5
Grand Total		(3,124,004)	II D-3 7.5

(1) 2,245,318

(Rounded to Thousands of Dollars)

Schedule A 240035

	Period	0003	
Beginning Balance 1.1.2018		(4,456.28)	II D-3.7.5
Benefit Accruals	2018-01	(1,819)	
Benefit Accruals	2018-02	(1,819)	
Benefit Accruals	2018-03	(1,819)	
Benefit Accruals	2018-04	(1,819)	
Benefit Accruals	2018-05	(1,819)	
Benefit Accruals	2018-06	(1,819)	
Benefit Accruals	2018-07	(1,690)	
Benefit Accruals	2018-08	(1,690)	
Benefit Accruals	2018-09	(1,690)	
Benefit Accruals	2018-10	(1,690)	
Benefit Accruals	2018-11	(1,690)	
Benefit Accruals	2018-12	(1,690)	
Subtotal		(21,052)	II D-3.7.5
IBNR Accrual Adjustment	2018-06	2,655	
IBNR Accrual Adjustment	2018-09	1,849	
IBNR Accrual Adjustment	2018-12	1,482	
Subtotal		5,986	II D-3 7.5
Benefit Payments	2018-01	1,726	
Benefit Payments	2018-02	1,469	
Benefit Payments	2018-03	736	
Benefit Payments	2018-04	1,666	
Benefit Payments	2018-05	1,429	
Benefit Payments	2018-06	928	
Benefit Payments	2018-07	1,452	
Benefit Payments	2018-08	968	
Benefit Payments	2018-09	1,697	
Benefit Payments	2018-10	1,003	
Benefit Payments	2018-11	1,154	
Benefit Payments	2018-12	1,284	
Subtotal		15,512	
Ending Balance		(4,011)	II D-3 7 5

Schedule B 259042

Transaction	Year/month	0003	
Beg. Balance	2017/12	(131,599)	II D-3.7 5
Beg. Balance Total		(131,599)	
Benefit payments	2018/01	90	
	2018/02	85	
	2018/03	84	
	2018/04	(3)	
	2018/05	84	
	2018/06	80	
	2018/07	80	
	2018/08	78	
	2018/09	81	
	2018/10	77	
	2018/11	88	
	2018/12	65	
Benefit payments Total		[illegible]	
Expense Accruals	2018/01	(325)	
	2018/02	(325)	
	2018/03	(325)	
	2018/04	(325)	
	2018/05	(325)	
	2018/06	(325)	
	2018/07	(325)	
	2018/08	(325)	
	2018/09	(325)	
	2018/10	(325)	
	2018/11	(325)	
	2018/12	(325)	
Expense Accruals Total		(3,895)	II D-3 7 5
FAS 158 Adjustments	2018/12	49,475 30	
FAS 158 Adjustments Total		49,475.30	
Retiree Contrib	2018/01	(24)	
	2018/02	(27)	
	2018/03	(26)	
	2018/04	(29)	
	2018/05	(29)	
	2018/06	(29)	
	2018/07	(31)	
	2018/08	(30)	
	2018/09	(29)	
	2018/10	(29)	II D-3.7.5
	2018/11	(29)	
	2018/12	(27)	
Retiree Contrib Total		(340)	
VEBA contributions	2018/01	734	
	2018/02	734	
	2018/03	734	
	2018/04	734	
	2018/05	734	
	2018/06	734	
	2018/07	734	
	2018/08	734	
	2018/09	734	
	2018/10	734	II D-3.7.5
	2018/11	0	
	2018/12	734	II D-3.7.5
VEBA contributions Total		8,078	
Grand Total		(77,392)	

Schedule C 259043

Sum of Amount in doc. curr.

Group	Year/month	0003	
Beg Balance	2017/12	(2,884)	II D-3 7 5
Beg Balance Total		(2,884)	
Benefit Payments	2018/01	127	
	2018/02	92	
	2018/03	102	
	2018/04	220	
	2018/05	152	
	2018/06	146	
	2018/07	294	
	2018/08	175	
	2018/09	257	
	2018/10	130	
	2018/11	180	
	2018/12	130	
Benefit Payments Total		2,005	II D-3 7 5
Accruals New Entrants	2018/01	(32)	
	2018/02	(32)	
	2018/03	(32)	
	2018/04	(32)	
	2018/05	(32)	
	2018/06	(32)	
	2018/07	(32)	
	2018/08	(32)	
	2018/09	(32)	
	2018/10	(32)	
	2018/11	118	
	2018/12	(39)	
Accruals New Entrants Total (1)		(240)	II D-3 7.5
Accruals PAYG	2018/01	(127)	
	2018/02	(92)	
	2018/03	(102)	
	2018/04	(220)	
	2018/05	(152)	
	2018/06	(146)	
	2018/07	(294)	
	2018/08	(175)	
	2018/09	(257)	
	2018/10	(130)	
	2018/11	(180)	
	2018/12	(130)	
Accruals PAYG Total (1)		(2,005)	II D-3 7.5
Grand Total		(3,124)	II D-3.7 5

(1) 2,245,318

Schedule A 240035

	Period	0003	
Beginning Balance 1.1.2019		(4,010,718)	II D-3 7.5
Benefit Accruals	2019-01	(1,795,250)	
Benefit Accruals	2019-02	(1,795,250)	
Benefit Accruals	2019-03	(1,795,250)	
Subtotal		(5,385,750)	II D-3.7.5
Subtotal		-	II D-3.7.5
Benefit Payments	2019-01	1,360,725	
Benefit Payments	2019-02	1,757,283	
Benefit Payments	2019-03	1,051,896	
Subtotal		4,169,903	
Ending Balance		(5,226,564)	II D-3 7 5

Schedule B 259042

Transaction	Year/month	0003	
Beg. Balance	2018/12	(77,392,000)	II D-3 7 5
Beg. Balance Total		(131,599,000)	
Benefit payments	2019/01	81,153	
	2019/02	79,074	
	2019/03	65,909	
Benefit payments Total		226,136	
Expense Accruals	2019/01	(274,667)	
	2019/02	(274,667)	
	2019/03	(274,667)	
Expense Accruals Total		(824,001)	II D-3 7 5
FAS 158 Adjustments			
FAS 158 Adjustments Total		0.00	II D-3.7 5
Retiree Contrib	2019/01	(32,326)	
	2019/02	(32,004)	
	2019/03	(31,530)	
Retiree Contrib Total		(95,860)	II D-3 7.5

Schedule C 259043

Sum of Amount in doc. curr			
Group	Year/month	0003	
Beg Balance	2018/12	(3,124,004)	II D-3.7 5
Beg Balance Total		(2,884,001)	
Benefit Payments	2019/01	118,867	
	2019/02	145,939	
	2019/03	68,456	
Benefit Payments Total		333,262	II D-3 7.5
Accruals New Entrants	2019/01	667	
	2019/02	667	
	2019/03	667	
Accruals New Entrants Total (1)		2,001	II D-3 7 5
Accruals PAYG	2019/01	(118,867)	
	2019/02	(145,939)	
	2019/03	(68,456)	
Accruals PAYG Total (1)		(333,262)	II D-3 7.5
Grand Total		(3,122,003)	II D-3 7 5

(1) 331,261

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

VEBA contributions	2019/01	1,468,764	
	2019/02	734 382	
	2019/03	734,382	
VEBA contributions Total		2,937,528	II D-3.7.5
Grand Total		(75,148,197)	II D-3 7 5

(Rounded to Thousands of Dollars)

Schedule A 240035

	Period	0003	
Beginning Balance 1 1.2018		(4,010.72)	II D-3.7.5
Benefit Accruals	2018-01	(1,795)	
Benefit Accruals	2018-02	(1,795)	
Benefit Accruals	2018-03	(1,795)	
Benefit Accruals	2018-04	-	
Benefit Accruals	2018-05	-	
Benefit Accruals	2018-06	-	
Benefit Accruals	2018-07	-	
Benefit Accruals	2018-08	-	
Benefit Accruals	2018-09	-	
Benefit Accruals	2018-10	-	
Benefit Accruals	2018-11	-	
Benefit Accruals	2018-12	-	
Subtotal		(5,386)	II D-3 7 5
IBNR Accrual Adjustment	2018-06	-	
IBNR Accrual Adjustment	2018-09	-	
IBNR Accrual Adjustment	2018-12	-	
Subtotal		-	II D-3 7 5
Benefit Payments	2018-01	1,361	
Benefit Payments	2018-02	1,757	
Benefit Payments	2018-03	1,052	
Benefit Payments	2018-04	-	
Benefit Payments	2018-05	-	
Benefit Payments	2018-06	-	
Benefit Payments	2018-07	-	
Benefit Payments	2018-08	-	
Benefit Payments	2018-09	-	
Benefit Payments	2018-10	-	
Benefit Payments	2018-11	-	
Benefit Payments	2018-12	-	
Subtotal		4,170	
Ending Balance		(5,227)	II D-3.7 5

Schedule B 259042

Transaction	Year/month	0003	
Beg. Balance	2017/12	(77,392)	II D-3.7.5
Beg. Balance Total		(131,599)	
Benefit payments	2018/01	81	
	2018/02	79	
	2018/03	66	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	
	2018/11	0	
	2018/12	0	
Benefit payments Total		226	
Expense Accruals	2018/01	(275)	
	2018/02	(275)	
	2018/03	(275)	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	
	2018/11	0	
	2018/12	0	
Expense Accruals Total		(824)	II D-3 7.5
FAS 158 Adjustments	2018/12	0 00	
FAS 158 Adjustments Total		0 00	
Retiree Contrib	2018/01	(32)	
	2018/02	(32)	
	2018/03	(32)	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	II D-3 7.5

Schedule C 259043

Sum of Amount in doc. curr			
Group	Year/month	0003	
Beg Balance	2017/12	(3,124)	II D-3 7 5
Beg Balance Total		(2,[illegible]4)	
Benefit Payments	2018/01	119	
	2018/02	146	
	2018/03	68	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	
	2018/11	0	
	2018/12	0	
Benefit Payments Total		333	II D-3.7 5
Accruals New Entrants	2018/01	1	
	2018/02	1	
	2018/03	1	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	
	2018/11	0	
	2018/12	0	
Accruals New Entrants Total (1)		2	II D-3 7 5
Accruals PAYG	2018/01	(119)	
	2018/02	(146)	
	2018/03	(68)	
	2018/04	0	(1) 2,245,318
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	
	2018/11	0	
	2018/12	0	

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

	2018/11	0	
	2018/12	0	
Retiree Contrib Total		**(96)**	
VEBA contributions	2018/01	1,469	
	2018/02	734	
	2018/03	734	
	2018/04	0	
	2018/05	0	
	2018/06	0	
	2018/07	0	
	2018/08	0	
	2018/09	0	
	2018/10	0	II D-3 7.5
	2018/11	0	
	2018/12	0	II D-3.7.5
VEBA contributions Total		**2,938**	
Grand Total		**(75,148)**	

Accruals PAYG Total (1)	(333)	II D-3 7 5
Grand Total	(3,122)	II D-3 7 5

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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total
240035	(1,004,011)	(1,364,623)	(1,649,108)	(1,076,132)	(1,357,315)	(1,639,464)	(1,069,110)	(1,632,002)	(1,068,142)	(1,356,833)	(1,624,944)	(1,342,390)	(16,184,073)
259042	710,218	707,453	708,166	705,106	704,897	705,115	703,874	704,527	705,577	705,007	(29,117)	707,567	7,738,390
259043	(16,229)	(15,521)	(12,179)	(14,461)	(14,415)	(18,245)	(14,894)	(15,319)	(13,596)	(19,407)	(17,052)	(16,040)	(187,358)
Grand Total	**(310,022)**	**(672,691)**	**(953,120)**	**(385,486)**	**(666,833)**	**(952,593)**	**(380,131)**	**(942,794)**	**(376,162)**	**(671,233)**	**(1,671,114)**	**(650,862)**	**(8,633,042)**

Pivot Table

Include in Pivot Tables	No
Document Header Text	(Multiple Items)

Sum of Amount in local cur.	**Column Labels**												
Row Labels	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Grand Total**
240035	-1,004,011	-1,364,623	-1,649,108	-1,076,132	-1,357,315	-1,639,464	-1,069,110	-1,632,002	-1,068,142	-1,356,833	-1,624,944	-1,342,390	-16,184,073
259042	710,218	707,453	708,166	705,106	704,897	705,115	703,874	704,527	705,577	705,007	-29,117	707,567	7,738,390
259043	-16,229	-15,521	-12,179	-14,461	-14,415	-18,245	-14,894	-15,319	-13,596	-19,407	-17,052	-16,040	-187,358
Grand Total	**-310,022**	**-672,691**	**-953,120**	**-385,486**	**-666,833**	**-952,593**	**-380,131**	**-942,794**	**-376,162**	**-671,233**	**-1,671,114**	**-650,862**	**-8,633,042**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

2019 45 Day Update:

Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total
240035	-1,039,703	-1,413,999	-1,394,018										(3,847,720)
259042	1,436,438	702,378	702,852										2,841,668
259043	-15,612	-15,238	-15,223										(46,073)
Grand Total	**381,124**	**(726,859)**	**(706,388)**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(1,052,124)**

Include in Pivot Tables	No
Document Header Text	(Multiple Items)

Sum of Amount in local cur.	**Column Labels**			
Row Labels	**1**	**2**	**3**	**Grand Total**
240035	-1,039,703	-1,413,999	-1,394,018	-3,847,720
259042	1,436,438	702,378	702,852	2,841,668
259043	-15,612	-15,238	-15,223	-46,073
Grand Total	**381,124**	**-726,859**	**-706,388**	**-1,052,124**

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2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Natural Account	Document Header	Reference	Total		
257064	Postretirement Accrual	II-D-3.7.5 Schedule B	5,277,996		
518020	FMCP / NECA	II-D-3.7.5 Schedule A	21,082,104		
518032	FMCP / NECA	II-D-3.7.5 Schedule B	2,958,124		
518032	PURA Deferral	II-D-3 7.5 Schedule B	371,644	1	
518090	PURA Deferral	II-D-3.7.5 Schedule C	699,349		9,689,098
718032	PURA Deferral	II-D-3 7.5 Schedule B	9,317,454	1	
257064	FAS 158 - Acturial Remeasurement	II-D-3.7.5 Schedule B	(49,475,296)		
Grand Total			(9,768,625)		

Rounded to Thousands of Dollars				
Natural Account	Document Header	Total		
257064	Postretirement Accrual	5,278		
518020	FMCP / NECA	21,082		
518032	FMCP / NECA	2,958		
518032	PURA Deferral	372	1	
518090	PURA Deferral	699		9,689
718032	PURA Deferral	9,317	1	
257064	FAS 158 - Acturial Remeasu	(49,475)		
Grand Total		(9,769)		

Pivot Table

Include in Pivot Tables Yes

Row Labels	Document Header Text	Sum of Amount in local cur.
518020	DC FSA PY17 Forfeiture	(7,478)
	FMCP ER Retiree	(2,958,124)
	HC FSA PY2017 Forfeiture	(2 825)
	NECA ER Premiums	24,050,531
518020 Total		21,082,104
518032	FMCP ER Retiree	2,958,124
	Pension 2018 YTD Oct True	94,310
	Pension 2018 YTD True-up	(1,043)
	Pension PURA 2011 Final T	359,836
	Pension PURA 2012 Final T	454,972
	Pension PURA 2013 Final T	371,390
	Pension PURA 2014 Final T	236,841
	Pension PURA 2015 Final T	162,799
	Pension PURA 2016 Final T	(18,770)
	Pension PURA 2017 Final T	23,354
	Pension PURA 36 065 2017	1,988
	Pension PURA 36.065 2018	(1,314,036)
518032 Total		3,329,767
518090	Pension 2018 YTD Oct True	22,851
	Pension 2018 YTD True-up	(5,088)
	Pension PURA 2011 Final T	135,029
	Pension PURA 2012 Final T	117,105
	Pension PURA 2013 Final T	58,526
	Pension PURA 2014 Final T	32,112
	Pension PURA 2015 Final T	(59 777)
	Pension PURA 2016 Final T	(25,919)
	Pension PURA 2017 Final T	(178,989)
	Pension PURA 36 065 2017	(1,728)
	Pension PURA 36,065 2018	605,227
518090 Total		699,349
718032	Pension 2018 YTD Oct True	(87 600)
	Pension 2018 YTD True-up	554
	Pension PURA 36.065 2018	9,404,500
718032 Total		9,317,454
Grand Total		34,428,674

Include in Pivot Tables Yes

Row Labels	Document Header Text	Sum of Amount in local cur.
257064	FAS 158 and Reg Asset	-49,475,296
	Postretirement Accrual	5,277,996
257064 Total		-44,197,300
Grand Total		-44,197,300

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

2019 45 Day Update:

Natural Account	Document Header	Reference	Total
257064	Postretirement Accrual	II-D-3 7 5 Schedule B	1,370,751
518020	FMCP / NECA	II-D-3.7 5 Schedule A	5,957,585
518032	FMCP / NECA	II-D-3.7.5 Schedule B	778,096
518032	PURA Deferral	II-D-3.7 5 Schedule B	(365,597) 1
518090	PURA Deferral	II-D-3.7 5 Schedule C	247,830
718032	PURA Deferral	II-D-3.7 5 Schedule B	2,455,263 1
257064	FAS 158 - Acturial Remeasurement	II-D-3.7 5 Schedule B	-
Grand Total			10,443,928

2,089,666

Rounded to Thousands of Dollars		
Natural Account	**Document Header**	**Total**
257064	Postretirement Accrual	1,371
518020	FMCP / NECA	5,958
518032	FMCP / NECA	778
518032	PURA Deferral	(366) 1
518090	PURA Deferral	248
718032	PURA Deferral	2,455 1
257064	FAS 158 - Acturial Remeasu	-
Grand Total		10,444

Pivot Table

Include in Pivot Tables Yes

Row Labels	Document Header Text	Sum of Amount in local cur.
518020	FMCP ER Retiree	(778,096)
	NECA ER Premiums	6,325,985
	Severance	409,696
518020 Total		5,957,585
518032	FMCP ER Retiree	778,096
	Pension PURA 2019	(365,597)
518032 Total		412,499
518090	Pension PURA 2019	247,830
518090 Total		247,830
718032	Pension PURA 2019	2,455,263
718032 Total		2,455,263
Grand Total		9,073,177

Include in Pivot Tables Yes

Row Labels	Document Header Text	Sum of Amount in local cur.
257064	Postretirement Accrual	1,370,751
257064 Total		1,370,751
Grand Total		1,370,751

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Question 3: Provide the pension cost, pension expense, and pension funding payments for each pension plan by FERC account.

Year(a)	Description (b)	Regulated T&D Electric(c)
2019		
	Benefit Restoration Plan	
	Pension Cost *	732
	Pension Expense	544
	Pension Funding Payments *	860
	CenterPoint Energy Retirement Plan	
	Pension Cost *	24,190
	Pension Expense	20,255
	Pension Funding Payments *	26,855
	Total Plans	
	Pension Cost *	24,922
	Pension Expense	20,800
	Pension Funding Payments *	27,715
	Benefit Expense - Account 926	20,800
	Non-Operating Deductions - Account 426	
	Capitalized - Accounts 107, 108	13,595
	Purchasing & Stores - Account 163	
	Deferred Pension Regulatory Asset - Account 182	(9,473)
	Other	
	Total Recoverable Pension Cost	24,922
	Total Pension Funding Payments - Account 253	27,715
2018		
	Benefit Restoration Plan	
	Pension Cost *	615
	Pension Expense	544
	Pension Funding Payments *	860
	CenterPoint Energy Retirement Plan	
	Pension Cost *	41,372
	Pension Expense	20,255
	Pension Funding Payments *	17,712
	Total Plans	
	Pension Cost*	41,987
	Pension Expense	20,800
	Pension Funding Payments*	18,572
	Benefit Expense - Account 926	20,800
	Non-Operating Deductions - Account 426	
	Capitalized - Accounts 107, 108	23,627
	Purchasing & Stores - Account 163	
	Deferred Pension Regulatory Asset - Account 182	(2,440)
	Other	
	Total Recoverable Pension Cost	41,987
	Total Pension Funding Payments - Account 253	18,572

* Amounts from the applicable actuarial study

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

Question 3: Provide the OPEB cost, OPEB expense, and OPEB funding payments for each OPEB plan by FERC account

Year (a)	Description (b)	Regulated T&D Electric(c)	
2019			
	Retiree Welfare Plan		
	OPEB Cost*	1,575	See WP II-B-14.1
	OPEB Expense	8,813	
	OPEB Funding Payments*	8,626	
	Post Employment Plan		
	OPEB Cost*	2,245	
	OPEB Expense	1,643	
	OPEB Funding Payments*	2,005	
	Total Plans		
	OPEB Cost*	3,820	
	OPEB Expense	10,456	
	OPEB Funding Payments*	10,631	
	Benefit Expense - Account 926	**10,456**	
	Non-Operating Deductions - Account 426		
	Capitalized - Accounts 107, 108	2,084	
	Purchasing & Stores - Account 163		
	Deferred OPEB Regulatory Asset - Account 182	(8,720)	
	Other		
	Total Recoverable OPEB Cost	**3,820**	
	Total OPEB Funding Payments - Account 253	**10,631**	
2018			
	Retiree Welfare Plan		
	OPEB Cost*	2,360	See WP II-B-14 1
	OPEB Expense	8,813	
	OPEB Funding Payments*	9,522	
	Post Employment Plan		
	OPEB Cost*	(1,818)	
	OPEB Expense	1,643	
	OPEB Funding Payments*	1,770	
	Total Plans		
	OPEB Cost*	542	
	OPEB Expense	10,456	
	OPEB Funding Payments*	11,292	
	Benefit Expense - Account 926	**10,456**	
	Non-Operating Deductions - Account 426		
	Capitalized - Accounts 107, 108	304	
	Purchasing & Stores - Account 163		
	Deferred OPEB Regulatory Asset - Account 182	(10,220)	
	Other		
	Total Recoverable OPEB Cost	**541**	
	Total OPEB Funding Payments - Account 253	**11,292**	

* Amounts from the applicable actuarial study.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDING 12/31/2018

CONFIDENTIAL

Workpapers WP/II-D-3.10 – Administration Fees is confidential. A copy of this material will be provided only after execution of a certification to be bound by the draft protective order set forth in Section VII of this Rate Filing Package or a protective order issued in this docket.

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

EPIS as of December 31, 2018
Source. WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
INTANGIBLE PLANT						
E303	**Miscellaneous Intangible Plant**	This asset class consists of software, including SAP.	294,739,609.30			
		* Theses assets were assigned to the various functional areas based on analysis of cost centers provided by the IT Business Services group.		5,167,780.33	96,475,886.97	114,879,068 08
	Subtotal Miscellaneous Intangible Plant		**294,739,609.30**	**5,167,780.33**	**96,475,886.97**	**114,879,068.08**
	Subtotal Intangible Plant		**294,739,609.30**	**5,167,780.33**	**96,475,886.97**	**114,879,068.08**

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
INTANGIBLE PLANT							
E303	**Miscellaneous Intangible Plant**						
		78,216,873 91					
	Subtotal Miscellaneous Intangible Plant	78,216,873.91	0 00	1.7533%	32.7326%	38.9765%	26.5376%
	Subtotal Intangible Plant	78,216,873.91	0.00	1.7533%	32.7326%	38.9765%	26.5376%

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class		Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
TRANSMISSION PLANT							
E35001	**Land Owned in Fee**		This asset class consists of fee land for transmission lines and transmission substations.	49,328,223 26			
		*	The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning		✓2 48,522,378 82	✓2,844.44	0.00
	Subtotal of Land Owned in Fee			49,328,223.26	48,522,378.82	805,844.44	0.00
E35002	**Land Rights**		This asset class consists of land rights for transmission lines and for transmission substations	100,986,142.53			
		*	The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.		✓3 100,984,131.20	2,✓3 33	0.00
	Subtotal for Land Rights			100,986,142.53	100,984,131.20	2,011.33	0.00
E35201	**Structures and Improvements**		This asset class consists of structures and improvements within transmission substations and transmission lines	202,221,912.88			
		*	The substation assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.		195,206,707.31	7,015,205.57	0.00
	Subtotal Structures and Improvements			202,221,912.88	195,206,707.31	7,015,205.57	0.00
E35301	**Station Equipment**		This asset class consists of station equipment at transmission substations and generating station substations.	993,650,565.77			
		*	These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Project Engineering		916,041,505 81	77,609,059.96	0 00
	Subtotal Station Equipment			993,650,565.77	916,041,505.81	77,609,059.96	0.00
E35401	**Towers and Fixtures**		This asset class consists of transmission towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	844,559,604.94	844,559,604.94	0 00	0 00
	Subtotal Towers and Fixtures			844,559,604.94	844,559,604.94	0.00	0.00
E35501	**Poles, Towers and Fixtures**		This asset class consists of transmission poles, towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	124,988,758.89	124,988,758.89	0.00	0 00

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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EPIS as of December 31, 2018
Source· WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
TRANSMISSION PLANT							
E35001	Land Owned in Fee						
		0.00					
	Subtotal of Land Owned in Fee	0.00	0.00	98.3664%	1.6336%	0.0000%	0.0000%
E35002	Land Rights						
		0 00					
	Subtotal for Land Rights	0.00	0.00	99.9980%	0.0020%	0.0000%	0.0000%
E35201	Structures and Improvements						
		0 00					
	Subtotal Structures and Improvements	0.00	0.00	96.5309%	3.4691%	0.0000%	0.0000%
E35301	Station Equipment						
		0 00					
	Subtotal Station Equipment	0.00	0.00	92.1895%	7.8105%	0.0000%	0.0000%
E35401	Towers and Fixtures						
		0.00					
	Subtotal Towers and Fixtures	0.00	0 00	100.0000%	0.0000%	0.0000%	0.0000%
E35501	Poles, Towers and Fixtures						
		0 00					

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EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
	Subtotal Poles, Towers and Fixtures		124,988,758.89	124,988,758.89	0.00	0.00
E35601	**Overhead Conductors and Devices**	This asset class consists of transmission overhead conductors & devises These assets were assigned to Transmission based on the functionality of the account.	612,374,412 63	612,374,412 63	0 00	0 00
	Subtotal Overhead Conductors and Devices		612,374,412.63	612,374,412.63	0.00	0.00
E35701	**Underground Conduit**	This asset class consists of transmission underground conduit. These assets were assigned to Transmission based on the functionality of the account.	38,059,655.95	38,059,655.95	0 00	0.00
E35801	**Underground Conductors and Devices**	This asset class consists of transmission underground conductors & devices. These assets were assigned to Transmission based on the functionality of the account.	14,661,443.81	14,661,443.81	0.00	0 00
E35901	**Roads and Trails**	This asset class consists of transmission roads & trails. These assets were assigned to Transmission based on the functionality of the account.	81,533,231.33	81,533,231.33	0 00	0.00
	Subtotal Roads and Trails		81,533,231.33	81,533,231.33	0.00	0.00
	Subtotal Transmission Plant		3,062,363,951.99	2,976,931,830.69	85,432,121.30	0.00

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
	Subtotal Poles, Towers and Fixtures	**0.00**	0.00	**100.0000%**	**0.0000%**	**0.0000%**	**0.0000%**
E35601	**Overhead Conductors and Devices**						
		0.00					
	Subtotal Overhead Conductors and Devices	**0.00**	0 00	**100.0000%**	**0.0000%**	**0.0000%**	**0.0000%**
E35701	**Underground Conduit**						
		0.00	0 00	**100.0000%**	**0.0000%**	**0.0000%**	**0.0000%**
E35801	**Underground Conductors and Devices**						
		0 00	0 00	**100.0000%**	**0.0000%**	**0.0000%**	**0.0000%**
E35901	**Roads and Trails**						
		0 00					
	Subtotal Roads and Trails	**0.00**	0 00	**100.0000%**	**0.0000%**	**0.0000%**	**0.0000%**
	Subtotal Transmission Plant	**0.00**		**97.2103%**	**2.7897%**	**0.0000%**	**0.0000%**

EPIS as of December 31, 2018
Source. WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
DISTRIBUTION PLANT						
E36001	**Land Owned in Fee**	This asset class consists of fee land within distribution substations and distribution lines.	31,120,482.07			
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation These estimates were provided by Substation Electric Design & Planning		18,025,875.74	13,094,606 33	0.00
	Subtotal Land Owned in Fee		31,120,482.07	18,025,875.74	13,094,606.33	0.00
E36002	**Land Rights**	This asset class consists of land rights within distribution substations and distribution lines.	1,175,408.31			
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning		61,041 37	1,114,366.94	0.00
	Subtotal Land Rights		1,175,408.31	61,041.37	1,114,366.94	0.00
E36101	**Structures and Improvements**	This asset consists of structures and improvements at distribution substations These assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.	105,322,417 45	36,464,889.21	68,857,528 24	0.00
E36201	**Station Equipment**	This asset class consists of station equipment at distribution substations	1,210,967,165.25			
		* These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Substation Electric Design & Planning Group		452,923,106.50	758,044,058.75	0.00
		Plant Adjustment				
	Subtotal Station Equipment		1,210,967,165.25	452,923,106.50	758,044,058.75	0.00
E36401	**Poles, Towers, and Fixtures**	This asset class consists of distribution poles, towers & fixtures These assets were assigned to distribution based on the functionality of the account.	833,783,398.52	0.00	833,783,398.52	0.00
	Subtotal Poles, Towers, and Fixtures		833,783,398.52	0.00	833,783,398.52	0.00
E36501	**Overhead Conductors and Devices**	This asset class consists of distribution overhead conductors & devices These assets were assigned to Distribution based on the functionality of the account.	1,006,923,474 68	0 00	1,006,923,474.68	0.00

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EPIS as of December 31, 2018
Source· WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
DISTRIBUTION PLANT							
E36001	Land Owned in Fee						
		0.00					
	Subtotal Land Owned in Fee	0.00	0.00	57.9229%	42.0771%	0.0000%	0.0000%
E36002	Land Rights						
		0 00					
	Subtotal Land Rights	0.00	0.00	5.1932%	94.8068%	0.0000%	0.0000%
E36101	Structures and Improvements						
		0 00	0.00	34.6222%	65.3778%	0.0000%	0.0000%
E36201	Station Equipment						
		0 00					
	Subtotal Station Equipment	0.00	0.00	37.4018%	62.5982%	0.0000%	0.0000%
E36401	Poles, Towers, and Fixtures						
		0 00					
	Subtotal Poles, Towers, and Fixtures	0.00	0.00	0.0000%	100.0000%	0.0000%	0.0000%
E36501	Overhead Conductors and Devices						
		0.00	0 00	0.0000%	100.0000%	0.0000%	0.0000%

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E36601	**Underground Conduit**	This asset class consists of distribution underground conduit. These assets were assigned to Distribution based on the functionality of the account.	588,157,680.49	0 00	588,157,680 49	0.00
E36701	**Underground Conductor and Devices**	This asset class consists of distribution underground conductors & devices. These assets were assigned to Distribution based on the functionality of the account.	1,066,789,519 50	0 00	1,066,789,519 50	0.00
E36801	**Line Transformers**	This asset class consists of distribution line transformers. These assets were assigned to Distribution based on the functionality of the account.	1,376,452,968 56	0.00	1,376,452,968 56	0.00
	Subtotal Line Transformers		**1,376,452,968.56**	**0.00**	**1,376,452,968.56**	**0.00**
E36901	**Services**	This asset class consists of distribution services. These assets were assigned to Distribution based on the functionality of the account.	200,436,671.20	0.00	200,436,671.20	0.00
E37001	**Meters**	This asset class consists of metering equipment.	78,336,384.47	0 00	0.00	78,336,384.47
			78,336,384.47	**0.00**	**0.00**	**78,336,384.47**
E37003	**Automated Meters**	This asset class consists of metering equipment.	179,725,535.57	0 00	0 00	179,725,535.57
E37301, E37302 & E37401	**Street Lighting & Signal Systems and Security Lighting**	This asset class consists of street lighting equipment.				
		* These assets were assigned to Distribution.	617,498,610 62	0.00	617,498,610.62	0.00
	Subtotal Street Lighting & Signal Systems and Security Lighting		**617,498,610.62**	**0.00**	**617,498,610.62**	**0.00**
	Subtotal Distribution Plant		**7,296,689,716.69**	**507,474,912.82**	**6,531,152,883.83**	**258,061,920.04**

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E36601	Underground Conduit						
		0 00	0 00	0.0000%	100.0000%	0.0000%	0.0000%
E36701	Underground Conductor and Devices						
		0.00	0.00	0.0000%	100.0000%	0.0000%	0.0000%
E36801	Line Transformers						
		0.00					
	Subtotal Line Transformers	0.00	0.00	0.0000%	100.0000%	0.0000%	0.0000%
E36901	Services						
		0.00	0.00	0.0000%	100.0000%	0.0000%	0.0000%
E37001	Meters	0.00					
		0.00	0.00	0.0000%	0.0000%	100.0000%	0.0000%
E37003	Automated Meters	0.00	0.00	0.0000%	0.0000%	100.0000%	0.0000%
E37301, E37302 & E37401	Street Lighting & Signal Systems and Security Lighting						
		0.00					
	Subtotal Street Lighting & Signal Systems and Security Lighting	0.00	0 00	0.0000%	100.0000%	0.0000%	0.0000%
	Subtotal Distribution Plant	0.00		6.9549%	89.5084%	3.5367%	0.0000%

EPIS as of December 31, 2018
Source. WP II-F-Plant Functionalization

Asset Class	Title of Asset Class		Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
GENERAL PLANT							
E38901	**Land Owned in Fee**		This asset class consists of fee land used for service centers, office buildings and microwave stations.	27,581,007 75			
		*	These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.		896,572.00	26,235,745 73	248,256.22
		*	The assets consisting of the five microwave stations were assigned based upon the EMPLNUM functionalization factor		30,361 97	95,785 02	10,792.67
	Subtotal Land Owned in Fee			27,581,007.75	926,933.97	26,331,530.75	259,048.89
E38902	**Land Rights**		This asset class consists of land rights used for service centers and office buildings	154,399.83			
		*	These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390		490 10	140,767 43	1,031 52
	Subtotal Land Rights			154,399.83	490.10	140,767.43	1,031.52
E39001	**Structures and Improvements**		This asset class consists of structures & improvements for service centers and office buildings. These assets were analyzed at the PSEC level	242,412,872.23			
		*	Most assets were assigned to the various Functional Areas based on the total square footage of occupancy of the Functional Area within the Site The Functional Areas were then assigned a value based upon the cost per square foot.		30,118,153.06	207,859,378 36	2,744,618 94
	Subtotal Structures and Improvements			242,412,872.23	30,118,153.06	207,859,378.36	2,744,618.94
E39101	**Office Furniture and Equipment**		This asset class consists of office furniture & equipment located at the service centers, office buildings and warehouses	11,134,603.39			
		*	Most assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.		878,018.69	7,860,269.62	99,346.79
	Subtotal Office Furniture and Equipment			11,134,603.39	878,018.69	7,860,269.62	99,346.79

2019 RATE CASE
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
TEST YEAR ENDED 12/31/2018

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
GENERAL PLANT							
E38901	Land Owned in Fee						
		48,851.25					
		14,642.89					
	Subtotal Land Owned in Fee	63,494.14	0.00	3.3608%	95.4698%	0.9392%	0.2302%
E38902	Land Rights						
		12,110.78					
	Subtotal Land Rights	12,110.78	0.00	0.3174%	91.1707%	0.6681%	7.8438%
E39001	Structures and Improvements						
		1,690,721 87					
	Subtotal Structures and Improvements	1,690,721.87	0 00	12.4243%	85.7460%	1.1322%	0.6975%
E39101	Office Furniture and Equipment						
		2,296,968 29					
	Subtotal Office Furniture and Equipment	2,296,968.29	0 00	7.8855%	70.5932%	0.8922%	20.6291%

EPIS as of December 31, 2018
Source. WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E39201	**Transportation Equipment**	This asset class consists of transportation equipment throughout each of the functional areas	136,383,158 13			
		* Most assets were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments. Information regarding these assignments was provided by Fleet Maintenance.		36,062,130.39	81,849,657 57	4,940,247.24
	Total Transportation Equipment		136,383,158.13	36,062,130.39	81,849,657.57	4,940,247.24

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CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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EPIS as of December 31, 2018
Source. WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E39201	Transportation Equipment						
		13,531,122.93					
	Total Transportation Equipment	13,531,122.93	0.00	26.4418%	60.0145%	3.6223%	9.9214%

EPIS as of December 31, 2018
Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E39301	**Stores Equipment**	This asset class consists of stores equipment for service centers and generation facilities.	210,122.41			
		* Assets for the CEHE Service Centers, with the exclusion of South Houston, were assigned to Distribution.		0.00	62,038 12	0.00
		* The assets in PSEC 734, South Houston Complex, were assigned as follows· 61% Distribution, 33% Transmission, and 6% Metering These allocations were based upon an analysis of M & S Inventory by Purchasing & Logistics.		62,195.40	82,927 20	2,961.69
	Subtotal Stores Equipment		210,122.41	62,195.40	144,965.32	2,961.69
E39401	**Tools, Shop and Garage Equipment**	This asset class consists of tools, shop and engine equipment located at service centers, office buildings and generation facilities. They were analyzed at the PSEC level.	15,431,018.58			
		* These PSECs were divided into Distribution, Metering, and/or Transmission based on the total square footage, occupied by the functional areas, of the facility's garage.		123,763 07	15,124,983 06	182,272 45
	Subtotal Tools, Shop and Garage Equipment		15,431,018.58	123,763.07	15,124,983.06	182,272.45
E39501	**Laboratory Equipment**	This asset class consists of laboratory equipment for service centers, office buildings and generation facilities.	22,022,966 15			
		* Assets at the South Houston Service Center were assigned to Transmission.		0.00	0.00	0 00
		* Assets at the CEHE Service Centers and Travis Tower were assigned to Distribution		0.00	3,854,099 50	0 00
		* Assets at the South Houston Complex and the Magnolia Park Service Center were assigned to T & D Metering.		0.00	0.00	17,418,455 42
		* Assets at the CNP Tower were assigned to TDCS.		0 00	0.00	0 00
	Total Laboratory Equipment		22,022,966.15	0.00	3,854,099.50	17,418,455.42
E39601	**Power Operated Equipment**	This asset class consists of transportation equipment throughout each of the functional areas.	23,947,280.01			
		* These asset were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments within the Utility. Information regarding these assignments was provided by Fleet Maintenance		11,136,966.98	8,609,097.56	173,536 63
	Subtotal Power Operated Equipment		23,947,280.01	11,136,966.98	8,609,097.56	173,536.63

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EPIS as of December 31, 2018
Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E39301	Stores Equipment						
		0.00					
		0.00					
	Subtotal Stores Equipment	0.00	0.00	29.5996%	68.9909%	1.4095%	0.0000%
E39401	Tools, Shop and Garage Equipment						
		0.00					
	Subtotal Tools, Shop and Garage Equipment	0.00	0.00	0.8020%	98.0168%	1.1812%	0.0000%
E39501	Laboratory Equipment						
		0 00					
		0.00					
		0.00					
		750,411 23					
	Total Laboratory Equipment	750,411.23	0.00	0.0000%	17.5004%	79.0922%	3.4074%
E39601	Power Operated Equipment						
		4,027,678.84					
	Subtotal Power Operated Equipment	4,027,678.84	0 00	46.5062%	35.9502%	0.7247%	16.8189%

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E39701	**Communication Equipment**	This asset class consists of communication equipment throughout many of the functional areas.	377,223,496 48			
		* These assets were assigned based upon the EMPLNUM functionalization factor.		75,557,866 50	238,367,527 38	26,858,312.82
	Subtotal Communication Equipment		377,223,496.48	75,557,866.50	238,367,527.38	26,858,312.82

EPIS as of December 31, 2018
Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E39701	**Communication Equipment**						
		36,439,789.78					
	Subtotal Communication Equipment	36,439,789.78	0.00	20.0300%	63.1900%	7.1200%	9.6600%

EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class		Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E39702	**Computer Equipment**		This asset class consists of computer equipment throughout many areas of the functional areas.	170,073,927 43			
		*	These assets were assigned based upon the EMPLNUM functionalization factor.		31,594,146 41	112,011,993 87	11,230,670 13
	Subtotal Computer Equipment			170,073,927.43	31,594,146.41	112,011,993.87	11,230,670.13

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EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E39702	**Computer Equipment**						
		15,237,117 02					
	Subtotal Computer Equipment	15,237,117.02	0.00	18.5767%	65.8608%	6.6034%	8.9591%

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CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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EPIS as of December 31, 2018
Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018
E39801	**Miscellaneous Equipment**	This asset class consists of miscellaneous equipment at the service centers, office buildings and generation facilities These assets were analyzed at the PSEC level.	10,864,589 93			
		* These PSECs were allocated based upon the allocation percentages that were calculated by functional area, by PSEC, for asset class 390		1,859,796.18	7,564,800.20	71,936 86
		* Assets at the ECDC were assigned to Transmission.				
				1,859,796.18	7,564,800 20	71,936.86
	Subtotal Miscellaneous Equipment		10,864,589.93	1,859,796.18	7,564,800.20	71,936.86
	Subtotal General Plant		1,037,439,442.32	188,320,460.75	709,719,070.62	63,982,439.38
	Grand Total		11,691,232,720.30	3,677,894,984.60	7,422,779,962.72	436,923,427.50

Adjustments to Plant in Service at 12/31/2017		3,677,894,984.60	7,422,779,962.73	436,923,427.50
Plant in Service-Acct 163010-as of 12/31/2018	11,251,772,927 31			
Construction Cost Not Classified-Acct 163000-as of 12/31/2018	462,601,233.93			
Exclude E37403 (Asset Retirement Obligation) as of 12/31/2018	(18,560,081 73)	(0.00)	(0 01)	(0 00)
Exclude E39911 (Asset Retirement Obligation) as of 12/31/2018	(3,546,079.21)			
Exclude Automated Metering System Balances as of 12/31/2018	(158,664,155 87)			
Include Automated Metering System Balances as of 12/31/2018				
E36002 Plant Adjustment-12/31/2018	(1,035,280.00)			
	0.00			
	0.00			
Adjusted Plant in Service Balance	11,532,568,564 43			
Difference	158,664,155.87			

Substation Weighted Average

	Balance	Transmission
E35301	993,650,565 77	916,041,505.81
	-	
E36201	1,210,967,165 25	452,923,106.50
	2,204,617,731.02	1,368,964,612.32
		62.10%

Based on weighted average of Substation Equipment (historical balance)

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EPIS as of December 31, 2018
Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	T&D Customer Service EPIS as of Dec. 31, 2018	Check	Transmission	Distribution	T&D Metering	T&D Customer Service
E39801	Miscellaneous Equipment						
		1,368,056 69					
		1,368,056.69					
	Subtotal Miscellaneous Equipment	1,368,056.69	0.00	17.1180%	69.6280%	0.6621%	12.5919%
	Subtotal General Plant	75,417,471.57	0.00	18.1524%	68.4107%	6.1673%	7.2696%
	Grand Total	153,634,345.48	(0.00)	31.4586%	63.4901%	3.7372%	1.3141%
		153,634,345 48					
		0 00		1462 5699%	2089.5705%	395 4414%	152 4182%
				4100 0000%			

Distribution
77,609,059 96
758,044,058.75
835,653,118 70
37.90%

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			1	2	3	6	7	
FF #	Description	FF Label	TRAN	DIST	MET	TDCS	TOTAL	
1	Direct Assigned	DA	0.0%	0.0%	0.0%	0.0%	0.0%	
2	Transmission	TRAN	100.0%	0.0%	0.0%	0.0%	100.0%	
3	Distribution	DIST	0.0%	100.0%	0.0%	0.0%	100.0%	
4	Metering	MET	0.0%	0.0%	100.0%	0.0%	100.0%	
5	TDCS	TDCS	0.0%	0.0%	0.0%	100.0%	100.0%	
6	Total Revenue Requirement [1]	TOTREV						
7	Total O&M Expense, excluding Fuel & Purchased Power	TOMXFP(565)						
[redacted]								
9	DIST Operations composite allocator (FERC accounts 581-587 & 589)	DISTOPX						
10	Composite allocator (FERC accounts 902 & 903)	C902 3						
11	Composite allocator (FERC accounts 906, 908 & 909)	C906 9						
[redacted]								
13	General Plant - Net	GNLPLT-N	21.4%	66.4%	5.5%	6.7%	100.0%	
14	Net Plant, excluding General Plant	PLTXGNL-N						
15	Net Plant in Service	PLTSVC-N	35.7%	60.7%	2.5%	1.0%	100.0%	
16	Net Plant in Service, excluding Intangible Plant	PLTSVC-NX						
17	Transmission Substation Plant Account 353	TPLNT353						
18	Distribution Substation Plant Account 362	DPLNT362						
19	Property Tax	ADTAXEXP						
20	Total Rate Base	TRTBSE						
21	Total Gross Plant in Service	GPLT	31.8%	64.0%	3.0%	1.2%	100.0%	
22	Misc Intangible Plant - MF S/W (Not Used)	E30301	0.0%	0.0%	0.0%	0.0%	0.0%	303.01
23	Misc Intangible Plant - NMF S/W	E30302	1.8%	32.7%	39.0%	26.5%	100.0%	303.02
24	Land and Land Fees (Not Used)	E31001	0.0%	0.0%	0.0%	0.0%	0.0%	310.01
25	Land and Land Fees	E35001	98.4%	1.6%	0.0%	0.0%	100.0%	350.01
26	Land and Land Rights	E35002	100.0%	0.0%	0.0%	0.0%	100.0%	350.02
27	Structures and Improvements	E35201	96.5%	3.5%	0.0%	0.0%	100.0%	352.01
28	Station Equipment	E35301	92.2%	7.8%	0.0%	0.0%	100.0%	353.01
29	Towers and Fixtures	E35401	100.0%	0.0%	0.0%	0.0%	100.0%	354.01
30	Poles, Towers and Fixtures	E35501	100.0%	0.0%	0.0%	0.0%	100.0%	355.01
31	Overhead Conductors and Devices	E35601	100.0%	0.0%	0.0%	0.0%	100.0%	356.01
32	Underground Conduit	E35701	100.0%	0.0%	0.0%	0.0%	100.0%	357.01
33	Underground Conductors and Devices	E35801	100.0%	0.0%	0.0%	0.0%	100.0%	358.01
34	Roads and Trails	E35901	100.0%	0.0%	0.0%	0.0%	100.0%	359.01
35	Land and Land Fees	E36001	57.9%	42.1%	0.0%	0.0%	100.0%	360.01
36	Land and Land Rights	E36002	5.2%	94.8%	0.0%	0.0%	100.0%	360.02
37	Structures and Improvements	E36101	34.6%	65.4%	0.0%	0.0%	100.0%	361.01
38	Station Equipment	E36201	37.4%	62.6%	0.0%	0.0%	100.0%	362.01
39	Poles, Towers, and Fixtures	E36401	0.0%	100.0%	0.0%	0.0%	100.0%	364.01
40	Overhead Conductors and Devices	E36501	0.0%	100.0%	0.0%	0.0%	100.0%	365.01
41	Underground Conduit	E36601	0.0%	100.0%	0.0%	0.0%	100.0%	366.01
42	Underground Conductors and Devices	E36701	0.0%	100.0%	0.0%	0.0%	100.0%	367.01
43	Line Transformers	E36801	0.0%	100.0%	0.0%	0.0%	100.0%	368.01
44	Services	E36901	0.0%	100.0%	0.0%	0.0%	100.0%	369.01
45	Meters	E37001	0.0%	0.0%	100.0%	0.0%	100.0%	370.01
46	Automated Meters	E37003	0.0%	0.0%	100.0%	0.0%	100.0%	370.03
47	Street Lighting and Signal Systems	E37301	0.0%	100.0%	0.0%	0.0%	100.0%	373.01
48	Security Lighting (Not Used)	E37401	0.0%	0.0%	0.0%	0.0%	0.0%	374.01
49	Land and Land Fees	E38901	3.4%	95.5%	0.9%	0.2%	100.0%	389.01
50	Land and Land Rights	E38902	0.3%	91.2%	0.7%	7.8%	100.0%	389.02
51	Structures and Improvements	E39001	12.4%	85.7%	1.1%	0.7%	100.0%	390.01
52	Office Furniture and Equipment	E39101	7.9%	70.6%	0.9%	20.6%	100.0%	391.01
53	Transportation Equipment	E39201	26.4%	60.0%	3.6%	9.9%	100.0%	392.01
54	Stores Equipment	E39301	29.6%	69.0%	1.4%	0.0%	100.0%	393.01
55	Tools, Shop and Engine Equipment	E39401	0.8%	98.0%	1.2%	0.0%	100.0%	394.01
56	Laboratory Equipment	E39501	0.0%	17.5%	79.1%	3.4%	100.0%	395.01
57	Power Operated Equipment	E39601	46.5%	36.0%	0.7%	16.8%	100.0%	396.01
58	Communication Equipment	E39701	20.0%	63.2%	7.1%	9.7%	100.0%	397.01
59	Computer Equipment	E39702	18.6%	65.9%	6.6%	9.0%	100.0%	397.02
60	Miscellaneous Equipment	E39801	17.1%	69.6%	0.7%	12.6%	100.0%	398.01
61	Meters (Not Used)	E37002	0.0%	0.0%	0.0%	0.0%	0.0%	370.02
62	Install. on Customer Prem. (Not Used)	E37101	0.0%	0.0%	0.0%	0.0%	0.0%	371.01

Note: Items without numbers are not used within the workpaper file
Cells Shaded Blue are hard-coded and shall be updated according to the instructions in CEHE RFP Information and Instructions.docx

CERTIFICATE OF SERVICE

I hereby certify that on this 20th 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.