

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

Interest - \$300,000,000 2.40% General Mortgage Bonds, Series Z  
 Due September 01, 2026

		Cr GL275050 Dr GL708240		GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050
		Issuance Costs			Discount		Interest Rate Hedge	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
5/30/2020	76		(21,732.52)	1,629,938.86	(2,884.02)	216,301.65	9,567.36	(717,552.02)
6/30/2020	75		(21,732.52)	1,608,206.35	(2,884.02)	213,417.63	9,567.36	(707,984.66)
7/30/2020	74		(21,732.52)	1,586,473.83	(2,884.02)	210,533.61	9,567.36	(698,417.30)
8/30/2020	73		(21,732.52)	1,564,741.31	(2,884.02)	207,649.59	9,567.36	(688,849.94)
9/30/2020	72		(21,732.52)	1,543,008.79	(2,884.02)	204,765.56	9,567.36	(679,282.58)
10/30/2020	71		(21,732.52)	1,521,276.27	(2,884.02)	201,881.54	9,567.36	(669,715.22)
11/30/2020	70		(21,732.52)	1,499,543.75	(2,884.02)	198,997.52	9,567.36	(660,147.86)
12/30/2020	69		(21,732.52)	1,477,811.24	(2,884.02)	196,113.50	9,567.36	(650,580.50)
1/30/2021	68		(21,732.52)	1,456,078.72	(2,884.02)	193,229.48	9,567.36	(641,013.14)
2/28/2021	67		(21,732.52)	1,434,346.20	(2,884.02)	190,345.45	9,567.36	(631,445.78)
3/30/2021	66		(21,732.52)	1,412,613.68	(2,884.02)	187,461.43	9,567.36	(621,878.42)
4/30/2021	65		(21,732.52)	1,390,881.16	(2,884.02)	184,577.41	9,567.36	(612,311.05)
5/30/2021	64		(21,732.52)	1,369,148.65	(2,884.02)	181,693.39	9,567.36	(602,743.69)
6/30/2021	63		(21,732.52)	1,347,416.13	(2,884.02)	178,809.37	9,567.36	(593,176.33)
7/30/2021	62		(21,732.52)	1,325,683.61	(2,884.02)	175,925.34	9,567.36	(583,608.97)
8/30/2021	61		(21,732.52)	1,303,951.09	(2,884.02)	173,041.32	9,567.36	(574,041.61)
9/30/2021	60		(21,732.52)	1,282,218.57	(2,884.02)	170,157.30	9,567.36	(564,474.25)
10/30/2021	59		(21,732.52)	1,260,486.05	(2,884.02)	167,273.28	9,567.36	(554,906.89)
11/30/2021	58		(21,732.52)	1,238,753.54	(2,884.02)	164,389.26	9,567.36	(545,339.53)
12/30/2021	57		(21,732.52)	1,217,021.02	(2,884.02)	161,505.23	9,567.36	(535,772.17)
1/30/2022	56		(21,732.52)	1,195,288.50	(2,884.02)	158,621.21	9,567.36	(526,204.81)
2/28/2022	55		(21,732.52)	1,173,555.98	(2,884.02)	155,737.19	9,567.36	(516,637.45)
3/30/2022	54		(21,732.52)	1,151,823.46	(2,884.02)	152,853.17	9,567.36	(507,070.09)
4/30/2022	53		(21,732.52)	1,130,090.95	(2,884.02)	149,969.15	9,567.36	(497,502.73)
5/30/2022	52		(21,732.52)	1,108,358.43	(2,884.02)	147,085.12	9,567.36	(487,935.37)
6/30/2022	51		(21,732.52)	1,086,625.91	(2,884.02)	144,201.10	9,567.36	(478,368.01)
7/30/2022	50		(21,732.52)	1,064,893.39	(2,884.02)	141,317.08	9,567.36	(468,800.65)
8/30/2022	49		(21,732.52)	1,043,160.87	(2,884.02)	138,433.06	9,567.36	(459,233.29)
9/30/2022	48		(21,732.52)	1,021,428.35	(2,884.02)	135,549.04	9,567.36	(449,665.93)
10/30/2022	47		(21,732.52)	999,695.84	(2,884.02)	132,665.01	9,567.36	(440,098.57)
11/30/2022	46		(21,732.52)	977,963.32	(2,884.02)	129,780.99	9,567.36	(430,531.21)
12/30/2022	45		(21,732.52)	956,230.80	(2,884.02)	126,896.97	9,567.36	(420,963.85)
1/30/2023	44		(21,732.52)	934,498.28	(2,884.02)	124,012.95	9,567.36	(411,396.49)
2/28/2023	43		(21,732.52)	912,765.76	(2,884.02)	121,128.93	9,567.36	(401,829.13)
3/30/2023	42		(21,732.52)	891,033.25	(2,884.02)	118,244.90	9,567.36	(392,261.77)
4/30/2023	41		(21,732.52)	869,300.73	(2,884.02)	115,360.88	9,567.36	(382,694.41)
5/30/2023	40		(21,732.52)	847,568.21	(2,884.02)	112,476.86	9,567.36	(373,127.05)
6/30/2023	39		(21,732.52)	825,835.69	(2,884.02)	109,592.84	9,567.36	(363,559.69)
7/30/2023	38		(21,732.52)	804,103.17	(2,884.02)	106,708.82	9,567.36	(353,992.33)
8/30/2023	37		(21,732.52)	782,370.65	(2,884.02)	103,824.79	9,567.36	(344,424.97)
9/30/2023	36		(21,732.52)	760,638.14	(2,884.02)	100,940.77	9,567.36	(334,857.61)
10/30/2023	35		(21,732.52)	738,905.62	(2,884.02)	98,056.75	9,567.36	(325,290.25)
11/30/2023	34		(21,732.52)	717,173.10	(2,884.02)	95,172.73	9,567.36	(315,722.89)
12/30/2023	33		(21,732.52)	695,440.58	(2,884.02)	92,288.71	9,567.36	(306,155.53)
1/30/2024	32		(21,732.52)	673,708.06	(2,884.02)	89,404.68	9,567.36	(296,588.17)
2/29/2024	31		(21,732.52)	651,975.55	(2,884.02)	86,520.66	9,567.36	(287,020.81)

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 TEST YEAR ENDED 12/31/2018**

Interest - \$300,000,000 2.40% General Mortgage Bonds, Series Z  
 Due: September 01, 2026

			Cr GL275050 Dr GL708240	GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050
		Issuance Costs			Discount		Interest Rate Hedge	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
3/30/2024	30		(21,732.52)	630,243.03	(2,884.02)	83,636.64	9,567.36	(277,453.45)
4/30/2024	29		(21,732.52)	608,510.51	(2,884.02)	80,752.62	9,567.36	(267,886.09)
5/30/2024	28		(21,732.52)	586,777.99	(2,884.02)	77,868.60	9,567.36	(258,318.73)
6/30/2024	27		(21,732.52)	565,045.47	(2,884.02)	74,984.57	9,567.36	(248,751.37)
7/30/2024	26		(21,732.52)	543,312.95	(2,884.02)	72,100.55	9,567.36	(239,184.01)
8/30/2024	25		(21,732.52)	521,580.44	(2,884.02)	69,216.53	9,567.36	(229,616.65)
9/30/2024	24		(21,732.52)	499,847.92	(2,884.02)	66,332.51	9,567.36	(220,049.29)
10/30/2024	23		(21,732.52)	478,115.40	(2,884.02)	63,448.48	9,567.36	(210,481.93)
11/30/2024	22		(21,732.52)	456,382.88	(2,884.02)	60,564.46	9,567.36	(200,914.56)
12/30/2024	21		(21,732.52)	434,650.36	(2,884.02)	57,680.44	9,567.36	(191,347.20)
1/30/2025	20		(21,732.52)	412,917.85	(2,884.02)	54,796.42	9,567.36	(181,779.84)
2/28/2025	19		(21,732.52)	391,185.33	(2,884.02)	51,912.40	9,567.36	(172,212.48)
3/30/2025	18		(21,732.52)	369,452.81	(2,884.02)	49,028.37	9,567.36	(162,645.12)
4/30/2025	17		(21,732.52)	347,720.29	(2,884.02)	46,144.35	9,567.36	(153,077.76)
5/30/2025	16		(21,732.52)	325,987.77	(2,884.02)	43,260.33	9,567.36	(143,510.40)
6/30/2025	15		(21,732.52)	304,255.25	(2,884.02)	40,376.31	9,567.36	(133,943.04)
7/30/2025	14		(21,732.52)	282,522.74	(2,884.02)	37,492.29	9,567.36	(124,375.68)
8/30/2025	13		(21,732.52)	260,790.22	(2,884.02)	34,608.26	9,567.36	(114,808.32)
9/30/2025	12		(21,732.52)	239,057.70	(2,884.02)	31,724.24	9,567.36	(105,240.96)
10/30/2025	11		(21,732.52)	217,325.18	(2,884.02)	28,840.22	9,567.36	(95,673.60)
11/30/2025	10		(21,732.52)	195,592.66	(2,884.02)	25,956.20	9,567.36	(86,106.24)
12/30/2025	9		(21,732.52)	173,860.15	(2,884.02)	23,072.18	9,567.36	(76,538.88)
1/30/2026	8		(21,732.52)	152,127.63	(2,884.02)	20,188.15	9,567.36	(66,971.52)
2/28/2026	7		(21,732.52)	130,395.11	(2,884.02)	17,304.13	9,567.36	(57,404.16)
3/30/2026	6		(21,732.52)	108,662.59	(2,884.02)	14,420.11	9,567.36	(47,836.80)
4/30/2026	5		(21,732.52)	86,930.07	(2,884.02)	11,536.09	9,567.36	(38,269.44)
5/30/2026	4		(21,732.52)	65,197.55	(2,884.02)	8,652.07	9,567.36	(28,702.08)
6/30/2026	3		(21,732.52)	43,465.04	(2,884.02)	5,768.04	9,567.36	(19,134.72)
7/30/2026	2		(21,732.52)	21,732.52	(2,884.02)	2,884.02	9,567.36	(9,567.36)
8/30/2026	1		(21,732.52)	-	(2,884.02)	-	9,567.36	-
9/30/2026	0							
			<u>2,616,007.75</u>	<u>(2,616,007.75)</u>			<u>1,154,443.80</u>	

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 TEST YEAR ENDED 12/31/2018**

Interest - \$300,000,000 3.00% General Mortgage Bonds, Series AA  
 Due: February 1, 2027

		Cr GL275050 Dr GL708240	GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Cr G/L 298050 Dr GL708050	G/L 298050	
		Issuance Costs			Discount		Interest Rate Hedge	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
1/12/2017	121	132,030.50	(10,897.68)	2,071,132.82	(10,269.42)	1,951,730.58	(2,639.40)	501,625.60
2/28/2017	120	310,913.97	(19,850.39)	2,362,196.40	(16,264.42)	1,935,466.16	(4,180.21)	497,445.38
3/31/2017	119	18,994.00	(20,010.00)	2,361,180.40	(16,264.42)	1,919,201.74	(4,180.21)	493,265.17
4/30/2017	118		(20,010.00)	2,341,170.39	(16,264.42)	1,902,937.31	(4,180.21)	489,084.96
5/31/2017	117	43,693.56	(20,383.45)	2,364,480.50	(16,264.42)	1,886,672.89	(4,180.21)	484,904.74
6/30/2017	116	162,028.00	(21,780.25)	2,504,728.25	(16,264.42)	1,870,408.47	(4,180.21)	480,724.53
7/31/2017	115	0.80	(21,780.25)	2,482,948.80	(16,264.42)	1,854,144.05	(4,180.21)	476,544.32
8/31/2017	114		(21,780.25)	2,461,168.55	(16,264.42)	1,837,879.63	(4,180.21)	472,364.10
9/30/2017	113		(21,780.25)	2,439,388.30	(16,264.42)	1,821,615.21	(4,180.21)	468,183.89
10/31/2017	112		(21,780.25)	2,417,608.04	(16,264.42)	1,805,350.79	(4,180.21)	464,003.68
11/30/2017	111		(21,780.25)	2,395,827.79	(16,264.42)	1,789,086.36	(4,180.21)	459,823.46
12/31/2017	110		(21,780.25)	2,374,047.54	(16,264.42)	1,772,821.94	(4,180.21)	455,643.25
1/31/2018	109		(21,780.25)	2,352,267.29	(16,264.42)	1,756,557.52	(4,180.21)	451,463.04
2/28/2018	108		(21,780.25)	2,330,487.03	(16,264.42)	1,740,293.10	(4,180.21)	447,282.82
3/31/2018	107		(21,780.25)	2,308,706.78	(16,264.42)	1,724,028.68	(4,180.21)	443,102.61
4/30/2018	106		(21,780.25)	2,286,926.53	(16,264.42)	1,707,764.26	(4,180.21)	438,922.40
5/31/2018	105		(21,780.25)	2,265,146.28	(16,264.42)	1,691,499.83	(4,180.21)	434,742.18
6/30/2018	104		(21,780.25)	2,243,366.02	(16,264.42)	1,675,235.41	(4,180.21)	430,561.97
7/31/2018	103		(21,780.25)	2,221,585.77	(16,264.42)	1,658,970.99	(4,180.21)	426,381.76
8/31/2018	102		(21,780.25)	2,199,805.52	(16,264.42)	1,642,706.57	(4,180.21)	422,201.54
9/30/2018	101		(21,780.25)	2,178,025.27	(16,264.42)	1,626,442.15	(4,180.21)	418,021.33
10/31/2018	100		(21,780.25)	2,156,245.01	(16,264.42)	1,610,177.73	(4,180.21)	413,841.12
11/30/2018	99		(21,780.25)	2,134,464.76	(16,264.42)	1,593,913.31	(4,180.21)	409,660.90
12/31/2018	98		(21,780.25)	2,112,684.51	(16,264.42)	1,577,648.88	(4,180.21)	405,480.69
1/31/2019	97		(21,780.25)	2,090,904.25	(16,264.42)	1,561,384.46	(4,180.21)	401,300.48
2/28/2019	96		(21,780.25)	2,069,124.00	(16,264.42)	1,545,120.04	(4,180.21)	397,120.26
3/31/2019	95		(21,780.25)	2,047,343.75	(16,264.42)	1,528,855.62	(4,180.21)	392,940.05
4/30/2019	94		(21,780.25)	2,025,563.50	(16,264.42)	1,512,591.20	(4,180.21)	388,759.84
5/31/2019	93		(21,780.25)	2,003,783.24	(16,264.42)	1,496,326.78	(4,180.21)	384,579.62
6/30/2019	92		(21,780.25)	1,982,002.99	(16,264.42)	1,480,062.36	(4,180.21)	380,399.41
7/31/2019	91		(21,780.25)	1,960,222.74	(16,264.42)	1,463,797.93	(4,180.21)	376,219.20
8/31/2019	90		(21,780.25)	1,938,442.49	(16,264.42)	1,447,533.51	(4,180.21)	372,038.98
9/30/2019	89		(21,780.25)	1,916,662.23	(16,264.42)	1,431,269.09	(4,180.21)	367,858.77
10/31/2019	88		(21,780.25)	1,894,881.98	(16,264.42)	1,415,004.67	(4,180.21)	363,678.56
11/30/2019	87		(21,780.25)	1,873,101.73	(16,264.42)	1,398,740.25	(4,180.21)	359,498.34
12/31/2019	86		(21,780.25)	1,851,321.48	(16,264.42)	1,382,475.83	(4,180.21)	355,318.13
1/31/2020	85		(21,780.25)	1,829,541.22	(16,264.42)	1,366,211.40	(4,180.21)	351,137.92
2/29/2020	84		(21,780.25)	1,807,760.97	(16,264.42)	1,349,946.98	(4,180.21)	346,957.70
3/31/2020	83		(21,780.25)	1,785,980.72	(16,264.42)	1,333,682.56	(4,180.21)	342,777.49
4/30/2020	82		(21,780.25)	1,764,200.46	(16,264.42)	1,317,418.14	(4,180.21)	338,597.28
5/31/2020	81		(21,780.25)	1,742,420.21	(16,264.42)	1,301,153.72	(4,180.21)	334,417.06
6/30/2020	80		(21,780.25)	1,720,639.96	(16,264.42)	1,284,889.30	(4,180.21)	330,236.85
7/31/2020	79		(21,780.25)	1,698,859.71	(16,264.42)	1,268,624.88	(4,180.21)	326,056.64
8/31/2020	78		(21,780.25)	1,677,079.45	(16,264.42)	1,252,360.45	(4,180.21)	321,876.42
								Unamortized Interest Rate Hedge Balance

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Interest - \$300,000,000 3 00% General Mortgage Bonds, Series AA  
 Due: February 1, 2027

		Cr GL275050 Dr GL708240		GL275050	CR G/L 275021 Dr GL708160		G/L 275021	Cr G/L 298050 Dr GL708050		G/L 298050
		Issuance Costs			Discount			Interest Rate Hedge		
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance	Amortization	Balance
9/30/2020	77		(21,780.25)	1,655,299.20	(16,264.42)	1,236,096.03	(4,180.21)	317,696.21		
10/31/2020	76		(21,780.25)	1,633,518.95	(16,264.42)	1,219,831.61	(4,180.21)	313,516.00		
11/30/2020	75		(21,780.25)	1,611,738.70	(16,264.42)	1,203,567.19	(4,180.21)	309,335.78		
12/31/2020	74		(21,780.25)	1,589,958.44	(16,264.42)	1,187,302.77	(4,180.21)	305,155.57		
1/31/2021	73		(21,780.25)	1,568,178.19	(16,264.42)	1,171,038.35	(4,180.21)	300,975.36		
2/28/2021	72		(21,780.25)	1,546,397.94	(16,264.42)	1,154,773.93	(4,180.21)	296,795.14		
3/31/2021	71		(21,780.25)	1,524,617.69	(16,264.42)	1,138,509.50	(4,180.21)	292,614.93		
4/30/2021	70		(21,780.25)	1,502,837.43	(16,264.42)	1,122,245.08	(4,180.21)	288,434.72		
5/31/2021	69		(21,780.25)	1,481,057.18	(16,264.42)	1,105,980.66	(4,180.21)	284,254.50		
6/30/2021	68		(21,780.25)	1,459,276.93	(16,264.42)	1,089,716.24	(4,180.21)	280,074.29		
7/31/2021	67		(21,780.25)	1,437,496.67	(16,264.42)	1,073,451.82	(4,180.21)	275,894.08		
8/31/2021	66		(21,780.25)	1,415,716.42	(16,264.42)	1,057,187.40	(4,180.21)	271,713.86		
9/30/2021	65		(21,780.25)	1,393,936.17	(16,264.42)	1,040,922.98	(4,180.21)	267,533.65		
10/31/2021	64		(21,780.25)	1,372,155.92	(16,264.42)	1,024,658.55	(4,180.21)	263,353.44		
11/30/2021	63		(21,780.25)	1,350,375.66	(16,264.42)	1,008,394.13	(4,180.21)	259,173.22		
12/31/2021	62		(21,780.25)	1,328,595.41	(16,264.42)	992,129.71	(4,180.21)	254,993.01		
1/31/2022	61		(21,780.25)	1,306,815.16	(16,264.42)	975,865.29	(4,180.21)	250,812.80		
2/28/2022	60		(21,780.25)	1,285,034.91	(16,264.42)	959,600.87	(4,180.21)	246,632.58		
3/31/2022	59		(21,780.25)	1,263,254.65	(16,264.42)	943,336.45	(4,180.21)	242,452.37		
4/30/2022	58		(21,780.25)	1,241,474.40	(16,264.42)	927,072.02	(4,180.21)	238,272.16		
5/31/2022	57		(21,780.25)	1,219,694.15	(16,264.42)	910,807.60	(4,180.21)	234,091.94		
6/30/2022	56		(21,780.25)	1,197,913.90	(16,264.42)	894,543.18	(4,180.21)	229,911.73		
7/31/2022	55		(21,780.25)	1,176,133.64	(16,264.42)	878,278.76	(4,180.21)	225,731.52		
8/31/2022	54		(21,780.25)	1,154,353.39	(16,264.42)	862,014.34	(4,180.21)	221,551.31		
9/30/2022	53		(21,780.25)	1,132,573.14	(16,264.42)	845,749.92	(4,180.21)	217,371.09		
10/31/2022	52		(21,780.25)	1,110,792.89	(16,264.42)	829,485.50	(4,180.21)	213,190.88		
11/30/2022	51		(21,780.25)	1,089,012.63	(16,264.42)	813,221.07	(4,180.21)	209,010.67		
12/31/2022	50		(21,780.25)	1,067,232.38	(16,264.42)	796,956.65	(4,180.21)	204,830.45		
1/31/2023	49		(21,780.25)	1,045,452.13	(16,264.42)	780,692.23	(4,180.21)	200,650.24		
2/28/2023	48		(21,780.25)	1,023,671.87	(16,264.42)	764,427.81	(4,180.21)	196,470.03		
3/31/2023	47		(21,780.25)	1,001,891.62	(16,264.42)	748,163.39	(4,180.21)	192,289.81		
4/30/2023	46		(21,780.25)	980,111.37	(16,264.42)	731,898.97	(4,180.21)	188,109.60		
5/31/2023	45		(21,780.25)	958,331.12	(16,264.42)	715,634.55	(4,180.21)	183,929.39		
6/30/2023	44		(21,780.25)	936,550.86	(16,264.42)	699,370.12	(4,180.21)	179,749.17		
7/31/2023	43		(21,780.25)	914,770.61	(16,264.42)	683,105.70	(4,180.21)	175,568.96		
8/31/2023	42		(21,780.25)	892,990.36	(16,264.42)	666,841.28	(4,180.21)	171,388.75		
9/30/2023	41		(21,780.25)	871,210.11	(16,264.42)	650,576.86	(4,180.21)	167,208.53		
10/31/2023	40		(21,780.25)	849,429.85	(16,264.42)	634,312.44	(4,180.21)	163,028.32		
11/30/2023	39		(21,780.25)	827,649.60	(16,264.42)	618,048.02	(4,180.21)	158,848.11		
12/31/2023	38		(21,780.25)	805,869.35	(16,264.42)	601,783.60	(4,180.21)	154,667.89		
1/31/2024	37		(21,780.25)	784,089.10	(16,264.42)	585,519.17	(4,180.21)	150,487.68		
2/29/2024	36		(21,780.25)	762,308.84	(16,264.42)	569,254.75	(4,180.21)	146,307.47		
3/31/2024	35		(21,780.25)	740,528.59	(16,264.42)	552,990.33	(4,180.21)	142,127.25		
4/30/2024	34		(21,780.25)	718,748.34	(16,264.42)	536,725.91	(4,180.21)	137,947.04		
5/31/2024	33		(21,780.25)	696,968.08	(16,264.42)	520,461.49	(4,180.21)	133,766.83		

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

Interest - \$300,000,000 3.00% General Mortgage Bonds, Series AA  
 Due: February 1, 2027

		Cr GL275050 Dr GL708240		GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Cr G/L 298050 Dr GL708050	G/L 298050
		Issuance Costs			Discount		Interest Rate Hedge	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
6/30/2024	32		(21,780.25)	675,187.83	(16,264.42)	504,197.07	(4,180.21)	129,586.61
7/31/2024	31		(21,780.25)	653,407.58	(16,264.42)	487,932.64	(4,180.21)	125,406.40
8/31/2024	30		(21,780.25)	631,627.33	(16,264.42)	471,668.22	(4,180.21)	121,226.19
9/30/2024	29		(21,780.25)	609,847.07	(16,264.42)	455,403.80	(4,180.21)	117,045.97
10/31/2024	28		(21,780.25)	588,066.82	(16,264.42)	439,139.38	(4,180.21)	112,865.76
11/30/2024	27		(21,780.25)	566,286.57	(16,264.42)	422,874.96	(4,180.21)	108,685.55
12/31/2024	26		(21,780.25)	544,506.32	(16,264.42)	406,610.54	(4,180.21)	104,505.33
1/31/2025	25		(21,780.25)	522,726.06	(16,264.42)	390,346.12	(4,180.21)	100,325.12
2/28/2025	24		(21,780.25)	500,945.81	(16,264.42)	374,081.69	(4,180.21)	96,144.91
3/31/2025	23		(21,780.25)	479,165.56	(16,264.42)	357,817.27	(4,180.21)	91,964.69
4/30/2025	22		(21,780.25)	457,385.31	(16,264.42)	341,552.85	(4,180.21)	87,784.48
5/31/2025	21		(21,780.25)	435,605.05	(16,264.42)	325,288.43	(4,180.21)	83,604.27
6/30/2025	20		(21,780.25)	413,824.80	(16,264.42)	309,024.01	(4,180.21)	79,424.05
7/31/2025	19		(21,780.25)	392,044.55	(16,264.42)	292,759.59	(4,180.21)	75,243.84
8/31/2025	18		(21,780.25)	370,264.30	(16,264.42)	276,495.17	(4,180.21)	71,063.63
9/30/2025	17		(21,780.25)	348,484.04	(16,264.42)	260,230.74	(4,180.21)	66,883.41
10/31/2025	16		(21,780.25)	326,703.79	(16,264.42)	243,966.32	(4,180.21)	62,703.20
11/30/2025	15		(21,780.25)	304,923.54	(16,264.42)	227,701.90	(4,180.21)	58,522.99
12/31/2025	14		(21,780.25)	283,143.28	(16,264.42)	211,437.48	(4,180.21)	54,342.77
1/31/2026	13		(21,780.25)	261,363.03	(16,264.42)	195,173.06	(4,180.21)	50,162.56
2/28/2026	12		(21,780.25)	239,582.78	(16,264.42)	178,908.64	(4,180.21)	45,982.35
3/31/2026	11		(21,780.25)	217,802.53	(16,264.42)	162,644.21	(4,180.21)	41,802.13
4/30/2026	10		(21,780.25)	196,022.27	(16,264.42)	146,379.79	(4,180.21)	37,621.92
5/31/2026	9		(21,780.25)	174,242.02	(16,264.42)	130,115.37	(4,180.21)	33,441.71
6/30/2026	8		(21,780.25)	152,461.77	(16,264.42)	113,850.95	(4,180.21)	29,261.49
7/31/2026	7		(21,780.25)	130,681.52	(16,264.42)	97,586.53	(4,180.21)	25,081.28
8/31/2026	6		(21,780.25)	108,901.26	(16,264.42)	81,322.11	(4,180.21)	20,901.07
9/30/2026	5		(21,780.25)	87,121.01	(16,264.42)	65,057.69	(4,180.21)	16,720.85
10/31/2026	4		(21,780.25)	65,340.76	(16,264.42)	48,793.26	(4,180.21)	12,540.64
11/30/2026	3		(21,780.25)	43,560.51	(16,264.42)	32,528.84	(4,180.21)	8,360.43
12/31/2026	2		(21,780.25)	21,780.25	(16,264.42)	16,264.42	(4,180.21)	4,180.21
1/31/2027	1		(21,780.25)	-	(16,264.42)	-	(4,180.21)	-
2/28/2027	0							
				<u>2,617,660.83</u>	<u>(2,617,660.83)</u>			<u>(504,265.00)</u>

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

\$400,000,000 3.95% General Mortgage Bonds, Series AB  
 Due March 1, 2048

		Cr GL275050 Dr GL708240	GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050		
		Issuance Costs			Discount		Treasury Locks		
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance	
Beq Balance		3,500,000.00		3,500,000.00		1,744,000.00		(5,207,401.00)	
2/28/2018	361	49,800.00	(327.77)	3,549,472.23	(161.03)	1,743,838.97	480.83	(5,206,920.17)	
3/31/2018	360	377,690.00	(10,908.78)	3,916,253.44	(4,844.00)	1,738,994.97	14,463.67	(5,192,456.50)	
4/30/2018	359	184,000.00	(11,421.32)	4,088,832.12	(4,844.00)	1,734,150.97	14,463.67	(5,177,992.83)	
5/31/2018	358	9,409.00	(11,447.60)	4,086,793.52	(4,844.00)	1,729,306.97	14,463.67	(5,163,529.17)	
6/30/2018	357	-	(11,447.60)	4,075,345.92	(4,844.00)	1,724,462.98	14,463.67	(5,149,065.50)	
7/31/2018	356	57,922.20	(11,610.30)	4,121,657.82	(4,844.00)	1,719,618.98	14,463.67	(5,134,601.83)	
8/31/2018	355	2,857.56	(11,618.35)	4,112,897.02	(4,844.00)	1,714,774.98	14,463.67	(5,120,138.17)	
9/30/2018	354	224,000.00	(12,251.12)	4,324,645.90	(4,844.00)	1,709,930.99	14,463.67	(5,105,674.50)	
10/31/2018	353		(12,251.12)	4,312,394.78	(4,844.00)	1,705,086.99	14,463.67	(5,091,210.83)	
11/30/2018	352		(12,251.12)	4,300,143.66	(4,844.00)	1,700,242.99	14,463.67	(5,076,747.16)	
12/31/2018	351		(12,251.12)	4,287,892.54	(4,844.00)	1,695,398.99	14,463.67	(5,062,283.50)	Unamortized Interest Rate Hedge Balance
1/31/2019	350		(12,251.12)	4,275,641.42	(4,844.00)	1,690,555.00	14,463.67	(5,047,819.83)	
2/28/2019	349		(12,251.12)	4,263,390.29	(4,844.00)	1,685,711.00	14,463.67	(5,033,356.16)	
3/31/2019	348		(12,251.12)	4,251,139.17	(4,844.00)	1,680,867.00	14,463.67	(5,018,892.50)	
4/30/2019	347		(12,251.12)	4,238,888.05	(4,844.00)	1,676,023.01	14,463.67	(5,004,428.83)	
5/31/2019	346		(12,251.12)	4,226,636.93	(4,844.00)	1,671,179.01	14,463.67	(4,989,965.16)	
6/30/2019	345		(12,251.12)	4,214,385.81	(4,844.00)	1,666,335.01	14,463.67	(4,975,501.49)	
7/31/2019	344		(12,251.12)	4,202,134.69	(4,844.00)	1,661,491.01	14,463.67	(4,961,037.83)	
8/31/2019	343		(12,251.12)	4,189,883.57	(4,844.00)	1,656,647.02	14,463.67	(4,946,574.16)	
9/30/2019	342		(12,251.12)	4,177,632.44	(4,844.00)	1,651,803.02	14,463.67	(4,932,110.49)	
10/31/2019	341		(12,251.12)	4,165,381.32	(4,844.00)	1,646,959.02	14,463.67	(4,917,646.83)	
11/30/2019	340		(12,251.12)	4,153,130.20	(4,844.00)	1,642,115.03	14,463.67	(4,903,183.16)	
12/31/2019	339		(12,251.12)	4,140,879.08	(4,844.00)	1,637,271.03	14,463.67	(4,888,719.49)	
1/31/2020	338		(12,251.12)	4,128,627.96	(4,844.00)	1,632,427.03	14,463.67	(4,874,255.82)	
2/29/2020	337		(12,251.12)	4,116,376.84	(4,844.00)	1,627,583.03	14,463.67	(4,859,792.16)	
3/31/2020	336		(12,251.12)	4,104,125.71	(4,844.00)	1,622,739.04	14,463.67	(4,845,328.49)	
4/30/2020	335		(12,251.12)	4,091,874.59	(4,844.00)	1,617,895.04	14,463.67	(4,830,864.82)	
5/31/2020	334		(12,251.12)	4,079,623.47	(4,844.00)	1,613,051.04	14,463.67	(4,816,401.16)	
6/30/2020	333		(12,251.12)	4,067,372.35	(4,844.00)	1,608,207.05	14,463.67	(4,801,937.49)	
7/31/2020	332		(12,251.12)	4,055,121.23	(4,844.00)	1,603,363.05	14,463.67	(4,787,473.82)	
8/31/2020	331		(12,251.12)	4,042,870.11	(4,844.00)	1,598,519.05	14,463.67	(4,773,010.15)	
9/30/2020	330		(12,251.12)	4,030,618.99	(4,844.00)	1,593,675.05	14,463.67	(4,758,546.49)	
10/31/2020	329		(12,251.12)	4,018,367.86	(4,844.00)	1,588,831.06	14,463.67	(4,744,082.82)	
11/30/2020	328		(12,251.12)	4,006,116.74	(4,844.00)	1,583,987.06	14,463.67	(4,729,619.15)	
12/31/2020	327		(12,251.12)	3,993,865.62	(4,844.00)	1,579,143.06	14,463.67	(4,715,155.49)	
1/31/2021	326		(12,251.12)	3,981,614.50	(4,844.00)	1,574,299.07	14,463.67	(4,700,691.82)	
2/28/2021	325		(12,251.12)	3,969,363.38	(4,844.00)	1,569,455.07	14,463.67	(4,686,228.15)	
3/31/2021	324		(12,251.12)	3,957,112.26	(4,844.00)	1,564,611.07	14,463.67	(4,671,764.48)	
4/30/2021	323		(12,251.12)	3,944,861.13	(4,844.00)	1,559,767.07	14,463.67	(4,657,300.82)	
5/31/2021	322		(12,251.12)	3,932,610.01	(4,844.00)	1,554,923.08	14,463.67	(4,642,837.15)	
6/30/2021	321		(12,251.12)	3,920,358.89	(4,844.00)	1,550,079.08	14,463.67	(4,628,373.48)	
7/31/2021	320		(12,251.12)	3,908,107.77	(4,844.00)	1,545,235.08	14,463.67	(4,613,909.82)	
8/31/2021	319		(12,251.12)	3,895,856.65	(4,844.00)	1,540,391.09	14,463.67	(4,599,446.15)	
9/30/2021	318		(12,251.12)	3,883,605.53	(4,844.00)	1,535,547.09	14,463.67	(4,584,982.48)	
10/31/2021	317		(12,251.12)	3,871,354.41	(4,844.00)	1,530,703.09	14,463.67	(4,570,518.81)	

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

\$400,000,000 3.95% General Mortgage Bonds, Series AB  
 Due: March 1, 2048

Date	Mo's Remaining	Addition	Cr GL275050	GL275050	CR G/L 275021	G/L 275021	Dr G/L 298050	G/L 298050
			Dr GL708240		Dr GL708160		Cr GL708050	
			Issuance Costs		Discount		Treasury Locks	
			Amortization	Balance	Amortization	Balance	Amortization	Balance
11/30/2021	316		(12,251.12)	3,859,103.28	(4,844.00)	1,525,859.10	14,463.67	(4,556,055.15)
12/31/2021	315		(12,251.12)	3,846,852.16	(4,844.00)	1,521,015.10	14,463.67	(4,541,591.48)
1/31/2022	314		(12,251.12)	3,834,601.04	(4,844.00)	1,516,171.10	14,463.67	(4,527,127.81)
2/28/2022	313		(12,251.12)	3,822,349.92	(4,844.00)	1,511,327.10	14,463.67	(4,512,664.15)
3/31/2022	312		(12,251.12)	3,810,098.80	(4,844.00)	1,506,483.11	14,463.67	(4,498,200.48)
4/30/2022	311		(12,251.12)	3,797,847.68	(4,844.00)	1,501,639.11	14,463.67	(4,483,736.81)
5/31/2022	310		(12,251.12)	3,785,596.55	(4,844.00)	1,496,795.11	14,463.67	(4,469,273.14)
6/30/2022	309		(12,251.12)	3,773,345.43	(4,844.00)	1,491,951.12	14,463.67	(4,454,809.48)
7/31/2022	308		(12,251.12)	3,761,094.31	(4,844.00)	1,487,107.12	14,463.67	(4,440,345.81)
8/31/2022	307		(12,251.12)	3,748,843.19	(4,844.00)	1,482,263.12	14,463.67	(4,425,882.14)
9/30/2022	306		(12,251.12)	3,736,592.07	(4,844.00)	1,477,419.12	14,463.67	(4,411,418.48)
10/31/2022	305		(12,251.12)	3,724,340.95	(4,844.00)	1,472,575.13	14,463.67	(4,396,954.81)
11/30/2022	304		(12,251.12)	3,712,089.83	(4,844.00)	1,467,731.13	14,463.67	(4,382,491.14)
12/31/2022	303		(12,251.12)	3,699,838.70	(4,844.00)	1,462,887.13	14,463.67	(4,368,027.48)
1/31/2023	302		(12,251.12)	3,687,587.58	(4,844.00)	1,458,043.14	14,463.67	(4,353,563.81)
2/28/2023	301		(12,251.12)	3,675,336.46	(4,844.00)	1,453,199.14	14,463.67	(4,339,100.14)
3/31/2023	300		(12,251.12)	3,663,085.34	(4,844.00)	1,448,355.14	14,463.67	(4,324,636.47)
4/30/2023	299		(12,251.12)	3,650,834.22	(4,844.00)	1,443,511.14	14,463.67	(4,310,172.81)
5/31/2023	298		(12,251.12)	3,638,583.10	(4,844.00)	1,438,667.15	14,463.67	(4,295,709.14)
6/30/2023	297		(12,251.12)	3,626,331.97	(4,844.00)	1,433,823.15	14,463.67	(4,281,245.47)
7/31/2023	296		(12,251.12)	3,614,080.85	(4,844.00)	1,428,979.15	14,463.67	(4,266,781.81)
8/31/2023	295		(12,251.12)	3,601,829.73	(4,844.00)	1,424,135.16	14,463.67	(4,252,318.14)
9/30/2023	294		(12,251.12)	3,589,578.61	(4,844.00)	1,419,291.16	14,463.67	(4,237,854.47)
10/31/2023	293		(12,251.12)	3,577,327.49	(4,844.00)	1,414,447.16	14,463.67	(4,223,390.80)
11/30/2023	292		(12,251.12)	3,565,076.37	(4,844.00)	1,409,603.16	14,463.67	(4,208,927.14)
12/31/2023	291		(12,251.12)	3,552,825.25	(4,844.00)	1,404,759.17	14,463.67	(4,194,463.47)
1/31/2024	290		(12,251.12)	3,540,574.12	(4,844.00)	1,399,915.17	14,463.67	(4,179,999.80)
2/29/2024	289		(12,251.12)	3,528,323.00	(4,844.00)	1,395,071.17	14,463.67	(4,165,536.14)
3/31/2024	288		(12,251.12)	3,516,071.88	(4,844.00)	1,390,227.18	14,463.67	(4,151,072.47)
4/30/2024	287		(12,251.12)	3,503,820.76	(4,844.00)	1,385,383.18	14,463.67	(4,136,608.80)
5/31/2024	286		(12,251.12)	3,491,569.64	(4,844.00)	1,380,539.18	14,463.67	(4,122,145.13)
6/30/2024	285		(12,251.12)	3,479,318.52	(4,844.00)	1,375,695.18	14,463.67	(4,107,681.47)
7/31/2024	284		(12,251.12)	3,467,067.39	(4,844.00)	1,370,851.19	14,463.67	(4,093,217.80)
8/31/2024	283		(12,251.12)	3,454,816.27	(4,844.00)	1,366,007.19	14,463.67	(4,078,754.13)
9/30/2024	282		(12,251.12)	3,442,565.15	(4,844.00)	1,361,163.19	14,463.67	(4,064,290.47)
10/31/2024	281		(12,251.12)	3,430,314.03	(4,844.00)	1,356,319.20	14,463.67	(4,049,826.80)
11/30/2024	280		(12,251.12)	3,418,062.91	(4,844.00)	1,351,475.20	14,463.67	(4,035,363.13)
12/31/2024	279		(12,251.12)	3,405,811.79	(4,844.00)	1,346,631.20	14,463.67	(4,020,899.46)
1/31/2025	278		(12,251.12)	3,393,560.67	(4,844.00)	1,341,787.20	14,463.67	(4,006,435.80)
2/28/2025	277		(12,251.12)	3,381,309.54	(4,844.00)	1,336,943.21	14,463.67	(3,991,972.13)
3/31/2025	276		(12,251.12)	3,369,058.42	(4,844.00)	1,332,099.21	14,463.67	(3,977,508.46)
4/30/2025	275		(12,251.12)	3,356,807.30	(4,844.00)	1,327,255.21	14,463.67	(3,963,044.80)
5/31/2025	274		(12,251.12)	3,344,556.18	(4,844.00)	1,322,411.22	14,463.67	(3,948,581.13)
6/30/2025	273		(12,251.12)	3,332,305.06	(4,844.00)	1,317,567.22	14,463.67	(3,934,117.46)
7/31/2025	272		(12,251.12)	3,320,053.94	(4,844.00)	1,312,723.22	14,463.67	(3,919,653.79)
8/31/2025	271		(12,251.12)	3,307,802.81	(4,844.00)	1,307,879.22	14,463.67	(3,905,190.13)

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

\$400,000,000 3.95% General Mortgage Bonds, Series AB  
 Due: March 1, 2048

Date	Mo's Remaining	Addition	Cr GL275050 Dr GL708240		Balance	GL275050		CR G/L 275021 Dr GL708160		Balance	G/L 275021		Dr G/L 298050 Cr GL708050		Balance	G/L 298050	
			Issuance Costs	Amortization		Amortization	Discount	Amortization	Treasury Locks								
9/30/2025	270		(12,251.12)		3,295,551.69		(4,844.00)		1,303,035.23		14,463.67			14,463.67		(3,890,726.46)	
10/31/2025	269		(12,251.12)		3,283,300.57		(4,844.00)		1,298,191.23		14,463.67			14,463.67		(3,876,262.79)	
11/30/2025	268		(12,251.12)		3,271,049.45		(4,844.00)		1,293,347.23		14,463.67			14,463.67		(3,861,799.13)	
12/31/2025	267		(12,251.12)		3,258,798.33		(4,844.00)		1,288,503.24		14,463.67			14,463.67		(3,847,335.46)	
1/31/2026	266		(12,251.12)		3,246,547.21		(4,844.00)		1,283,659.24		14,463.67			14,463.67		(3,832,871.79)	
2/28/2026	265		(12,251.12)		3,234,296.09		(4,844.00)		1,278,815.24		14,463.67			14,463.67		(3,818,408.12)	
3/31/2026	264		(12,251.12)		3,222,044.96		(4,844.00)		1,273,971.24		14,463.67			14,463.67		(3,803,944.46)	
4/30/2026	263		(12,251.12)		3,209,793.84		(4,844.00)		1,269,127.25		14,463.67			14,463.67		(3,789,480.79)	
5/31/2026	262		(12,251.12)		3,197,542.72		(4,844.00)		1,264,283.25		14,463.67			14,463.67		(3,775,017.12)	
6/30/2026	261		(12,251.12)		3,185,291.60		(4,844.00)		1,259,439.25		14,463.67			14,463.67		(3,760,553.46)	
7/31/2026	260		(12,251.12)		3,173,040.48		(4,844.00)		1,254,595.26		14,463.67			14,463.67		(3,746,089.79)	
8/31/2026	259		(12,251.12)		3,160,789.36		(4,844.00)		1,249,751.26		14,463.67			14,463.67		(3,731,626.12)	
9/30/2026	258		(12,251.12)		3,148,538.23		(4,844.00)		1,244,907.26		14,463.67			14,463.67		(3,717,162.45)	
10/31/2026	257		(12,251.12)		3,136,287.11		(4,844.00)		1,240,063.26		14,463.67			14,463.67		(3,702,698.79)	
11/30/2026	256		(12,251.12)		3,124,035.99		(4,844.00)		1,235,219.27		14,463.67			14,463.67		(3,688,235.12)	
12/31/2026	255		(12,251.12)		3,111,784.87		(4,844.00)		1,230,375.27		14,463.67			14,463.67		(3,673,771.45)	
1/31/2027	254		(12,251.12)		3,099,533.75		(4,844.00)		1,225,531.27		14,463.67			14,463.67		(3,659,307.79)	
2/28/2027	253		(12,251.12)		3,087,282.63		(4,844.00)		1,220,687.28		14,463.67			14,463.67		(3,644,844.12)	
3/31/2027	252		(12,251.12)		3,075,031.51		(4,844.00)		1,215,843.28		14,463.67			14,463.67		(3,630,380.45)	
4/30/2027	251		(12,251.12)		3,062,780.38		(4,844.00)		1,210,999.28		14,463.67			14,463.67		(3,615,916.78)	
5/31/2027	250		(12,251.12)		3,050,529.26		(4,844.00)		1,206,155.28		14,463.67			14,463.67		(3,601,453.12)	
6/30/2027	249		(12,251.12)		3,038,278.14		(4,844.00)		1,201,311.29		14,463.67			14,463.67		(3,586,989.45)	
7/31/2027	248		(12,251.12)		3,026,027.02		(4,844.00)		1,196,467.29		14,463.67			14,463.67		(3,572,525.78)	
8/31/2027	247		(12,251.12)		3,013,775.90		(4,844.00)		1,191,623.29		14,463.67			14,463.67		(3,558,062.12)	
9/30/2027	246		(12,251.12)		3,001,524.78		(4,844.00)		1,186,779.30		14,463.67			14,463.67		(3,543,598.45)	
10/31/2027	245		(12,251.12)		2,989,273.65		(4,844.00)		1,181,935.30		14,463.67			14,463.67		(3,529,134.78)	
11/30/2027	244		(12,251.12)		2,977,022.53		(4,844.00)		1,177,091.30		14,463.67			14,463.67		(3,514,671.11)	
12/31/2027	243		(12,251.12)		2,964,771.41		(4,844.00)		1,172,247.30		14,463.67			14,463.67		(3,500,207.45)	
1/31/2028	242		(12,251.12)		2,952,520.29		(4,844.00)		1,167,403.31		14,463.67			14,463.67		(3,485,743.78)	
2/29/2028	241		(12,251.12)		2,940,269.17		(4,844.00)		1,162,559.31		14,463.67			14,463.67		(3,471,280.11)	
3/31/2028	240		(12,251.12)		2,928,018.05		(4,844.00)		1,157,715.31		14,463.67			14,463.67		(3,456,816.45)	
4/30/2028	239		(12,251.12)		2,915,766.93		(4,844.00)		1,152,871.32		14,463.67			14,463.67		(3,442,352.78)	
5/31/2028	238		(12,251.12)		2,903,515.80		(4,844.00)		1,148,027.32		14,463.67			14,463.67		(3,427,889.11)	
6/30/2028	237		(12,251.12)		2,891,264.68		(4,844.00)		1,143,183.32		14,463.67			14,463.67		(3,413,425.44)	
7/31/2028	236		(12,251.12)		2,879,013.56		(4,844.00)		1,138,339.32		14,463.67			14,463.67		(3,398,961.78)	
8/31/2028	235		(12,251.12)		2,866,762.44		(4,844.00)		1,133,495.33		14,463.67			14,463.67		(3,384,498.11)	
9/30/2028	234		(12,251.12)		2,854,511.32		(4,844.00)		1,128,651.33		14,463.67			14,463.67		(3,370,034.44)	
10/31/2028	233		(12,251.12)		2,842,260.20		(4,844.00)		1,123,807.33		14,463.67			14,463.67		(3,355,570.78)	
11/30/2028	232		(12,251.12)		2,830,009.07		(4,844.00)		1,118,963.34		14,463.67			14,463.67		(3,341,107.11)	
12/31/2028	231		(12,251.12)		2,817,757.95		(4,844.00)		1,114,119.34		14,463.67			14,463.67		(3,326,643.44)	
1/31/2029	230		(12,251.12)		2,805,506.83		(4,844.00)		1,109,275.34		14,463.67			14,463.67		(3,312,179.77)	
2/28/2029	229		(12,251.12)		2,793,255.71		(4,844.00)		1,104,431.35		14,463.67			14,463.67		(3,297,716.11)	
3/31/2029	228		(12,251.12)		2,781,004.59		(4,844.00)		1,099,587.35		14,463.67			14,463.67		(3,283,252.44)	
4/30/2029	227		(12,251.12)		2,768,753.47		(4,844.00)		1,094,743.35		14,463.67			14,463.67		(3,268,788.77)	
5/31/2029	226		(12,251.12)		2,756,502.35		(4,844.00)		1,089,899.35		14,463.67			14,463.67		(3,254,325.11)	
6/30/2029	225		(12,251.12)		2,744,251.22		(4,844.00)		1,085,055.36		14,463.67			14,463.67		(3,239,861.44)	



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

\$400,000,000 3 95% General Mortgage Bonds, Series AB  
 Due March 1, 2048

Date	Mo's Remaining	Addition	Cr GL275050 Dr GL708240		Balance	GL275050		CR G/L 275021 Dr GL708160		Balance	G/L 275021		Dr G/L 298050 Cr GL708050		Balance	G/L 298050	
			Issuance Costs	Amortization		Discount	Amortization	Treasury Locks	Amortization		Balance	Amortization	Balance				
7/31/2029	224		(12,251.12)		2,732,000.10	(4,844.00)		1,080,211.36		14,463.67					14,463.67		(3,225,397.77)
8/31/2029	223		(12,251.12)		2,719,748.98	(4,844.00)		1,075,367.36		14,463.67					14,463.67		(3,210,934.10)
9/30/2029	222		(12,251.12)		2,707,497.86	(4,844.00)		1,070,523.37		14,463.67					14,463.67		(3,196,470.44)
10/31/2029	221		(12,251.12)		2,695,246.74	(4,844.00)		1,065,679.37		14,463.67					14,463.67		(3,182,006.77)
11/30/2029	220		(12,251.12)		2,682,995.62	(4,844.00)		1,060,835.37		14,463.67					14,463.67		(3,167,543.10)
12/31/2029	219		(12,251.12)		2,670,744.49	(4,844.00)		1,055,991.37		14,463.67					14,463.67		(3,153,079.44)
1/31/2030	218		(12,251.12)		2,658,493.37	(4,844.00)		1,051,147.38		14,463.67					14,463.67		(3,138,615.77)
2/28/2030	217		(12,251.12)		2,646,242.25	(4,844.00)		1,046,303.38		14,463.67					14,463.67		(3,124,152.10)
3/31/2030	216		(12,251.12)		2,633,991.13	(4,844.00)		1,041,459.38		14,463.67					14,463.67		(3,109,688.43)
4/30/2030	215		(12,251.12)		2,621,740.01	(4,844.00)		1,036,615.39		14,463.67					14,463.67		(3,095,224.77)
5/31/2030	214		(12,251.12)		2,609,488.89	(4,844.00)		1,031,771.39		14,463.67					14,463.67		(3,080,761.10)
6/30/2030	213		(12,251.12)		2,597,237.77	(4,844.00)		1,026,927.39		14,463.67					14,463.67		(3,066,297.43)
7/31/2030	212		(12,251.12)		2,584,986.64	(4,844.00)		1,022,083.39		14,463.67					14,463.67		(3,051,833.77)
8/31/2030	211		(12,251.12)		2,572,735.52	(4,844.00)		1,017,239.40		14,463.67					14,463.67		(3,037,370.10)
9/30/2030	210		(12,251.12)		2,560,484.40	(4,844.00)		1,012,395.40		14,463.67					14,463.67		(3,022,906.43)
10/31/2030	209		(12,251.12)		2,548,233.28	(4,844.00)		1,007,551.40		14,463.67					14,463.67		(3,008,442.76)
11/30/2030	208		(12,251.12)		2,535,982.16	(4,844.00)		1,002,707.41		14,463.67					14,463.67		(2,993,979.10)
12/31/2030	207		(12,251.12)		2,523,731.04	(4,844.00)		997,863.41		14,463.67					14,463.67		(2,979,515.43)
1/31/2031	206		(12,251.12)		2,511,479.91	(4,844.00)		993,019.41		14,463.67					14,463.67		(2,965,051.76)
2/28/2031	205		(12,251.12)		2,499,228.79	(4,844.00)		988,175.41		14,463.67					14,463.67		(2,950,588.10)
3/31/2031	204		(12,251.12)		2,486,977.67	(4,844.00)		983,331.42		14,463.67					14,463.67		(2,936,124.43)
4/30/2031	203		(12,251.12)		2,474,726.55	(4,844.00)		978,487.42		14,463.67					14,463.67		(2,921,660.76)
5/31/2031	202		(12,251.12)		2,462,475.43	(4,844.00)		973,643.42		14,463.67					14,463.67		(2,907,197.09)
6/30/2031	201		(12,251.12)		2,450,224.31	(4,844.00)		968,799.43		14,463.67					14,463.67		(2,892,733.43)
7/31/2031	200		(12,251.12)		2,437,973.19	(4,844.00)		963,955.43		14,463.67					14,463.67		(2,878,269.76)
8/31/2031	199		(12,251.12)		2,425,722.06	(4,844.00)		959,111.43		14,463.67					14,463.67		(2,863,806.09)
9/30/2031	198		(12,251.12)		2,413,470.94	(4,844.00)		954,267.43		14,463.67					14,463.67		(2,849,342.43)
10/31/2031	197		(12,251.12)		2,401,219.82	(4,844.00)		949,423.44		14,463.67					14,463.67		(2,834,878.76)
11/30/2031	196		(12,251.12)		2,388,968.70	(4,844.00)		944,579.44		14,463.67					14,463.67		(2,820,415.09)
12/31/2031	195		(12,251.12)		2,376,717.58	(4,844.00)		939,735.44		14,463.67					14,463.67		(2,805,951.42)
1/31/2032	194		(12,251.12)		2,364,466.46	(4,844.00)		934,891.45		14,463.67					14,463.67		(2,791,487.76)
2/29/2032	193		(12,251.12)		2,352,215.33	(4,844.00)		930,047.45		14,463.67					14,463.67		(2,777,024.09)
3/31/2032	192		(12,251.12)		2,339,964.21	(4,844.00)		925,203.45		14,463.67					14,463.67		(2,762,560.42)
4/30/2032	191		(12,251.12)		2,327,713.09	(4,844.00)		920,359.45		14,463.67					14,463.67		(2,748,096.76)
5/31/2032	190		(12,251.12)		2,315,461.97	(4,844.00)		915,515.46		14,463.67					14,463.67		(2,733,633.09)
6/30/2032	189		(12,251.12)		2,303,210.85	(4,844.00)		910,671.46		14,463.67					14,463.67		(2,719,169.42)
7/31/2032	188		(12,251.12)		2,290,959.73	(4,844.00)		905,827.46		14,463.67					14,463.67		(2,704,705.75)
8/31/2032	187		(12,251.12)		2,278,708.61	(4,844.00)		900,983.47		14,463.67					14,463.67		(2,690,242.09)
9/30/2032	186		(12,251.12)		2,266,457.48	(4,844.00)		896,139.47		14,463.67					14,463.67		(2,675,778.42)
10/31/2032	185		(12,251.12)		2,254,206.36	(4,844.00)		891,295.47		14,463.67					14,463.67		(2,661,314.75)
11/30/2032	184		(12,251.12)		2,241,955.24	(4,844.00)		886,451.47		14,463.67					14,463.67		(2,646,851.09)
12/31/2032	183		(12,251.12)		2,229,704.12	(4,844.00)		881,607.48		14,463.67					14,463.67		(2,632,387.42)
1/31/2033	182		(12,251.12)		2,217,453.00	(4,844.00)		876,763.48		14,463.67					14,463.67		(2,617,923.75)
2/28/2033	181		(12,251.12)		2,205,201.88	(4,844.00)		871,919.48		14,463.67					14,463.67		(2,603,460.08)
3/31/2033	180		(12,251.12)		2,192,950.76	(4,844.00)		867,075.49		14,463.67					14,463.67		(2,588,996.42)
4/30/2033	179		(12,251.12)		2,180,699.63	(4,844.00)		862,231.49		14,463.67					14,463.67		(2,574,532.75)

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

\$400,000,000 3.95% General Mortgage Bonds, Series AB  
 Due: March 1, 2048

		Cr GL275050 Dr GL708240		GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050
		Issuance Costs			Discount		Treasury Locks	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
5/31/2033	178		(12,251.12)	2,168,448.51	(4,844.00)	857,387.49	14,463.67	(2,560,069.08)
6/30/2033	177		(12,251.12)	2,156,197.39	(4,844.00)	852,543.49	14,463.67	(2,545,605.42)
7/31/2033	176		(12,251.12)	2,143,946.27	(4,844.00)	847,699.50	14,463.67	(2,531,141.75)
8/31/2033	175		(12,251.12)	2,131,695.15	(4,844.00)	842,855.50	14,463.67	(2,516,678.08)
9/30/2033	174		(12,251.12)	2,119,444.03	(4,844.00)	838,011.50	14,463.67	(2,502,214.41)
10/31/2033	173		(12,251.12)	2,107,192.90	(4,844.00)	833,167.51	14,463.67	(2,487,750.75)
11/30/2033	172		(12,251.12)	2,094,941.78	(4,844.00)	828,323.51	14,463.67	(2,473,287.08)
12/31/2033	171		(12,251.12)	2,082,690.66	(4,844.00)	823,479.51	14,463.67	(2,458,823.41)
1/31/2034	170		(12,251.12)	2,070,439.54	(4,844.00)	818,635.51	14,463.67	(2,444,359.75)
2/28/2034	169		(12,251.12)	2,058,188.42	(4,844.00)	813,791.52	14,463.67	(2,429,896.08)
3/31/2034	168		(12,251.12)	2,045,937.30	(4,844.00)	808,947.52	14,463.67	(2,415,432.41)
4/30/2034	167		(12,251.12)	2,033,686.18	(4,844.00)	804,103.52	14,463.67	(2,400,968.74)
5/31/2034	166		(12,251.12)	2,021,435.05	(4,844.00)	799,259.53	14,463.67	(2,386,505.08)
6/30/2034	165		(12,251.12)	2,009,183.93	(4,844.00)	794,415.53	14,463.67	(2,372,041.41)
7/31/2034	164		(12,251.12)	1,996,932.81	(4,844.00)	789,571.53	14,463.67	(2,357,577.74)
8/31/2034	163		(12,251.12)	1,984,681.69	(4,844.00)	784,727.53	14,463.67	(2,343,114.08)
9/30/2034	162		(12,251.12)	1,972,430.57	(4,844.00)	779,883.54	14,463.67	(2,328,650.41)
10/31/2034	161		(12,251.12)	1,960,179.45	(4,844.00)	775,039.54	14,463.67	(2,314,186.74)
11/30/2034	160		(12,251.12)	1,947,928.32	(4,844.00)	770,195.54	14,463.67	(2,299,723.07)
12/31/2034	159		(12,251.12)	1,935,677.20	(4,844.00)	765,351.55	14,463.67	(2,285,259.41)
1/31/2035	158		(12,251.12)	1,923,426.08	(4,844.00)	760,507.55	14,463.67	(2,270,795.74)
2/28/2035	157		(12,251.12)	1,911,174.96	(4,844.00)	755,663.55	14,463.67	(2,256,332.07)
3/31/2035	156		(12,251.12)	1,898,923.84	(4,844.00)	750,819.55	14,463.67	(2,241,868.41)
4/30/2035	155		(12,251.12)	1,886,672.72	(4,844.00)	745,975.56	14,463.67	(2,227,404.74)
5/31/2035	154		(12,251.12)	1,874,421.60	(4,844.00)	741,131.56	14,463.67	(2,212,941.07)
6/30/2035	153		(12,251.12)	1,862,170.47	(4,844.00)	736,287.56	14,463.67	(2,198,477.40)
7/31/2035	152		(12,251.12)	1,849,919.35	(4,844.00)	731,443.57	14,463.67	(2,184,013.74)
8/31/2035	151		(12,251.12)	1,837,668.23	(4,844.00)	726,599.57	14,463.67	(2,169,550.07)
9/30/2035	150		(12,251.12)	1,825,417.11	(4,844.00)	721,755.57	14,463.67	(2,155,086.40)
10/31/2035	149		(12,251.12)	1,813,165.99	(4,844.00)	716,911.57	14,463.67	(2,140,622.74)
11/30/2035	148		(12,251.12)	1,800,914.87	(4,844.00)	712,067.58	14,463.67	(2,126,159.07)
12/31/2035	147		(12,251.12)	1,788,663.74	(4,844.00)	707,223.58	14,463.67	(2,111,695.40)
1/31/2036	146		(12,251.12)	1,776,412.62	(4,844.00)	702,379.58	14,463.67	(2,097,231.73)
2/29/2036	145		(12,251.12)	1,764,161.50	(4,844.00)	697,535.59	14,463.67	(2,082,768.07)
3/31/2036	144		(12,251.12)	1,751,910.38	(4,844.00)	692,691.59	14,463.67	(2,068,304.40)
4/30/2036	143		(12,251.12)	1,739,659.26	(4,844.00)	687,847.59	14,463.67	(2,053,840.73)
5/31/2036	142		(12,251.12)	1,727,408.14	(4,844.00)	683,003.59	14,463.67	(2,039,377.07)
6/30/2036	141		(12,251.12)	1,715,157.02	(4,844.00)	678,159.59	14,463.67	(2,024,913.40)
7/31/2036	140		(12,251.12)	1,702,905.89	(4,844.00)	673,315.60	14,463.67	(2,010,449.73)
8/31/2036	139		(12,251.12)	1,690,654.77	(4,844.00)	668,471.60	14,463.67	(1,995,986.06)
9/30/2036	138		(12,251.12)	1,678,403.65	(4,844.00)	663,627.61	14,463.67	(1,981,522.40)
10/31/2036	137		(12,251.12)	1,666,152.53	(4,844.00)	658,783.61	14,463.67	(1,967,058.73)
11/30/2036	136		(12,251.12)	1,653,901.41	(4,844.00)	653,939.61	14,463.67	(1,952,595.06)
12/31/2036	135		(12,251.12)	1,641,650.29	(4,844.00)	649,095.62	14,463.67	(1,938,131.40)
1/31/2037	134		(12,251.12)	1,629,399.16	(4,844.00)	644,251.62	14,463.67	(1,923,667.73)
2/28/2037	133		(12,251.12)	1,617,148.04	(4,844.00)	639,407.62	14,463.67	(1,909,204.06)

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

\$400,000,000 3 95% General Mortgage Bonds, Series AB  
 Due: March 1, 2048

Date	Mo's Remaining	Addition	Cr GL275050	GL275050	CR G/L 275021	G/L 275021	Dr G/L 298050	G/L 298050
			Dr GL708240		Dr GL708160		Cr GL708050	
			Issuance Costs		Discount		Treasury Locks	
			Amortization	Balance	Amortization	Balance	Amortization	Balance
3/31/2037	132		(12,251.12)	1,604,896.92	(4,844.00)	634,563.62	14,463.67	(1,894,740.39)
4/30/2037	131		(12,251.12)	1,592,645.80	(4,844.00)	629,719.63	14,463.67	(1,880,276.73)
5/31/2037	130		(12,251.12)	1,580,394.68	(4,844.00)	624,875.63	14,463.67	(1,865,813.06)
6/30/2037	129		(12,251.12)	1,568,143.56	(4,844.00)	620,031.63	14,463.67	(1,851,349.39)
7/31/2037	128		(12,251.12)	1,555,892.44	(4,844.00)	615,187.64	14,463.67	(1,836,885.73)
8/31/2037	127		(12,251.12)	1,543,641.31	(4,844.00)	610,343.64	14,463.67	(1,822,422.06)
9/30/2037	126		(12,251.12)	1,531,390.19	(4,844.00)	605,499.64	14,463.67	(1,807,958.39)
10/31/2037	125		(12,251.12)	1,519,139.07	(4,844.00)	600,655.64	14,463.67	(1,793,494.72)
11/30/2037	124		(12,251.12)	1,506,887.95	(4,844.00)	595,811.65	14,463.67	(1,779,031.06)
12/31/2037	123		(12,251.12)	1,494,636.83	(4,844.00)	590,967.65	14,463.67	(1,764,567.39)
1/31/2038	122		(12,251.12)	1,482,385.71	(4,844.00)	586,123.65	14,463.67	(1,750,103.72)
2/28/2038	121		(12,251.12)	1,470,134.58	(4,844.00)	581,279.66	14,463.67	(1,735,640.06)
3/31/2038	120		(12,251.12)	1,457,883.46	(4,844.00)	576,435.66	14,463.67	(1,721,176.39)
4/30/2038	119		(12,251.12)	1,445,632.34	(4,844.00)	571,591.66	14,463.67	(1,706,712.72)
5/31/2038	118		(12,251.12)	1,433,381.22	(4,844.00)	566,747.66	14,463.67	(1,692,249.05)
6/30/2038	117		(12,251.12)	1,421,130.10	(4,844.00)	561,903.67	14,463.67	(1,677,785.39)
7/31/2038	116		(12,251.12)	1,408,878.98	(4,844.00)	557,059.67	14,463.67	(1,663,321.72)
8/31/2038	115		(12,251.12)	1,396,627.86	(4,844.00)	552,215.67	14,463.67	(1,648,858.05)
9/30/2038	114		(12,251.12)	1,384,376.73	(4,844.00)	547,371.68	14,463.67	(1,634,394.39)
10/31/2038	113		(12,251.12)	1,372,125.61	(4,844.00)	542,527.68	14,463.67	(1,619,930.72)
11/30/2038	112		(12,251.12)	1,359,874.49	(4,844.00)	537,683.68	14,463.67	(1,605,467.05)
12/31/2038	111		(12,251.12)	1,347,623.37	(4,844.00)	532,839.68	14,463.67	(1,591,003.38)
1/31/2039	110		(12,251.12)	1,335,372.25	(4,844.00)	527,995.69	14,463.67	(1,576,539.72)
2/28/2039	109		(12,251.12)	1,323,121.13	(4,844.00)	523,151.69	14,463.67	(1,562,076.05)
3/31/2039	108		(12,251.12)	1,310,870.00	(4,844.00)	518,307.69	14,463.67	(1,547,612.38)
4/30/2039	107		(12,251.12)	1,298,618.88	(4,844.00)	513,463.70	14,463.67	(1,533,148.72)
5/31/2039	106		(12,251.12)	1,286,367.76	(4,844.00)	508,619.70	14,463.67	(1,518,685.05)
6/30/2039	105		(12,251.12)	1,274,116.64	(4,844.00)	503,775.70	14,463.67	(1,504,221.38)
7/31/2039	104		(12,251.12)	1,261,865.52	(4,844.00)	498,931.70	14,463.67	(1,489,757.71)
8/31/2039	103		(12,251.12)	1,249,614.40	(4,844.00)	494,087.71	14,463.67	(1,475,294.05)
9/30/2039	102		(12,251.12)	1,237,363.28	(4,844.00)	489,243.71	14,463.67	(1,460,830.38)
10/31/2039	101		(12,251.12)	1,225,112.15	(4,844.00)	484,399.71	14,463.67	(1,446,366.71)
11/30/2039	100		(12,251.12)	1,212,861.03	(4,844.00)	479,555.72	14,463.67	(1,431,903.05)
12/31/2039	99		(12,251.12)	1,200,609.91	(4,844.00)	474,711.72	14,463.67	(1,417,439.38)
1/31/2040	98		(12,251.12)	1,188,358.79	(4,844.00)	469,867.72	14,463.67	(1,402,975.71)
2/29/2040	97		(12,251.12)	1,176,107.67	(4,844.00)	465,023.72	14,463.67	(1,388,512.05)
3/31/2040	96		(12,251.12)	1,163,856.55	(4,844.00)	460,179.73	14,463.67	(1,374,048.38)
4/30/2040	95		(12,251.12)	1,151,605.42	(4,844.00)	455,335.73	14,463.67	(1,359,584.71)
5/31/2040	94		(12,251.12)	1,139,354.30	(4,844.00)	450,491.73	14,463.67	(1,345,121.04)
6/30/2040	93		(12,251.12)	1,127,103.18	(4,844.00)	445,647.74	14,463.67	(1,330,657.38)
7/31/2040	92		(12,251.12)	1,114,852.06	(4,844.00)	440,803.74	14,463.67	(1,316,193.71)
8/31/2040	91		(12,251.12)	1,102,600.94	(4,844.00)	435,959.74	14,463.67	(1,301,730.04)
9/30/2040	90		(12,251.12)	1,090,349.82	(4,844.00)	431,115.74	14,463.67	(1,287,266.38)
10/31/2040	89		(12,251.12)	1,078,098.70	(4,844.00)	426,271.75	14,463.67	(1,272,802.71)
11/30/2040	88		(12,251.12)	1,065,847.57	(4,844.00)	421,427.75	14,463.67	(1,258,339.04)
12/31/2040	87		(12,251.12)	1,053,596.45	(4,844.00)	416,583.75	14,463.67	(1,243,875.37)

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		Cr GL275050 Dr GL708240		GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050
		Issuance Costs			Discount		Treasury Locks	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
1/31/2041	86		(12,251.12)	1,041,345.33	(4,844.00)	411,739.76	14,463.67	(1,229,411.71)
2/28/2041	85		(12,251.12)	1,029,094.21	(4,844.00)	406,895.76	14,463.67	(1,214,948.04)
3/31/2041	84		(12,251.12)	1,016,843.09	(4,844.00)	402,051.76	14,463.67	(1,200,484.37)
4/30/2041	83		(12,251.12)	1,004,591.97	(4,844.00)	397,207.76	14,463.67	(1,186,020.71)
5/31/2041	82		(12,251.12)	992,340.84	(4,844.00)	392,363.77	14,463.67	(1,171,557.04)
6/30/2041	81		(12,251.12)	980,089.72	(4,844.00)	387,519.77	14,463.67	(1,157,093.37)
7/31/2041	80		(12,251.12)	967,838.60	(4,844.00)	382,675.77	14,463.67	(1,142,629.70)
8/31/2041	79		(12,251.12)	955,587.48	(4,844.00)	377,831.78	14,463.67	(1,128,166.04)
9/30/2041	78		(12,251.12)	943,336.36	(4,844.00)	372,987.78	14,463.67	(1,113,702.37)
10/31/2041	77		(12,251.12)	931,085.24	(4,844.00)	368,143.78	14,463.67	(1,099,238.70)
11/30/2041	76		(12,251.12)	918,834.12	(4,844.00)	363,299.78	14,463.67	(1,084,775.04)
12/31/2041	75		(12,251.12)	906,582.99	(4,844.00)	358,455.79	14,463.67	(1,070,311.37)
1/31/2042	74		(12,251.12)	894,331.87	(4,844.00)	353,611.79	14,463.67	(1,055,847.70)
2/28/2042	73		(12,251.12)	882,080.75	(4,844.00)	348,767.79	14,463.67	(1,041,384.03)
3/31/2042	72		(12,251.12)	869,829.63	(4,844.00)	343,923.80	14,463.67	(1,026,920.37)
4/30/2042	71		(12,251.12)	857,578.51	(4,844.00)	339,079.80	14,463.67	(1,012,456.70)
5/31/2042	70		(12,251.12)	845,327.39	(4,844.00)	334,235.80	14,463.67	(997,993.03)
6/30/2042	69		(12,251.12)	833,076.26	(4,844.00)	329,391.80	14,463.67	(983,529.37)
7/31/2042	68		(12,251.12)	820,825.14	(4,844.00)	324,547.81	14,463.67	(969,065.70)
8/31/2042	67		(12,251.12)	808,574.02	(4,844.00)	319,703.81	14,463.67	(954,602.03)
9/30/2042	66		(12,251.12)	796,322.90	(4,844.00)	314,859.81	14,463.67	(940,138.36)
10/31/2042	65		(12,251.12)	784,071.78	(4,844.00)	310,015.82	14,463.67	(925,674.70)
11/30/2042	64		(12,251.12)	771,820.66	(4,844.00)	305,171.82	14,463.67	(911,211.03)
12/31/2042	63		(12,251.12)	759,569.54	(4,844.00)	300,327.82	14,463.67	(896,747.36)
1/31/2043	62		(12,251.12)	747,318.41	(4,844.00)	295,483.82	14,463.67	(882,283.70)
2/28/2043	61		(12,251.12)	735,067.29	(4,844.00)	290,639.83	14,463.67	(867,820.03)
3/31/2043	60		(12,251.12)	722,816.17	(4,844.00)	285,795.83	14,463.67	(853,356.36)
4/30/2043	59		(12,251.12)	710,565.05	(4,844.00)	280,951.83	14,463.67	(838,892.69)
5/31/2043	58		(12,251.12)	698,313.93	(4,844.00)	276,107.84	14,463.67	(824,429.03)
6/30/2043	57		(12,251.12)	686,062.81	(4,844.00)	271,263.84	14,463.67	(809,965.36)
7/31/2043	56		(12,251.12)	673,811.68	(4,844.00)	266,419.84	14,463.67	(795,501.69)
8/31/2043	55		(12,251.12)	661,560.56	(4,844.00)	261,575.84	14,463.67	(781,038.03)
9/30/2043	54		(12,251.12)	649,309.44	(4,844.00)	256,731.85	14,463.67	(766,574.36)
10/31/2043	53		(12,251.12)	637,058.32	(4,844.00)	251,887.85	14,463.67	(752,110.69)
11/30/2043	52		(12,251.12)	624,807.20	(4,844.00)	247,043.85	14,463.67	(737,647.02)
12/31/2043	51		(12,251.12)	612,556.08	(4,844.00)	242,199.86	14,463.67	(723,183.36)
1/31/2044	50		(12,251.12)	600,304.96	(4,844.00)	237,355.86	14,463.67	(708,719.69)
2/29/2044	49		(12,251.12)	588,053.83	(4,844.00)	232,511.86	14,463.67	(694,256.02)
3/31/2044	48		(12,251.12)	575,802.71	(4,844.00)	227,667.86	14,463.67	(679,792.36)
4/30/2044	47		(12,251.12)	563,551.59	(4,844.00)	222,823.87	14,463.67	(665,328.69)
5/31/2044	46		(12,251.12)	551,300.47	(4,844.00)	217,979.87	14,463.67	(650,865.02)
6/30/2044	45		(12,251.12)	539,049.35	(4,844.00)	213,135.87	14,463.67	(636,401.35)
7/31/2044	44		(12,251.12)	526,798.23	(4,844.00)	208,291.88	14,463.67	(621,937.69)
8/31/2044	43		(12,251.12)	514,547.10	(4,844.00)	203,447.88	14,463.67	(607,474.02)
9/30/2044	42		(12,251.12)	502,295.98	(4,844.00)	198,603.88	14,463.67	(593,010.35)
10/31/2044	41		(12,251.12)	490,044.86	(4,844.00)	193,759.89	14,463.67	(578,546.69)

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

\$400,000,000 3.95% General Mortgage Bonds, Series AB  
 Due: March 1, 2048

		Cr GL275050 Dr GL708240	GL275050	CR G/L 275021 Dr GL708160	G/L 275021	Dr G/L 298050 Cr GL708050	G/L 298050	
		Issuance Costs		Discount		Treasury Locks		
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
11/30/2044	40		(12,251.12)	477,793.74	(4,844.00)	188,915.89	14,463.67	(564,083.02)
12/31/2044	39		(12,251.12)	465,542.62	(4,844.00)	184,071.89	14,463.67	(549,619.35)
1/31/2045	38		(12,251.12)	453,291.50	(4,844.00)	179,227.89	14,463.67	(535,155.68)
2/28/2045	37		(12,251.12)	441,040.38	(4,844.00)	174,383.90	14,463.67	(520,692.02)
3/31/2045	36		(12,251.12)	428,789.25	(4,844.00)	169,539.90	14,463.67	(506,228.35)
4/30/2045	35		(12,251.12)	416,538.13	(4,844.00)	164,695.90	14,463.67	(491,764.68)
5/31/2045	34		(12,251.12)	404,287.01	(4,844.00)	159,851.91	14,463.67	(477,301.02)
6/30/2045	33		(12,251.12)	392,035.89	(4,844.00)	155,007.91	14,463.67	(462,837.35)
7/31/2045	32		(12,251.12)	379,784.77	(4,844.00)	150,163.91	14,463.67	(448,373.68)
8/31/2045	31		(12,251.12)	367,533.65	(4,844.00)	145,319.91	14,463.67	(433,910.01)
9/30/2045	30		(12,251.12)	355,282.52	(4,844.00)	140,475.92	14,463.67	(419,446.35)
10/31/2045	29		(12,251.12)	343,031.40	(4,844.00)	135,631.92	14,463.67	(404,982.68)
11/30/2045	28		(12,251.12)	330,780.28	(4,844.00)	130,787.92	14,463.67	(390,519.01)
12/31/2045	27		(12,251.12)	318,529.16	(4,844.00)	125,943.93	14,463.67	(376,055.35)
1/31/2046	26		(12,251.12)	306,278.04	(4,844.00)	121,099.93	14,463.67	(361,591.68)
2/28/2046	25		(12,251.12)	294,026.92	(4,844.00)	116,255.93	14,463.67	(347,128.01)
3/31/2046	24		(12,251.12)	281,775.80	(4,844.00)	111,411.93	14,463.67	(332,664.34)
4/30/2046	23		(12,251.12)	269,524.67	(4,844.00)	106,567.94	14,463.67	(318,200.68)
5/31/2046	22		(12,251.12)	257,273.55	(4,844.00)	101,723.94	14,463.67	(303,737.01)
6/30/2046	21		(12,251.12)	245,022.43	(4,844.00)	96,879.94	14,463.67	(289,273.34)
7/31/2046	20		(12,251.12)	232,771.31	(4,844.00)	92,035.95	14,463.67	(274,809.68)
8/31/2046	19		(12,251.12)	220,520.19	(4,844.00)	87,191.95	14,463.67	(260,346.01)
9/30/2046	18		(12,251.12)	208,269.07	(4,844.00)	82,347.95	14,463.67	(245,882.34)
10/31/2046	17		(12,251.12)	196,017.94	(4,844.00)	77,503.95	14,463.67	(231,418.67)
11/30/2046	16		(12,251.12)	183,766.82	(4,844.00)	72,659.96	14,463.67	(216,955.01)
12/31/2046	15		(12,251.12)	171,515.70	(4,844.00)	67,815.96	14,463.67	(202,491.34)
1/31/2047	14		(12,251.12)	159,264.58	(4,844.00)	62,971.96	14,463.67	(188,027.67)
2/28/2047	13		(12,251.12)	147,013.46	(4,844.00)	58,127.97	14,463.67	(173,564.01)
3/31/2047	12		(12,251.12)	134,762.34	(4,844.00)	53,283.97	14,463.67	(159,100.34)
4/30/2047	11		(12,251.12)	122,511.22	(4,844.00)	48,439.97	14,463.67	(144,636.67)
5/31/2047	10		(12,251.12)	110,260.09	(4,844.00)	43,595.97	14,463.67	(130,173.00)
6/30/2047	9		(12,251.12)	98,008.97	(4,844.00)	38,751.98	14,463.67	(115,709.34)
7/31/2047	8		(12,251.12)	85,757.85	(4,844.00)	33,907.98	14,463.67	(101,245.67)
8/31/2047	7		(12,251.12)	73,506.73	(4,844.00)	29,063.98	14,463.67	(86,782.00)
9/30/2047	6		(12,251.12)	61,255.61	(4,844.00)	24,219.99	14,463.67	(72,318.34)
10/31/2047	5		(12,251.12)	49,004.49	(4,844.00)	19,375.99	14,463.67	(57,854.67)
11/30/2047	4		(12,251.12)	36,753.36	(4,844.00)	14,531.99	14,463.67	(43,391.00)
12/31/2047	3		(12,251.12)	24,502.24	(4,844.00)	9,687.99	14,463.67	(28,927.33)
1/31/2048	2		(12,251.12)	12,251.12	(4,844.00)	4,844.00	14,463.67	(14,463.67)
2/29/2048	1		(12,251.12)	-	(4,844.00)	-	14,463.67	-
3/1/2048	0							
		4,405,678.76	(4,405,678.76)			5,207,401.00		

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

Description	Reference Schedule	Amount
<b>Proposed:</b>		
Balance of Unamortized Gains (Losses) on Reacquired Debt (Schedule II-C-2.4)	II-C-2.4	(68,087)
- Balance Related to Gains (Losses) Identified in Col.(h) of Schedule II-C-2.4	II-C-2.4	(55,318)
<hr/>		
Net Balance of Unamortized Gains (Losses) Not Accounted for in Col.(h) of Schedule II-C-2.4		(12,769)
Annual Amortization of Gains (Losses) on Reacquired Debt		(7,302)
- Annual Amortization Related to Gains (Losses) Identified in Col.(h) of Schedule II-C-2.4	II-C-2.4	(5,031)
<hr/>		
Net Annual Amortization of Gains (Losses) Not Accounted for in Col.(h) of Schedule II-C-2.4		(2,271)
Net Balance of Debt (Schedule II-C-2.4)	II-C-2.4	3,218,052
- Net Balance of Unamortized Gains (Losses) from Line 6		(12,769)
<hr/>		
Debt Balance Excluding Net Gains (Losses)		3,230,821
x Weighted Average Cost of Debt (Schedule II-C-2.4)	II-C-2.4	4.2920%
<hr/>		
Annual Debt Requirement		138,667
- Net Amortization of Gains (Losses) from Line 15		(2,271)
<hr/>		
<b>Adjusted Annual Debt Requirement</b>		<b>140,938</b>
<hr/>		
<b>Adjusted Cost of Debt (Line 30/Line 19)</b>		<b>4.3796%</b>

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

Description	Reference Schedule	Amount
<b>Per Book:</b>		
Balance of Unamortized Gains (Losses) on Reacquired Debt (Schedule II-C-2.4)	II-C-2.4	(68,087)
- Balance Related to Gains (Losses) Identified in Col.(h) of Schedule II-C-2.4	II-C-2.4	(55,318)
<hr/>		
Net Balance of Unamortized Gains (Losses) Not Accounted for in Col.(h) of Schedule II-C-2.4		(12,769)
Annual Amortization of Gains (Losses) on Reacquired Debt		(7,302)
- Annual Amortization Related to Gains (Losses) Identified in Col.(h) of Schedule II-C-2.4	II-C-2.4	(5,031)
<hr/>		
Net Annual Amortization of Gains (Losses) Not Accounted for in Col.(h) of Schedule II-C-2.4		(2,271)
Net Balance of Debt (Schedule II-C-2.4)	II-C-2.4	3,212,511
- Net Balance of Unamortized Gains (Losses) from Line 6		(12,769)
<hr/>		
Debt Balance Excluding Net Gains (Losses)		3,225,280
x Weighted Average Cost of Debt (Schedule II-C-2.4)	II-C-2.4	4.3044%
<hr/>		
Annual Debt Requirement		138,828
- Net Amortization of Gains (Losses) from Line 15		(2,271)
<hr/>		
<b>Adjusted Annual Debt Requirement</b>		<b>141,099</b>
<hr/>		
<b>Adjusted Cost of Debt (Line 30/Line 19)</b>		<b>4.3922%</b>

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

Description	Balance at end of 2015	Balance at end of 2016	Balance at end of 2017	End of Monitoring Period: For the 12 Months Ended December 31, 2018			
				Balance Outstanding	Balance As a % of Total	Average Cost	Weighted Average Cost
Bank Loans	-	-	-		0.00%	0.00%	0.00%
Other	311,598,000	-	59,790,000	1,172,000	100.00%	2.2933%	2.2933%
<b>Total Notes Payable</b>	<b>311,598,000</b>	<b>-</b>	<b>59,790,000</b>	<b>1,172,000</b>	<b>100.00%</b>		<b>2.29%</b>



CNP Houston Electric, LLC G/L Account Balances Date 02/01/2019  
 Houston Page 1  
 Carryforward Periods 00-00 2015 Reporting Periods 01-12 2015

Code	G/L Acct	Short Text	Ccy	Accumulated Balance
0003	214010	ST N/P-Assoc Co	USD	311,598,000.00-
*			USD	311,598,000.00-

CNP Houston Electric, LLC G/L Account Balances Date 02/01/2019  
 Houston Page 1  
 Carryforward Periods 00-00 2016 Reporting Periods 01-12 2016

Code	G/L Acct	Short Text	Ccy	Accumulated Balance
0003	214010	ST N/P-Assoc Co	USD	0.00
*			USD	0.00

CNP Houston Electric, LLC G/L Account Balances Date 02/01/2019  
 Houston Page 1  
 Carryforward Periods 00-00 2017 Reporting Periods 01-12 2017

Code	G/L Acct	Short Text	Ccy	Accumulated Balance
0003	214010	ST N/P-Assoc Co	USD	59,790,000.00-
*			USD	59,790,000.00-

CNP Houston Electric, LLC G/L Account Balances Date 02/01/2019  
 Houston Page 1  
 Carryforward Periods 00-00 2018 Reporting Periods 01-12 2018

Code	G/L Acct	Short Text	Ccy	Accumulated Balance
0003	214010	ST N/P-Assoc Co	USD	1,172,000.00-
*			USD	1,172,000.00-

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
1/1/2018	59,790,000	2.2864%	
1/2/2018	52,281,000	2.2866%	
1/3/2018	83,218,000	2.2912%	
1/4/2018	91,374,000	2.2955%	
1/5/2018	78,465,000	2.3019%	
1/6/2018	78,465,000	2.3019%	
1/7/2018	78,465,000	2.3019%	
1/8/2018	69,328,000	2.3046%	
1/9/2018	59,718,000	2.2974%	
1/10/2018	55,516,000	2.2974%	
1/11/2018	54,427,000	2.3073%	
1/12/2018	57,455,000	2.3005%	
1/13/2018	57,455,000	2.3005%	
1/14/2018	57,455,000	2.3005%	
1/15/2018	57,455,000	2.3005%	
1/16/2018	99,081,000	2.2910%	
1/17/2018	95,120,000	2.2921%	
1/18/2018	131,093,000	2.2951%	
1/19/2018	140,976,000	2.2985%	
1/20/2018	140,976,000	2.2985%	
1/21/2018	140,976,000	2.2985%	
1/22/2018	138,023,000	2.2632%	
1/23/2018	141,062,000	2.2806%	
1/24/2018	140,243,000	2.3046%	
1/25/2018	144,009,000	2.2642%	
1/26/2018	152,007,000	2.2699%	
1/27/2018	152,007,000	2.2699%	
1/28/2018	152,007,000	2.2699%	
1/29/2018	164,659,000	2.2627%	
1/30/2018	158,979,000	2.2667%	
1/31/2018	155,893,000	2.2684%	
2/1/2018	183,482,000	2.2097%	
2/2/2018	180,432,000	2.2113%	
2/3/2018	180,432,000	2.2113%	
2/4/2018	180,432,000	2.2113%	

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
2/5/2018	219,932,000	2.2121%	
2/6/2018	215,171,000	2.2191%	
2/7/2018	209,358,000	2.3063%	
2/8/2018	207,536,000	2.2289%	
2/9/2018	199,536,000	2.2310%	
2/10/2018	199,536,000	2.2310%	
2/11/2018	199,536,000	2.2310%	
2/12/2018	195,049,000	2.2310%	
2/13/2018	188,203,000	2.2310%	
2/14/2018	185,251,000	2.2310%	
2/15/2018	185,251,000	2.2310%	
2/16/2018	177,910,000	2.2313%	
2/17/2018	177,910,000	2.2313%	
2/18/2018	177,910,000	2.2313%	
2/19/2018	177,910,000	2.2313%	
2/20/2018	172,832,000	2.2313%	
2/21/2018	159,055,000	2.2351%	
2/22/2018	160,840,000	2.2417%	
2/23/2018	201,840,000	2.2491%	
2/24/2018	201,840,000	2.2491%	
2/25/2018	201,840,000	2.2491%	
2/26/2018	195,114,000	2.2419%	
2/27/2018	188,746,000	2.2437%	
2/28/2018			
3/1/2018			
3/2/2018			
3/3/2018			
3/4/2018			
3/5/2018			
3/6/2018			
3/7/2018			
3/8/2018			
3/9/2018			
3/10/2018			
3/11/2018			

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
3/12/2018			
3/13/2018			
3/14/2018			
3/15/2018			
3/16/2018			
3/17/2018			
3/18/2018			
3/19/2018			
3/20/2018			
3/21/2018			
3/22/2018			
3/23/2018			
3/24/2018			
3/25/2018			
3/26/2018			
3/27/2018			
3/28/2018			
3/29/2018			
3/30/2018			
3/31/2018			
4/1/2018			
4/2/2018			
4/3/2018			
4/4/2018			
4/5/2018			
4/6/2018			
4/7/2018			
4/8/2018			
4/9/2018			
4/10/2018			
4/11/2018			
4/12/2018			
4/13/2018			
4/14/2018			
4/15/2018			

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
4/16/2018			
4/17/2018			
4/18/2018			
4/19/2018			
4/20/2018			
4/21/2018			
4/22/2018			
4/23/2018			
4/24/2018			
4/25/2018			
4/26/2018			
4/27/2018			
4/28/2018			
4/29/2018			
4/30/2018			
5/1/2018			
5/2/2018			
5/3/2018			
5/4/2018			
5/5/2018			
5/6/2018			
5/7/2018			
5/8/2018			
5/9/2018			
5/10/2018			
5/11/2018			
5/12/2018			
5/13/2018			
5/14/2018			
5/15/2018			
5/16/2018			
5/17/2018			
5/18/2018			
5/19/2018			
5/20/2018			

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
5/21/2018			
5/22/2018			
5/23/2018			
5/24/2018			
5/25/2018			
5/26/2018			
5/27/2018			
5/28/2018			
5/29/2018			
5/30/2018			
5/31/2018			
6/1/2018			
6/2/2018			
6/3/2018			
6/4/2018			
6/5/2018			
6/6/2018			
6/7/2018			
6/8/2018			
6/9/2018			
6/10/2018			
6/11/2018			
6/12/2018			
6/13/2018			
6/14/2018			
6/15/2018			
6/16/2018			
6/17/2018			
6/18/2018			
6/19/2018			
6/20/2018			
6/21/2018			
6/22/2018			
6/23/2018			
6/24/2018			

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
6/25/2018			
6/26/2018			
6/27/2018			
6/28/2018			
6/29/2018			
6/30/2018			
7/1/2018			
7/2/2018			
7/3/2018			
7/4/2018			
7/5/2018			
7/6/2018			
7/7/2018			
7/8/2018			
7/9/2018			
7/10/2018			
7/11/2018			
7/12/2018			
7/13/2018			
7/14/2018			
7/15/2018			
7/16/2018			
7/17/2018			
7/18/2018	64,212,000		2.2594%
7/19/2018	70,002,000		2.2727%
7/20/2018	70,002,000		2.2652%
7/21/2018	70,002,000		2.2652%
7/22/2018	70,002,000		2.2652%
7/23/2018	62,693,000		2.2657%
7/24/2018	50,347,000		2.2667%
7/25/2018	43,434,000		2.2671%
7/26/2018	46,126,000		2.2601%
7/27/2018	44,815,000		2.2601%
7/28/2018	44,815,000		2.2601%
7/29/2018	44,815,000		2.2601%

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
7/30/2018	39,239,000	2.2603%	
7/31/2018	34,385,000	2.2537%	
8/1/2018	53,641,000	2.2515%	
8/2/2018	47,716,000	2.2631%	
8/3/2018	61,358,000	2.2610%	
8/4/2018	61,358,000	2.2610%	
8/5/2018	61,358,000	2.2610%	
8/6/2018	66,624,000	2.2603%	
8/7/2018	55,836,000	2.2614%	
8/8/2018	56,048,000	2.2557%	
8/9/2018	55,033,000	2.2275%	
8/10/2018	46,769,000	2.2279%	
8/11/2018	46,769,000	2.2279%	
8/12/2018	46,769,000	2.2279%	
8/13/2018	40,819,000	2.2280%	
8/14/2018	32,452,000	2.2290%	
8/15/2018	43,711,000	2.2279%	
8/16/2018	38,645,000	2.2282%	
8/17/2018	32,919,000	2.2233%	
8/18/2018	32,919,000	2.2233%	
8/19/2018	32,919,000	2.2233%	
8/20/2018	37,422,000	2.2231%	
8/21/2018	25,473,000	2.2235%	
8/22/2018	45,723,000	1.9030%	
8/23/2018	44,332,000	1.9532%	
8/24/2018	37,952,000	1.9431%	
8/25/2018	37,952,000	1.9431%	
8/26/2018	37,952,000	1.9431%	
8/27/2018	35,212,000	1.9833%	
8/28/2018	28,881,000	2.2104%	
8/29/2018	20,109,000	2.2610%	
8/30/2018	18,298,000	2.2458%	
8/31/2018	23,468,000	2.2415%	
9/1/2018	23,468,000	2.2415%	
9/2/2018	23,468,000	2.2415%	



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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
9/3/2018	23,468,000	2.2415%	
9/4/2018	13,915,000	2.2415%	
9/5/2018	35,995,000	1.9933%	
9/6/2018	35,715,000	1.9732%	
9/7/2018	31,230,000	2.0033%	
9/8/2018	31,230,000	2.0033%	
9/9/2018	31,230,000	2.0033%	
9/10/2018	26,474,000	2.0435%	
9/11/2018	25,164,000	2.0234%	
9/12/2018	14,111,000	2.0535%	
9/13/2018	9,867,000	2.0134%	
9/14/2018	13,459,000	2.1900%	
9/15/2018	13,459,000	2.1900%	
9/16/2018	13,459,000	2.1900%	
9/17/2018	20,121,000	2.1900%	
9/18/2018	12,256,000	2.2001%	
9/19/2018	30,253,000	2.2103%	
9/20/2018	31,407,000	2.2204%	
9/21/2018	25,081,000	2.2204%	
9/22/2018	25,081,000	2.2204%	
9/23/2018	25,081,000	2.2204%	
9/24/2018	23,381,000	2.2204%	
9/25/2018	31,414,000	2.2204%	
9/26/2018	14,775,000	2.2103%	
9/27/2018	13,675,000	2.4536%	
9/28/2018	75,195,000	2.4536%	
9/29/2018	75,195,000	2.4536%	
9/30/2018	75,195,000	2.4536%	
10/1/2018	94,268,000	2.1338%	
10/2/2018	85,335,000	2.1539%	
10/3/2018	76,995,000	2.1940%	
10/4/2018	97,365,000	2.2141%	
10/5/2018	100,104,000	2.2241%	
10/6/2018	100,104,000	2.2241%	
10/7/2018	100,104,000	2.2241%	

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding		Weighted Average Cost
10/8/2018	100,104,000		2.2241%
10/9/2018	95,754,000		2.2141%
10/10/2018	84,068,000		2.2241%
10/11/2018	75,741,000		2.2040%
10/12/2018	85,322,000		2.2141%
10/13/2018	85,322,000		2.2141%
10/14/2018	85,322,000		2.2141%
10/15/2018	83,460,000		2.2442%
10/16/2018	69,329,000		2.2241%
10/17/2018	92,807,000		2.2040%
10/18/2018	91,013,000		2.2442%
10/19/2018	86,055,000		2.2241%
10/20/2018	86,055,000		2.2241%
10/21/2018	86,055,000		2.2241%
10/22/2018	79,045,000		2.2743%
10/23/2018	68,924,000		2.2542%
10/24/2018	62,758,000		2.2342%
10/25/2018	58,672,000		2.2843%
10/26/2018	57,326,000		2.2944%
10/27/2018	57,326,000		2.2944%
10/28/2018	57,326,000		2.2944%
10/29/2018	48,687,000		2.2342%
10/30/2018	39,177,000		2.2342%
10/31/2018	36,562,000		2.2141%
11/1/2018	47,035,000		2.2442%
11/2/2018	43,242,000		2.3245%
11/3/2018	43,242,000		2.3245%
11/4/2018	43,242,000		2.3245%
11/5/2018	68,078,000		2.2542%
11/6/2018	57,062,000		2.2743%
11/7/2018	50,969,000		2.2241%
11/8/2018	42,921,000		2.2843%
11/9/2018	47,658,000		2.2843%
11/10/2018	47,658,000		2.2843%
11/11/2018	47,658,000		2.2843%

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
11/12/2018	47,658,000	2.2843%	
11/13/2018	31,561,000	2.2944%	
11/14/2018	21,875,000	2.2040%	
11/15/2018	64,932,000	2.2944%	
11/16/2018	68,034,000	2.3145%	
11/17/2018	68,034,000	2.3145%	
11/18/2018	68,034,000	2.3145%	
11/19/2018	68,909,000	2.3446%	
11/20/2018	59,053,000	2.3245%	
11/21/2018	62,785,000	2.3145%	
11/22/2018	62,785,000	2.3145%	
11/23/2018	62,785,000	2.3145%	
11/24/2018	62,785,000	2.3145%	
11/25/2018	62,785,000	2.3145%	
11/26/2018	48,279,000	2.2542%	
11/27/2018	32,144,000	2.3044%	
11/28/2018	29,943,000	2.3044%	
11/29/2018	36,012,000	2.3044%	
11/30/2018	48,002,000	2.3446%	
12/1/2018	48,002,000	2.3446%	
12/2/2018	48,002,000	2.3446%	
12/3/2018	44,600,000	2.2743%	
12/4/2018	72,653,000	2.3145%	
12/5/2018	65,415,000	2.3145%	
12/6/2018	61,151,000	2.4249%	
12/7/2018	58,052,000	2.4249%	
12/8/2018	58,052,000	2.4249%	
12/9/2018	58,052,000	2.4249%	
12/10/2018	53,183,000	2.3044%	
12/11/2018	134,744,000	2.3948%	
12/12/2018	133,712,000	2.4148%	
12/13/2018	149,016,000	2.4450%	
12/14/2018	154,787,000	2.4751%	
12/15/2018	154,787,000	2.4751%	
12/16/2018	154,787,000	2.4751%	

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

Source: CNP Treasury XLT System

Average Cost		2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost	
12/17/2018	167,474,000	2.4651%	
12/18/2018	161,655,000	2.4751%	
12/19/2018	181,689,000	2.4851%	
12/20/2018	179,914,000	2.5052%	
12/21/2018	198,566,000	2.5052%	
12/22/2018	198,566,000	2.5052%	
12/23/2018	198,566,000	2.5052%	
12/24/2018	198,566,000	2.5052%	
12/25/2018	198,566,000	2.5052%	
12/26/2018	178,990,000	2.5052%	
12/27/2018	184,874,000	2.4952%	
12/28/2018	192,166,000	2.4952%	
12/29/2018	192,166,000	2.4952%	
12/30/2018	192,166,000	2.4952%	
12/31/2018	1,172,000	2.4249%	

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

Source: PIS Ended 12/31/2018

Asset Class	Description	Column 1 EPIS Value (1) as of 12/31/2018	Deemed Funded Property at 3/18/03 (GMBs 5.7% due 3/15/13 and 6.95% due 3/15/33)	Deemed Funded Property at 9/8/03 (2) (GMBs 5.75% due 1/15/14 - \$225 million only)	Col (1)-Col (2)-Col (3)
CE35201	CCNC-STRUCT&IMPROVMT	50,654,720.36	-	-	50,654,720.36
CE35301	CCNC-STATION EQUIPMT	114,283,250.00	-	-	114,283,250.00
CE35401	CCNC-TOWER &FIXTURES	4,725,430.42	-	-	4,725,430.42
CE35601	CCNC-OH COND/DEVICES	0.00	-	-	-
CE36101	CCNC-STRUCT &IMPROVE	13,844,093.36	-	-	13,844,093.36
CE36201	CCNC-STATION EQUIP	144,350,565.28	-	-	144,350,565.28
CE36401	CCNC-POLES, TWRS&FIXT	10,242,756.04	-	-	10,242,756.04
CE36501	CCNC-OH CONDUCT DEV	9,556,728.52	-	-	9,556,728.52
CE36601	CCNC-UG CONDUIT	8,399,445.90	-	-	8,399,445.90
CE36701	CCNC-UG CONDUCT/DEV	19,397,165.17	-	-	19,397,165.17
CE36801	CCNC-LINE TRANSFORM	9,687,776.68	-	-	9,687,776.68
CE36901	CCNC-SERVICES	8,281,852.87	-	-	8,281,852.87
CE37001	CCNC-METERS	131,843.79	-	-	131,843.79
CE37003	CCNC-AUTOMATED METRS	31,756.50	-	-	31,756.50
CE37301	CCNC-ST LT/SIGNL SYS	11,949,057.23	-	-	11,949,057.23
CE37302	CCNC -SECURITY LIGHT	50,485.09	-	-	50,485.09
CE37401	CCNC-SECURITY LIGHT	625.42	-	-	625.42
CE39001	CCNC-STRUCT&IMPROVMT	26,432,362.40	-	-	26,432,362.40
CE39701	CCNC-MICROWAVE EQUIP	21,373,017.06	-	-	21,373,017.06
E31001	Land	0.00	317,161.76	15,051.99	(332,213.75)
E35001	Land	49,328,223.26	30,634,836.98	1,440,138.46	17,253,247.82
E35002	Land Rights	100,986,142.53	44,621,201.56	2,080,267.86	54,284,673.11
E35003	Land Held for Future Use	7,861,786.91	6,531,643.52	312,335.32	1,017,808.07
E35004	Land Held for Future Use	2,316,766.69	2,209,193.15	106,699.30	874.24
E35201	Structures	151,567,192.52	26,374,628.02	1,634,270.42	123,558,294.08
E35301	Substation Equipment	879,367,315.77	360,142,997.44	21,754,485.78	497,469,832.55
E35401	Towers/Clearing Land	839,834,174.52	290,978,645.13	14,922,906.56	533,932,622.83
E35501	Poles/Clearing Land	124,988,758.89	85,580,960.00	8,433,769.94	30,974,028.95
E35601	Conductor	612,374,412.63	287,266,823.88	19,641,844.89	305,465,743.86
E35701	Underground Conduit	38,059,655.95	2,531,042.63	4,442,942.73	31,085,670.59

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

Asset Class	Description	Column 1 EPIS Value (1) as of 12/31/2018	Deemed Funded Property at 3/18/03 (GMBs 5.7% due 3/15/13 and 6.95% due 3/15/33)	Deemed Funded Property at 9/8/03 (2) (GMBs 5.75% due 1/15/14 - \$225 million only)	Col (1)-Col (2)-Col (3)
E35702	Land Held for Future Use	0.00	2,139.64	98.52	(2,238.16)
E35801	Underground Conductor	14,661,443.81	3,251,618.86	246,795.53	11,163,029.42
E35901	Roads and Trails	81,533,231.33	8,748,479.52	575,978.29	72,208,773.52
E36001	Land	31,120,482.07	13,004,516.49	631,140.47	17,484,825.11
E36002	Land Rights	2,210,688.31	1,101,884.04	51,186.71	1,057,617.56
E36003	Land Held for Future Use	273,279.91	619,568.40	29,215.53	(375,504.02)
E36101	Structures	91,478,324.09	44,453,756.92	2,144,251.34	44,880,315.83
E36201	Substation Equipment	1,066,616,599.97	602,202,493.20	28,635,801.66	435,778,305.11
E36401	Poles	823,540,642.48	457,057,376.01	27,783,115.17	338,700,151.30
E36501	Conductor	997,366,746.16	606,052,538.23	36,589,351.58	354,724,856.35
E36601	Underground Conduit	579,758,234.59	288,918,290.54	17,024,896.67	273,815,047.38
E36602	Land Held for Future Use	0.00	2,488.54	114.48	(2,603.02)
E36701	Underground Conductor	1,047,392,354.33	425,431,466.26	34,358,287.40	587,602,600.67
E36801	Transformers	1,366,765,191.88	723,409,549.17	47,152,803.22	596,202,839.49
E36901	Services-Overhead	192,154,818.33	93,646,646.15	6,791,337.22	91,716,834.96
E37001	Meters	78,204,540.68	255,878,109.84	15,228,522.61	(192,902,091.77)
E37003	Automated Meters	179,693,779.07	-	-	179,693,779.07
E37101	Installations	0.01	320,398.01	14,245.30	(334,643.30)
E37301	Street Lights	592,340,320.15	257,440,700.93	22,038,035.09	312,861,584.13
E37302	SECURITY LIGHTING	13,158,122.57	17,213,154.65	833,798.80	(4,888,830.88)
E37401	Security Lights	0.16	-	-	0.16
E38901	Land	27,581,007.75	6,889,629.98	333,838.44	20,357,539.33
E38902	Land Rights	154,399.83	36,769.41	1,708.62	115,921.80
E38903	Land Held for Future Use	929,662.24	7,361,371.55	(172,444.50)	(6,259,264.81)
E39001	Structures-Office	215,980,509.83	119,933,271.63	5,909,972.31	90,137,265.89
E39004	Leaschold Improvements	0.00	2,252,848.02	108,321.51	(2,361,169.53)
E39701	Communication Equipment	355,850,479.42	134,112,286.36	5,284,908.22	216,453,284.84
	CWIP	427,194,152.18	106,396,172.87	(2,949,279.65)	323,747,258.96
	Inventory	118,154,820.59	59,490,483.57	(2,002,142.36)	60,666,479.38
	<b>Total</b>	<b>11,564,191,193.50</b>	<b>5,372,417,142.86</b>	<b>321,428,571.43</b>	<b>5,870,345,479.21</b>

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

Asset Class	Description	Column 1 EPIS Value (1) as of 12/31/2018	Deemed Funded Property at 3/18/03 (GMBs 5.7% due 3/15/13 and 6.95% due 3/15/33)	Deemed Funded Property at 9/8/03 (2) (GMBs 5.75% due 1/15/14 - \$225 million only)	Col (1)-Col (2)-Col (3)
<b>At December 31, 2018</b>					
	Property Available	5,870,345,479.21			
	Bonding Ratio	x 70%			
	Bonds that could be Issued Based on Property	4,109,241,835.45			
	Retired First Mortgage Bonds Set Aside for Future Issuance	-			
	Retired General Mortgage Bonds Set Aside for Future Issuance	190,280,000.00			
		4,299,521,835.45			
	Approximately	\$4.3 Billion			





**EXHIBIT A**

Reference is made to the Credit Agreement, dated as of March 3, 2016, as amended by the First Amendment to Credit Agreement, dated as of June 16, 2017, among CenterPoint Energy Houston Electric, LLC, as Borrower, the Banks parties thereto, JPMorgan Chase Bank, N.A. and Wells Fargo Bank, National Association, as Co-Syndication Agents, Bank of America, N.A., Citibank, N.A., The Bank of Tokyo-Mitsubishi UFJ, Ltd., and The Royal Bank of Canada, as Co-Documentation Agents, and Mizuho Bank, Ltd., as Administrative Agent

**CALCULATION MADE PURSUANT TO SECTION 7.2(a)**  
 (Millions of Dollars)

	<u>December 31, 2018</u>
<b><u>Consolidated Indebtedness:</u></b>	
Long-term Debt (excluding 977 of Securitization Securities)	3,281
Current Portion of Long-term Debt (excluding 458 of Securitization Securities)	0
Short-term Borrowings and Notes Payable - Affiliates (including 1 from the Money Pool)	1
Mandatory Payment Preferred Stock	0
Less:	
Indebtedness attributable to receivables facilities	0
Non-recourse debt	<u>0</u>
Consolidated Indebtedness	<u>3,282</u>
 <b><u>Consolidated Capitalization:</u></b>	
Total Assets	10,507
Less Long-term Debt	(4,258)
Less Current Liabilities	(1,090)
Less Other Liabilities	(2,477)
SFAS 142 adjustment	0
True-Up Litigation adjustment	972 See WP II-C-2.6.2
Capital Stock distribution adjustment	<u>1,685</u> See WP II-C-2.6.2
Consolidated Shareholders' Equity (adjusted)	5,339
Consolidated Indebtedness (from above)	<u>3,282</u>
Consolidated Capitalization	<u>8,621</u>

<b>Section 7.2(a) Financial Ratio:</b>	Consolidated Indebtedness	/	Consolidated Capitalization	=	38.1%
	3,282	/	8,621		
As specified in the Agreement, this percentage is not permitted to exceed 65%					

Additional debt capacity*					
3,018.3	6,300	/	11,639	=	54.1%
Additional debt capacity for cash dividend					
1,059.4	4,341	/	8,621	=	50.4%
Capacity for equity writeoff					
1,630.8	3,282	/	6,990	=	47.0%

\*however, in actuality, may not exceed the CNP consolidated additional capacity

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

True-Up Litigation Adjustment (2011 CEHE Form 10-K, page 37)  
 (millions of dollars)

	Pre-Tax	After-Tax
Extraordinary Gain	921	598
Other Income	352	229
Total	1,273	827

An additional \$405 million (\$263 million after-tax) will be recorded as an equity return over the life of the transition bonds

	Pre-Tax	After-Tax	
Jan 2012 thru December 31, 2017 (1)	170,318	110,707	
Jan 2018 thru December 31, 2018 (1)	43,024	33,989	
		144,696	145
<b>True-Up Litigation Adjustment:</b>	<b>827</b>	<b>+</b>	<b>145</b>
			<b>-</b>
			<b>972</b>

(1) Pre-Tax amount

True-Up Litigation Adjustment (2011 CEHE Form 10-K, page 37)

In October 2011, the Texas Utility Commission also issued a financing order (the Financing Order) that authorized the issuance of transition bonds by CenterPoint Houston to securitize the Recoverable True-Up Balance. In January 2012, CenterPoint Energy Transition Bond Company IV, LLC (Bond Company IV), a new special purpose subsidiary of CenterPoint Houston, issued \$1.695 billion of transition bonds in three tranches with interest rates ranging from 0.9012% to 3.0282% and final maturity dates ranging from April 15, 2018 to October 15, 2025.

Through the issuance of these transition bonds, CenterPoint Houston recovered the Recoverable True-Up Balance, less approximately \$10.4 million of offering expenses. The transition bonds will be repaid over time through a charge imposed on customers in CenterPoint Houston's service territory. The holders of the transition bonds do not have recourse to any assets or revenues of CenterPoint Houston, and the creditors of CenterPoint Houston do not have recourse to any assets or revenues of Bond Company IV, including, without limitation, the transition property transferred to Bond Company IV in connection with the issuance of the transition bonds. The transition property includes the right to impose, collect and receive an irrevocable, non-bypassable charge payable by CenterPoint Houston's retail electric customers. 1,695 MM - 10.4 MM = \$1,685 MM

As a result of the Final Order, CenterPoint Houston recorded a pre-tax extraordinary gain of \$921 million (\$598 million after taxes of \$323 million) and \$352 million (\$229 million after-tax) of Other Income related to a portion of interest on the appealed amount. An additional \$405 million (\$263 million after-tax) will be recorded as an equity return over the life of the transition bonds.

G/L Account Line Item Details

G/L Account No. 179088		Center New Assets-Final True-Up Equity Interest	
Company Code 0003		CEP Houston Electric, LLC	
DATE	AMOUNT	TAXES	AMOUNT
12/31/18	144.696		144.696
12/31/18	145.000		145.000
			289.696

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

**CONFIDENTIAL**

Workpapers WP/II-C-2.7.1 through WP/ II-C-2.7.7 – Capital Requirements and Acquisition Plan are 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.

**Interest Exp-ARUDC-Debt - Local Currency Balances Display**

Line Items	Other currency...	Other bus. area...	Display currency	
Acct	708120	CoCde 0003	Year 2018	
Period	Debit	Credit	DC bal.	
C/f bal.			Account balance	
1	180.79	556,883.86	556,703.07	556,703.07
2	672.14	598,781.92	598,109.78	1,154,812.85
3	1,118.74	528,591.81	527,479.07	1,682,288.92
4	549.71	479,280.90	478,731.19	2,161,017.11
5	4,870.18	495,832.67	490,962.49	2,651,979.60
6	386.05	444,049.84	443,663.79	3,095,643.39
7	2,945.55	536,732.43	535,786.88	3,631,430.27
8	8,186.69	564,139.46	555,982.77	4,187,413.04
9	99.28	485,595.91	485,556.65	4,672,869.69
10	4,184.51	551,262.97	547,078.46	5,220,048.15
11	3,619.88	581,724.63	578,105.04	5,798,153.21
12	8,339.37	599,084.70	590,715.33	6,388,868.54
13	0.00	0.00	0.00	-
14	0.00	0.00	0.00	-
15	0.00	0.00	0.00	-
16	0.00	0.00	0.00	-
***	35,042.54	6,393,931.08	6,358,888.54	6,358,888.54

ARUDC Debt 6,358,888.54  
 ARUDC Equity 10,405,691.45  
 16,764,559.99  
 16.76

**Capitalized Equity (ARUDC) - Local Currency Balances Display**

Line Items	Other currency...	Other bus. area...	Display currency	
Acct	881010	CoCde 0003	Year 2018	
Period	Debit	Credit	DC bal.	
C/f bal.			Account balance	
1	280.98	957,128.33	956,847.35	956,847.35
2	895.64	1,028,133.30	1,028,237.66	1,985,085.01
3	2,553.96	854,624.56	853,070.60	2,838,155.61
4	782.78	774,900.67	774,117.88	3,612,273.49
5	6,228.08	801,698.98	795,430.90	4,407,704.39
6	537.60	717,937.00	717,399.40	5,125,103.79
7	4,855.45	871,020.15	866,664.50	5,991,768.29
8	11,101.66	912,098.07	900,996.41	6,892,764.70
9	64.84	785,110.14	785,045.30	7,677,810.00
10	6,160.65	891,280.15	885,119.50	8,562,929.50
11	4,887.81	892,026.36	887,138.55	9,450,068.05
12	12,925.05	968,548.45	955,623.40	10,405,691.45
13	0.00	0.00	0.00	-
14	0.00	0.00	0.00	-
15	0.00	0.00	0.00	-
16	0.00	0.00	0.00	-
***	49,774.71	10,455,466.16	10,405,691.45	10,405,691.45

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

FERC Form 1  
 Statement of Cash Flow Workpaper  
 For the Period Ended 12/31/2018

Line No.	Description	2018
1	Net Cash Flow from Operating Activities:	
2	Net Income (Line 78(c) on page 117)	\$ 336,155,703
3	Noncash Charges (Credits) to Income:	
4	Depreciation and Depletion	\$ 331,197,165
5	Amortization & Depl of Utility Plant	\$ 43,639,125
6	Amortization Other (G/L 702010)	\$ 21,306,004
7		①
8	Deferred Income Taxes (Net)	\$ (39,223,476)
9	Investment Tax Credit Adjustment (Net)	\$ -
10	Net (Increase) Decrease in Receivables	\$ 17,474,279
11	Net (Increase) Decrease in Inventory	② (13,931,584)
12	Net (Increase) Decrease in Allowances Inventory	\$ -
13	Net Increase (Decrease) in Payables and Accrued Expenses	\$ (11,545,230)
14	Net (Increase) Decrease in Other Regulatory Assets	\$ (738,021)
15	Net Increase (Decrease) in Other Regulatory Liabilities	\$ -
16	(Less) Allowance for Other Funds Used During Construction	\$ -
17	(Less) Undistributed Earnings from Subsidiary Companies	\$ -
18	Other (provide details in footnote):	\$ -
19	Other Assets	\$ (7,271,369)
20	Other Liabilities	\$ (57,177,909)
21	Other, net	\$ (23,891,379)
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	\$ 595,993,308

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

FERC Form 1  
 Statement of Cash Flow Workpaper  
 For the Period Ended 12/31/2018

Line No.	Description	2018
23		\$ -
24	Cash Flows from Investment Activities:	\$ -
25	Construction and Acquisition of Plant (including land):	\$ -
26	Gross Additions to Utility Plant (less nuclear fuel)	\$ (926,320,293)
27	Gross Additions to Nuclear Fuel	\$ -
28	Gross Additions to Common Utility Plant	\$ -
29	Gross Additions to Nonutility Plant	\$ -
30	(Less) Allowance for Other Funds Used During Construction	\$ -
31	Other (provide details in footnote):	\$ -
32		\$ -
33		\$ -
34	Cash Outflows for Plant (Total of lines 26 thru 33)	\$ (926,320,293)
35		\$ -
36	Acquisition of Other Noncurrent Assets (d)	\$ -
37	Proceeds from Disposal of Noncurrent Assets (d)	\$ (3,769,504)
38		\$ -
39	Investments in and Advances to Assoc. and Subsidiary Companies	\$ -
40	Contributions and Advances from Assoc. and Subsidiary Companies	\$ -
41	Disposition of Investments in (and Advances to)	
42	Associated and Subsidiary Companies	\$ -
43		\$ -
44	Purchase of Investment Securities (a)	\$ -
45	Proceeds from Sales of Investment Securities (a)	\$ -
46	Loans Made or Purchased	\$ -
47	Collections on Loans	\$ -
48		\$ -
49	Net (Increase) Decrease in Receivables	\$ -

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

FERC Form 1  
 Statement of Cash Flow Workpaper  
 For the Period Ended 12/31/2018

Line No.	Description	2018
50	Net (Increase ) Decrease in Inventory	\$ -
51	Net (Increase) Decrease in Allowances Held for Speculation	\$ -
52	Net Increase (Decrease) in Payables and Accrued Expenses	\$ -
53	Other (provide details in footnote):	\$ -
54		\$ -
55		\$ -
56	Net Cash Provided by (Used in) Investing Activities	\$ -
57	Total of lines 34 thru 55)	\$ (930,089,797)
58	Notes payable from associated company	\$ -
59	<b>Cash Flows from Financing Activities:</b>	\$ -
60	Proceeds from Issuance of:	\$ -
61	Long-Term Debt (b)	\$ 398,255,678
62	Preferred Stock	\$ -
63	Common Stock	\$ -
64	Other (provide details in footnote):	\$ (4,820,830)
65	Net Increase in Short-Term Debt from Associated Companies	\$ (58,618,000)
66	Net Increase in Short-Term Debt (c)	\$ -
67	Other (provide details in footnote):	\$ -
68		\$ -
69		\$ -
70	Cash Provided by Outside Sources (Total 61 thru 69)	\$ 334,816,848
71		\$ -
72	Payments for Retirement of:	\$ -
73	Long-term Debt (b)	\$ -
74	Preferred Stock	\$ -
75	Common Stock	\$ -
76	Other (provide details in footnote):	\$ 200,000,000
77		\$ -
78	Net Decrease in Short-Term Debt (c)	\$ -
79		\$ -
80	Dividends on Preferred Stock	\$ -

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

FERC Form 1  
 Statement of Cash Flow Workpaper  
 For the Period Ended 12/31/2018

Line No.	Description	2018
81	Dividends on Common Stock	\$ (208,800,000)
82	Net Cash Provided by (Used in) Financing Activities	\$ -
83	(Total of lines 70 thru 81)	\$ 326,016,848
84		\$ -
85	Net Increase (Decrease) in Cash and Cash Equivalents	\$ -
86	(Total of lines 22,57 and 83)	\$ (8,079,641)
87		\$ -
88	Cash and Cash Equivalents at Beginning of Period	\$ 11,503,646
89		
90	Cash and Cash Equivalents at End of period	\$ 3,424,005



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

**CONFIDENTIAL**

Workpapers WP/II-C-2.7.10 through WP/ II-C-2.7.12 – Capital Requirements and Acquisition Plan are 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

(THOUSANDS OF DOLLARS)

\*Source: 2018 EMR Workpaper DX-1 Input

Financial Statement Line Item	FERC Account	GL Account	1 Prior Year Ending Balance (2014)*	2 Prior Year Ending Balance (2015)*	3 Prior Year Ending Balance (2016)*	4 Prior Year Ending Balance (2017)*	5 Test Year Ending Balance
<b>(1) Total Debt as a Percent of Total Capital</b>							
Notes Payable	2330		-	311,598	-	59,790	1,172
Long-term Debt (Excluding Cap Lease)			1,884,710	1,896,927	2,502,046	2,808,283	3,218,052
Capital lease obligations - Long-Term		282010	376	247	104	-	-
Current maturities (Excluding Cap Lease)		217010	-	-	-	-	-
Capital lease obligations - Current		251010	117	130	143	104	-
Total Debt			1,885,203	2,208,901	2,502,293	2,868,177	3,219,224
Notes Payable	2330	<i>from above</i>	-	311,598	-	59,790	1,172
Long-term Debt (Excluding Cap Lease)		<i>from above</i>	1,884,710	1,896,927	2,502,046	2,808,283	3,218,052
Capital lease obligations - Long-Term		<i>from above</i>	376	247	104	-	-
Capital lease obligations - Current		<i>from above</i>	117	130	143	104	-
Preferred Stock			-	-	-	-	-
Preferred Trust Securities			-	-	-	-	-
Current maturities of L-T-D		<i>from above</i>	-	-	-	-	-
Common Equity			1,591,587	1,600,787	2,116,841	2,369,198	2,682,052
Ending Total Capital			3,476,790	3,809,688	4,619,134	5,237,375	5,901,276
Total Debt		<i>from above</i>	1,885,203	2,208,901	2,502,293	2,868,177	3,219,224
Total Capitalization		<i>from above</i>	3,476,790	3,809,688	4,619,134	5,237,375	5,901,276
<b>Total Debt as a Percent of Total Capital</b>			54.22%	57.98%	54.17%	54.76%	54.55%
<b>(2) Total CWIP as a Percent of Net Plant</b>							
Total Construction Work In Progress	1070		544,350	409,438	478,694	463,378	427,251
Total Utility Plant		WP II-B-1, WP II-B-2, WP II-B-3	8,837,208	9,720,751	10,349,979	11,017,364	11,714,374
Less: Accumulated Depreciation and Amortization		WP II-B-5	(3,401,985)	(3,557,919)	(3,787,064)	(3,917,090)	(4,014,836)
Net Plant			5,435,223	6,162,832	6,562,915	7,100,274	7,699,538
Total Construction Work in Progress		<i>from above</i>	544,350	409,438	478,694	463,378	427,251
Total Net Plant		<i>from above</i>	5,435,223	6,162,832	6,562,915	7,100,274	7,699,538
<b>Total CWIP as a Percent of Net Plant</b>			10.02%	6.64%	7.29%	6.53%	5.55%
<b>(3) Construction Expenditures as a Percent of Average Total Capital</b>							
Cash Construction Expenditures (3)		Cash Flow Stmt	804,222	929,606	862,498	874,049	926,320
Remove: AFUDC (Equity & Debt)			(23,921)	(19,965)	(12,412)	(16,889)	(16,765)
Construction Expenditures			780,301	909,641	850,086	857,160	909,556
Beginning Total Capital			2,706,034	3,476,790	3,809,688	4,619,134	5,237,375
Ending Total Capital		<i>from above</i>	3,476,790	3,809,688	4,619,134	5,237,375	5,901,276

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

(THOUSANDS OF DOLLARS)

\*Source: 2018 EMR Workpaper IX-1 Input

Financial Statement Line Item	FERC Account	GL Account	1 Prior Year Ending Balance (2014)*	2 Prior Year Ending Balance (2015)*	3 Prior Year Ending Balance (2016)*	4 Prior Year Ending Balance (2017)*	5 Test Year Ending Balance
Average of Beginning and Ending Total Capital			3,091,412	3,643,239	4,214,411	4,928,254	5,569,325
Cash Construction Expenditures		from above	780,301	909,641	850,086	857,160	909,556
Average of Beginning and Ending Total Capital		from above	3,091,412	3,643,239	4,214,411	4,928,254	5,569,325
<b>Construction Expenditures as a Percent of Average Total Capital</b>			<b>25.24%</b>	<b>24.97%</b>	<b>20.17%</b>	<b>17.39%</b>	<b>16.33%</b>
<b>(4) Pre-Tax Interest Coverage</b>							
Income from continuing operations		Net Income before Extraord	252,272	260,797	275,694	432,726	336,156
Remove: Nonrecurring Items (Before Tax)							
Remove: Equity AFUDC		711998	(13,518)	(11,967)	(6,457)	(10,404)	(10,406)
Add: Income Tax Expense		717025, 717010, 717020, 717510, 717520, 717545	130,721	145,480	149,302	(9,121)	89,005
Add: Interest Incurred (1)		708010, 708060, 708115, 708140, 709000	106,710	113,160	120,024	123,620	132,806
Adjusted Pre-Tax Income			476,185	507,471	538,563	536,821	547,561
Interest Incurred		from above	106,710	113,160	120,024	123,620	132,806
Adjusted Pre-Tax Income		from above	476,185	507,471	538,563	536,821	547,561
Interest Incurred		from above	106,710	113,160	120,024	123,620	132,806
<b>Pre-Tax Interest Coverage</b>			<b>4.46</b>	<b>4.48</b>	<b>4.49</b>	<b>4.34</b>	<b>4.12</b>
<b>(5) Funds from Operations/Total Debt</b>							
Cash Flow from Operations (before working capital changes)		Cash Flow Stmt	567,688	631,883	636,636	741,072	693,075
Remove AFUDC (Equity & Debt)		from above	(23,921)	(19,965)	(12,412)	(16,889)	(16,765)
Adjusted Cash Flow from Operations			543,767	611,918	624,224	724,183	676,310
Notes Payable		from above	-	311,598	-	59,790	1,172
Long-term Debt (Excluding Cap Lease)		from above	1,884,710	1,896,927	2,502,046	2,808,283	3,218,052
Capital lease obligations - Long-Term		from above	376	247	104	-	-
Current maturities (Excluding Cap Lease)		from above	-	-	-	-	-
Capital lease obligations - Current		from above	117	130	143	104	-
Total Debt			1,885,203	2,208,901	2,502,293	2,868,177	3,219,224
Adjusted Cash Flow from Operations		from above	543,767	611,918	624,224	724,183	676,310
Total Debt		from above	1,885,203	2,208,901	2,502,293	2,868,177	3,219,224
<b>Funds from Operations / Total Debt</b>			<b>28.84%</b>	<b>27.70%</b>	<b>24.95%</b>	<b>25.25%</b>	<b>21.01%</b>

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

(THOUSANDS OF DOLLARS)

\*Source 2018 EMR Workpaper IX-1 Input

Financial Statement Line Item	FERC Account	GL Account	1 Prior Year Ending Balance (2014)*	2 Prior Year Ending Balance (2015)*	3 Prior Year Ending Balance (2016)*	4 Prior Year Ending Balance (2017)*	5 Test Year Ending Balance
<b>(6) Fixed Charge Coverage</b>							
Income from continuing operations		Net Income before Extraord	252,272	260,797	275,694	432,726	336,156
Remove Non-recurring items, before tax							
Remove Equity AFUDC		<i>from above</i>	(13,518)	(11,967)	(6,457)	(10,404)	(10,406)
Add Income Tax Expense		<i>from above</i>	130,721	145,480	149,302	(9,121)	89,005
Add Interest Incurred		<i>from above</i>	106,710	113,160	120,024	123,620	132,806
Add: 1/3 of Rental Expenses		572010, 572020, 572025, 572027, 572030, 572040	166	134	134	1,256	149
Adjusted Pre-Tax Income excluding 1/3 rental expense			503,387	531,538	551,611	558,884	547,709
Interest Incurred		708010, 708060, 708115, 708140, 709000	106,710	113,160	120,024	123,620	132,806
Add: 1/3 of Rental Expenses		572010, 572020, 572025, 572027, 572030, 572040	166	134	134	1,256	149
Total Fixed Charges			106,876	113,295	120,158	124,876	132,954
Adjusted Pre-Tax Income excluding 1/3 rental expense		<i>from above</i>	503,387	531,538	551,611	558,884	547,709
Total Fixed Charges		<i>from above</i>	106,876	113,295	120,158	124,876	132,954
<b>Fixed Charge Coverage</b>			4.71	4.69	4.59	4.48	4.12
<b>(7) Fixed Charge Coverage Ratio (including Distribution on Preferred Trust Securities)</b>							
Income from continuing operations		<i>from above</i>	252,272	260,797	275,694	432,726	336,156
Remove Non-recurring items, before tax		<i>from above</i>	-	-	-	-	-
Remove Equity AFUDC		<i>from above</i>	(13,518)	(11,967)	(6,457)	(10,404)	(10,406)
Add Income Tax Expense		<i>from above</i>	130,721	145,480	149,302	(9,121)	89,005
Add Interest Incurred		<i>from above</i>	106,710	113,160	120,024	123,620	132,806
Add 1/3 Rental Expense		<i>from above</i>	166	134	134	1,256	149
Distributions on Preferred Trust Securities			-	-	-	-	-
Adjusted Pre-Tax Income excluding 1/3 rental expense			503,387	531,538	551,611	558,884	547,709
Interest Incurred		<i>from above</i>	106,710	113,160	120,024	123,620	132,806
Add 1/3 Rental Expense		<i>from above</i>	166	134	134	1,256	149
Distributions on Preferred Trust Securities		<i>from above</i>	-	-	-	-	-
Total Fixed Charges			106,876	113,295	120,158	124,876	132,954
Adjusted Pre-Tax Income		<i>from above</i>	503,387	531,538	551,611	558,884	547,709
Total Fixed Charges		<i>from above</i>	106,876	113,295	120,158	124,876	132,954
<b>Fixed Charge Coverage Ratio including Distribution on Preferred Trust Securities</b>			4.71	4.69	4.59	4.48	4.12

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

(THOUSANDS OF DOLLARS)

\*Source: 2018 EMR Workpaper IX-1 Input

Financial Statement Line Item	FERC Account	GL Account	1	2	3	4	5
			Prior Year Ending Balance (2014)*	Prior Year Ending Balance (2015)*	Prior Year Ending Balance (2016)*	Prior Year Ending Balance (2017)*	Test Year Ending Balance
<b>(8) Funds from Operations Interest Coverage</b>							
Cash Flow from Operations (Before Working Capital Changes) (2)		<i>from above</i>	567,688	631,883	636,636	741,072	693,075
Remove: AFUDC (Equity & Debt)		<i>from above</i>	(23,921)	(19,965)	(12,412)	(16,889)	(16,765)
Add: Cash Interest Paid			205,646	202,705	197,902	194,251	189,481
<b>Adjusted Cash Flow from Operations</b>			<b>749,413</b>	<b>814,623</b>	<b>822,126</b>	<b>918,434</b>	<b>865,791</b>
Interest Incurred		<i>from above</i>	106,710	113,160	120,024	123,620	132,806
Adjusted Cash Flow from Operations		<i>from above</i>	749,413	814,623	822,126	918,434	865,791
Interest Incurred		<i>from above</i>	106,710	113,160	120,024	123,620	132,806
<b>Funds from Operations Interest Coverage</b>			<b>7.02</b>	<b>7.20</b>	<b>6.85</b>	<b>7.43</b>	<b>6.52</b>
<b>(9) Net Cash Flow/Capital Outlays</b>							
Cash Flow from Operations (before working capital changes)		<i>from above</i>	567,688	631,883	636,636	741,072	693,075
Remove: AFUDC (Equity & Debt)		<i>from above</i>	(23,921)	(19,965)	(12,412)	(16,889)	(16,765)
Remove Preferred Dividends			-	-	-	-	-
Remove Common Dividends ( <i>dividend to parent</i> )			-	(252,000)	(134,400)	(180,000)	(208,800)
<b>Adjusted Cash Flow from Operations</b>			<b>543,767</b>	<b>359,918</b>	<b>489,824</b>	<b>544,183</b>	<b>467,510</b>
Cash Construction Expenditures (excluding AFUDC)		<i>from above</i>	780,301	909,641	850,086	857,160	909,556
Adjusted Cash Flow from Operations		<i>from above</i>	543,767	359,918	489,824	544,183	467,510
Cash Construction Expenditures (excluding AFUDC)		<i>from above</i>	780,301	909,641	850,086	857,160	909,556
<b>Net Cash Flow/Capital Outlays</b>			<b>69.69%</b>	<b>39.57%</b>	<b>57.62%</b>	<b>63.49%</b>	<b>51.40%</b>
<b>(10) Cash Coverage of Common Dividends</b>							
Cash Flow from Operations (before working capital changes)		<i>from above</i>	567,688	631,883	636,636	741,072	693,075
Remove: AFUDC (Equity & Debt)		<i>from above</i>	(23,921)	(19,965)	(12,412)	(16,889)	(16,765)
Remove Preferred Dividends		<i>from above</i>	-	-	-	-	-
<b>Adjusted Cash Flow from Operations</b>			<b>543,767</b>	<b>611,918</b>	<b>624,224</b>	<b>724,183</b>	<b>676,310</b>
Common Dividends		<i>from above</i>	-	252,000	134,400	180,000	208,800
Adjusted Cash Flow from Operations		<i>from above</i>	543,767	611,918	624,224	724,183	676,310
Common Dividends		<i>from above</i>	-	252,000	134,400	180,000	208,800
<b>Cash Coverage of Common Dividends</b>			<b>-</b>	<b>2.43</b>	<b>4.64</b>	<b>4.02</b>	<b>3.24</b>

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

(THOUSANDS OF DOLLARS)

\*Source: 2018 EMR Workpaper IX-1 Input

Financial Statement Line Item	FERC Account	GL Account	1	2	3	4	5
			Prior Year Ending Balance (2014)*	Prior Year Ending Balance (2015)*	Prior Year Ending Balance (2016)*	Prior Year Ending Balance (2017)*	Test Year Ending Balance
<b>(11) Return on Average Common Equity</b>							
Net Income After Preferred Dividends		<i>from above</i>	252,272	260,797	275,694	432,726	336,156
Beginning Common Equity			1,232,548	1,591,587	1,600,787	2,116,841	2,369,198
Ending Common Equity		<i>from above</i>	1,591,587	1,600,787	2,116,841	2,369,198	2,682,052
Average of Beginning and Ending Common Equity			1,412,068	1,596,187	1,858,814	2,243,020	2,525,625
Net Income After Preferred Dividends		<i>from above</i>	252,272	260,797	275,694	432,726	336,156
Average of Beginning and Ending Common Equity		<i>from above</i>	1,412,068	1,596,187	1,858,814	2,243,020	2,525,625
<b>Return on Average Common Equity</b>			17.87%	16.34%	14.83%	19.29%	13.31%

**Notes**

(1) "Interest Incurred" includes all Interest Charges, and excludes any recognition of Deferred Borrowing Costs, Capitalized Interest, and Distributions related to Preferred Trust Securities.

(2) "Cash Flow from Operations" should reflect the amount reported in the Statement of Cash Flows, less Capitalized Interest (if not already subtracted from Net Income in the Statement of Cash Flows), and should also reflect distributions related to Preferred Trust Securities

(3) "Cash Construction Expenditures" should not include any Capitalized Interest. This schedule shall provide historical financial ratios for the test year and the four fiscal years preceding the test year in the same format as the attached example, using the formulas and definitions detailed in the example. Utilities that have subsidiaries should provide ratios on a stand-alone and consolidated basis. Supporting calculations for each ratio shall be provided. Additionally, the same ratios shall be projected for the three fiscal years following the test year assuming the full requested rate relief is granted. The projected ratios shall be consistent with and incorporate the capital requirements and acquisition plan from Schedule C-2.7. The same ratios shall also be provided for the rate year (12-month period following implementation of requested rates) assuming full requested rate relief is granted and, separately, assuming no rate relief is granted. Pro-forma financial statements in sufficient detail to calculate the projected ratios shall be provided along with an explanation of all assumptions used to derive the pro-forma statements.

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

PUC Docket No. 44550  
 2014 Earnings Monitoring Report for CEHE  
 Schedule IX

CenterPoint Energy Houston Electric, LLC 12 Months Ending December 31, 2014		Historical Financial Statistics (Total Company Basis)				Schedule IX
Line	Fiscal Year	2010	2011	2012	2013	Monitoring Period
1	Total Debt as a Percent	51.44%	40.90%	54.38%	54.45%	54.22%
2	of Total Capital					
3						
4	DWP as a Percent of Net Plant	4.90%	5.73%	8.48%	10.48%	10.02%
5						
6	Construction Expenditures as a	13.61%	13.54%	13.10%	22.62%	25.34%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	3.10	6.05	4.04	5.18	4.48
10						
11	Funds From Operations / Total Debt	23.04%	25.91%	25.02%	34.41%	28.84%
12						
13						
14	Fixed Charge Coverage	3.25	6.13	4.13	5.35	4.71
15						
16	Fixed Charge Coverage (including	3.25	6.13	4.13	5.35	4.71
17	Distributions on Preferred Securities)					
18						
19	Funds From Operations Interest Coverage	5.27	4.83	8.54	7.58	7.02
20						
21	Net Cash Flow / Capital Outlays	0.85	0.94	-1.98	-0.35	0.70
22						
23						
24	Cash Coverage of Common Dividends	0.00	0.00	0.31	0.05	0.00
25						
26	AFUDC and Deferrals as a Percent	3.40%	1.81%	4.44%	6.77%	6.44%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	10.28%	18.81%	11.47%	18.18%	17.87%

[ ] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV

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

PUC Docket No. 45636  
 2015 Earnings Monitoring Report for CEHE  
 Schedule IX

CenterPoint Energy Houston Electric, LLC 12 Months Ending December 31, 2018		Historical Financial Statistics (Total Company Basis)				Schedule IX
Line	Fiscal Year:	2011	2012	2013	2014	Monitoring Period
1	Total Debt as a Percent	40.98%	54.25%	54.48%	54.22%	57.98%
2	of Total Capital					
3						
4	CVWP as a Percent of Net Plant	5.79%	5.48%	10.48%	10.02%	9.64%
5						
6	Construction Expenditures as a	12.54%	13.10%	22.62%	25.24%	24.97%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	6.06	4.04	5.19	4.46	4.48
10						
11	Funds From Operations / Total Debt	25.81%	25.02%	34.41%	28.84%	27.70%
12						
13						
14	Fixed Charge Coverage	6.13	4.13	5.36	4.71	4.69
15						
16	Fixed Charge Coverage (including	6.13	4.13	5.36	4.71	4.69
17	Distributions on Pref. Trust Securities)					
18						
19						
20	Funds From Operations Interest Coverage	4.85	6.14	7.58	7.02	7.20
21						
22	Net Cash Flow / Capital Outlays	0.94	-1.96	-0.35	0.70	0.40
23						
24	Cash Coverage of Common Dividends	0.00	0.31	0.86	0.00	2.43
25						
26	AFUDC and Deferrals as a Percent	1.81%	4.44%	5.77%	9.48%	7.66%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	16.81%	11.47%	16.18%	17.87%	16.34%

|| Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.



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

PUC Docket No. 46910  
 2016 Earnings Monitoring Report for CEHE  
 Schedule IX

CenterPoint Energy Houston Electric, LLC 12 Months Ending December 31, 2018		Historical Financial Statistics (Total Company Basis)				Schedule IX
Line	Fiscal Year:	2012	2013	2014	2015	Monitoring Period
1	Total Debt as a Percent	54.39%	54.45%	54.22%	57.96%	54.17%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	5.48%	10.48%	10.02%	6.84%	7.28%
5						
6	Construction Expenditures as a	13.10%	22.82%	26.24%	24.87%	20.17%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	4.04	5.18	4.45	4.48	4.40
10						
11	Funds From Operations / Total Debt	25.02%	24.41%	28.84%	27.70%	24.95%
12						
13						
14	Fixed Charge Coverage	4.13	5.35	4.71	4.80	4.59
15						
16	Fixed Charge Coverage (including	4.13	5.35	4.71	4.80	4.59
17	Distributions on Pref. Trust Securities)					
18						
19	Funds From Operations Interest Coverage	6.14	7.58	7.02	7.20	6.85
20						
21	Net Cash Flow / Capital Outlays	-186.11%	-35.30%	86.89%	39.57%	57.62%
22						
23						
24	Cash Coverage of Common Dividends	0.31	0.06	0.00	2.43	4.64
25						
26	AFUDC and Depreciat as a Percent	4.44%	6.77%	9.45%	7.68%	4.50%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	11.47%	18.18%	17.87%	18.34%	14.83%

[ ] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

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

PUC Docket No. 48158  
 2017 Earnings Monitoring Report for CEHE  
 Schedule IX

CenterPoint Energy Houston Electric, LLC 12 Months Ending December 31, 2017		Historical Financial Statistics (Total Company Basis)				Schedule IX
Line	Fiscal Year	2013	2014	2015	2016	Monitoring Period
1	Total Debt as a Percent	54.45%	54.22%	57.98%	54.17%	54.78%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	10.48%	10.02%	8.64%	7.29%	6.53%
5						
6	Construction Expenditures as a	22.62%	25.24%	24.97%	20.17%	17.38%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	5.19	4.46	4.48	4.49	4.34
10						
11	Funds From Operations / Total Debt	34.41%	28.84%	27.70%	24.95%	25.25%
12						
13						
14	Fixed Charge Coverage	5.35	4.71	4.69	4.59	4.48
15						
16	Fixed Charge Coverage (including	5.35	4.71	4.69	4.59	4.48
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	7.58	7.02	7.20	6.85	7.43
20						
21	Net Cash Flow / Capital Outlays	-35.30%	69.89%	39.57%	57.62%	63.49%
22						
23						
24	Cash Coverage of Common Dividends	0.66	0.00	2.43	4.64	4.02
25						
26	AFUDC and Deferrals as a Percent	6.77%	9.48%	7.66%	4.50%	3.90%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	18.18%	17.87%	16.34%	14.83%	19.28%

[ ] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	Total Company	Adjustments and Known Changes						
			WP II-D-1 Adj 1 EECRF	WP II-D-1 Adj 2 Transportation Depreciation	WP II-D-1 Adj 3 Bad Debt	WP II-D-1 Adj 4 Affiliate Wages	WP II-D-1 Adj 5 Direct Wages	WP II-D-1 Adj 6 TCOS	WP II-D-1 Adj 7 Affiliate Other
<b>Transmission Expense</b>									
<b>Operation</b>									
5600	Oper Supv & Eng	13,074,035	-	(43,205)	-	137,251	140,658	-	(3,422)
5610	Load Dispatching	-	-	-	-	-	-	-	-
5611	Load Dispatching	46,968	-	-	-	-	1,239	-	-
5612	Load Dispatching	5,073,057	-	(195)	-	-	64,127	-	-
5613	Load Dispatching	348,992	-	-	-	-	3,701	-	-
5614	Scheduling, Control, and Dispatching Services	885,002	-	(106)	-	-	14,807	-	-
5615	Reliability, Planning, and Standards	1,016,528	-	-	-	-	47,248	-	-
5617	General Studies	166,219	-	-	-	-	15,431	-	-
5620	Station Exp	186,406	-	(7,945)	-	1,738	67,678	-	(460)
5630	Overhead Line Exp	841,750	-	(25,016)	-	1,738	70,533	-	(34)
5640	Underground Line Exp	(2,005)	-	-	-	1,738	-	-	(33)
5650	Transmission of Electricity by Others	791,308,238	-	-	-	-	-	(244,701,866)	-
5660	Misc Transmission Ex	3,547,966	-	(45,964)	-	-	197,984	-	(1)
5670	Rents	97,659	-	-	-	-	-	-	-
<b>Subtotal 560-567</b>		<b>816,590,815</b>	<b>-</b>	<b>(122,431)</b>	<b>-</b>	<b>142,465</b>	<b>623,406</b>	<b>(244,701,866)</b>	<b>(3,949)</b>
<b>Maintenance</b>									
5680	Maintenance Super. & Engin.	-	-	-	-	-	-	-	-
5690	Maint of Structures	739,276	-	(11,741)	-	-	118,643	-	(549)
5700	Maint of Sta Equip	10,515,684	-	(35,715)	-	1,738	356,147	-	(1,740)
5710	Maint of Ovrrd Lines	15,561,153	-	(58,371)	-	3,476	163,742	-	(67)
5720	Maint of Undrg Lines	(2,005)	-	-	-	1,738	-	-	(33)
5730	Maint of Misc Trans	512,543	-	(329)	-	-	3,646	-	-
<b>Subtotal 568-573</b>		<b>27,326,651</b>	<b>-</b>	<b>(106,155)</b>	<b>-</b>	<b>6,952</b>	<b>642,177</b>	<b>-</b>	<b>(2,388)</b>
<b>TOTAL TRANSMISSION EXPENSE</b>		<b>843,917,466</b>	<b>-</b>	<b>(228,586)</b>	<b>-</b>	<b>149,417</b>	<b>1,265,584</b>	<b>(244,701,866)</b>	<b>(6,337)</b>
<b>Distribution Expense</b>									
<b>Operation</b>									
5810	Load Dispatching	3,327,992	-	(794)	-	-	63,032	-	-
5820	Station Exp	920,963	-	(28,826)	-	1,738	259,725	-	(1,557)
5830	Ovrrd Line Exp	3,407,158	-	(71,857)	-	3,476	423,033	-	(179)
5840	Undgr Line Exp	8,155,800	-	(92,816)	-	3,476	381,431	-	(66)
5850	St Light & Signal Ex	47,856	-	(187)	-	3,476	4,300	-	(66)
5860	Meter Exp	27,262,431	-	(99,427)	-	2,174	601,983	-	(124)
5870	Cust Installat Exp	2,920,140	-	(20,338)	-	1,738	141,177	-	(63)
5890	Rents	125,221	-	-	-	-	-	-	-
<b>Subtotal 581-589</b>		<b>46,167,561</b>	<b>-</b>	<b>(314,245)</b>	<b>-</b>	<b>16,078</b>	<b>1,874,681</b>	<b>-</b>	<b>(2,055)</b>
5800	Oper Supv & Eng	53,346,252	-	(78,012)	-	591,569	376,295	-	(24,993)
5880	Misc Distrib Exp	35,679,778	-	(64,657)	-	-	575,030	-	(228)

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOW

FERC Account	Description	WP II-D-1 Adj 8 Employee Expenses	WP II-D-1 Adj 9 Reclass Membership Dues	WP II-D-1 Adj 10 Smart Meter Texas	WP II-D-1 Adj 11 Not Used	WP II-D-1 Adj 12 AMS Transportation Depreciation	Total Known Changes	Company Total Electric
<b>Transmission Expense</b>								
<b>Operation</b>								
5600	Oper Supv & Eng	(9,088)					222,194	13,296,229
5610	Load Dispatching	-					-	-
5611	Load Dispatching	(19)					1,220	48,188
5612	Load Dispatching	(3,416)					60,516	5,133,573
5613	Load Dispatching	(315)					3,387	352,379
5614	Scheduling, Control, and Dispatching Service	(991)					13,710	898,712
5615	Reliability, Planning, and Standards	(934)					46,314	1,062,842
5617	General Studies	(251)					15,180	181,399
5620	Station Exp	(50)					60,962	247,367
5630	Overhead Line Exp	(2,368)					44,854	886,604
5640	Underground Line Exp	-					1,705	(299)
5650	Transmission of Electricity by Others	-					(244,701,866)	546,606,372
5660	Misc Transmission Ex	(5,536)					146,484	3,694,450
5670	Rents	-					-	97,659
<b>Subtotal 560-567</b>		<b>(22,966)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(244,085,341)</b>	<b>572,505,475</b>
<b>Maintenance</b>								
5680	Maintenance Super. & Engin.	-					-	-
5690	Maint of Structures	(648)					105,705	844,981
5700	Maint of Sta Equip	(2,031)					318,400	10,834,083
5710	Maint of Ovrhd Lines	(5,517)					103,263	15,664,416
5720	Maint of Undrg Lines	-					1,705	(299)
5730	Maint of Misc Trans	(590)					2,727	515,269
<b>Subtotal 568-573</b>		<b>(8,786)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>531,800</b>	<b>27,858,451</b>
<b>TOTAL TRANSMISSION EXPENSE</b>		<b>(31,752)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(243,553,541)</b>	<b>600,363,925</b>
<b>Distribution Expense</b>								
<b>Operation</b>								
5810	Load Dispatching	(2,294)					59,943	3,387,936
5820	Station Exp	(427)					230,653	1,151,616
5830	Ovrhd Line Exp	(13,017)					341,455	3,748,613
5840	Undrg Line Exp	(8,967)					283,059	8,438,859
5850	St Light & Signal Ex	(105)					7,418	55,274
5860	Meter Exp	(8,342)		3,565,312		(9,010)	4,052,566	31,314,997
5870	Cust Installat Exp	(759)					121,755	3,041,895
5890	Rents	-					-	125,221
<b>Subtotal 581-589</b>		<b>(33,912)</b>	<b>-</b>	<b>3,565,312</b>	<b>-</b>	<b>(9,010)</b>	<b>5,096,850</b>	<b>51,264,411</b>
5800	Oper Supv & Eng	(24,145)					840,714	54,186,966
5880	Misc Distrib Exp	(26,299)					483,846	36,163,624

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	Total Company	Adjustments and Known Changes						
			WP II-D-1 Adj 1 EECRF	WP II-D-1 Adj 2 Transportation Depreciation	WP II-D-1 Adj 3 Bad Debt	WP II-D-1 Adj 4 Affiliate Wages	WP II-D-1 Adj 5 Direct Wages	WP II-D-1 Adj 6 TCOS	WP II-D-1 Adj 7 Affiliate Other
<b>Subtotal 580 &amp; 588</b>		<b>89,026,031</b>	-	(142,670)	-	591,569	951,325	-	(25,221)
<b>Distribution-Operation-Total</b>		<b>135,193,592</b>	-	(456,914)	-	607,648	2,826,006	-	(27,276)
<b>Maintenance</b>									
5910	Maint of Structures	819,730	-	(1,521)	-	-	28,704	-	-
5920	Maint of Sta Equip	12,536,159	-	(41,591)	-	-	475,384	-	(1,963)
5930	Maint of Ovhd Lines	84,708,974	-	(172,836)	-	7,270	923,360	-	(168,539)
5940	Maint of Undrg Lines	12,990,399	-	(37,418)	-	-	276,085	-	(571)
5950	Maint of Lane Transf	4,970,048	-	-	-	-	-	-	-
5960	Maint St Lite & Sig	3,727,377	-	(9,916)	-	-	55,766	-	(769)
5970	Maint of Meters	7,758,421	-	-	-	1,738	-	-	(33)
5980	Maint. of Misc Dist. Plant.(371&372)	2,052,528	-	(3)	-	-	291	-	-
<b>Subtotal 591-598</b>		<b>129,563,636</b>	-	(263,285)	-	9,008	1,759,590	-	(171,875)
5900	Maint Supv & Eng	5,521,333	-	(4,229)	-	-	27,487	-	-
5982	Maint. of Misc Dist Plant. - OTHER	-	-	-	-	-	-	-	-
<b>Subtotal 590 &amp; 598.2</b>		<b>5,521,333</b>	-	(4,229)	-	-	27,487	-	-
<b>TOTAL DISTRIBUTION EXPENSE</b>		<b>270,278,561</b>	-	(724,429)	-	616,656	4,613,083	-	(199,152)
<b>Customer Accounting Expenses</b>									
9020	Meter Reading Exp	1,494,852	-	(1,958)	-	4,670	1,792	-	-
9030	Cust Records & Colle	31,249,862	-	(23,641)	-	379,424	148,295	-	(30)
<b>Subtotal 902-903</b>		<b>32,744,714</b>	-	(25,599)	-	384,094	150,087	-	(30)
9010	Supervision	-	-	-	-	-	-	-	-
9040	Uncollectible Accts	64,611	-	-	523,182	-	-	-	-
9050	Misc. Customer Acct Expense	-	-	-	-	-	-	-	-
<b>Subtotal Customer Accounting</b>		<b>64,611</b>	-	-	<b>523,182</b>	-	-	-	-
<b>Cust. Service &amp; Information Expense</b>									
9060	Customer Svc. & Infor.	-	-	-	-	-	-	-	-
9080	Customer Assistance	33,734,464	(30,747,357)	(2,519)	-	316	97,819	-	-
9090	Inform. & Instruct. Adv. Exp.	3,913,591	-	(227)	-	257,598	3,180	-	-
<b>Subtotal 906-909</b>		<b>37,648,055</b>	<b>(30,747,357)</b>	<b>(2,747)</b>	-	<b>257,913</b>	<b>100,999</b>	-	-
9070	Supervision	627,497	(627,497)	-	-	-	-	-	-
9100	Misc Cust. Service & Inform.	228,435	-	-	-	-	-	-	-
<b>Subtotal 907 &amp; 910</b>		<b>855,932</b>	<b>(627,497)</b>	-	-	-	-	-	-

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOW

FERC Account	Description	WP II-D-1 Adj 8 Employee Expenses	WP II-D-1 Adj 9 Reclass Membership Dues	WP II-D-1 Adj 10 Smart Meter Texas	WP II-D-1 Adj 11 Not Used	WP II-D-1 Adj 12 AMS Transportation Depreciation	Total Known Changes	Company Total Electric
<b>Subtotal 580 &amp; 588</b>		<b>(50,444)</b>	-	-	-	-	<b>1,324,560</b>	<b>90,350,590</b>
<b>Distribution-Operation-Total</b>		<b>(84,356)</b>	-	<b>3,565,312</b>	-	<b>(9,010)</b>	<b>6,421,410</b>	<b>141,615,001</b>
<b>Maintenance</b>								
5910	Maint of Structures	(558)				26,625		846,356
5920	Maint of Sta Equip	(4,184)				427,645		12,963,804
5930	Maint of Ovhd Lines	(24,922)				564,333		85,273,307
5940	Maint of Undrg Lines	(10,407)				227,689		13,218,088
5950	Maint of Line Transf	-				-		4,970,048
5960	Maint Sl Lite & Sig	(755)				44,326		3,771,703
5970	Maint of Meters	-				1,705		7,760,126
5980	Maint. of Misc. Dist. Plant.(371&372)	(2,250)				(1,962)		2,050,567
<b>Subtotal 591-598</b>		<b>(43,076)</b>	-	-	-	-	<b>1,290,361</b>	<b>130,853,998</b>
5900	Maint Supv & Eng	(17,059)				6,199		5,527,532
5982	Maint. of Misc Dist. Plant. - OTHER	-				-		-
<b>Subtotal 590 &amp; 598.2</b>		<b>(17,059)</b>	-	-	-	-	<b>6,199</b>	<b>5,527,532</b>
<b>TOTAL DISTRIBUTION EXPENSE</b>		<b>(144,490)</b>	-	<b>3,565,312</b>	-	<b>(9,010)</b>	<b>7,717,970</b>	<b>277,996,531</b>
<b>Customer Accounting Expenses</b>								
9020	Meter Reading Exp	(148)				4,355		1,499,207
9030	Cust Records & Colle	(13,521)				490,527		31,740,389
<b>Subtotal 902-903</b>		<b>(13,669)</b>	-	-	-	-	<b>494,882</b>	<b>33,239,596</b>
9010	Supervision	-				-		-
9040	Uncollectable Accts	-				523,182		587,792
9050	Misc Customer Acct Expense	-				-		-
<b>Subtotal Customer Accounting</b>		-	-	-	-	-	<b>523,182</b>	<b>587,792</b>
<b>Cust. Service &amp; Information Expense</b>								
9060	Customer Svc & Infor.	-				-		-
9080	Customer Assistance	(32,582)				(30,684,324)		3,050,140
9090	Inform. & Instruct. Adv. Exp	(320)				260,231		4,173,822
<b>Subtotal 906-909</b>		<b>(32,902)</b>	-	-	-	-	<b>(30,424,093)</b>	<b>7,223,961</b>
9070	Supervision	-				(627,497)		-
9100	Misc. Cust. Service & Inform	-	(221,575)			(221,575)		6,861
<b>Subtotal 907 &amp; 910</b>		-	<b>(221,575)</b>	-	-	-	<b>(849,072)</b>	<b>6,861</b>

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	Total Company	Adjustments and Known Changes						
			WP II-D-1 Adj 1 EECRF	WP II-D-1 Adj 2 Transportation Depreciation	WP II-D-1 Adj 3 Bad Debt	WP II-D-1 Adj 4 Affiliate Wages	WP II-D-1 Adj 5 Direct Wages	WP II-D-1 Adj 6 TCOS	WP II-D-1 Adj 7 Affiliate Other
<b>TOTAL CUSTOMER SERVICE &amp; INFO.</b>		<b>71,313,312</b>	<b>(31,374,854)</b>	<b>(28,346)</b>	<b>523,182</b>	<b>642,007</b>	<b>251,086</b>	<b>-</b>	<b>(30)</b>
<b>Sales Expense</b>									
9120	Demonstrating & Selling Exp	-	-	-	-	-	-	-	-
9130	Advertising Exp	-	-	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-	-	-	-
<b>Subtotal 912-917</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
9110	Supervision	-	-	-	-	-	-	-	-
9160	Misc. Sales Exp.	-	-	-	-	-	-	-	-
<b>Subtotal -Sales</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL SALES EXPENSE</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL O&amp;M EXPENSE</b>		<b>1,185,509,339</b>	<b>(31,374,854)</b>	<b>(981,361)</b>	<b>523,182</b>	<b>1,408,080</b>	<b>6,129,753</b>	<b>(244,701,866)</b>	<b>(205,519)</b>
Check		-	(0.00)	(992,367)	523	3,771,882	(0)	(244,702)	(206)
Rounded to Thousands			(31,375)	(981)	523	1,408	6,130	(244,702)	(206)

Adjustment Description

Adjustment	Description
WP II-D-1 Adj 1	Adjustment due to Energy Efficiency
WP II-D-1 Adj 2	Adjustment due to Depreciation Study (Transportation)
WP II-D-1 Adj 3	Adjustment to include Bad Debt Amortization Expense
WP II-D-1 Adj 4	Adjustment to Affiliate Wages
WP II-D-1 Adj 5	Adjustment to Direct Wages
WP II-D-1 Adj 6	Adjustment to TCOS, see WP tab TCOS Calculation
WP II-D-1 Adj 7	Adjustment to Affiliate other expenses
WP II-D-1 Adj 8	Adjustment to remove certain employee expenses
WP II-D-1 Adj 9	Adjustment to reclass membership dues
WP II-D-1 Adj 10	Adjustment due to Smart Meter Texas
WP II-D-1 Adj 11	Adjustment for Affiliate Employee Expenses
WP II-D-1 Adj 12	Adjustment for AMS Transportation Depreciation

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

WORKPAPER WP/II-D-1 - ADJUSTMENTS AND KNOW

FERC Account	Description	WP II-D-1 Adj 8 Employee Expenses	WP II-D-1 Adj 9 Reclass Membership Dues	WP II-D-1 Adj 10 Smart Meter Texas	WP II-D-1 Adj 11 Not Used	WP II-D-1 Adj 12 AMS Transportation Depreciation	Total Known Changes	Company Total Electric
<b>TOTAL-CUSTOMER SERVICE &amp; INFO.</b>		<b>(46,571)</b>	<b>(221,575)</b>	-	-	-	<b>(30,255,101)</b>	<b>41,058,210</b>
<b>Sales Expense</b>								
9120	Demonstrating & Selling Exp.	-	-	-	-	-	-	-
9130	Advertising Exp.	-	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-	-	-
<b>Subtotal 912-917</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
9110	Supervision	-	-	-	-	-	-	-
9160	Misc. Sales Exp.	-	-	-	-	-	-	-
<b>Subtotal -Sales</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL SALES EXPENSE</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL O&amp;M EXPENSE</b>		<b>(222,813)</b>	<b>(221,575)</b>	<b>3,565,312</b>	<b>-</b>	<b>(9,010)</b>	<b>(266,090,672)</b>	<b>919,418,667</b>
Check		(240,557)						
Rounded to Thousands		(223)	(222)	3,565	-	(9)	(266,091)	

Adjustment Description	Adjustment
WP II-D-1 Adj 1	
WP II-D-1 Adj 2	
WP II-D-1 Adj 3	
WP II-D-1 Adj 4	
WP II-D-1 Adj 5	
WP II-D-1 Adj 6	
WP II-D-1 Adj 7	
WP II-D-1 Adj 8	
WP II-D-1 Adj 9	
WP II-D-1 Adj 10	
WP II-D-1 Adj 11	
WP II-D-1 Adj 12	



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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2017**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
1070	Constr Work in Prog	0.00
1630	Stores Exp Undist	0.00
1810	Unamort Debt Disc/Ex	0.00
1823	Oth Regulatory Asset	0.00
1840	Clearing Accts	0.00
1860	Misc Deferred Debits	0.00
2281	Accum Prov-Prop Ins	0.00
2282	AccumProv-Inj/Damage	0.00
2320	Accounts Payable	0.00
2350	Customer Deposits	0.00
2420	Misc Curr & Acc Liab	0.00
4030	Depreciation	343,640,655.68
4040	Amort Lmt-Term Plant	987,646.78
4050	Amort Other Plant	39,604,003.99
4081	Other Taxes-Non-Inc	263,541,653.31
4091	Inc Taxes-Oper Inc	70,271,682.00
4101	Prov For Def Inc Tax	(80,475,648.00)
4111	Def Inc Tax-Credit	(17,355,130.00)
4171	Exp-Nonutility Oper	11.99
4190	Interest & Div Inc	(1,907,436.67)
4191	AFUDC Other	(10,403,980.92)
4210	Misc NonOper Income	(3,194,748.80)
4211	Gain On Disp of Prop	(4,812,393.55)
4261	Donations	1,667,787.04
4262	Life Insurance	6,303,209.31
4263	Penalties	21,653.10
4264	Expd For Civic Act	6,326,165.40
4265	Other Deductions	212,814.76
4270	Interest On L-T Debt	115,134,427.68
4280	Amort of Debt Disc	2,889,668.87
4281	Amor Loss-Reacq Debt	8,203,882.04
4300	In-Debt To Assoc Cos	61,754.07

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2017**

Source: SAP ZF16

FERC	FERC Account	Total
4310	Other Interest Exp	8,380,508.31
4320	Borrowed AFUDC-CR	(6,485,148.41)
4390	Adj To Retained Earn	180,000,000.00
4400	Residential Sales-EI	(1,135,111,640.21)
4421	Commercial sales	(695,965,468.16)
4422	Industrial sales	(326,528,993.38)
4440	St & Highway Lightin	(31,296,261.81)
4500	Forfeited Discounts	(264,275.03)
4510	Misc Service Rev	(18,902,809.46)
4540	Rent From Prop	(28,341,360.09)
4560	Other Electric Rev	(87,760,159.00)
4561	Rev-Transm of Elec of Oth	(265,354,795.17)
5600	Oper Supv & Eng	11,123,808.45
5611	LoadDispatch-Reliability	56,080.74
5612	LdDsptch-Mntr&OpTransSyst	4,483,721.83
5613	LdDsptch-TransSrv&Sched	275,605.00
5614	Schd,SystCntrl&DsptchSrv	771,263.43
5615	Reliably,Plng&StndrdsDev	787,023.05
5617	GeneratnIntrcnctnStudies	119,218.31
5620	Station Exp	93,857.09
5630	Overhead Line Exp	843,724.82
5640	Underground Line Exp	(2,792.13)
5650	Elec Tranns-by Oth	823,024,536.95
5660	Misc Transmission Ex	3,442,889.02
5670	Rents	139,164.15
5690	Maint of Structures	568,645.87
5700	Maint of Sta Equip	7,818,473.71
5710	Maint of Ovrhd Lines	13,523,550.06
5720	Maint of Undrg Lines	(2,792.13)
5730	Maint of Misc Trans	450,942.71
5800	Oper Supv & Eng	49,265,120.02
5810	Load Dispatching	3,062,676.00

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2017**

Source: SAP ZF16

FERC	FERC Account	Total
5820	Station Exp	1,615,082.21
5830	Ovrhd Line Exp	2,655,108.01
5840	Undrgr Line Exp	7,469,641.26
5850	St Light & Signal Ex	54,174.25
5860	Meter Exp	22,934,630.86
5870	Cust Installat Exp	2,750,679.79
5880	Misc Distrib Exp	32,547,058.97
5890	Rents	436,791.14
5900	Maint Supv & Eng	5,562,873.34
5910	Maint of Structures	770,672.27
5920	Maint of Sta Equip	12,180,647.07
5930	Maint of Ovhd Lines	75,173,398.41
5940	Maint of Undrg Lines	9,811,406.79
5950	Maint of Line Transf	4,668,939.05
5960	Maint St Lite & Sig	3,296,795.94
5970	Maint of Meters	6,915,606.62
5980	Maint of Misc Distr	1,947,340.39
9010	Supervision	2.49
9020	Meter Reading Exp	1,471,330.96
9030	Cust Records & Colle	30,822,637.65
9040	Uncollectible Accts	60,629.10
9070	Supervision	592,984.37
9080	Cust Assistance Exp	31,613,998.79
9090	Info & Instruc Adv	3,338,253.26
9100	Misc Cust Srv & Info	8,247.90
9200	Admin & Gen Salaries	661,626.99
9210	Office Supplies & Ex	1,742,135.35
9230	Outside Services Emp	1,093,482.35
9240	Property Insurance	7,393,569.31
9250	Injuries & Damages	16,950,989.26
9260	Empl Pensions&Ben	56,979,390.36
9280	Regulatory Comm Exp	35,879.04

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2017**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
9301	Gen Advertising Exp	513,457.57
9302	Misc General Exps	136,418,453.73
9310	Rents	11,338,777.62
9350	Maint of Gen Plant	2,515,603.59
CLRE	Clearing Engineering OH	0.00
CLRO	Clearing Other	0.00
CLRP	Clearing Production Order	0.00
CLRS	Clearing Stores	0.00
CLRT	Clearing Transportation	0.00
H210	Land & Field Svcs	0.00
M210	Square Footage	0.00
<b>** Natural Account Sorted by FERC Account</b>		<b>(252,725,711.32)</b>
<b>FERC Balance 5600 - 9350</b>		<b>1,414,187,013.01</b>

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2016**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
1070	Constr Work in Prog	0.00
1630	Stores Exp Undist	0.00
1810	Unamort Debt Disc/Ex	0.00
1823	Oth Regulatory Asset	0.00
1840	Clearing Accts	0.00
1860	Misc Deferred Debits	0.00
2281	Accum Prov-Prop Ins	0.00
2282	AccumProv-Inj/Damage	0.00
2320	Accounts Payable	0.00
2350	Customer Deposits	0.00
2420	Misc Curr & Acc Liab	0.00
2530	Oth Defered Credits	0.00
4030	Depreciation	339,095,796.93
4040	Amort Lmt-Term Plant	(1,687,926.23)
4050	Amort Other Plant	35,787,448.55
4081	Other Taxes-Non-Inc	258,652,416.90
4091	Inc Taxes-Oper Inc	165,709,842.00
4101	Prov For Def Inc Tax	(15,853,690.40)
4111	Def Inc Tax-Credit	(18,311,319.00)
4171	Exp-Nonutility Oper	473.70
4190	Interest & Div Inc	(590,903.70)
4191	AFUDC Other	(6,456,538.28)
4210	Misc NonOper Income	(8,092,960.29)
4211	Gain On Disp of Prop	(835,084.07)
4261	Donations	447,715.07
4262	Life Insurance	6,009,104.26
4263	Penalties	87,029.64
4264	Expd For Civic Act	4,737,818.93
4265	Other Deductions	191,910.99
4270	Interest On L-T Debt	100,131,622.56
4280	Amort of Debt Disc	2,089,399.91
4281	Amor Loss-Reacq Debt	9,489,951.60

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2016**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
4300	In-Debt To Assoc Cos	3,893,294.47
4310	Other Interest Exp	15,959,210.26
4320	Borrowed AFUDC-CR	(5,955,295.71)
4390	Adj To Retained Earn	134,400,000.00
4400	Residential Sales-EI	(1,093,200,523.46)
4421	Commercial sales	(663,009,667.15)
4422	Industrial sales	(302,248,649.81)
4440	St & Highway Lightin	(30,892,774.05)
4500	Forfeited Discounts	(73,167.80)
4510	Misc Service Rev	(25,861,100.21)
4540	Rent From Prop	(31,567,440.41)
4560	Other Electric Rev	(111,458,636.20)
4561	Rev-Transm of Elec of Oth	(247,286,247.24)
5600	Oper Supv & Eng	9,732,935.34
5611	LoadDispatch-Reliability	53,080.42
5612	LdDsptch-Mntr&OpTransSyst	4,685,641.99
5613	LdDsptch-TransSrcv&Sched	324,199.40
5614	Schd,SystCntrl&DsptchSrcv	829,110.79
5615	Reliably,Png&StndrdsDev	735,123.99
5617	GeneratnIntrnctnStudies	102,548.37
5620	Station Exp	101,852.28
5630	Overhead Line Exp	769,691.59
5640	Underground Line Exp	(838.61)
5650	Elec Tranms-by Oth	767,383,191.51
5660	Misc Transmission Ex	3,265,699.29
5670	Rents	55,564.59
5690	Maint of Structures	561,041.00
5700	Maint of Sta Equip	7,229,215.61
5710	Maint of Ovrhd Lines	14,630,656.56
5720	Maint of Undrg Lines	(838.61)
5730	Maint of Misc Trans	466,259.16
5800	Oper Supv & Eng	44,372,198.34

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2016**

Source: SAP ZF16

FERC	FERC Account	Total
5810	Load Dispatching	3,586,886.05
5820	Station Exp	1,592,706.31
5830	Ovrhd Line Exp	2,697,926.11
5840	Undrgr Line Exp	6,725,125.47
5850	St Light & Signal Ex	57,070.27
5860	Meter Exp	29,102,463.48
5870	Cust Installat Exp	2,661,611.36
5880	Misc Distrib Exp	28,639,103.20
5890	Rents	54,574.06
5900	Maint Supv & Eng	5,306,081.66
5910	Maint of Structures	1,281,689.83
5920	Maint of Sta Equip	12,036,340.51
5930	Maint of Ovhd Lines	74,669,760.61
5940	Maint of Undrg Lines	8,857,026.50
5950	Maint of Line Transf	4,653,181.08
5960	Maint St Lite & Sig	4,086,709.39
5970	Maint of Meters	6,957,488.29
5980	Maint of Misc Distr	1,083,229.59
9010	Supervision	1.28
9020	Meter Reading Exp	1,388,064.45
9030	Cust Records & Colle	32,810,491.09
9040	Uncollectible Accts	110,510.42
9070	Supervision	651,309.04
9080	Cust Assistance Exp	34,516,059.89
9090	Info & Instruc Adv	3,001,287.57
9100	Misc Cust Srv & Info	133,995.81
9200	Admin & Gen Salaries	693,857.53
9210	Office Supplies & Ex	1,791,731.17
9230	Outside Services Emp	925,857.24
9240	Property Insurance	7,688,093.87
9250	Injuries & Damages	12,088,202.28
9260	Empl Pensions&Ben	58,199,015.98

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2016**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
9280	Regulatory Comm Exp	166,881.00
9301	Gen Advertising Exp	608,513.83
9302	Misc General Exps	127,567,657.98
9310	Rents	11,306,121.11
9350	Maint of Gen Plant	2,411,918.33
CLRO	Clearing Other	0.00
CLRP	Clearing Production Order	0.00
CLRS	Clearing Stores	0.00
CLRT	Clearing Transportation	0.00
H210	Land & Field Svcs	0.00
M210	Square Footage	0.00
<b>** Natural Account Sorted by FERC Account</b>		<b>(141,294,011.59)</b>
<b>FERC Balance 5600 - 9350</b>		<b>1,345,404,876.65</b>



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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2015**

Source: SAP ZF16

FERC	FERC Account	Total
1630	Stores Exp Undist	0.00
1823	Oth Regulatory Asset	0.00
1840	Clearing Accts	0.00
1860	Misc Deferred Debits	0.00
2281	Accum Prov-Prop Ins	0.00
2282	AccumProv-Inj/Damage	0.00
2320	Accounts Payable	0.00
2350	Customer Deposits	0.00
2530	Oth Defered Credits	0.00
4030	Depreciation	307,258,309.02
4040	Amort Lmt-Term Plant	(2,628,489.62)
4050	Amort Other Plant	25,805,700.13
4081	Other Taxes-Non-Inc	252,788,684.47
4091	Inc Taxes-Oper Inc	105,473,112.00
4101	Prov For Def Inc Tax	31,579,834.00
4111	Def Inc Tax-Credit	(13,131,123.00)
4171	Exp-Nonutility Oper	12,462.83
4190	Interest & Div Inc	322,956.74
4191	AFUDC Other	(11,966,616.26)
4210	Misc NonOper Income	(9,534,948.75)
4211	Gain On Disp of Prop	0.00
4261	Donations	866,039.97
4262	Life Insurance	6,757,843.99
4263	Penalties	3,960.18
4264	Expd For Civic Act	5,124,720.27
4265	Other Deductions	184,707.22
4270	Interest On L-T Debt	93,776,555.45
4280	Amort of Debt Disc	1,558,098.99
4281	Amor Loss-Reacq Debt	10,659,518.13
4300	In-Debt To Assoc Cos	1,212,095.82
4310	Other Interest Exp	18,173,224.57
4320	Borrowed AFUDC-CR	(7,997,928.60)

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2015**

Source: SAP ZF16

FERC	FERC Account	Total
4390	Adj To Retained Earn	252,000,000.00
4400	Residential Sales-El	(1,101,321,484.85)
4421	Commercial sales	(654,732,119.18)
4422	Industrial sales	(294,192,207.93)
4440	St & Highway Lightin	(27,157,251.07)
4500	Forfeited Discounts	(36,326.56)
4510	Misc Service Rev	(29,001,219.32)
4540	Rent From Prop	(31,673,085.01)
4560	Other Electric Rev	(9,524,747.90)
4561	Rev-Transm of Elec of Oth	(217,579,176.38)
5600	Oper Supv & Eng	8,685,906.94
5611	LoadDispatch-Reliability	39,070.74
5612	LdDsptch-Mntr&OpTransSyst	4,276,139.99
5613	LdDsptch-TransSrv&Sched	207,320.35
5614	Schd,SystCntrl&DsptchSrv	705,999.14
5615	Reliably,Plng&StndrdsDev	702,117.06
5617	GeneratnIntrcnctnStudies	88,542.29
5620	Station Exp	105,403.42
5630	Overhead Line Exp	870,500.91
5640	Underground Line Exp	0.00
5650	Elec Tranms-by Oth	712,144,135.03
5660	Misc Transmission Ex	3,321,580.24
5670	Rents	15,843.62
5690	Maint of Structures	415,609.51
5700	Maint of Sta Equip	6,618,121.86
5710	Maint of Ovrhd Lines	12,998,641.78
5720	Maint of Undrg Lines	0.00
5730	Maint of Misc Trans	487,711.31
5800	Oper Supv & Eng	38,567,018.64
5810	Load Dispatching	3,515,619.46
5820	Station Exp	1,595,777.74
5830	Ovrhd Line Exp	3,055,505.47

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2015**

Source: SAP ZF16

FERC	FERC Account	Total
5840	Undrgr Line Exp	6,887,753.70
5850	St Light & Signal Ex	88,735.82
5860	Meter Exp	30,358,924.47
5870	Cust Installat Exp	2,918,702.94
5880	Misc Distrib Exp	28,509,568.19
5890	Rents	155,770.53
5900	Maint Supv & Eng	5,644,939.16
5910	Maint of Structures	1,231,568.57
5920	Maint of Sta Equip	12,440,674.74
5930	Maint of Ovhd Lines	68,331,128.77
5940	Maint of Undrg Lines	9,274,425.42
5950	Maint of Line Transf	4,673,346.48
5960	Maint St Lite & Sig	4,767,749.78
5970	Maint of Meters	6,485,789.13
5980	Maint of Misc Distr	1,087,690.36
9010	Supervision	39.68
9020	Meter Reading Exp	1,507,888.20
9030	Cust Records & Colle	33,843,283.80
9040	Uncollectible Accts	128,811.41
9070	Supervision	732,596.16
9080	Cust Assistance Exp	38,936,173.55
9090	Info & Instruc Adv	2,992,229.87
9100	Misc Cust Srv & Info	228,206.17
9200	Admin & Gen Salaries	580,339.85
9210	Office Supplies & Ex	1,900,621.77
9230	Outside Services Emp	1,025,169.94
9240	Property Insurance	8,219,822.79
9250	Injuries & Damages	20,736,429.72
9260	Empl Pensions&Ben	56,739,020.10
9280	Regulatory Comm Exp	416,053.67
9301	Gen Advertising Exp	317,481.00
9302	Misc General Exps	124,506,230.71

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

**FERC Account Balance  
 O & M Expense  
 For the Year Ended 12/31/2015**

Source: SAP ZF16

<b>FERC</b>	<b>FERC Account</b>	<b>Total</b>
9310	Rents	11,228,687.89
9350	Maint of Gen Plant	2,809,494.89
CLRO	Clearing Other	0.00
CLRP	Clearing Production Order	0.00
CLRS	Clearing Stores	0.00
CLRT	Clearing Transportation	0.00
H210	Land & Field Svcs	0.00
<b>** Natural Account Sorted by FERC Account</b>		<b>(8,796,985.92)</b>

**FERC Balance 5600 - 9350**

**1,288,121,914.73**

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

Source: SAP Data		001/2018	002/2018	003/2018	004/2018	005/2018	006/2018	007/2018	008/2018	009/2018	10 2018
FERC Account	Description	January	February	March	April	May	June	July	August	September	October
<b>Transmission Expense</b>											
<b>Operation</b>											
5600	Operation Super. & Engin.	1,049,073	873,431	1,105,919	1,016,188	1,108,676	1,059,412	1,177,324	1,005,538	965,135	1,298,810
5610	Load Dispatching	-	-	-	-	-	-	-	-	-	-
5611	Load Dispatching	4,522	4,481	3,674	3,526	3,890	3,513	3,673	3,775	3,881	4,328
5612	Load Dispatching	348,425	390,616	404,515	392,997	380,471	432,013	344,505	362,195	412,955	419,874
5613	Load Dispatching	18,980	26,501	29,611	24,999	23,008	17,711	16,939	16,327	20,389	22,656
5614	Scheduling, Control, and Dispatching Services	36,313	42,797	123,523	42,022	40,490	112,460	30,454	115,106	46,910	39,172
5615	Reliability, Planning, and Standards	69,832	87,017	85,056	76,012	77,032	80,694	84,075	74,628	99,328	84,256
5617	General Studies	15,212	18,303	11,735	8,371	12,846	10,361	13,570	9,642	27,330	10,818
5620	Station Equipment	21,309	(456)	2,761	4,063	21,436	5,514	22,346	10,717	12,800	16,597
5630	Overhead Line Expense	76,245	61,307	59,803	62,647	95,096	57,131	54,517	65,110	59,260	66,331
5640	Underground Line Expense	102	(504)	(1,036)	378	(214)	(484)	(415)	213	(225)	(112)
5650	Transmission of Electricity by Others	68,859,867	68,913,958	62,404,436	66,192,757	65,405,687	66,370,909	65,328,515	65,687,077	65,760,806	67,413,025
5660	Misc Transmission Expense	292,803	265,455	347,340	234,294	360,067	300,752	294,861	352,258	267,106	268,972
5670	Rents	6,767	15,767	6,767	6,767	6,767	6,767	6,767	11,493	6,910	7,933
<b>Subtotal 560-567</b>		<b>70,799,448</b>	<b>70,698,676</b>	<b>64,584,102</b>	<b>68,065,019</b>	<b>67,535,252</b>	<b>68,456,752</b>	<b>67,377,131</b>	<b>67,714,079</b>	<b>67,682,586</b>	<b>69,652,661</b>
<b>Maintenance</b>											
5680	Maintenance Super. & Engin	-	-	-	-	-	-	-	-	-	-
5690	Maint. of Structures	44,188	20,030	67,558	63,003	46,987	65,944	89,634	46,746	76,815	61,201
5700	Maint. of Station Equipment	1,135,197	841,020	883,487	715,583	836,900	745,834	622,312	845,609	815,249	823,756
5710	Maint. of Overhead Lines	560,121	791,201	1,566,209	929,727	1,710,361	1,002,593	1,123,291	1,366,318	1,724,417	1,001,493
5720	Maint. of Underground Lines	102	(504)	(1,036)	378	(214)	(484)	(415)	213	(225)	(112)
5730	Maint. of Misc Trans.Plant	31,062	32,786	62,134	28,591	30,696	62,374	29,855	66,108	30,035	30,299
<b>Subtotal 568-573</b>		<b>1,770,671</b>	<b>1,684,533</b>	<b>2,578,352</b>	<b>1,737,281</b>	<b>2,624,731</b>	<b>1,876,262</b>	<b>1,864,676</b>	<b>2,324,995</b>	<b>2,646,291</b>	<b>1,916,637</b>
<b>TOTAL TRANSMISSION EXPENSE</b>		<b>72,570,119</b>	<b>72,383,209</b>	<b>67,162,454</b>	<b>69,802,300</b>	<b>70,159,983</b>	<b>70,333,014</b>	<b>69,241,808</b>	<b>70,039,074</b>	<b>70,328,878</b>	<b>71,569,297</b>
<b>Distribution Expense</b>											
<b>Operation</b>											
5810	Load Dispatching	210,884	239,301	292,714	245,495	235,060	295,753	214,953	257,495	253,540	257,628
5820	Station Expense	80,436	19,166	47,105	27,137	91,182	46,770	101,204	49,048	64,583	80,056
5830	Overhead Line Expense -Primary	255,081	233,058	152,803	276,725	269,885	304,925	337,073	314,066	305,701	151,540
5840	Underground Line Expense	611,004	521,496	721,742	613,522	654,849	693,039	736,384	802,837	696,057	543,714
5850	Street Lights	6,172	73	(5,463)	9,099	3,507	488	1,256	8,552	3,537	6,356
5860	Meter Expenses	1,791,738	1,885,708	2,811,524	2,299,179	2,637,682	2,589,959	1,671,187	2,375,754	1,917,164	2,561,507
5870	Customer Installation Expense	227,374	219,420	196,699	247,916	222,998	243,954	263,711	263,036	243,555	256,710
5890	Rents	6,767	6,767	6,767	6,877	6,767	6,767	6,767	36,815	6,910	13,416
<b>Subtotal 581-589</b>		<b>3,189,455</b>	<b>3,124,990</b>	<b>4,222,892</b>	<b>3,725,951</b>	<b>4,121,929</b>	<b>4,181,656</b>	<b>3,332,534</b>	<b>4,107,643</b>	<b>3,491,048</b>	<b>3,870,927</b>
5800	Operation Super. & Engin.	3,723,195	3,475,333	4,580,829	3,906,348	4,335,670	4,127,102	4,508,931	4,347,191	4,109,705	6,011,282
5880	Misc. Distribution Expenses	2,994,045	2,427,822	3,015,485	3,139,974	2,796,579	2,561,884	3,105,868	3,263,198	3,063,079	3,371,775
<b>Subtotal 580 &amp; 588</b>		<b>6,717,240</b>	<b>5,903,155</b>	<b>7,596,314</b>	<b>7,046,322</b>	<b>7,132,249</b>	<b>6,688,987</b>	<b>7,614,799</b>	<b>7,610,388</b>	<b>7,172,784</b>	<b>9,383,057</b>
<b>Distribution-Operation-Total</b>		<b>9,906,696</b>	<b>9,028,145</b>	<b>11,820,205</b>	<b>10,772,273</b>	<b>11,254,178</b>	<b>10,870,643</b>	<b>10,947,333</b>	<b>11,718,031</b>	<b>10,663,832</b>	<b>13,253,984</b>

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

Source: SAP Data		11 2018	12 2018				
FERC Account	Description	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
<b>Transmission Expense</b>							
<b>Operation</b>							
5600	Operation Super & Engin.	1,094,130	1,320,398	13,074,035	-	222,194	13,296,229
5610	Load Dispatching	-	-	-	-	-	-
5611	Load Dispatching	3,873	3,833	46,968	-	1,220	48,188
5612	Load Dispatching	418,843	765,646	5,073,057	-	60,516	5,133,573
5613	Load Dispatching	16,996	114,876	348,992	-	3,387	352,379
5614	Scheduling, Control, and Dispatching Services	111,678	144,077	885,002	-	13,710	898,712
5615	Reliability, Planning, and Standards	80,457	118,142	1,016,528	-	46,314	1,062,842
5617	General Studies	11,453	16,578	166,219	-	15,180	181,399
5620	Station Equipment	24,755	44,563	186,406	-	60,962	247,367
5630	Overhead Line Expense	77,583	106,719	841,750	-	44,854	886,604
5640	Underground Line Expense	(0)	293	(2,005)	-	1,705	(299)
5650	Transmission of Electricity by Others	67,731,892	61,239,310	791,308,238	-	(244,701,866)	546,606,372
5660	Misc Transmission Expense	188,608	375,451	3,547,966	-	146,484	3,694,450
5670	Rents	7,437	7,517	97,659	-	-	97,659
<b>Subtotal 560-567</b>		<b>69,767,705</b>	<b>64,257,403</b>	<b>816,590,815</b>	<b>-</b>	<b>(244,085,341)</b>	<b>572,505,475</b>
<b>Maintenance</b>							
5680	Maintenance Super & Engin.	-	-	-	-	-	-
5690	Maint. of Structures	46,226	110,943	739,276	-	105,705	844,981
5700	Maint. of Station Equipment	662,359	1,588,376	10,515,684	-	318,400	10,834,083
5710	Maint. of Overhead Lines	1,375,860	2,409,561	15,561,153	-	103,263	15,664,416
5720	Maint. of Underground Lines	(0)	293	(2,005)	-	1,705	(299)
5730	Maint. of Misc. Trans Plant	75,283	33,322	512,543	-	2,727	515,269
<b>Subtotal 568-573</b>		<b>2,159,728</b>	<b>4,142,494</b>	<b>27,326,651</b>	<b>-</b>	<b>531,800</b>	<b>27,858,451</b>
<b>TOTAL TRANSMISSION EXPENSE</b>		<b>71,927,433</b>	<b>68,399,898</b>	<b>843,917,466</b>	<b>-</b>	<b>(243,553,541)</b>	<b>600,363,925</b>
<b>Distribution Expense</b>							
<b>Operation</b>							
5810	Load Dispatching	289,051	536,118	3,327,992	-	59,943	3,387,936
5820	Station Expense	107,150	207,126	920,963	-	230,653	1,151,616
5830	Overhead Line Expense -Primary	378,280	428,019	3,407,158	-	341,455	3,748,613
5840	Underground Line Expense	715,519	845,619	8,155,800	-	283,059	8,438,859
5850	Street Lights	5,634	8,645	47,856	-	7,418	55,274
5860	Meter Expenses	2,161,348	2,559,680	27,262,431	-	4,052,566	31,314,997
5870	Customer Installation Expense	263,055	271,692	2,920,140	-	121,755	3,041,895
5890	Rents	10,261	10,341	125,221	-	-	125,221
<b>Subtotal 581-589</b>		<b>3,930,297</b>	<b>4,867,239</b>	<b>46,167,561</b>	<b>-</b>	<b>5,096,850</b>	<b>51,264,411</b>
5800	Operation Super. & Engin	4,723,719	5,496,946	53,346,252	-	840,714	54,186,966
5880	Misc Distribution Expenses	2,827,184	3,112,886	35,679,778	-	483,846	36,163,624
<b>Subtotal 580 &amp; 588</b>		<b>7,550,903</b>	<b>8,609,832</b>	<b>89,026,031</b>	<b>-</b>	<b>1,324,560</b>	<b>90,350,590</b>
<b>Distribution-Operation-Total</b>		<b>11,481,200</b>	<b>13,477,071</b>	<b>135,193,592</b>	<b>-</b>	<b>6,421,410</b>	<b>141,615,001</b>

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

Source: SAP Data		001/2018	002/2018	003/2018	004/2018	005/2018	006/2018	007/2018	008/2018	009/2018	10/2018
FERC Account	Description	January	February	March	April	May	June	July	August	September	October
<b>Maintenance</b>											
5910	Maint. of Structures	17,259	22,779	77,788	75,216	88,635	59,239	92,799	121,630	155,143	53,498
5920	Maint. of Station Equipment	1,160,815	947,632	862,717	906,201	958,379	1,005,711	1,173,236	1,265,230	925,832	1,231,941
5930	Maint. of Overhead Lines-Primary	6,729,249	6,130,169	6,545,710	6,863,472	7,076,633	7,148,315	6,313,678	8,652,535	7,405,204	6,569,515
5940	Maint. of Underground Lines-Primary	1,358,123	1,001,784	799,234	1,089,511	1,060,804	1,019,071	795,755	952,932	1,033,194	1,343,562
5950	Maint. of Line Transformers	(312,421)	408,664	401,175	268,675	440,213	672,549	529,988	476,316	273,489	434,814
5960	Maint. of Street Lights	318,477	253,667	280,588	352,369	345,978	254,911	264,091	391,301	176,198	421,916
5970	Maint. of Meters	632,445	718,453	618,177	582,717	654,485	625,310	733,006	696,549	635,642	699,357
5980	Maint. of Misc. Dist. Plant.(371&372)	190,862	94,614	55,027	91,967	108,669	81,638	78,855	160,407	223,080	234,244
<b>Subtotal 591-598</b>		<b>10,094,810</b>	<b>9,577,762</b>	<b>9,640,417</b>	<b>10,230,128</b>	<b>10,733,796</b>	<b>10,866,745</b>	<b>9,981,408</b>	<b>12,716,899</b>	<b>10,827,782</b>	<b>10,988,846</b>
5900	Maintenance Super & Engin.	399,667	325,695	445,875	430,484	393,731	570,112	507,199	442,070	536,051	757,944
5982	Maint. of Misc. Dist. Plant. - OTHER	-	-	-	-	-	-	-	-	-	-
<b>Subtotal 590 &amp; 598.1</b>		<b>399,667</b>	<b>325,695</b>	<b>445,875</b>	<b>430,484</b>	<b>393,731</b>	<b>570,112</b>	<b>507,199</b>	<b>442,070</b>	<b>536,051</b>	<b>757,944</b>
<b>TOTAL DISTRIBUTION EXPENSE</b>		<b>20,401,172</b>	<b>18,931,601</b>	<b>21,906,497</b>	<b>21,432,885</b>	<b>22,381,705</b>	<b>22,307,500</b>	<b>21,435,940</b>	<b>24,877,000</b>	<b>22,027,666</b>	<b>25,000,775</b>
<b>Customer Accounting Expenses</b>											
9020	Meter Reading Expense	141,945	144,471	134,744	130,766	113,944	107,182	127,273	119,663	108,326	114,998
9030	Customer Records & Collection	2,171,775	2,482,820	2,536,482	2,690,821	2,415,297	2,778,693	2,747,963	2,775,808	2,787,389	2,655,754
<b>Subtotal 902-903</b>		<b>2,313,720</b>	<b>2,627,291</b>	<b>2,671,226</b>	<b>2,821,588</b>	<b>2,529,240</b>	<b>2,885,875</b>	<b>2,875,236</b>	<b>2,895,471</b>	<b>2,895,715</b>	<b>2,770,752</b>
9010	Supervision	-	-	-	-	-	-	-	-	-	-
9040	Uncollectible Accounts	-	-	-	-	-	-	-	(32)	64,201	-
9050	Misc Customer Account Exp	-	-	-	-	-	-	-	-	-	-
<b>Subtotal Customer Accounting</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(32)</b>	<b>64,201</b>	<b>-</b>
<b>Cust. Service &amp; Information Expense</b>											
9060	Customer Svc. & Infor.	-	-	-	-	-	-	-	-	-	-
9080	Customer Assistance	1,188,051	471,673	1,254,019	1,451,434	2,480,210	2,438,768	2,170,750	3,154,546	2,171,633	5,803,266
9090	Inform. & Instruct. Adv. Exp	186,007	186,269	188,944	194,510	555,032	487,552	648,072	421,799	218,390	158,339
<b>Subtotal 906-909</b>		<b>1,374,058</b>	<b>657,943</b>	<b>1,442,963</b>	<b>1,645,944</b>	<b>3,035,241</b>	<b>2,926,320</b>	<b>2,818,822</b>	<b>3,576,344</b>	<b>2,390,023</b>	<b>5,961,605</b>
9070	Supervision	21,476	6,150	18,714	24,977	47,118	42,072	40,635	57,455	40,335	114,369
9100	Misc Cust. Service & Inform.	50,256	14,000	1,284	11,000	159	7,500	7,200	107	31,000	395
<b>Subtotal 907 &amp; 910</b>		<b>71,732</b>	<b>20,150</b>	<b>19,998</b>	<b>35,977</b>	<b>47,277</b>	<b>49,572</b>	<b>47,835</b>	<b>57,562</b>	<b>71,335</b>	<b>114,764</b>
<b>TOTAL CUSTOMER SERVICE &amp; INFO.</b>		<b>3,759,510</b>	<b>3,305,384</b>	<b>4,134,188</b>	<b>4,503,508</b>	<b>5,611,759</b>	<b>5,861,767</b>	<b>5,741,894</b>	<b>6,529,346</b>	<b>5,421,275</b>	<b>8,847,121</b>

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

Source: SAP Data		11 2018		12 2018		Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
FERC Account	Description	November	December	November	December				
<b>Maintenance</b>									
5910	Maint. of Structures	5,630	50,114	819,730	-	26,625		846,356	
5920	Maint. of Station Equipment	987,277	1,111,188	12,536,159	-	427,645		12,963,804	
5930	Maint. of Overhead Lines-Primary	8,162,474	7,112,019	84,708,974	-	564,333		85,273,307	
5940	Maint. of Underground Lines-Primary	1,379,413	1,157,016	12,990,399	-	227,689		13,218,088	
5950	Maint. of Line Transformers	377,320	999,267	4,970,048	-	-		4,970,048	
5960	Maint. of Street Lights	259,979	407,901	3,727,377	-	44,326		3,771,703	
5970	Maint. of Meters	597,454	564,826	7,758,421	-	1,705		7,760,126	
5980	Maint. of Misc Dist. Plant.(371&372)	335,958	397,207	2,052,528	-	(1,962)		2,050,567	
<b>Subtotal 591-598</b>		<b>12,105,505</b>	<b>11,799,537</b>	<b>129,563,636</b>	<b>-</b>	<b>1,290,361</b>		<b>130,853,998</b>	
5900	Maintenance Super.& Engin.	469,162	243,344	5,521,333	-	6,199		5,527,532	
5982	Maint. of Misc Dist. Plant. - OTHER	-	-	-	-	-		-	
<b>Subtotal 590 &amp; 598.2</b>		<b>469,162</b>	<b>243,344</b>	<b>5,521,333</b>	<b>-</b>	<b>6,199</b>		<b>5,527,532</b>	
<b>TOTAL DISTRIBUTION EXPENSE</b>		<b>24,855,867</b>	<b>25,519,953</b>	<b>270,278,561</b>	<b>-</b>	<b>7,717,970</b>		<b>277,996,531</b>	
<b>Customer Accounting Expense</b>									
9020	Meter Reading Expense	128,061	123,479	1,494,852	-	4,355		1,499,207	
9030	Customer Records & Collection	2,234,860	2,972,199	31,249,862	-	490,527		31,740,389	
<b>Subtotal 902-903</b>		<b>2,362,921</b>	<b>3,095,678</b>	<b>32,744,714</b>	<b>-</b>	<b>494,882</b>		<b>33,239,596</b>	
9010	Supervision	-	-	-	-	-		-	
9040	Uncollectible Accounts	441	-	64,611	-	523,182		587,792	
9050	Misc. Customer Account Exp.	-	-	-	-	-		-	
<b>Subtotal Customer Accounting</b>		<b>441</b>	<b>-</b>	<b>64,611</b>	<b>-</b>	<b>523,182</b>		<b>587,792</b>	
<b>Cust. Service &amp; Information Expense</b>									
9060	Customer Svc. & Infor.	-	-	-	-	-		-	
9080	Customer Assistance	3,670,700	7,479,414	33,734,464	-	(30,684,324)		3,050,140	
9090	Inform. & Instruct. Adv Exp	227,927	440,749	3,913,591	-	260,231		4,173,822	
<b>Subtotal 906-909</b>		<b>3,898,627</b>	<b>7,920,163</b>	<b>37,648,055</b>	<b>-</b>	<b>(30,424,093)</b>		<b>7,223,961</b>	
9070	Supervision	67,188	147,008	627,497	-	(627,497)		-	
9100	Misc. Cust. Service & Inform.	105,440	94	228,435	-	(221,575)		6,861	
<b>Subtotal 907 &amp; 910</b>		<b>172,628</b>	<b>147,102</b>	<b>855,932</b>	<b>-</b>	<b>(849,072)</b>		<b>6,861</b>	
<b>TOTAL CUSTOMER SERVICE &amp; INFO.</b>		<b>6,434,617</b>	<b>11,162,943</b>	<b>71,313,312</b>	<b>-</b>	<b>(30,255,101)</b>		<b>41,058,210</b>	



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

Source: SAP Data		001/2018	002/2018	003/2018	004/2018	005/2018	006/2018	007/2018	008/2018	009/2018	10 2018
FERC Account	Description	January	February	March	April	May	June	July	August	September	October
	<b>Sales Expense</b>										
9120	Demonstrating & Selling Exp.	-	-	-	-	-	-	-	-	-	-
9130	Advertising Exp	-	-	-	-	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal 912-917</b>	-	-	-	-	-	-	-	-	-	-
9110	Supervision	-	-	-	-	-	-	-	-	-	-
9160	Misc. Sales Exp	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal -Sales</b>	-	-	-	-	-	-	-	-	-	-
	<b>TOTAL SALES EXPENSE</b>	-	-	-	-	-	-	-	-	-	-
	<b>TOTAL O&amp;M EXPENSE</b>	96,730,801	94,620,194	93,203,139	95,738,694	98,153,446	98,502,281	96,419,642	101,445,419	97,777,819	105,417,193

2019 RATE CASE  
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
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Source: SAP Data		11 2018	12 2018				
FERC Account	Description	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
	<b>Sales Expense</b>						
9120	Demonstrating & Selling Exp.	-	-	-	-	-	-
9130	Advertising Exp.	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-	-
	<b>Subtotal 912-917</b>	-	-	-	-	-	-
9110	Supervision	-	-	-	-	-	-
9160	Misc. Sales Exp.	-	-	-	-	-	-
	<b>Subtotal -Sales</b>	-	-	-	-	-	-
	<b>TOTAL SALES EXPENSE</b>	-	-	-	-	-	-
	<b>TOTAL O&amp;M EXPENSE</b>	102,417,918	105,082,794	1,185,509,339	-	(266,090,672)	919,418,667
			Check				

2019 RATE CASE  
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
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WP-IE-1 Transportation Depreciation Study Adjustment  
Test Year Ended December 31, 2018  
DOCKET NUMBER PENDING ASSIGNMENT

Source: Trial Balance 2018 (exclude cost centers 101516-1RCRF, and profit center 1101215-AMIS)

GL Account Profit Center Cost Center	702050 (Multiple Items)	Test Year Expenses	PERC %	Adjustment	Adjusted Balance
5600		444,737.35	4.08%	(43,204.72)	401,532.63
5612		2,004.52	0.02%	(194.73)	1,809.79
5614		1,628.24	0.1%	(162.82)	1,465.42
5620		81,795.08	7.75%	(7,945.42)	73,849.66
5630		257,507.79	2.36%	(25,016.00)	232,491.79
5650		473,136.73	4.34%	(45,905.61)	427,231.12
5690		120,855.83	1.1%	(11,740.73)	109,115.10
5700		367,656.29	3.37%	(35,714.61)	331,941.68
5710		600,851.02	5.51%	(58,370.62)	542,480.40
5730		3,346.64	0.03%	(329.00)	3,017.64
5800		803,037.89	7.37%	(78,012.38)	725,025.51
5810		8,177.59	0.08%	(794.42)	7,383.17
5820		296,729.94	2.72%	(28,826.30)	267,903.64
5830		739,671.19	6.79%	(71,858.53)	667,812.66
5840		935,418.93	8.77%	(92,815.68)	842,603.25
5850		1,027,926.98	9.42%	(101,200)	926,726.98
5860		89,456.83	0.82%	(8,642.67)	80,814.16
5870		309,319.53	2.82%	(30,337.88)	278,981.65
5880		665,564.28	6.11%	(64,657.20)	600,907.08
5900		43,536.83	0.40%	(4,229.45)	39,307.38
5910		15,654.86	0.14%	(1,520.82)	14,134.04
5920		428,126.81	3.93%	(41,591.00)	386,535.81
5930		1,779,127.87	16.33%	(172,836.19)	1,606,291.68
5940		385,170.20	3.53%	(37,417.97)	347,752.23
5950		102,075.25	0.94%	(9,916.26)	92,158.99
5980		31.50	0.00%	(3.06)	28.44
9020		20,158.98	0.19%	(1,958.38)	18,200.60
9030		243,352.23	2.23%	(23,640.84)	219,711.39
9080		25,934.79	0.24%	(2,519.48)	23,415.31
9090		2,244.79	0.02%	(221.50)	2,023.29
9200		1,165.11	0.01%	(113.19)	1,051.92
9280		100,501.91	0.93%	(9,783.42)	90,718.49
CLRO		67,206.71	0.62%	(6,528.90)	60,677.81
CLRS		252,014.10	2.31%	(24,482.70)	227,531.40
CLRT		361,895.03	3.32%	(35,156.86)	326,738.17
<b>Grand Total</b>		<b>10,896,271.52</b>	<b>100.00%</b>	<b>(1,058,535.51)</b>	<b>9,837,736.01</b>

From WP-IE-1	WP-IE-1 Adj. 1	Adjusted Balance
General Plant	Depreciation Study	
396.01	(1,226,697)	614,951
396.01	1,836.46	9,222,785
	(1,058,535.51)	9,837,736

Test Year	Adjustment	Adjusted Balance
Cleaning		614,951
From 5600 9302	(992,367)	9,222,785
	(1,058,536)	9,837,736
10,231,515	(992,37)	9,222,78

2019 RATE CASE  
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC  
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CPA Adjustment -  
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											Adjustment Column	
LABOR												
A	B	C (Act \$ * B)	D (Annz \$ * B)	E (D - C)	F (D * 3% * 9/12)	G	H (C * G)	I [(E + F) * G]	J (H + I)			
FUNCTIONAL AREA	FERC Distribution		(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion	FERC	
	FERC	%	Actual 12 Months	Annualized	2018 Incr/Deer							to CEHE
<b>Executive Management</b>			\$ 1,730,052	\$ 1,849,359	\$ 119,307							
	9302	95.5%	\$ 1,652,388	\$ 1,766,338	\$ 113,951	\$ 39,743	15.6%	\$ 258,495	\$ 24,043	\$ 282,539	9302	
	N/A	0.0%	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A	
	4265	4.5%	\$ 77,664	\$ 83,020	\$ 5,356	\$ 1,868	33.9%	\$ 26,296	\$ 2,446	\$ 28,742	4265	
<b>Total Executive Management</b>			\$ 1,730,052	\$ 1,849,359	\$ 119,307	\$ 41,611		\$ 284,792	\$ 26,489	\$ 311,281		
	<b>Total</b>	<b>100.0%</b>	\$ -	\$ -	\$ -							
<b>Communications</b>			\$ 2,852,920	\$ 2,708,518	\$ (144,402)							
	4265	0.001%	\$ 40	\$ 38	\$ (2)	\$ 1	105.7%	\$ 43	\$ (1)	\$ 42	4265	
	N/A	0.0%	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A	
	9302	61.7%	\$ 1,761,243	\$ 1,672,097	\$ (89,146)	\$ 37,622	51.6%	\$ 908,926	\$ (26,590)	\$ 882,336	9302	
	4261	38.3%	\$ 1,091,636	\$ 1,036,383	\$ (55,254)	\$ 23,319	65.2%	\$ 711,996	\$ (20,829)	\$ 691,167	4261	
<b>Total Communications</b>			\$ 2,852,920	\$ 2,708,518	\$ (144,402)	\$ 60,942		\$ 1,620,964	\$ (47,420)	\$ 1,573,544		
	<b>Total</b>	<b>100.0%</b>	\$ -	\$ -	\$ -							
<b>Business &amp; Operations Support</b>			\$ 8,363,893	\$ 8,558,073	\$ 194,180							
	9350	7.1%	\$ 597,016	\$ 610,877	\$ 13,861	\$ 13,745	44.2%	\$ 263,815	\$ 12,198	\$ 276,013	9350	
	9302	20.4%	\$ 1,702,969	\$ 1,742,506	\$ 39,537	\$ 39,206	65.6%	\$ 1,117,905	\$ 51,691	\$ 1,169,595	9302	
	N/A	0.0%	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A	
	5600	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5600	
	5620	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5620	
	5630	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5630	
	5640	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5640	
	5700	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5700	
	5710	0.7%	\$ 62,106	\$ 63,548	\$ 1,442	\$ 1,430	113.6%	\$ 70,570	\$ 3,263	\$ 73,833	5710	
	5720	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5720	
	5800	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5800	
	5820	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5820	
	5830	0.7%	\$ 62,106	\$ 63,548	\$ 1,442	\$ 1,430	113.6%	\$ 70,570	\$ 3,263	\$ 73,833	5830	
	5840	0.7%	\$ 62,106	\$ 63,548	\$ 1,442	\$ 1,430	113.6%	\$ 70,570	\$ 3,263	\$ 73,833	5840	
	5850	0.7%	\$ 62,106	\$ 63,548	\$ 1,442	\$ 1,430	113.6%	\$ 70,570	\$ 3,263	\$ 73,833	5850	
	5860	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5860	
	5870	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5870	
	5930	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5930	
	5970	0.4%	\$ 31,053	\$ 31,774	\$ 721	\$ 715	113.6%	\$ 35,285	\$ 1,632	\$ 36,917	5970	
	CLRS	0.0%	\$ (0)	\$ (0)	\$ (0)	\$ (0)	0.0%	\$ 0	\$ 0	\$ 0	CLRS	

2019 RATE CASE  
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FUNCTIONAL AREA	FERC Distribution %	Short Term Incentive (STI)							Adjustment Column	
		A	B	C	D	E	F	G	H	I
		(BOOKS)		Annualized	Target at 100%	Annualized @ 3%	STI @ Avg	CEHE %	STI Adjustment to	
		Actual 12 Months		(Annz \$ * %)	( B / 1.3 )	for 9 Months ( C * 3% * 9/12 )	Achievement 122% ( D * 1.22 )	Tot Billings	G (A * F)	E * F
<b>Executive Management</b>		\$ 2,216,795	\$ 3,907,772	\$ 3,005,978	\$ 67,635	\$ 82,514				
	95.5%	\$ 2,117,280	\$ 3,732,346	\$ 2,871,036	\$ 64,598	\$ 78,810	15.6%	\$ 331,222	\$ 12,329	\$ 343,551
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
	4.5%	\$ 99,515	\$ 175,425	\$ 134,943	\$ 3,036	\$ 3,704	33.9%	\$ 33,694	\$ 1,254	\$ 34,949
<b>Total Executive Management</b>		\$ 2,216,795	\$ 3,907,772	\$ 3,005,978	\$ 67,635	\$ 82,514		\$ 364,917	\$ 13,583	\$ 378,500
<b>Communications</b>		\$ 489,037	\$ 469,092	\$ 360,840	\$ 8,119	\$ 9,905				
	0.0%	\$ 7	\$ 7	\$ 5	\$ 0	\$ 0	105.7%	\$ 7	\$ 0	\$ 7
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
	61.7%	\$ 301,906	\$ 289,593	\$ 222,764	\$ 5,012	\$ 6,115	51.6%	\$ 155,805	\$ 3,156	\$ 158,960
	38.3%	\$ 187,124	\$ 179,493	\$ 138,071	\$ 3,107	\$ 3,790	65.2%	\$ 122,048	\$ 2,472	\$ 124,520
<b>Total Communications</b>	100.0%	\$ 489,037	\$ 469,092	\$ 360,840	\$ 8,119	\$ 9,905		\$ 277,860	\$ 5,628	\$ 283,487
<b>Business &amp; Operations Support</b>		\$ 1,159,184	\$ 1,195,851	\$ 919,885	\$ 20,697	\$ 25,251				
	7.1%	\$ 82,743	\$ 85,360	\$ 65,662	\$ 1,477	\$ 1,802	44.2%	\$ 36,563	\$ 796	\$ 37,360
	20.4%	\$ 236,021	\$ 243,487	\$ 187,297	\$ 4,214	\$ 5,141	65.6%	\$ 154,935	\$ 3,375	\$ 158,310
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.7%	\$ 8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	113.6%	\$ 9,781	\$ 213	\$ 9,994
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.7%	\$ 8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	113.6%	\$ 9,781	\$ 213	\$ 9,994
	0.7%	\$ 8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	113.6%	\$ 9,781	\$ 213	\$ 9,994
	0.7%	\$ 8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	113.6%	\$ 9,781	\$ 213	\$ 9,994
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.4%	\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	113.6%	\$ 4,890	\$ 107	\$ 4,997
	0.0%	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	0.0%	\$ 0	\$ 0	\$ 0

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CPA Adjustment -  
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LABOR											Adjustment Column	
A	B	C (Act \$ * B)	D (Annu \$ * B)	E (D - C)	F (D * 3% * 9/12)	G	H (C * G)	I [(E + F) * G]	J (H + I)			
<b>FUNCTIONAL AREA</b>	<b>FERC</b>	<b>(BOOKS)</b>			<b>Annualized Labor @ 3%</b>	<b>CEHE % Tot Billings</b>	<b>Test yr CEHE Portion</b>	<b>2018 &amp; 2019 Adjustment</b>	<b>Adjusted Test Yr CEHE Portion</b>			
	<b>Distribution</b>											
1070	1.0%	\$ 85,963	\$ 87,959	\$ 1,996	\$ 1,979	100.0%	\$ 85,963	\$ 3,975	\$ 89,938	1070		
9310	58.8%	\$ 4,914,219	\$ 5,028,310	\$ 114,091	\$ 113,137	100.0%	\$ 4,914,219	\$ 227,228	\$ 5,141,447	9310		
4265	0.0%	\$ 1,311	\$ 1,341	\$ 30	\$ 30	98.6%	\$ 1,292	\$ 60	\$ 1,352	4265		
9210	5.3%	\$ 441,350	\$ 451,596	\$ 10,247	\$ 10,161	57.8%	\$ 254,994	\$ 11,791	\$ 266,784	9210		
<b>Total Business &amp; Operations Support</b>		\$ 8,363,893	\$ 8,558,073	\$ 194,180	\$ 192,557		\$ 7,343,889	\$ 339,573	\$ 7,683,462			
<b>Total</b>	100.0%	\$ -	\$ -	\$ (0)								
<b>Human Resources</b>		\$ 7,419,372	\$ 7,905,358	\$ 485,986								
9302	99.2%	\$ 7,360,373	\$ 7,842,495	\$ 482,121	\$ 176,456	45.2%	\$ 3,328,306	\$ 297,804	\$ 3,626,110	9302		
4265	0.0%	\$ 731	\$ 779	\$ 48	\$ 18	54.3%	\$ 397	\$ 36	\$ 432	4265		
5930	0.8%	\$ 58,268	\$ 62,084	\$ 3,817	\$ 1,397	100.0%	\$ 58,268	\$ 5,214	\$ 63,481	5930		
	N/A	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A		
<b>Total Human Resources</b>		\$ 7,419,372	\$ 7,905,358	\$ 485,986	\$ 177,871		\$ 3,386,970	\$ 303,053	\$ 3,690,023			
<b>Total</b>	100.0%	\$ -	\$ -	\$ -								
<b>Legal</b>		\$ 9,853,573	\$ 10,065,820	\$ 212,246								
9302	93.3%	\$ 9,190,447	\$ 9,388,410	\$ 197,963	\$ 211,239	39.7%	\$ 3,651,630	\$ 162,588	\$ 3,814,218	9302		
4264	0.0%	\$ 576	\$ 589	\$ 12	\$ 13	100.0%	\$ 576	\$ 26	\$ 602	4264		
5930	0.0%	\$ 1,334	\$ 1,363	\$ 29	\$ 31	100.0%	\$ 1,334	\$ 59	\$ 1,394	5930		
4265	0.0%	\$ 2,156	\$ 2,203	\$ 46	\$ 50	53.3%	\$ 1,149	\$ 51	\$ 1,200	4265		
1823	3.5%	\$ 348,287	\$ 355,789	\$ 7,502	\$ 8,005	100.0%	\$ 348,287	\$ 15,507	\$ 363,794	1823		
1810	0.5%	\$ 45,278	\$ 46,254	\$ 975	\$ 1,041	100.0%	\$ 45,278	\$ 2,016	\$ 47,294	1810		
1070	2.7%	\$ 265,494	\$ 271,213	\$ 5,719	\$ 6,102	100.0%	\$ 265,494	\$ 11,821	\$ 277,315	1070		
	N/A	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A		
<b>Total Legal</b>		\$ 9,853,573	\$ 10,065,820	\$ 212,246	\$ 226,481		\$ 4,313,749	\$ 192,068	\$ 4,505,817			
<b>Total</b>	100.0%	\$ -	\$ -	\$ (0)								
<b>Finance</b>		\$ 23,932,736	\$ 24,267,207	\$ 334,472								
1070	1.6%	\$ 377,361	\$ 382,635	\$ 5,274	\$ 8,609	47.0%	\$ 177,376	\$ 6,526	\$ 183,902	1070		
4265	0.2%	\$ 36,800	\$ 37,314	\$ 514	\$ 840	54.3%	\$ 19,966	\$ 735	\$ 20,701	4265		
9030	0.4%	\$ 93,773	\$ 95,083	\$ 1,311	\$ 2,139	6.2%	\$ 5,808	\$ 214	\$ 6,021	9030		
5860	0.0%	\$ 10,742	\$ 10,892	\$ 150	\$ 245	100.0%	\$ 10,742	\$ 395	\$ 11,137	5860		
5600	0.0%	\$ 51	\$ 52	\$ 1	\$ 1	100.0%	\$ 51	\$ 2	\$ 53	5600		
5800	0.0%	\$ 376	\$ 381	\$ 5	\$ 9	100.0%	\$ 376	\$ 14	\$ 390	5800		
1810	2.7%	\$ 634,276	\$ 643,141	\$ 8,864	\$ 14,471	100.0%	\$ 634,276	\$ 23,335	\$ 657,611	1810		
1823	1.3%	\$ 303,601	\$ 307,844	\$ 4,243	\$ 6,926	100.0%	\$ 303,601	\$ 11,169	\$ 314,771	1823		
9302	93.9%	\$ 22,475,755	\$ 22,789,865	\$ 314,110	\$ 512,772	36.6%	\$ 8,218,430	\$ 302,355	\$ 8,520,785	9302		
	N/A	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A		

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

		Short Term Incentive (STI)							Adjustment Column	
		A	B	C	D	E	F	G	H	I
		Annualized		Target at 100%	Annualized @ 3%	STI @ Avg	CEHE %	STI Adjustment to		
		(Annz \$ * %)		(B / 1.3)	for 9 Months	Achievement		CEHE		
					(C * 3% * 9/12)	122%		G (A * F)		G + H
FUNCTIONAL AREA	FERC (BOOKS)								Test yr	Adjusted Test Yr
Distribution	1.0%	\$ 11,914	\$ 12,291	\$ 9,454	\$ 213	\$ 260	100.0%	\$ 11,914	\$ 260	\$ 12,174
	58.8%	\$ 681,080	\$ 702,624	\$ 540,480	\$ 12,161	\$ 14,836	100.0%	\$ 681,080	\$ 14,836	\$ 695,916
	0.0%	\$ 182	\$ 187	\$ 144	\$ 3	\$ 4	98.6%	\$ 179	\$ 4	\$ 183
	5.3%	\$ 61,168	\$ 63,103	\$ 48,541	\$ 1,092	\$ 1,332	57.8%	\$ 35,341	\$ 770	\$ 36,110
<b>Total Business &amp; Operations Support</b>	<b>100.0%</b>	<b>\$ 1,159,184</b>	<b>\$ 1,195,851</b>	<b>\$ 919,885</b>	<b>\$ 20,697</b>	<b>\$ 25,251</b>		<b>\$ 1,017,817</b>	<b>\$ 22,171</b>	<b>\$ 1,039,989</b>
<b>Human Resources</b>										
		\$ 1,481,701	\$ 1,568,015	\$ 1,206,166	\$ 27,139	\$ 33,109				
	99.2%	\$ 1,469,919	\$ 1,555,546	\$ 1,196,574	\$ 26,923	\$ 32,846	45.2%	\$ 664,686	\$ 14,853	\$ 679,539
	0.0%	\$ 146	\$ 155	\$ 119	\$ 3	\$ 3	54.3%	\$ 79	\$ 2	\$ 81
	0.8%	\$ 11,636	\$ 12,314	\$ 9,473	\$ 213	\$ 260	100.0%	\$ 11,636	\$ 260	\$ 11,896
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
<b>Total Human Resources</b>	<b>100.0%</b>	<b>\$ 1,481,701</b>	<b>\$ 1,568,015</b>	<b>\$ 1,206,166</b>	<b>\$ 27,139</b>	<b>\$ 33,109</b>		<b>\$ 676,402</b>	<b>\$ 15,114</b>	<b>\$ 691,516</b>
<b>Legal</b>										
		\$ 2,451,013	\$ 2,374,754	\$ 1,826,734	\$ 41,102	\$ 50,144				
	93.3%	\$ 2,286,065	\$ 2,214,938	\$ 1,703,798	\$ 38,335	\$ 46,769	39.7%	\$ 908,320	\$ 18,583	\$ 926,902
	0.0%	\$ 143	\$ 139	\$ 107	\$ 2	\$ 3	100.0%	\$ 143	\$ 3	\$ 146
	0.0%	\$ 332	\$ 322	\$ 247	\$ 6	\$ 7	100.0%	\$ 332	\$ 7	\$ 339
	0.0%	\$ 536	\$ 520	\$ 400	\$ 9	\$ 11	53.3%	\$ 286	\$ 6	\$ 292
	3.5%	\$ 86,634	\$ 83,939	\$ 64,568	\$ 1,453	\$ 1,772	100.0%	\$ 86,634	\$ 1,772	\$ 88,406
	0.5%	\$ 11,263	\$ 10,912	\$ 8,394	\$ 189	\$ 230	100.0%	\$ 11,263	\$ 230	\$ 11,493
	2.7%	\$ 66,040	\$ 63,985	\$ 49,219	\$ 1,107	\$ 1,351	100.0%	\$ 66,040	\$ 1,351	\$ 67,391
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
<b>Total Legal</b>	<b>100.0%</b>	<b>\$ 2,451,013</b>	<b>\$ 2,374,754</b>	<b>\$ 1,826,734</b>	<b>\$ 41,102</b>	<b>\$ 50,144</b>		<b>\$ 1,073,017</b>	<b>\$ 21,952</b>	<b>\$ 1,094,970</b>
<b>Finance</b>										
		\$ 4,339,722	\$ 4,275,561	\$ 3,288,893	\$ 74,000	\$ 90,280				
	1.6%	\$ 68,427	\$ 67,415	\$ 51,858	\$ 1,167	\$ 1,423	47.0%	\$ 32,164	\$ 669	\$ 32,833
	0.2%	\$ 6,673	\$ 6,574	\$ 5,057	\$ 114	\$ 139	54.3%	\$ 3,621	\$ 75	\$ 3,696
	0.4%	\$ 17,004	\$ 16,752	\$ 12,886	\$ 290	\$ 354	6.2%	\$ 1,053	\$ 22	\$ 1,075
	0.0%	\$ 1,948	\$ 1,919	\$ 1,476	\$ 33	\$ 41	100.0%	\$ 1,948	\$ 41	\$ 1,988
	0.0%	\$ 9	\$ 9	\$ 7	\$ 0	\$ 0	100.0%	\$ 9	\$ 0	\$ 9
	0.0%	\$ 68	\$ 67	\$ 52	\$ 1	\$ 1	100.0%	\$ 68	\$ 1	\$ 70
	2.7%	\$ 115,013	\$ 113,313	\$ 87,164	\$ 1,961	\$ 2,393	100.0%	\$ 115,013	\$ 2,393	\$ 117,406
	1.3%	\$ 55,052	\$ 54,238	\$ 41,722	\$ 939	\$ 1,145	100.0%	\$ 55,052	\$ 1,145	\$ 56,197
	93.9%	\$ 4,075,328	\$ 4,015,273	\$ 3,088,671	\$ 69,495	\$ 84,784	36.6%	\$ 1,490,248	\$ 31,002	\$ 1,521,250
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

		LABOR								Adjustment Column	
A	B	C (Act \$ * B)	D (Annz \$ * B)	E (D - C)	F (D * 3% * 9/12)	G	H (C * G)	I [(E + F)*G]	J (H + I)		
<b>FUNCTIONAL AREA</b>	<b>FERC Distribution</b>	<b>(BOOKS)</b>				<b>Annualized Labor @ 3%</b>	<b>CEHE % Tot Billings</b>	<b>Test yr CEHE Portion</b>	<b>2018 &amp; 2019 Adjustment</b>	<b>Adjusted Test Yr CEHE Portion</b>	
<b>Total Finance</b>		\$ 23,932,736	\$ 24,267,207	\$ 334,472	\$ 546,012	\$ 9,370,628	\$ 344,745	\$ 9,715,372			
	Total 100.0%	\$ -	\$ -	\$ (0)							
<b>Regulatory &amp; Govt Affairs</b>		\$ 7,050,486	\$ 7,262,539	\$ 212,054							
4264	49.8%	\$ 3,514,385	\$ 3,620,085	\$ 105,700	\$ 81,452	\$ 2,526,884	\$ 134,565	\$ 2,661,449	\$ 4264		
4261	0.0%	\$ 830	\$ 855	\$ 25	\$ 19	\$ 437	\$ 23	\$ 460	\$ 4261		
4265	0.0%	\$ 519	\$ 534	\$ 16	\$ 12	\$ 183	\$ 10	\$ 193	\$ 4265		
9302	50.8%	\$ 3,582,630	\$ 3,690,383	\$ 107,753	\$ 83,034	\$ 2,039,045	\$ 108,586	\$ 2,147,631	\$ 9302		
1823	-0.7%	\$ (47,877)	\$ (49,317)	\$ (1,440)	\$ (1,110)	\$ (47,877)	\$ (2,550)	\$ (50,427)	\$ 1823		
	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ N/A		
<b>Total Regulatory &amp; Govt Affairs</b>		\$ 7,050,486	\$ 7,262,539	\$ 212,054	\$ 163,407	\$ 4,518,671	\$ 240,634	\$ 4,759,305			
	Total 100.0%	\$ -	\$ -	\$ -							
<b>Environmental Safety &amp; Training</b>		\$ 1,018,295	\$ 1,802,549	\$ 784,254							
4265	0%	\$ 1,246	\$ 2,205	\$ 960	\$ 50	\$ 524	\$ 425	\$ 949	\$ 4265		
9302	100%	\$ 1,017,049	\$ 1,800,343	\$ 783,294	\$ 40,508	\$ 409,753	\$ 331,897	\$ 741,651	\$ 9302		
	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ N/A		
<b>Total Environmental Safety &amp; Training</b>		\$ 1,018,295	\$ 1,802,549	\$ 784,254	\$ 40,557	\$ 410,278	\$ 332,322	\$ 742,600			
	Total 100.0%	\$ -	\$ -	\$ -							
<b>Regulated Operations Mgmt</b>		\$ 32,800,660	\$ 33,299,557	\$ 498,897							
9302	28.0%	\$ 9,197,437	\$ 9,337,330	\$ 139,893	\$ 210,090	\$ 5,478,613	\$ 208,473	\$ 5,687,087	\$ 9302		
4265	0.0%	\$ 12,819	\$ 13,014	\$ 195	\$ 293	\$ 2,738	\$ 104	\$ 2,843	\$ 4265		
9030	43.4%	\$ 14,232,646	\$ 14,449,124	\$ 216,478	\$ 325,105	\$ 2,798,649	\$ 106,495	\$ 2,905,143	\$ 9030		
9250	9.5%	\$ 3,120,018	\$ 3,167,473	\$ 47,455	\$ 71,268	\$ 1,805,000	\$ 68,684	\$ 1,873,684	\$ 9250		
9080	0.0%	\$ 5,302	\$ 5,382	\$ 81	\$ 121	\$ 5,302	\$ 202	\$ 5,504	\$ 9080		
9090	16.7%	\$ 5,467,133	\$ 5,550,288	\$ 83,155	\$ 124,881	\$ 1,993,455	\$ 75,855	\$ 2,069,310	\$ 9090		
1070	2.3%	\$ 765,304	\$ 776,945	\$ 11,640	\$ 17,481	\$ 765,304	\$ 29,122	\$ 794,426	\$ 1070		
<b>Total Reg Ops Mgmt - NonUnion</b>		\$ 32,800,660	\$ 33,299,557	\$ 498,897	\$ 749,240	\$ 12,849,061	\$ 488,935	\$ 13,337,996			
	Total 100.0%	\$ -	\$ -	\$ (0)							
<b>UNION</b>		\$ 5,360,931	\$ 6,302,726	\$ 941,795							



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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

FUNCTIONAL AREA	FERC Distribution	Short Term Incentive (STI)									Adjustment Column
		A	B	C	D	E	F	G	H	I	
		(BOOKS)	Annualized (Annz \$ * %)	Target at 100% (B / 1.3)	Annualized @ 3% for 9 Months (C * 3% * 9/12)	STI @ Avg Achievement 122% (D * 1.22)	CEHE % Tot Billings	G (A * F)	STI Adjustment to CEHE E * F	G + H	
		Test yr	Adjusted Test Yr								
<b>Total Finance</b>	100.0%	\$ 4,339,722	\$ 4,275,561	\$ 3,288,893	\$ 74,000	\$ 90,280		\$ 1,699,176	\$ 35,348	\$ 1,734,524	
		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
<b>Regulatory &amp; Govt Affairs</b>		\$ 1,593,992	\$ 1,627,981	\$ 1,252,293	\$ 28,177	\$ 34,375		\$ -	\$ -	\$ -	
49.8%		\$ 794,541	\$ 811,483	\$ 624,218	\$ 14,045	\$ 17,135	71.9%	\$ 571,284	\$ 12,320	\$ 583,605	
0.0%		\$ 188	\$ 192	\$ 147	\$ 3	\$ 4	52.6%	\$ 99	\$ 2	\$ 101	
0.0%		\$ 117	\$ 120	\$ 92	\$ 2	\$ 3	35.2%	\$ 41	\$ 1	\$ 42	
50.8%		\$ 809,970	\$ 827,242	\$ 636,340	\$ 14,318	\$ 17,468	56.9%	\$ 460,993	\$ 9,942	\$ 470,934	
-0.7%		\$ (10,824)	\$ (11,055)	\$ (8,504)	\$ (191)	\$ (233)	100.0%	\$ (10,824)	\$ (233)	\$ (11,058)	
0.0%		\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	
<b>Total Regulatory &amp; Govt Affairs</b>	100.0%	\$ 1,593,992	\$ 1,627,981	\$ 1,252,293	\$ 28,177	\$ 34,375		\$ 1,021,593	\$ 22,031	\$ 1,043,624	
		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
<b>Environmental Safety &amp; Training</b>		\$ 203,333	\$ 310,194	\$ 238,611	\$ 5,369	\$ 6,550		\$ -	\$ -	\$ -	
0.1%		\$ 249	\$ 380	\$ 292	\$ 7	\$ 8	42.1%	\$ 105	\$ 3	\$ 108	
99.9%		\$ 203,085	\$ 309,815	\$ 238,319	\$ 5,362	\$ 6,542	40.3%	\$ 81,820	\$ 2,636	\$ 84,455	
0.0%		\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	
<b>Total Environmental Safety &amp; Training</b>	100.0%	\$ 203,333	\$ 310,194	\$ 238,611	\$ 5,369	\$ 6,550		\$ 81,924	\$ 2,639	\$ 84,563	
		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
<b>Regulated Operations Mgmt</b>		\$ 4,325,396	\$ 4,477,239	\$ 3,444,030	\$ 77,491	\$ 94,539		\$ -	\$ -	\$ -	
28.0%		\$ 1,212,858	\$ 1,255,436	\$ 965,720	\$ 21,729	\$ 26,509	59.6%	\$ 722,460	\$ 15,791	\$ 738,251	
0.0%		\$ 1,690	\$ 1,750	\$ 1,346	\$ 30	\$ 37	21.4%	\$ 361	\$ 8	\$ 369	
43.4%		\$ 1,876,847	\$ 1,942,734	\$ 1,494,411	\$ 33,624	\$ 41,022	19.7%	\$ 369,055	\$ 8,066	\$ 377,122	
9.5%		\$ 411,434	\$ 425,878	\$ 327,598	\$ 7,371	\$ 8,993	57.9%	\$ 238,024	\$ 5,202	\$ 243,226	
0.0%		\$ 699	\$ 724	\$ 557	\$ 13	\$ 15	100.0%	\$ 699	\$ 15	\$ 714	
16.7%		\$ 720,946	\$ 746,255	\$ 574,042	\$ 12,916	\$ 15,757	36.5%	\$ 262,875	\$ 5,746	\$ 268,621	
2.3%		\$ 100,920	\$ 104,463	\$ 80,356	\$ 1,808	\$ 2,206	100.0%	\$ 100,920	\$ 2,206	\$ 103,126	
<b>Total Reg Ops Mgmt - NonUnion</b>	100.0%	\$ 4,325,396	\$ 4,477,239	\$ 3,444,030	\$ 77,491	\$ 94,539		\$ 1,694,395	\$ 37,034	\$ 1,731,429	
		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
		\$ 242,016	\$ 232,505	\$ 178,850	\$ 3,130	\$ 3,818		\$ -	\$ -	\$ -	

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

LABOR											Adjustment Column	
A	B	C (Act \$ * B)	D (Annz \$ * B)	E (D - C)	F (D * 3% * 9/12)	G	H (C * G)	I ((E + F) * G)	J (H + I)			
<b>FUNCTIONAL AREA</b>	<b>FERC Distribution</b>	<b>(BOOKS)</b>			<b>Annualized Labor @ 3%</b>	<b>CEHE % Tot Billings</b>	<b>Test yr CEHE Portion</b>	<b>2018 &amp; 2019 Adjustment</b>	<b>Adjusted Test Yr CEHE Portion</b>			
9302	28.0%	\$ 1,503,227	\$ 1,767,310	\$ 264,083	\$ 30,928	59.6%	\$ 895,423	\$ 175,728	\$ 1,071,152	9302		
4265	0.0%	\$ 2,095	\$ 2,463	\$ 368	\$ 43	21.4%	\$ 448	\$ 88	\$ 535	4265		
9030	43.4%	\$ 2,326,180	\$ 2,734,837	\$ 408,658	\$ 47,860	19.7%	\$ 457,410	\$ 89,768	\$ 547,178	9030		
9250	9.5%	\$ 509,935	\$ 599,519	\$ 89,584	\$ 10,492	57.9%	\$ 295,009	\$ 57,896	\$ 352,905	9250		
9080	0.0%	\$ 867	\$ 1,019	\$ 152	\$ 18	57.9%	\$ 501	\$ 98	\$ 600	9080		
9090	16.7%	\$ 893,547	\$ 1,050,523	\$ 156,976	\$ 18,384	100.0%	\$ 893,547	\$ 175,360	\$ 1,068,907	9090		
1070	2.3%	\$ 125,081	\$ 147,055	\$ 21,974	\$ 2,573	36.5%	\$ 45,608	\$ 8,951	\$ 54,558	1070		
<b>Total Reg Ops Mgmt - Union</b>		\$ 5,360,931	\$ 6,302,726	\$ 941,795	\$ 110,298		\$ 2,587,946	\$ 507,889	\$ 3,095,835			
<b>Total Regulated Operations Mgmt</b>	Total 100.0%	\$ -	\$ -	\$ -	\$ -		\$ 15,437,007	\$ 996,824	\$ 16,433,831			
<b>Technology Operations</b>		\$ 35,058,854	\$ 36,062,539	\$ 1,003,685	\$ 811,407		\$ 31,325,001	\$ 1,621,780	\$ 32,946,781			
N/A	0.0%	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	N/A		
9302	21.7%	\$ 7,591,351	\$ 7,808,680	\$ 217,330	\$ 175,695	52.1%	\$ 3,953,918	\$ 204,705	\$ 4,158,623	9302		
4265	0.0%	\$ 202	\$ 207	\$ 6	\$ 5	64.7%	\$ 131	\$ 7	\$ 137	4265		
9020	0.5%	\$ 182,103	\$ 187,316	\$ 5,213	\$ 4,215	47.1%	\$ 85,754	\$ 4,440	\$ 90,194	9020		
5930	0.0%	\$ (145)	\$ (149)	\$ (4)	\$ (3)	100.0%	\$ (145)	\$ (7)	\$ (152)	5930		
5600	7.1%	\$ 2,488,462	\$ 2,559,703	\$ 71,241	\$ 57,593	100.0%	\$ 2,488,462	\$ 128,834	\$ 2,617,297	5600		
5800	30.9%	\$ 10,831,159	\$ 11,141,239	\$ 310,081	\$ 250,678	100.0%	\$ 10,831,159	\$ 560,758	\$ 11,391,917	5800		
9030	9.1%	\$ 3,205,073	\$ 3,296,830	\$ 91,757	\$ 74,179	100.0%	\$ 3,205,073	\$ 165,935	\$ 3,371,008	9030		
1070	30.7%	\$ 10,760,649	\$ 11,068,711	\$ 308,062	\$ 249,046	100.0%	\$ 10,760,649	\$ 557,108	\$ 11,317,757	1070		
<b>Total Technology Operations</b>	Total 100.0%	\$ 35,058,854	\$ 36,062,539	\$ 1,003,685	\$ 811,407		\$ 31,325,001	\$ 1,621,780	\$ 32,946,781			
<b>Grand Total - All Functions</b>		\$ 135,441,772	\$ 140,084,245	\$ 4,642,473	\$ 3,120,382		\$ 78,011,949	\$ 4,350,068	\$ 82,362,017			
<b>Total by FERC:</b>										<b>Total by FEI</b>		
1070		\$ 12,379,853	\$ 12,734,517	\$ 354,665	\$ 285,791		\$ 12,100,395	\$ 617,502	\$ 12,717,897	1070		
1810		\$ 679,555	\$ 689,395	\$ 9,840	\$ 15,511		\$ 679,555	\$ 25,351	\$ 704,906	1810		
1823		\$ 604,010	\$ 614,316	\$ 10,305	\$ 13,822		\$ 604,010	\$ 24,127	\$ 628,138	1823		
4261		\$ 1,092,466	\$ 1,037,237	\$ (55,229)	\$ 23,338		\$ 712,432	\$ (20,806)	\$ 691,627	4261		
4264		\$ 3,514,961	\$ 3,620,674	\$ 105,713	\$ 81,465		\$ 2,527,460	\$ 134,590	\$ 2,662,051	4264		
4265		\$ 135,584	\$ 143,120	\$ 7,537	\$ 3,208		\$ 53,167	\$ 3,959	\$ 57,125	4265		
5600		\$ 2,519,567	\$ 2,591,529	\$ 71,963	\$ 58,309		\$ 2,523,798	\$ 130,468	\$ 2,654,266	5600		
5620		\$ 31,053	\$ 31,774	\$ 721	\$ 715		\$ 35,285	\$ 1,632	\$ 36,917	5620		
5630		\$ 31,053	\$ 31,774	\$ 721	\$ 715		\$ 35,285	\$ 1,632	\$ 36,917	5630		
5640		\$ 31,053	\$ 31,774	\$ 721	\$ 715		\$ 35,285	\$ 1,632	\$ 36,917	5640		

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

		Short Term Incentive (STI)							Adjustment Column	
		A	B	C	D	E	F	G	H	I
		Annualized		Target at 100%	Annualized @ 3%	STI @ Avg	CEHE %	STI Adjustment to		
		(Annz \$ * %)		(B / 1.3)	for 9 Months	Achievement	Tot Billings	G (A * F)	E * F	G + H
					(C * 3% * 9/12)	122%		CEHE		
FUNCTIONAL AREA	FERC (BOOKS)							Test yr	Adjusted Test Yr	
Distribution	28.0%	\$ 67,862	\$ 65,195	\$ 50,150	\$ 878	\$ 1,071	59.6%	\$ 40,423	\$ 638	\$ 41,061
	0.0%	\$ 95	\$ 91	\$ 70	\$ 1	\$ 1	21.4%	\$ 20	\$ 0	\$ 21
	43.4%	\$ 105,014	\$ 100,887	\$ 77,605	\$ 1,358	\$ 1,657	19.7%	\$ 20,650	\$ 326	\$ 20,975
	9.5%	\$ 23,021	\$ 22,116	\$ 17,012	\$ 298	\$ 363	57.9%	\$ 13,318	\$ 210	\$ 13,528
	0.0%	\$ 39	\$ 38	\$ 29	\$ 1	\$ 1	57.9%	\$ 23	\$ 0	\$ 23
	16.7%	\$ 40,339	\$ 38,753	\$ 29,810	\$ 522	\$ 636	100.0%	\$ 40,339	\$ 636	\$ 40,975
	2.3%	\$ 5,647	\$ 5,425	\$ 4,173	\$ 73	\$ 89	36.5%	\$ 2,059	\$ 32	\$ 2,091
<b>Total Reg Ops</b>										
Mgmt - Union	100.0%	\$ 242,016	\$ 232,505	\$ 178,850	\$ 3,130	\$ 3,818		\$ 116,831	\$ 1,843	\$ 118,674
<b>Total Regulated</b>										
Operations Mgmt		\$ 4,567,411	\$ 4,709,744	\$ 3,622,880	\$ 80,621	\$ 98,357		\$ 1,811,226	\$ 38,877	\$ 1,850,103
<b>Technology Operations</b>										
		\$ 4,338,902	\$ 4,454,317	\$ 3,426,398	\$ 77,094	\$ 94,055				
	0.0%	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
	21.7%	\$ 939,509	\$ 964,501	\$ 741,924	\$ 16,693	\$ 20,366	52.1%	\$ 489,339	\$ 10,607	\$ 499,946
	0.0%	\$ 25	\$ 26	\$ 20	\$ 0	\$ 1	64.7%	\$ 16	\$ 0	\$ 17
	0.5%	\$ 22,537	\$ 23,137	\$ 17,797	\$ 400	\$ 489	47.1%	\$ 10,613	\$ 230	\$ 10,843
	0.0%	\$ (18)	\$ (18)	\$ (14)	\$ (0)	\$ (0)	100.0%	\$ (18)	\$ (0)	\$ (18)
	7.1%	\$ 307,973	\$ 316,165	\$ 243,204	\$ 5,472	\$ 6,676	100.0%	\$ 307,973	\$ 6,676	\$ 314,649
	30.9%	\$ 1,340,470	\$ 1,376,126	\$ 1,058,559	\$ 23,818	\$ 29,057	100.0%	\$ 1,340,470	\$ 29,057	\$ 1,369,527
	9.1%	\$ 396,661	\$ 407,213	\$ 313,241	\$ 7,048	\$ 8,598	100.0%	\$ 396,661	\$ 8,598	\$ 405,260
	30.7%	\$ 1,331,743	\$ 1,367,168	\$ 1,051,668	\$ 23,663	\$ 28,868	100.0%	\$ 1,331,743	\$ 28,868	\$ 1,360,612
<b>Total Technology Operations</b>										
		\$ 4,338,902	\$ 4,454,317	\$ 3,426,398	\$ 77,094	\$ 94,055		\$ 3,876,798	\$ 84,038	\$ 3,960,836
<b>Grand Total - All Functions</b>										
		\$ 22,841,090	\$ 24,893,281	\$ 19,148,678	\$ 429,951	\$ 524,540		\$ 11,900,730	\$ 261,382	\$ 12,162,112
tC:										
		\$ 1,584,691	\$ 1,620,747	\$ 1,246,728	\$ 28,031	\$ 34,197		\$ 1,544,840	\$ 33,386	\$ 1,578,226
		\$ 126,276	\$ 124,225	\$ 95,558	\$ 2,150	\$ 2,623		\$ 126,276	\$ 2,623	\$ 128,899
		\$ 130,862	\$ 127,122	\$ 97,786	\$ 2,200	\$ 2,684		\$ 130,862	\$ 2,684	\$ 133,546
		\$ 187,312	\$ 179,684	\$ 138,219	\$ 3,110	\$ 3,794		\$ 122,146	\$ 2,474	\$ 124,620
		\$ 794,684	\$ 811,622	\$ 624,325	\$ 14,047	\$ 17,138		\$ 571,428	\$ 12,323	\$ 583,751
		\$ 109,235	\$ 185,233	\$ 142,487	\$ 3,206	\$ 3,911		\$ 38,410	\$ 1,354	\$ 39,764
		\$ 312,286	\$ 320,615	\$ 246,627	\$ 5,549	\$ 6,770		\$ 312,873	\$ 6,783	\$ 319,656
		\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94		\$ 4,890	\$ 107	\$ 4,997
		\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94		\$ 4,890	\$ 107	\$ 4,997
		\$ 4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94		\$ 4,890	\$ 107	\$ 4,997

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

LABOR										Adjustment Column
A	B	C (Act \$ * B)	D (Annz \$ * B)	E (D - C)	F (D * 3% * 9/12)	G	H (C * G)	I ((E + F) * G)	J (H + I)	
FUNCTIONAL AREA	FERC	(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion	
	Distribution									
5700	\$	31,053	\$ 31,774	\$ 721	\$ 715	\$	35,285	\$ 1,632	\$ 36,917	5700
5710	\$	62,106	\$ 63,548	\$ 1,442	\$ 1,430	\$	70,570	\$ 3,263	\$ 73,833	5710
5720	\$	31,053	\$ 31,774	\$ 721	\$ 715	\$	35,285	\$ 1,632	\$ 36,917	5720
5800	\$	10,862,588	\$ 11,173,395	\$ 310,807	\$ 251,401	\$	10,866,820	\$ 562,404	\$ 11,429,224	5800
5820	\$	31,053	\$ 31,774	\$ 721	\$ 715	\$	35,285	\$ 1,632	\$ 36,917	5820
5830	\$	62,106	\$ 63,548	\$ 1,442	\$ 1,430	\$	70,570	\$ 3,263	\$ 73,833	5830
5840	\$	62,106	\$ 63,548	\$ 1,442	\$ 1,430	\$	70,570	\$ 3,263	\$ 73,833	5840
5850	\$	62,106	\$ 63,548	\$ 1,442	\$ 1,430	\$	70,570	\$ 3,263	\$ 73,833	5850
5860	\$	41,795	\$ 42,666	\$ 871	\$ 960	\$	46,027	\$ 2,027	\$ 48,054	5860
5870	\$	31,053	\$ 31,774	\$ 721	\$ 715	\$	35,285	\$ 1,632	\$ 36,917	5870
5930	\$	90,510	\$ 95,072	\$ 4,562	\$ 2,139	\$	94,742	\$ 6,897	\$ 101,639	5930
5970	\$	31,053	\$ 31,774	\$ 721	\$ 715	\$	35,285	\$ 1,632	\$ 36,917	5970
9020	\$	182,103	\$ 187,316	\$ 5,213	\$ 4,215	\$	85,754	\$ 4,440	\$ 90,194	9020
9030	\$	19,857,672	\$ 20,575,875	\$ 718,203	\$ 449,283	\$	6,466,940	\$ 362,411	\$ 6,829,351	9030
9080	\$	6,168	\$ 6,401	\$ 233	\$ 139	\$	5,803	\$ 300	\$ 6,103	9080
9090	\$	6,360,680	\$ 6,600,811	\$ 240,131	\$ 143,266	\$	2,887,001	\$ 251,216	\$ 3,138,217	9090
9210	\$	441,350	\$ 451,596	\$ 10,247	\$ 10,161	\$	254,994	\$ 11,791	\$ 266,784	9210
9250	\$	3,629,953	\$ 3,766,992	\$ 137,040	\$ 81,760	\$	2,100,008	\$ 126,580	\$ 2,226,589	9250
9302	\$	67,034,869	\$ 69,605,757	\$ 2,570,888	\$ 1,557,293	\$	30,260,445	\$ 1,841,281	\$ 32,101,726	9302
9310	\$	4,914,219	\$ 5,028,310	\$ 114,091	\$ 113,137	\$	4,914,219	\$ 227,228	\$ 5,141,447	9310
9350	\$	597,016	\$ 610,877	\$ 13,861	\$ 13,745	\$	263,815	\$ 12,198	\$ 276,013	9350
CLRS	\$	(0)	\$ (0)	\$ (0)	\$ (0)	\$	0	\$ 0	\$ 0	CLRS
N/A	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -	\$ -	N/A
Grand Total By FERC	\$	135,441,772	\$ 140,084,245	\$ 4,642,473	\$ 3,120,382	\$	78,011,949	\$ 4,350,068	\$ 82,362,017	Grd Total By

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

CPA Adjustment -  
 Support Schedule  
 for VK6 -  
 Workpaper CW1

		Short Term Incentive (STI)						Adjustment Column			
		A	B	C	D	E	F	G	H	I	
		Annualized		Target at 100%	Annualized @ 3%		CEHE %	STI Adjustment to CEHE			
		(Annz \$ * %)		(B / 1.3)	(C * 3% * 9/12)		(D * 1.22)	Tot Billings	G (A * F)	E * F	G + H
FERC	(BOOKS)										
FUNCTIONAL AREA	Distribution							Test yr	Adjusted Test Yr		
	\$	4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	\$	4,890	\$ 107	\$ 4,997	
	\$	8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	\$	9,781	\$ 213	\$ 9,994	
	\$	4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	\$	4,890	\$ 107	\$ 4,997	
	\$	1,344,842	\$ 1,380,634	\$ 1,062,026	\$ 23,896	\$ 29,153	\$	1,345,428	\$ 29,165	\$ 1,374,594	
	\$	4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	\$	4,890	\$ 107	\$ 4,997	
	\$	8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	\$	9,781	\$ 213	\$ 9,994	
	\$	8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	\$	9,781	\$ 213	\$ 9,994	
	\$	8,608	\$ 8,880	\$ 6,831	\$ 154	\$ 188	\$	9,781	\$ 213	\$ 9,994	
	\$	6,252	\$ 6,359	\$ 4,892	\$ 110	\$ 134	\$	6,838	\$ 147	\$ 6,985	
	\$	4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	\$	4,890	\$ 107	\$ 4,997	
	\$	16,254	\$ 17,057	\$ 13,121	\$ 295	\$ 360	\$	16,841	\$ 373	\$ 17,214	
	\$	4,304	\$ 4,440	\$ 3,415	\$ 77	\$ 94	\$	4,890	\$ 107	\$ 4,997	
	\$	22,537	\$ 23,137	\$ 17,797	\$ 400	\$ 489	\$	10,613	\$ 230	\$ 10,843	
	\$	2,395,526	\$ 2,467,586	\$ 1,898,143	\$ 42,320	\$ 51,631	\$	787,420	\$ 17,012	\$ 804,432	
	\$	738	\$ 761	\$ 586	\$ 13	\$ 16	\$	722	\$ 16	\$ 737	
	\$	761,285	\$ 785,008	\$ 603,853	\$ 13,438	\$ 16,394	\$	303,214	\$ 6,382	\$ 309,596	
	\$	61,168	\$ 63,103	\$ 48,541	\$ 1,092	\$ 1,332	\$	35,341	\$ 770	\$ 36,110	
	\$	434,455	\$ 447,994	\$ 344,610	\$ 7,669	\$ 9,356	\$	251,342	\$ 5,413	\$ 256,754	
	\$	13,720,002	\$ 15,473,371	\$ 11,902,593	\$ 267,558	\$ 326,420	\$	5,500,249	\$ 122,910	\$ 5,623,159	
	\$	681,080	\$ 702,624	\$ 540,480	\$ 12,161	\$ 14,836	\$	681,080	\$ 14,836	\$ 695,916	
	\$	82,743	\$ 85,360	\$ 65,662	\$ 1,477	\$ 1,802	\$	36,563	\$ 796	\$ 37,360	
	\$	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$	0	\$ 0	\$ 0	
	\$	-	\$ -	\$ -	\$ -	\$ -	\$	-	\$ -	\$ -	
FERC	\$	22,841,090	\$ 24,893,281	\$ 19,148,678	\$ 429,951	\$ 524,540	\$	11,900,730	\$ 261,382	\$ 12,162,112	

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

From WP/V-K-6.5

Affiliate to CEHE	Net Amount
5960	3.85
5960	15.07
5960	126.20
5960	34.69
5960	5.18
5930	0.01
5930	(39.58)
5920	0.17
5920	0.02
5920	1.55
5920	(3.40)
5920	2.90
1070	5.76
1070	3.86
1070	46.00
1070	546.96
1070	20.66
1070	57.19
1070	12.40
9310	16.91
9310	33.81
5960	16.12
5960	(81.43)
5930	175.23
5930	41.53
5930	711.15
5930	610.73
5920	255.51
1070	292.72
1070	292.72
1070	365.90
1070	292.72
9310	65.97
9310	188.32
9030	30.22
5970	8.88
5970	15.88
5970	2.71
5970	4.87
5970	0.72
5960	15.11
5940	52.89
5930	264.46
5930	8.88
5930	15.88
5930	2.71
5930	4.87
5930	0.72
5920	1,706.60
5880	182.85
5880	45.34
5870	30.22
5870	8.88
5870	15.88
5870	2.71
5870	4.87
5870	0.72
5860	90.67
5860	8.88
5860	15.88

Co 62 Billing Errors

Co 72 Billing Errors

Co 77 Billing Errors

From V-K-6		FERC
0002-CNP Service Co	Remove Service Co Storm Related Expenses from Test Year	\$ (166,742) 5940
0062-CNP Arkla Gas	Labor and Transportation Billings	\$ (839)
0072-CNP Minnesota Gas	Labor Billings	\$ (1,780)
0077-CNP Services	Labor Billings	\$ (1,244)
0082-CNP Entex Gas	Labor, Transportation, and Professional Services Billings	\$ 18,834
0086-CNP Mobile Energy Solutions	Labor Billings	\$ (3)
0299-CNP Holding Co	Administrative Billings	\$ (32,807)
0413-CNP Electro Services	Labor Billings	\$ 4,573
		\$ (180,009)

Affiliate EE Expense Adj		Employees Expense - Affiliates Allocated to CEHE	C (A + B)	FERC
CEHE Portion	Adjustment		Adjusted Ending Balance	
\$ 2,517,461.83	\$ (813,885.50)	\$ 1,703,576.32	9302	
\$ 39,552.31	\$ (36,897.24)	\$ 2,655.07	4264	
\$ 11,770.73	\$ (1,827.04)	\$ 9,943.69	1070	
\$ 5.99	\$ -	\$ 5.99	1860	
\$ 329.22	\$ -	\$ 329.22	9260	
\$ 2,569,120.08	\$ (852,609.78)	\$ 1,716,510.30	Total	
\$ 2,517.46	\$ (813.89)	\$ 1,703.58		

See WP V-K-6.6 for support

Affiliate Other Adj.	FERC	Amount
Billing Errors	1070	26,967
Billing Errors	5600	(3,422)
Billing Errors	5620	(460)
Billing Errors	5630	(34)
Billing Errors	5640	(33)
Billing Errors	5660	(1)
Billing Errors	5690	(549)
Billing Errors	5700	(1,740)
Billing Errors	5710	(67)
Billing Errors	5720	(33)
Billing Errors	5800	(24,933)
Billing Errors	5820	(1,557)
Billing Errors	5830	(179)
Billing Errors	5840	(66)
Billing Errors	5850	(66)
Billing Errors	5860	(124)
Billing Errors	5870	(63)
Billing Errors	5880	(228)
Billing Errors	5920	(1,963)
Billing Errors	5930	(168,339)
Billing Errors	5940	(571)
Billing Errors	5960	(769)
Billing Errors	5970	(33)
Billing Errors	9030	(30)
Billing Errors	9302	(1,151)
Billing Errors	9310	(305)
		(180,009)
Less Capital:		(26,967)
		(206,975)

See WP V-K-6.5 for support

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

5860	2.71
5860	4.87
5860	0.72
5850	17.76
5850	31.76
5850	5.41
5850	9.74
5850	1.44
5840	17.76
5840	31.76
5840	5.41
5840	9.74
5840	1.44
5830	113.34
5830	17.76
5830	31.76
5830	5.41
5830	9.74
5830	1.44
5820	1,523.75
5820	8.88
5820	15.88
5820	2.71
5820	4.87
5820	0.72
5800	113.34
5800	8.88
5800	15.88
5800	2.71
5800	4.87
5800	0.72
5720	8.88
5720	15.88
5720	2.71
5720	4.87
5720	0.72
5710	17.76
5710	31.76
5710	5.41
5710	9.74
5710	1.44
5700	1,706.60
5700	8.88
5700	15.88
5700	2.71
5700	4.87
5700	0.72
5690	548.55
5640	8.88
5640	15.88
5640	2.71
5640	4.87
5640	0.72
5630	8.88
5630	15.88
5630	2.71
5630	4.87
5630	0.72
5620	426.65
5620	8.88
5620	15.88
5620	2.71

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

Source: See attached file WP Employee Expense Adjustment.xlsx (voluminous)

Functional Area	Sum of Transaction currency	Sum of Exclude*	Sum of No receipt, No itemized receipt	Sum of Alcohol	Sum of Misc Items amounts
5660	1,220.15	-	-	-	-
5700	3,525.03	(230.05)	(230.05)	-	-
5800	45,192.81	(5,127.00)	(4,892.00)	(55.00)	(180.00)
5840	111,600.89	(8,719.76)	(8,639.76)	-	(80.00)
5860	77,057.13	(4,219.69)	(4,078.59)	(49.50)	(91.60)
5870	4,170.49	-	-	-	-
5880	136,843.18	(14,115.08)	(10,510.24)	(3,604.84)	-
5920	1,164.88	(152.99)	(152.99)	-	-
5930	226,536.18	(361.40)	(361.40)	-	-
5940	6,757.85	(1,503.84)	(1,503.84)	-	-
5980	102,946.61	(2,248.39)	(645.79)	(1,602.60)	-
9020	2,613.30	(148.30)	(148.30)	-	-
9030	83,654.59	(12,510.28)	(9,989.06)	(1,936.22)	(585.00)
9080	146,739.01	(31,043.30)	(27,599.79)	(1,874.85)	(1,568.66)
9100	5,266.49	-	-	-	-
9200	8,949.04	(1,193.62)	(1,193.62)	-	-
9210	33,041.78	-	-	-	-
9250	23,878.94	(388.58)	(388.58)	-	-
9302	919,714.80	(16,161.55)	(16,136.55)	(25.00)	-
H110	201,652.13	(18,019.41)	(17,242.82)	(32.00)	(744.59)
H120	13,414.20	(525.93)	(525.93)	-	-
H150	27,317.58	(1,788.05)	(1,771.05)	(17.00)	-
H180	611,053.60	(29,208.19)	(14,852.89)	(1,483.76)	(12,871.54)
H200	90,157.08	(8,682.12)	(4,679.02)	(451.84)	(3,551.26)
H210	6,737.43	(323.47)	(323.47)	-	-
H220	6,773.21	(639.61)	(51.89)	(77.72)	(510.00)
H230	33,037.29	(148.92)	(148.92)	-	-
H240	47,580.96	(667.50)	(667.50)	-	-
H250	81,565.12	(7,902.78)	(7,872.84)	(3.77)	(26.17)
H280	12,271.97	(55.75)	(43.75)	-	(12.00)
H290	116,093.48	(15,620.44)	(8,372.50)	(20.00)	(7,227.94)
H310	6,304.36	(725.19)	(725.19)	-	-
H340	3,439.71	137.47	137.47	-	-
H350	12,662.70	(3,207.27)	(3,131.37)	(75.90)	-
H360	122,235.97	(44,009.02)	(7,189.17)	(1,529.02)	(35,290.83)
H370	35,067.06	(1,243.37)	(689.22)	(505.00)	(49.35)
H400	10,011.05	(549.94)	(246.52)	-	(303.42)
H430	11,682.94	(822.86)	(818.86)	(4.00)	-
H450	16,640.24	(585.49)	(578.49)	(7.00)	-
H460	26,604.15	(1,000.72)	(526.14)	-	(474.58)
H470	26,876.97	(1,004.33)	(1,004.33)	-	-
H480	4,167.24	(210.59)	(194.59)	(16.00)	-
H490	36,475.51	(2,322.93)	(2,322.93)	-	-
H500	71,471.15	(3,331.39)	(2,948.57)	(8.49)	(374.33)
Grand Total	3,572,166.25	(240,581.83)	(163,261.05)	(13,379.51)	(63,941.27)
	3,572.17	Beg Balance			
	(240.56)	Adjustment			
	3,331.61	End Balance			

Pooling FERCs	
5560	-
5600	(9,088.18)
5610	-
5611	(18.95)
5612	(3,415.58)
5613	(314.55)
5614	(990.69)
5615	(933.94)
5617	(250.65)
5620	(49.70)
5630	(2,367.75)
5640	-
5660	(5,535.62)
5680	-
5690	(648.38)
5700	(1,801.32)
5710	(5,516.53)
5720	-
5730	(590.06)
5800	(19,017.99)
5810	(2,294.24)
5820	(426.58)
5830	(13,017.47)
5840	(247.06)
5850	(105.19)
5860	(4,122.72)
5870	(759.27)
5880	(12,183.55)
5900	(17,058.57)
5910	(557.66)
5920	(4,031.47)
5930	(24,560.70)
5940	(8,903.26)
5960	(754.84)
5970	-
5980	(1.49)
9010	-
9020	-
9030	(1,010.85)
9070	-
9080	(1,538.50)
9090	(319.81)
9100	-
Pooling Total	(142,433.13)
FERC Total	(98,123.83)
Total Adjustment	(240,556.96)

To WP II-D-1 and WP II-D-2	
Total Adjustment by FERC	
5560	-
5600	(9,088.18)
5610	-
5611	(18.95)
5612	(3,415.58)
5613	(314.55)
5614	(990.69)
5615	(933.94)
5617	(250.65)
5620	(49.70)
5630	(2,367.75)
5640	-
5660	(5,535.62)
5680	-
5690	(648.38)
5700	(2,031.37)
5710	(5,516.53)
5720	-
5730	(590.06)
5800	(24,144.99)
5810	(2,294.24)
5820	(426.58)
5830	(13,017.47)
5840	(8,966.82)
5850	(105.19)
5860	(8,342.41)
5870	(759.27)
5880	(26,298.63)
5900	(17,058.57)
5910	(557.66)
5920	(4,184.46)
5930	(24,922.10)
5940	(10,407.10)
5960	(754.84)
5970	-
5980	(2,249.88)
9010	-
9020	(148.30)
9030	(13,521.13)
9070	-
9080	(32,581.80)
9090	(319.81)
9100	-
9200	(1,193.62)
9210	-
9250	(388.58)
9302	(16,161.55)
	(240,556.96)



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

Reclass Membership Dues from FERC 9100 to FERC 9302  
 Source: SAP GL Detail

Year	Period	Pstng Date	DocumentNo	RefDocumnt	CoCd	Account	DT	Cost Ctr	WBS Elem.	Profit Ctr	Func. Area	Quantity	Trans.cur.	Text
2018	11	11/29/2018	1276408189	1800209490		3	550086	ER	101015	1100510	9100		1,940.00	55429508284637480561203/WOODLANDS CHAMBER OF C/201
2018	11	11/27/2018	1276248069	1700354541		3	550086	KN	101015	1100510	9100		1,000.00	2019 Annual Membership
2018	11	11/21/2018	1275847549	1700354318		3	550086	KN	101015	1100510	9100		100,000.00	Texas Economic Dev Corp(TexasOne) inv 256
2018	11	11/16/2018	1275652524	1800121541		3	550086	ER	101015	1100510	9100		2,500.00	55429508310637720615973/THE LAKE HOUSTON AREA/2018
2018	10	10/15/2018	1273749264	1700352907		3	550086	KN	101015	1100510	9100		395.00	
2018	9	9/24/2018	1272641996	1700352021		3	550086	KN	101015	1100510	9100		31,000.00	Membership dues 10/01/2018 - 10/01/2019
2018	7	7/31/2018	1269467405	1700349964		3	550086	KN	101015	1100510	9100		2,200.00	2018 Annual Membership Dues
2018	6	6/7/2018	1266265106	1700348038		3	550086	KN	101015	1100510	9100		7,500.00	Trustee Annual Membership Dues
2018	4	4/23/2018	1263399768	1700346428		3	550086	KN	101015	1100510	9100		6,000.00	2018 Pacsetter Plus Investor
2018	4	4/17/2018	1263177701	1700346174		3	550086	KN	101015	1100510	9100		5,000.00	2018 Membership Dues
2018	3	3/9/2018	1261042236	1800192083		3	550086	ER	101015	1100510	9100		283.75	55429508037894653572380/PAYPAL ROTARYCLUBB/201802
2018	2	2/8/2018	1259486910	1700343988		3	550086	KN	101015	1100510	9100		5,500.00	WHA 2018 Membership
2018	2	2/8/2018	1259486104	1700343987		3	550086	KN	101015	1100510	9100		3,000.00	2018 Annual Membership
2018	2	2/1/2018	1259139128	1700343660		3	550086	KN	101015	1100510	9100		5,000.00	2018 Annual Membership
2018	1	1/15/2018	1258079107	1700343141		3	550086	KN	101015	1100510	9100		4,000.00	2018 GEDP Membership Investment
2018	1	1/15/2018	1258079106	1700198458		3	550086	KN	101015	1100510	9100		7,500.00	2018 Membership Dues
2018	1	1/15/2018	1258078604	1700343139		3	550086	KN	101015	1100510	9100		1,000.00	2018 Associates Dues
2018	1	1/11/2018	1257927932	1700343037		3	550086	KN	101015	1100510	9100		5,500.00	2018 Membership Dues
2018	1	1/10/2018	1257868894	1800188144		3	550086	ER	101015	1100510	9100		255.75	55429507348894652354471/PAYPAL ROTARYCLUBB/201712
2018	1	1/8/2018	1257769201	1700342797		3	550086	KN	101015	1100510	9100		1,000.00	2018 Membership Dues
2018	1	1/3/2018	1257564342	1700342062		3	550086	KN	101015	1100510	9100		31,000.00	Membership Tier V Premium Oct 2017 - Oct 2018

221,574.50

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

SMT O&M 101236 WO# 11032020														
Source: SAP Report														
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Dec	Expected	Comments	
522010 Employee Travel			350.00			350.00				350.00		350.00	1,400.00	
522060 Meals & Entertainment			60.00			60.00				60.00		60.00	240.00	
522080 Park/In town Travel (mileage)			25.00			25.00				25.00		25.00	100.00	
522010 Cab														
<b>TOTAL EMP EXPENSES Expected</b>	0.00	0.00	435.00	0.00	0.00	435.00	0.00	0.00	0.00	435.00	0.00	435.00	1,740.00	
545510 Hosting Contract	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	\$ 196,364	2,356,368.00	
Hosting - SMT 2U													0.00	
545510 MNT Contract	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	\$ 39,867	478,404.00	
Maintenance - Oracle	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	135,000.00	
545510 10% Misc Unexpensed Expenses	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	324,000.00	
<b>TOTAL 545510 CONTRACT AND SERVICES Expected</b>	\$ 398,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	\$ 263,231	3,293,772.00	
543010 Independent UAT Team ADA & DR Exercise										3,500.00			3,500.00	
543010 Legal - Baker McKenzie							3,500.00			10,000.00		3,500.00	17,000.00	
543010 Annual End to End Security Audit										90,000.00			90,000.00	
543010 Professional Svc related to Andrea				37,800.00			37,800.00			37,800.00		37,800.00	151,200.00	
543010 Travel Expenses Related to Andrea				900.00			900.00			900.00		900.00	3,600.00	
<b>TOTAL 543010 CONTRACT AND SERVICES Expected</b>	0.00	0.00	0.00	38,700.00	0.00	0.00	42,200.00	0.00	0.00	142,200.00	0.00	42,200.00	265,300.00	
545160 Maintenance Service Order 3 2018 COOXX to SO3 SSL Certificate Renewal 2018			4,500.00										4,500.00	
<b>TOTAL 545160 CONTRACT AND SERVICES Expected</b>	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,500.00	
<b>TOTAL EXPENSES EXPECTED</b>	398,231.00	263,231.00	268,166.00	301,931.00	263,231.00	263,666.00	305,431.00	263,231.00	263,666.00	405,431.00	263,231.00	305,866.00	3,565,312.00	
<b>Totals</b>													3,565,312.00	

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

FERC Account	Description	Total Company	WP II-D-2 Adj 1 Energy Efficiency	WP II-D-2 Adj 2 Transportation Depreciation	WP II-D-2 Adj 3 Prior Period	WP II-D-2 Adj 4 Affiliate Wages	WP II-D-2 Adj 5 Direct Wages	WP II-D-2 Adj 6 Benefits
<b>Administrative &amp; General Expenses</b>								
9200	Admin. & General Salaries	2,370,686	-	(1,129)	-	-	60,279	-
9210	Office Supplies	1,795,265	-	-	-	12,560	-	-
9230	Outside Services	1,063,665	-	-	-	-	-	-
9240	Property Insurance Exp.	7,315,382	-	-	-	-	-	-
9250	Injuries & Damages	22,844,718	(2,967)	(113)	-	131,993	847,873	-
9260	Pensions & Benefits	62,095,563	(539,658)	-	(6,076,967)	-	153,455	(8,855,779)
9280	Regulatory Commission	73,821	-	-	-	-	-	-
9301	Gen Advertising Exp	366,906	(243,641)	-	-	-	-	-
9302	Misc General Expense	145,090,563	(22,612)	(9,763)	1,061,878	1,964,191	(1,585,288)	586,935
9310	Rents	10,884,639	-	-	-	242,064	-	-
9350	Maint. of General Plant	2,606,814	-	-	-	12,995	-	-
<b>TOTAL A&amp;G EXPENSE</b>		<b>256,508,021</b>	<b>(808,877)</b>	<b>(11,006)</b>	<b>(5,015,089)</b>	<b>2,363,803</b>	<b>(523,682)</b>	<b>(8,268,844)</b>
Rounded to Thousands			(809)	(11)	(5,015)	2,364	(524)	(8,269)

Adjustment Description

Adjustment	Description
WP II-D-2 Adj 1	Adjustment to exclude Energy Efficiency
WP II-D-2 Adj 2	Adjustment for Transportation Depreciation
WP II-D-2 Adj 3	Adjustment due to Prior Period
WP II-D-2 Adj 4	Adjustment to Affiliate Wages
WP II-D-2 Adj 5	Adjustment to Direct Wages
WP II-D-2 Adj 6	Adjustment to Benefits
WP II-D-2 Adj 7	Adjustment to exclude non-recoverable
WP II-D-2 Adj 8	Adjustment due to removal of certain Employee Expenses
WP II-D-2 Adj 9	Adjustment to Property Insurance Reserve expense
WP II-D-2 Adj 10	Adjustment to Worker's Compensation expense
WP II-D-2 Adj 11	Adjustment to remove rate case expense
WP II-D-2 Adj 12	Adjustment to Auto & General expense
WP II-D-2 Adj 13	Adjustment to reclass membership dues
WP II-D-2 Adj 14	Adjustment for Affiliate Employee expenses
WP II-D-2 Adj 15	Adjustment to remove Other Affiliate expenses
WP II-D-2 Adj 16	Adjustment to remove AMS Transportation Depreciation

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

Adjustments and Known Changes								
FERC Account	Description	WP II-D-2 Adj 7 Non-Recoverable	WP II-D-2 Adj 8 Employee Expense	WP II-D-2 Adj 9 Property Self-Insurance Reserve	WP II-D-2 Adj 10 Workers' Compensation	WP II-D-2 Adj 11 Rate Case Expense	WP II-D-2 Adj 12 Auto & General Reserve	WP II-D-2 Adj 13 Reclass Membership Dues
<b>Administrative &amp; General Expenses</b>								
9200	Admin. & General Salaries		(1,194)					
9210	Office Supplies		-					
9230	Outside Services		-					
9240	Property Insurance Exp.		-	3,535,000				
9250	Injuries & Damages		(389)		(348,388)		(2,945,349)	
9260	Pensions & Benefits	31,045	-					
9280	Regulatory Commission		-			(73,821)		
9301	Gen Advertising Exp		-					
9302	Misc General Expense	(256,574)	(16,162)					221,575
9310	Rents		-					
9350	Maint. of General Plant		-					
<b>TOTAL A&amp;G EXPENSE</b>		<b>(225,528)</b>	<b>(17,744)</b>	<b>3,535,000</b>	<b>(348,388)</b>	<b>(73,821)</b>	<b>(2,945,349)</b>	<b>221,575</b>
Rounded to Thousands		(226)	(18)	3,535	(348)	(74)	(2,945)	222

**Adjustment Description**

Adjustment
WP II-D-2 Adj 1
WP II-D-2 Adj 2
WP II-D-2 Adj 3
WP II-D-2 Adj 4
WP II-D-2 Adj 5
WP II-D-2 Adj 6
WP II-D-2 Adj 7
WP II-D-2 Adj 8
WP II-D-2 Adj 9
WP II-D-2 Adj 10
WP II-D-2 Adj 11
WP II-D-2 Adj 12
WP II-D-2 Adj 13
WP II-D-2 Adj 14
WP II-D-2 Adj 15
WP II-D-2 Adj 16

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

FERC Account	Description	WP II-D-2 Adj 14 Affiliate Employee Expense	WP II-D-2 Adj 15 Affiliate Other	WP II-D-2 Adj 16 AMS Transportation Depreciation	Total Known Changes	Company Total Electric
<b>Administrative &amp; General Expenses</b>						
9200	Admin. & General Salaries	-	-	-	57,956	2,428,641
9210	Office Supplies	-	-	-	12,560	1,807,825
9230	Outside Services	-	-	-	-	1,063,665
9240	Property Insurance Exp.	-	-	-	3,535,000	10,850,382
9250	Injuries & Damages	-	-	-	(2,317,340)	20,527,378
9260	Pensions & Benefits	-	-	-	(15,287,903)	46,807,660
9280	Regulatory Commission	-	-	-	(73,821)	0
9301	Gen Advertising Exp	-	-	-	(243,641)	123,265
9302	Misc General Expense	(813,886)	(1,151)	(8,474)	1,120,669	146,211,232
9310	Rents	-	(305)	-	241,759	11,126,398
9350	Maint. of General Plant	-	-	-	12,995	2,619,809
<b>TOTAL A&amp;G EXPENSE</b>		<b>(813,886)</b>	<b>(1,456)</b>	<b>(8,474)</b>	<b>(12,941,766)</b>	<b>243,566,255</b>
Rounded to Thousands		(814)	(1)	(8)		

**Adjustment Description**

Adjustment
WP II-D-2 Adj 1
WP II-D-2 Adj 2
WP II-D-2 Adj 3
WP II-D-2 Adj 4
WP II-D-2 Adj 5
WP II-D-2 Adj 6
WP II-D-2 Adj 7
WP II-D-2 Adj 8
WP II-D-2 Adj 9
WP II-D-2 Adj 10
WP II-D-2 Adj 11
WP II-D-2 Adj 12
WP II-D-2 Adj 13
WP II-D-2 Adj 14
WP II-D-2 Adj 15
WP II-D-2 Adj 16

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

Source: SAP Data		001/2018	002/2018	003/2018	004/2018	005/2018	006/2018	007/2018	008/2018	009/2018	010/2018	011/2018	012/2018	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
FHRC Account	Description	January	February	March	April	May	June	July	August	September	October	November	December				
<b>Administrative &amp; General Expenses</b>																	
9200	Admin & General Salaries	143,600	133,943	307,935	212,604	211,725	61,939	177,072	214,156	172,835	281,831	226,678	226,368	2,370,686	-	57,956	2,428,641
9210	Office Supplies	163,752	118,581	127,852	226,746	170,488	148,120	130,270	114,127	188,751	103,800	160,266	142,512	1,793,265	-	12,560	1,807,825
9230	Outside Services	83,735	61,918	147,942	80,825	75,692	76,527	75,678	76,535	57,708	94,606	76,984	155,517	1,063,665	-	-	1,063,665
9240	Property Insurance Exp	613,950	613,950	613,950	613,950	459,627	526,431	649,565	649,565	626,768	648,494	649,565	649,565	7,315,382	-	3,535,000	10,850,382
9250	Injuries & Damages	1,296,389	1,420,823	1,823,985	1,649,523	1,591,875	1,636,404	1,610,960	1,568,087	4,256,572	1,727,549	1,467,458	2,795,093	22,844,718	-	(2,317,340)	20,527,378
9260	Pensions & Benefits	4,777,230	4,796,107	5,488,445	4,899,698	4,803,813	3,438,242	4,951,358	4,920,779	4,121,283	4,510,143	4,983,733	10,402,714	62,095,563	-	(15,287,903)	46,807,660
9280	Regulatory Commission	6,152	6,152	6,152	6,152	6,152	6,152	6,152	6,152	6,152	6,152	6,152	6,152	73,821	-	(73,821)	0
9301	Gen Advertising Exp	4,741	9,154	10,819	7,971	55,508	9,399	152,639	15,744	17,572	25,846	36,521	20,932	366,906	-	(243,641)	123,265
9302	Misc General Expense	10,154,189	10,822,321	11,390,264	11,400,941	11,420,803	12,153,460	11,494,698	11,711,156	14,466,088	12,105,071	8,460,266	19,511,306	145,090,563	-	1,120,669	146,211,232
9310	Rents	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	765,183	-	241,739	1,126,939
9330	Maint. of General Plant	202,877	160,128	225,926	190,761	211,912	204,053	251,635	223,019	176,796	317,971	190,953	250,783	2,506,814	-	12,995	2,619,809
<b>TOTAL A&amp;G EXPENSE BY MONTH</b>		<b>18,366,565</b>	<b>19,063,028</b>	<b>21,063,219</b>	<b>20,209,122</b>	<b>19,927,624</b>	<b>19,189,678</b>	<b>20,419,977</b>	<b>20,419,269</b>	<b>25,010,475</b>	<b>20,741,414</b>	<b>17,180,526</b>	<b>34,926,123</b>	<b>256,598,021</b>	<b>-</b>	<b>(12,941,766)</b>	<b>243,656,255</b>

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

FERC 5960  
Source: SAP Detail

Account	Description	2019 Actuals												Adjusted Test Year	
		1/2018	2/2018	3/2018	4/2018	5/2018	6/2018	7/2018	8/2018	9/2018	10/2018	11/2018	12/2018		
518011	Pension - Service Cost	1,794,441.26	364,450.31	1,039,407.31	1,033,725.33	1,056,676.33	1,161,942.71	1,048,328.58	1,012,246.33	960,280.74	1,117,614.43	1,308,824.51	1,442,931.57	1,429,316.63	6,541,933.05
518011	Pension - Non-Service Cost	968,840.05	2,486,875.16	1,715,780.05	1,712,716.56	1,725,103.31	1,781,594.69	1,720,596.48	1,701,224.32	1,673,061.07	1,758,004.28	1,407,663.91	1,719,592.05	1,722,065.77	11,428,835.96
518016	Pension Non-Qualified-Non-Service Cost	1,063.89	373.36	441.01	437.40	453.00	518.99	446.69	423.86	390.66	490.78	810.65	73,680.17	65,323.37	6,947.06
518020	SA/Burdens Exp-Medical	3,571,483.21	3,567,734.00	3,577,778.08	3,596,143.37	3,580,533.57	3,430,459.14	3,430,459.14	3,430,459.14	3,430,459.14	3,430,459.14	3,430,459.14	3,430,459.14	3,430,459.14	296,870.93
518022	Post Retirement - Service Cost	628,168.86	1,097,234.88	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	17,722,183.53
518070	Post Retirement-NonService Cost	1,758,571.19	1,097,234.88	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	1,676,749.22
518070	Post Retirement-Savings	1,758,571.19	1,097,234.88	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	690,131.40	1,676,749.22
518164	Sold Debt Life Insurance Term Disability	21,483,424	304,792.59	207,882.21	209,210.26	216,776.21	247,298.59	311,665.94	241,986.59	273,611.63	232,135.12	188,338.43	254,847.51	238,900.81	9,444,901.27
518164	Performance Shares and Units														815,121.42
518165	Other Equity Awards														(85,745.96)
518166	Deferred Comp Plan - Service Cost	26,250.00													26,250.00
518166	Deferred Comp Plan - Non-Service Cost	4,833.34	(132.65)												4,700.69
518166	Deferred Split\$ Life	29,167.00													29,167.00
521989	SA/Burdens Exp-Non-exempt PFB	(56,996.88)	(57,597.00)	(57,780.48)	(59,514.60)	(57,372.13)	(58,548.70)	(59,837.30)	(58,252.20)	(58,299.80)	(59,651.13)	(59,063.13)	(59,342.26)	(60,546.26)	-
521990	SA/Burdens Exp-Non-exempt OT PFB	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	(2,615.14)	-
521992	SA/Burdens Exp-Union DT PFB	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	(50,304.08)	-
521994	SA/Burdens Exp-Union DT PFB	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	(32,551.61)	-
521999	SA/Burdens Exp-Payroll Burden	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	(383,221.52)	-
642074	Capitalized Labor Allocation	(1,502,506.24)	(1,484,611.86)	(1,454,689.08)	(1,534,414.20)	(1,526,790.69)	(1,532,857.79)	(1,552,163.81)	(1,553,049.27)	(1,529,329.30)	(1,546,000.48)	(1,531,199.00)	(1,545,993.20)	(1,545,993.20)	-
642080	Un Labor 1/2-Intnl	(1,018,417.42)	(1,002,345.40)	(1,177,620.26)	(1,156,965.50)	(1,206,392.81)	(1,144,697.08)	(1,202,412.62)	(1,215,589.30)	(1,091,502.10)	(1,242,952.10)	(1,124,887.81)	(1,343,116.57)	(1,343,116.57)	-
643002	Un Labor 1/2-Intnl	(211,132.81)	(222,591.70)	(236,662.56)	(237,255.71)	(239,311.00)	(231,586.05)	(284,016.89)	(284,158.46)	(280,383.86)	(259,010.82)	(255,791.29)	(284,208.70)	(284,208.70)	-
643102	Un Labor 1/2-Non-Exempt	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	(43,345.10)	-
643112	Un Labor 1/2-Non-Exempt	451.40	(1,058.56)	(4,872.87)	(3,693.36)	(4,038.64)	(3,321.63)	(4,193.53)	(3,645.78)	(3,645.78)	(3,645.78)	(3,645.78)	(3,645.78)	(3,645.78)	-
643201	Un Labor 1/2-Non-Exempt	12.51	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	(1,527.44)	-
643202	Un Labor 1/2-Non-Exempt	(41,203.31)	(80,862.36)	(60,248.18)	(37,558.53)	(46,938.28)	(62,247.51)	(37,981.81)	(60,807.66)	(160,332.11)	(107,215.24)	(120,230.79)	(80,540.66)	(80,540.66)	-
643202	Un Labor 1/2-Exempt	4,777,229.50	4,794,066.92	5,488,444.58	4,899,698.19	4,803,832.47	3,438,242.21	4,951,357.73	4,928,778.69	4,121,282.59	4,518,142.84	4,985,733.27	5,618,596.13	5,618,596.13	19,931,300.30
	Account Sorted by Natural Account														(8,835.78)
															47,162.82

\*Low Prior Period Adjustments (2011-2017)

Co. 3  
CEBE

Component of	Percentage of	Percentage of FERC
14,989,000	11.74%	14.31%
15,000	0.00%	0.01%
43,696,000	14.53%	41.72%
3,630,416	2.83%	3.46%
17,994,119	5.98%	17.19%
1,760,000	0.35%	1.68%
24,620,000	19.25%	20.62%
611,000	0.31%	0.58%
(2,607,000)	-0.89%	-2.55%
22,372,300	7.44%	17.52%
614,000	0.20%	0.48%
127,715,835	42.47%	100.00%
250,871,957		
44,687,175		
300,737,171		
42.47%		

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

Known & Measurable Adjustments to FERC 9260

CEHE Direct

9260 Adjustment

Account Number	Account Name	2019 Actuarial Amount as of 12/31/2018	Capital Percentage	Capitalized Amount	Pension Expense	Salary & Wage	Energy Efficiency	Adjusted Test Year Total	CEHE Direct Pension Costs Docket No. 38339 Approved	Total Company test year adjustment
518011	Pension - Service Cost	14,989,000	53.69%	8,047,037	6,941,963			6,941,963	7,690,958	(748,995)
718011	Pension - Non-Service Cost	24,677,000	53.69%	13,248,164	11,428,836			11,428,836	12,564,396	(1,135,560)
518016	Pension NonQualified - Service Cost	15,000	53.69%	8,053	6,947			6,947	4,627	2,320
718016	Pension NonQualified-NonService Cost	641,000	53.69%	344,129	296,871			296,871	539,748	(242,877)
518032	PostRetirement - Service Cost	3,620,416	53.69%	1,943,667	1,676,749			1,676,749	300,509	1,376,240
718032	Post Retirement-NonService Cost	(2,667,000)	53.69%	(1,431,813)	(1,235,187)			(1,235,187)	8,512,074	(9,747,261)
518090	Postemployment	1,760,000	53.69%	944,879	815,121			815,121	1,643,493	(828,371)
		43,035,416		23,104,115	19,931,301	-	-	19,931,301	31,255,804	(11,324,503)
								19,931.30	31,255.80	(11,324.50)

CNP Service Company

45.71%

9302 adjustment

Account Number	Account Name	2019 Actuarial Amount as of 12/31/2018	Percentage to CEHE (2018 Actual)	Amount to CEHE	Affiliate Pension Expense	NA	NA	Adjusted Test Year Total	CNP Service Company Docket No. 38339 Approved	Total Company test year adjustment
518011	Pension - Service Cost	6,520,000	45.71%	2,980,508	2,980,508			2,980,508	1,918,904	1,061,604
718011	Pension - Non-Service Cost	6,868,000	45.71%	3,139,590	3,139,590			3,139,590	2,145,710	993,881
518016	Pension NonQualified - Service Cost	258,000	45.71%	117,940	117,940			117,940	125,240	(7,300)
718016	Pension NonQualified-NonService Cost	3,017,000	45.71%	1,379,171	1,379,171			1,379,171	2,807,786	(1,428,615)
518032	PostRetirement - Service Cost	573,000	45.71%	261,937	261,937			261,937	68,074	193,864
718032	Post Retirement-NonService Cost	2,243,000	45.71%	1,025,350	1,025,350			1,025,350	1,500,446	(475,097)
518090	Postemployment	510,000	45.71%	233,138	233,138			233,138	(15,461)	248,599
		19,989,000		9,137,634	9,137,634	-	-	9,137,634	8,550,699	586,935
								9,137.63	8,550.70	586.94
	Total Company	63,024,416		32,241,749	29,068,935	-	-	29,068,935	39,806,503	(10,737,568)



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

Direct Expense (including CapEx, O&M)  
FERC 9260  
Source: SAP Detail

Total Company	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018	7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total
Pension - Service Cost	1,794,541.26	364,490.31	1,039,407.31	1,033,372.35	1,026,070.53	1,011,011.71	1,005,358.45	1,010,234.33	1,070,061.91	1,175,044.38	1,308,518.14	1,461,072.54	20,580,483.80
Pension - Non-Service Cost	968,840.03	2,486,473.16	1,715,740.06	1,712,124.36	1,725,146.48	1,791,024.69	1,720,586.48	1,701,234.33	1,670,061.91	1,759,004.38	1,807,661.91	(1,461,072.54)	17,190,762.03
Pension Non-Qualified - Service Cost	1,063.89	79,652.06	71,212.44	437.40	452.04	518.99	452.04	437.40	390.66	80,813.37	75,680.17	168,322.91	173,172.20
Pension Non-Qualified - Non-Service Cost	3,571,443.31	3,567,724.00	3,577,778.08	3,568,143.37	3,540,553.57	3,430,631.14	3,430,631.14	3,430,631.14	3,430,631.14	3,470,525.31	3,455,341.10	3,455,341.10	31,199,990.06
Post Retirement - Service Cost	3,288,238.88	2,288,238.88	1,648,831.89	1,649,024.76	1,648,773.34	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	1,648,831.89	16,488,318.90
Post Retirement - Non-Service Cost	175,857.19	1,097,338.70	639,131.40	639,175.55	639,175.55	639,175.55	639,175.55	639,175.55	639,175.55	639,175.55	639,175.55	639,175.55	3,278,771.42
Su/Burden Exp-Long-Term Disability	957,075.18	1,325,134.30	2,550,513.00	1,236,926.50	1,238,120.82	1,239,359.52	1,239,359.52	1,239,359.52	1,239,359.52	1,239,359.52	1,239,359.52	1,239,359.52	7,545,450.15
Su/Burden Exp-Long-Term Disability	221,824.34	204,792.39	207,882.21	269,210.36	236,776.21	247,790.59	311,665.04	241,996.59	272,611.63	232,135.12	168,358.43	329,624.60	2,944,657.51
Split-Doll Life Ins													(35,745.96)
Performance Shares and Units													26,250.00
Other Equity Awards	26,250.00												4,700.69
Deferred Comp Plan - Service Cost	4,833.34	(132.65)											29,167.00
Deferred Comp Plan - Non-Service Cost	(57,507.00)		(57,790.48)	(59,514.60)	(57,372.13)	(58,548.74)	(59,837.20)	(58,255.22)	(58,292.40)	(59,033.12)	(59,628.47)	(61,055.82)	(703,342.26)
PostRet Split\$ Life	(2,778.99)		(3,124.09)	(4,477.04)	(1,408.71)	(2,693.35)	(2,411.71)	(3,806.83)	(5,110.75)	(747.68)	(1,199.69)	(1,731.90)	(31,998.88)
Su/Burden Exp-Non-empt PRB	(25,662.94)		(28,274.13)	(31,358.14)	(38,615.27)	(32,732.64)	(34,198.57)	(50,050.93)	(36,493.57)	(36,123.76)	(28,747.57)	(54,176.90)	(422,600.30)
Su/Burden Exp-Union OT PRB	(87,115.77)		(48,135.69)	(48,126.59)	(7,231.30)	(3,951.20)	(10,278.67)	(13,316.38)	(10,491.09)	(76,508.71)	6,744.17	(5,496.87)	(247,581.88)
Su/Burden Exp-Union DT PRB	(268,199.06)		(302,934.31)	(246,475.86)	(314,572.77)	(295,331.10)	(309,384.28)	(326,402.81)	(283,311.21)	(273,130.35)	(311,261.99)	(299,406.15)	(3,628,441.57)
Su/Burden Exp-Union	(283,521.52)		(324,700.33)	(246,699.77)	(283,386.71)	(277,331.22)	(293,084.99)	(323,084.99)	(270,541.63)	(273,130.35)	(326,298.97)	(278,603.37)	(3,348,140.20)
Continuation Overhead	(1,502,906.24)		(1,664,640.08)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(1,534,144.20)	(15,341,442.00)
Capitated Labor Allocation	249,305.16		(1,177,432.26)	(1,156,963.31)	(1,396,393.81)	(1,202,412.63)	(1,215,983.30)	(498,988.84)	(1,091,302.10)	(1,249,492.16)	(1,112,487.81)	(881,952.48)	(13,643,116.57)
Un-Labor-ShareAlloc	(1,018,473.41)		(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(1,252,345.66)	(12,523,456.66)
Un-Labor-Share-Net Ad	(423,541.10)		(222,991.70)	(275,235.71)	(269,313.70)	(258,016.80)	(254,156.44)	(254,156.44)	(250,985.82)	(239,010.82)	(255,791.29)	(267,774.87)	(3,084,268.70)
Labor-Share-Net Ad	(805,498.56)		(337,008.77)	(329,014.05)	(624,888.35)	(359,780.03)	(513,268.18)	(503,097.70)	(565,062.82)	(469,341.14)	(294,733.41)	(413,256.28)	(5,404,499.77)
Labor - 1/2-Non-empt	451.48		(4,872.87)	(3,693.86)	(3,038.64)	(1,645.64)	(419.53)	(1,910.59)	(157.01)	(6,638.57)	(3,542.59)	(2,881.60)	(25,405.78)
Labor - Drive Time - Non-empt	12.51		(1,527.44)	(843.25)	(437.76)	(544.63)	19.06	(672.48)	(60.69)	(1,359.11)	(925.26)	(639.01)	(7,093.41)
Labor-Straight Time-Nonempt	(41,303.31)		(60,248.16)	(37,558.53)	(46,938.28)	(62,247.51)	(37,981.81)	(60,807.66)	(160,332.11)	(107,215.24)	(120,230.79)	(64,614.90)	(860,540.66)
Labor 1/2-Exempt	(33,916.21)		(31,100.48)	(32,603.55)	(37,558.53)	(62,247.51)	(37,981.81)	(60,807.66)	(160,332.11)	(107,215.24)	(120,230.79)	(64,614.90)	(860,540.66)
Account Sorted by Neutral Account	4,777,229.30	4,796,196.52	5,488,444.58	4,899,698.19	4,803,826.67	3,438,244.21	4,591,357.73	4,930,778.69	4,121,382.57	4,510,142.84	4,985,733.27	10,462,713.86	62,095,563.05

GL Account	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018	7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total
Pension - Service Cost	420,887.83	(1,176,199.68)	(422,360.04)	(428,035.00)	(405,091.00)	(303,191.20)	(413,999.89)	(449,882.11)	(509,807.76)	(345,573.25)	(96,067.91)	7,821,490.59	3,692,270.60
Pension Non-Qualified - Service Cost	8,741.39	(11,400.68)	(2,918.94)	(2,922.55)	(2,907.95)	(6,847.82)	(3,581.07)	(3,603.90)	(3,957.49)	(3,572.58)	(146.06)	333,609.27	300,491.62
PostRetirement - Service Cost	358,176.79	(592,183.11)	(124,112.14)	(126,500.26)	(120,610.69)	(99,887.75)	(121,579.16)	(129,370.55)	(140,218.71)	(109,136.22)	(121,138.61)	1,553,404.20	226,935.77
Su/Burden Exp-Long-Term Disability	56,339.29	73,368.25	66,811.62	102,939.26	45,709.99	4,197.08	(31,003.31)	18,609.76	(105,259.47)	457,467.79	81,976.15	1,271,541.37	1,538,358.78
Pension - Non-Service Cost	197,447.32	1,872,247.71	1,022,269.97	1,020,208.17	1,032,593.22	2,008,744.67	1,813,308.40	1,813,308.40	1,813,308.40	1,813,308.40	1,813,308.40	1,813,308.40	17,190,762.03
Pension Non-Qualified - Non-Service Cost	102,184.22	121,818.61	110,973.24	111,712.41	111,746.94	107,146.58	107,146.58	107,146.58	107,146.58	107,146.58	107,146.58	107,146.58	1,071,465.58
Post Retirement - Non-Service Cost	1,316,622.18	1,750,429.10	1,487,460.03	1,423,137.48	1,497,109.85	2,551,869.40	1,560,693.94	1,549,722.80	1,493,865.70	1,437,241.55	1,365,707.63	9,516,614.35	23,996,068.03
Grand Total	1,501,971.82	1,261,082.88	1,487,460.03	1,423,137.48	1,497,109.85	2,551,869.40	1,560,693.94	1,549,722.80	1,493,865.70	1,437,241.55	1,365,707.63	9,516,614.35	23,996,068.03



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

101452					
Cla. 3					
Description	Acct	CBIE	Component of	Percentage of Burden	Percentage of PERC 9260
Pension - Service	518011	14,989,000	4.98%	11.74%	14.31%
Benefit Restorat	518016	15,000	0.00%	0.01%	0.01%
Health & Welfare	518020	43,696,000	14.53%	34.21%	41.72%
Postretirement - S	518032	3,620,416	1.20%	2.83%	3.46%
Savings	518070	17,998,119	5.98%	14.09%	17.19%
Postemployment	518090	1,760,000	0.59%	1.38%	1.68%
Pension - Non-Se	718011	24,677,000	8.21%	19.32%	23.56%
Benefit Restorat	718016	641,000	0.21%	0.50%	0.61%
Postretirement - N	718032	(2,667,000)	-0.89%	-2.09%	-2.55%
FICA taxes	722160	22,372,300	7.44%	17.52%	
Unemployment ta	722170	614,000	0.20%	0.48%	
<b>Benefit costs in burden rate</b>		<b>127,715,835</b>	<b>42.47%</b>	<b>100.00%</b>	<b>100.00%</b>
Base salary		250,871,757			
STI		5,178,241			
Overtime		44,687,173			
<b>Salaries in burden rate</b>		<b>300,737,171</b>			
<b>Burden rate</b>		<b>42.47%</b>			

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

**Service Company  
 Estimated Pension Billings  
 Plan at 1/28/2019  
 (Cap/Ex Rate Included)**

	Service Portion-CC125308		Non- Service Portion-CC125311		Grand Total
	2019		2019		
518011 Pension - Service Cost	\$	6,520,000		-	\$ 6,520,000
518016 Pension NonQualified - Service Cost	\$	258,000		-	\$ 258,000
518032 Post Retirement-Service Cost	\$	573,000		-	\$ 573,000
518090 Long Term Disability	\$	509,000		-	\$ 509,000
718011 Pension-Non Service Cost	\$	0	\$	6,868,000	\$ 6,868,000
718016 Pension Non-Qualified Non Service Cost	\$	0	\$	3,017,000	\$ 3,017,000
718032 Post Retirement-Non Service Cost	\$	0	\$	2,243,000	\$ 2,243,000
<b>Total</b>		<b>\$ 7,860,000</b>		<b>\$ 12,128,000</b>	<b>\$ 19,988,000</b>

	CEHE %	45.71%	45.71%	
518011 Pension - Service Cost	\$	2,980,508	\$	2,980,508
518016 Pension NonQualified - Service Cost	\$	117,940	\$	117,940
518032 Post Retirement-Service Cost	\$	261,937	\$	261,937
518090 Long Term Disability	\$	232,681	\$	232,681
718011 Pension-Non Service Cost	\$	-	\$	3,139,590
718016 Pension Non-Qualified Non Service Cost	\$	-	\$	1,379,171
718032 Post Retirement-Non Service Cost	\$	-	\$	1,025,350
<b>CEHE Total</b>	<b>\$</b>	<b>3,593,066</b>	<b>\$</b>	<b>5,544,111</b>