Interest Rate Hedge - Settled
Source: Interest Rate Hedge Agreement

Date	Bank	Amount	Locked Yield	Expected Issuance	Settlement Date	Spot Yield	Deferred Gain/Loss GL298050	Recognized Gain/Loss GL487010 (Gain) Loss	Total Gain/Loss	Unamortized Balance 12/31/2018
CEHE GMB Y Issuance										
4/8/2016	Credit Suisseee	50,000,000	1 2406	6/22/2016	5/13/2016	1.20560	(14,457.00)	(44,575 75)	(59,032 75)	
4/7/2016	Citibank	50,000,000	1 2295	6/22/2016	5/13/2016	1 20560	3,614.00	1,401 00	5,015 00	
4/11/2016	Wells Fargo	50,000,000	1.236	6/22/2016	5/13/2016	1 20560	7,470.00	-	7,470.00	
							(3,373.00)	(43,174 75)	(46,547.75)	-
CEHE GMB Z Issuance										
6/13/2016	BANA	50,000,000	1.6615	8/29/2016	8/8/2016	1.58332	332,147.60	50,270.00	382,417 60	
6/20/2016	RBC	50,000,000	1.7285	8/29/2016	8/8/2016	1.58332	535,931.00	40,635.00	576,566.00	
6/27/2016	DB	50,000,000	1.509	8/29/2016	8/8/2016	1 58332	(417,077.00)		(417,077 00)	
7/1/2016	US Bank (Trade 1)	50,000,000	1 4809	8/29/2016	8/8/2016	1 58332	(474,892.00)		(474,892.00)	
7/1/2016	US Bank (Trade 2)	50,000,000	1.48992	8/29/2016	8/8/2016	1.58332	(434,451.00)	-	(434,451.00)	
7/6/2016	BAML	50,000,000	1.4255	8/29/2016	8/8/2016	1.58332	(696,102.40)	-	(696,102 40)	
		300,000,000 00					(1,154,443.80)	90,905 00	(1,063,538.80)	(880,197 14)
CEHE GMB AA Issuance										
1/6/2017	US Bank	75,000,000	2 46197	3/31/2017	1/9/2017	2.37600	256,756 00	12,142 00	268,898.00	
1/6/2017	Mizuho	75,000,000	2 4735	3/31/2017	1/9/2017	1 58332	247,509.00	47,573.00	295,082.00	
		150,000,000 00					504,265 00	59,715.00	563,980.00	405,480 69
CEHE GMB AB Issuance										
1/2/2018	Wells Fargo Bank	50,000,000	2.8345	3/28/2018	2/26/2018	3 15530	(2,984,663.00)	-	(2,984,663 00)	
1/23/2018	RBC Capital Markets	50,000,000	2 9195	3/28/2018	2/26/2018	3 15530	(2,194,190 00)	-	(2,194,190.00)	
2/12/2018	TD Securities	50,000,000	3.154	3/28/2018	2/26/2018	3 15530	(57,630 00)	(11,380.00)	(69,010.00)	
2/9/2018	Mizuho Capital Markets	50,000,000	3 1664	3/28/2018	2/26/2018	3.15530	29,082 00	8,179.00	37,261.00	
		200,000,000 00					(5,207,401.00)	(3,201 00)	(5,210,602.00)	(5,062,283.50)
										(3,201 00)
									Note 1	(5,540,200 95)

Note 1 Only include unamortized balance of AOCI, not include Deferred Tax Balance and Unrealized (MTM) Balance

GL298050 AOCI
As of 12/31/2018

			Interest Rate Hedges Unamortized	MTM
GL298050 Breakdown.	MTM at 12/31/2018	23,467,251.48		23,467,251.48
	Tax - MTM	(4,928,123 66)		(4,928,123.66)
	Unamort Interest Rate Hed	(5,536,999.95)	(5,536,999 95)	
	Tax - Interest Rate Hedge	1,162,771 96	1,162,771 96	
	SAP GL298050 as of 12/31/2018	14,164,899.83	(4,374,227.99)	18,539,127.82
		Reclass to.	Reg Liability	Reg Asset

	Discount	Heges Gain/Loss	Total Disc & Hedge Gain/Loss
GMB Y	(375,000.00)	46,547.75	(328,452.25)
GMB Z	(348,000.00)	1,063,538 80	715,538.80
GMB AA	(1,962,000.00)	(563,980.00)	(2,525,980.00)
GMB AB	(1,744,000.00)	5,210,602 00	3,466,602.00
			To WP II-C-2.4.1 (F)

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	
Beg Balance		1,950,000 00		1,950,000 00		348,000.00		(1,154,443 80)	
8/11/2016	121	323,178 75	(12,524 40)	2,260,654.35	(1,917 36)	346,082 64	6,360 57	(1,148,083.23)	
9/30/2016	120	139,515 04	(20,001.41)	2,380,167.98	(2,884.02)	343,198 62	9,567.36	(1,138,515.87)	
10/30/2016	119	46,081 96	(20,388.65)	2,405,861.28	(2,884 02)	340,314 60	9,567 36	(1,128,948 51)	
11/30/2016	118		(20,388.65)	2,385,472 63	(2,884 02)	337,430 58	9,567 36	(1,119,381.15)	
12/30/2016	117	157,232 00	(21,732.52)	2,520,972.11	(2,884 02)	334,546 56	9,567 36	(1,109,813.79)	
1/30/2017	116		(21,732 52)	2,499,239.59	(2,884 02)	331,662.53	9,567.36	(1,100,246.43)	
2/28/2017	115		(21,732 52)	2,477,507 07	(2,884 02)	328,778 51	9,567 36	(1,090,679 07)	
3/30/2017	114		(21,732 52)	2,455,774.55	(2,884 02)	325,894 49	9,567 36	(1,081,111.71)	
4/30/2017	113		(21,732.52)	2,434,042 04	(2,884 02)	323,010 47	9,567.36	(1,071,544 35)	
5/30/2017	112		(21,732 52)	2,412,309.52	(2,884,02)	320,126 45	9,567 36	(1,061,976.99)	
6/30/2017	111		(21,732.52)	2,390,577.00	(2,884 02)	317,242 42	9,567 36	(1,052,409.63)	
7/30/2017	110		(21,732.52)	2,368,844 48	(2,884 02)	314,358.40	9,567 36	(1,042,842 27)	
8/30/2017	109		(21,732 52)	2,347,111.96	(2,884 02)	311,474.38	9,567 36	(1,033,274.91)	
9/30/2017	108		(21,732 52)	2,325,379 45	(2,884 02)	308,590.36	9,567 36	(1,023,707 55)	
10/30/2017	107		(21,732 52)	2,303,646 93	(2,884 02)	305,706 34	9,567.36	(1,014,140 18)	
11/30/2017	106		(21,732.52)	2,281,914 41	(2,884 02)	302,822 31	9,567 36	(1,004,572.82)	
12/31/2017	105		(21,732.52)	2,260,181.89	(2,884 02)	299,938.29	9,567 36	(995,005 46)	
1/30/2018	104		(21,732 52)	2,238,449 37	(2,884,02)	297,054 27	9,567.36	(985,438 10)	
2/28/2018	103		(21,732 52)	2,216,716.85	(2,884 02)	294,170 25	9,567 36	(975,870 74)	
3/30/2018	102		(21,732.52)	2,194,984.34	(2,884.02)	291,286 23	9,567 36	(966,303 38)	
4/30/2018	101		(21,732.52)	2,173,251 82	(2,884,02)	288,402 20	9,567.36	(956,736 02)	
5/30/2018	100		(21,732 52)	2,151,519 30	(2,884 02)	285,518.18	9,567.36	(947,168 66)	
6/30/2018	99		(21,732 52)	2,129,786.78	(2,884 02)	282,634.16	9,567 36	(937,601 30)	
7/30/2018	98		(21,732.52)	2,108,054.26	(2,884,02)	279,750 14	9,567.36	(928,033.94)	
8/30/2018	97		(21,732 52)	2,086,321 75	(2,884,02)	276,866 12	9,567 36	(918,466 58)	
9/30/2018	96		(21,732 52)	2,064,589 23	(2,884 02)	273,982 09	9,567 36	(908,899 22)	
10/30/2018	95		(21,732.52)	2,042,856.71	(2,884 02)	271,098 07	9,567 36	(899,331 86)	
11/30/2018	94		(21,732.52)	2,021,124 19	(2,884 02)	268,214 05	9,567.36	(889,764 50)	
12/31/2018	93		(21,732 52)	1,999,391.67	(2,884.02)	265,330.03	9,567.36	**(880,197.14)**	Unamortized Interest Rate Hedge Balance
1/30/2019	92		(21,732.52)	1,977,659 15	(2,884 02)	262,446 01	9,567.36	(870,629 78)	
2/28/2019	91		(21,732 52)	1,955,926 64	(2,884 02)	259,561.98	9,567 36	(861,062 42)	
3/30/2019	90		(21,732 52)	1,934,194 12	(2,884 02)	256,677.96	9,567 36	(851,495 06)	
4/30/2019	89		(21,732 52)	1,912,461 60	(2,884,02)	253,793 94	9,567 36	(841,927 70)	
5/30/2019	88		(21,732 52)	1,890,729 08	(2,884,02)	250,909 92	9,567 36	(832,360 34)	
6/30/2019	87		(21,732 52)	1,868,996 56	(2,884 02)	248,025 90	9,567 36	(822,792 98)	
7/30/2019	86		(21,732 52)	1,847,264.05	(2,884,02)	245,141 87	9,567 36	(813,225 62)	
8/30/2019	85		(21,732 52)	1,825,531.53	(2,884 02)	242,257 85	9,567 36	(803,658 26)	
9/30/2019	84		(21,732 52)	1,803,799 01	(2,884 02)	239,373 83	9,567.36	(794,090 90)	
10/30/2019	83		(21,732 52)	1,782,066 49	(2,884 02)	236,489.81	9,567 36	(784,523.54)	
11/30/2019	82		(21,732 52)	1,760,333 97	(2,884,02)	233,605.79	9,567 36	(774,956 18)	
12/31/2019	81		(21,732 52)	1,738,601 45	(2,884,02)	230,721.76	9,567 36	(765,388.82)	
1/30/2020	80		(21,732 52)	1,716,868.94	(2,884,02)	227,837 74	9,567.36	(755,821 46)	
2/29/2020	79		(21,732 52)	1,695,136 42	(2,884 02)	224,953 72	9,567 36	(746,254 10)	
3/30/2020	78		(21,732.52)	1,673,403 90	(2,884 02)	222,069 70	9,567 36	(736,686 74)	
4/30/2020	77		(21,732 52)	1,651,671.38	(2,884 02)	219,185 67	9,567 36	(727,119 38)	
5/30/2020	76		(21,732 52)	1,629,938 86	(2,884 02)	216,301 65	9,567 36	(717,552.02)	

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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
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)
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)

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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		Interest Rate Hedge	
Date	Mo's Remaining	Addition	Amortization	Balance	Amortization	Balance	Amortization	Balance
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							
		2,616,007.75	(2,616,007 75)				1,154,443.80	

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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	
Beg Balance		1,950,000.00		1,950,000.00		1,962,000.00		504,265.00	
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	Unamortized Interest Rate Hedge Balance
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	
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	

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
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
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

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
6/30/2026	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							
		2,617,660 83	(2,617,660 83)				(504,265 00)	

1206

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	
Beg 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)	
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)	

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
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)
9/30/2025	270		(12,251.12)	3,295,551.69	(4,844.00)	1,303,035.23	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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(3,644,844.12)

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
3/31/2027	252		(12,251.12)	3,075,031.51	(4,844.00)	1,215,843.28	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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(3,239,861 44)
7/31/2029	224		(12,251.12)	2,732,000.10	(4,844 00)	1,080,211 36	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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(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	(2,993,979 10)
12/31/2030	207		(12,251.12)	2,523,731 04	(4,844.00)	997,863 41	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	(2,965,051.76)
2/28/2031	205		(12,251 12)	2,499,228.79	(4,844.00)	988,175 41	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	(2,936,124.43)
4/30/2031	203		(12,251 12)	2,474,726 55	(4,844.00)	978,487 42	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	(2,907,197.09)
6/30/2031	201		(12,251 12)	2,450,224.31	(4,844 00)	968,799 43	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	(2,878,269 76)
8/31/2031	199		(12,251.12)	2,425,722 06	(4,844 00)	959,111.43	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	(2,849,342 43)

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
10/31/2031	197		(12,251.12)	2,401,219.82	(4,844.00)	949,423.44	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	(2,820,415.09)
12/31/2031	195		(12,251.12)	2,376,717.58	(4,844.00)	939,735.44	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	(2,791,487.76)
2/29/2032	193		(12,251.12)	2,352,215.33	(4,844.00)	930,047.45	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	(2,762,560.42)
4/30/2032	191		(12,251.12)	2,327,713.09	(4,844.00)	920,359.45	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	(2,733,633.09)
6/30/2032	189		(12,251.12)	2,303,210.85	(4,844.00)	910,671.46	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	(2,704,705.75)
8/31/2032	187		(12,251.12)	2,278,708.61	(4,844.00)	900,983.47	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	(2,675,778.42)
10/31/2032	185		(12,251.12)	2,254,206.36	(4,844.00)	891,295.47	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	(2,646,851.09)
12/31/2032	183		(12,251.12)	2,229,704.12	(4,844.00)	881,607.48	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	(2,617,923.75)
2/28/2033	181		(12,251.12)	2,205,201.88	(4,844.00)	871,919.48	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	(2,588,996.42)
4/30/2033	179		(12,251.12)	2,180,699.63	(4,844.00)	862,231.49	14,463.67	(2,574,532.75)
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)

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
5/31/2036	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)	678,159.60	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)
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)

$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
12/31/2040	87		(12,251 12)	1,053,596.45	(4,844.00)	416,583.75	14,463.67	(1,243,875.37)
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)
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)

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
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

				End of Monitoring Period. For the 12 Months Ended December 31, 2018			
Description	Balance at end of 2015	Balance at end of 2016	Balance at end of 2017	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%
Total Notes Payable	**311,598,000**	**-**	**59,790,000**	**1,172,000**	**100.00%**		**2.29%**

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

CoCd	G/L acct	Short Text	Crcy	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

CoCd	G/L acct	Short Text	Crcy	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

CoCd	G/L acct	Short Text	Crcy	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

CoCd	G/L acct	Short Text	Crcy	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%
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%

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
1/1/2018	59,790	2.2864%
1/2/2018	52,281	2.2866%
1/3/2018	83,218	2.2912%
1/4/2018	91,374	2.2955%
1/5/2018	78,465	2.3019%
1/6/2018	78,465	2.3019%
1/7/2018	78,465	2.3019%
1/8/2018	69,328	2.3046%
1/9/2018	59,718	2.2974%
1/10/2018	55,516	2.2974%
1/11/2018	54,427	2.3073%
1/12/2018	57,455	2.3005%
1/13/2018	57,455	2.3005%
1/14/2018	57,455	2.3005%
1/15/2018	57,455	2.3005%
1/16/2018	99,081	2.2910%
1/17/2018	95,120	2.2921%
1/18/2018	131,093	2.2951%
1/19/2018	140,976	2.2985%
1/20/2018	140,976	2.2985%
1/21/2018	140,976	2.2985%
1/22/2018	138,023	2.2632%
1/23/2018	141,062	2.2806%
1/24/2018	140,243	2.3046%
1/25/2018	144,009	2.2642%
1/26/2018	152,007	2.2699%
1/27/2018	152,007	2.2699%
1/28/2018	152,007	2.2699%
1/29/2018	164,659	2.2627%
1/30/2018	158,979	2.2667%
1/31/2018	155,893	2.2684%
2/1/2018	183,482	2.2097%
2/2/2018	180,432	2.2113%
2/3/2018	180,432	2.2113%
2/4/2018	180,432	2.2113%
2/5/2018	219,932	2.2121%
2/6/2018	215,171	2.2191%
2/7/2018	209,358	2.3063%
2/8/2018	207,536	2.2289%
2/9/2018	199,536	2.2310%
2/10/2018	199,536	2.2310%
2/11/2018	199,536	2.2310%
2/12/2018	195,049	2.2310%
2/13/2018	188,203	2.2310%
2/14/2018	185,251	2.2310%
2/15/2018	185,251	2.2310%
2/16/2018	177,910	2.2313%
2/17/2018	177,910	2.2313%
2/18/2018	177,910	2.2313%
2/19/2018	177,910	2.2313%
2/20/2018	172,832	2.2313%
2/21/2018	159,055	2.2351%
2/22/2018	160,840	2.2417%

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Source. CNP Treasury XLT System

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
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		
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4/15/2018		
4/16/2018		

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
2/23/2018	201,840	2.2491%
2/24/2018	201,840	2.2491%
2/25/2018	201,840	2.2491%
2/26/2018	195,114	2.2419%
2/27/2018	188,746	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	-	
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	-	
4/16/2018	-	

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
4/17/2018		
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		
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		

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
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	-	
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	-	

Source. CNP Treasury XLT System

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
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		
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%
7/30/2018	39,239,000	2.2603%
7/31/2018	34,385,000	2.2537%

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
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	-	
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	2.2594%
7/19/2018	70,002	2.2727%
7/20/2018	70,002	2.2652%
7/21/2018	70,002	2.2652%
7/22/2018	70,002	2.2652%
7/23/2018	62,693	2.2657%
7/24/2018	50,347	2.2667%
7/25/2018	43,434	2.2671%
7/26/2018	46,126	2.2601%
7/27/2018	44,815	2.2601%
7/28/2018	44,815	2.2601%
7/29/2018	44,815	2.2601%
7/30/2018	39,239	2.2603%
7/31/2018	34,385	2.2537%

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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
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%
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%

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
8/1/2018	53,641	2.2515%
8/2/2018	47,716	2.2631%
8/3/2018	61,358	2.2610%
8/4/2018	61,358	2.2610%
8/5/2018	61,358	2.2610%
8/6/2018	66,624	2.2603%
8/7/2018	55,836	2.2614%
8/8/2018	56,048	2.2557%
8/9/2018	55,033	2.2275%
8/10/2018	46,769	2.2279%
8/11/2018	46,769	2.2279%
8/12/2018	46,769	2.2279%
8/13/2018	40,819	2.2280%
8/14/2018	32,452	2.2290%
8/15/2018	43,711	2.2279%
8/16/2018	38,645	2.2282%
8/17/2018	32,919	2.2233%
8/18/2018	32,919	2.2233%
8/19/2018	32,919	2.2233%
8/20/2018	37,422	2.2231%
8/21/2018	25,473	2.2235%
8/22/2018	45,723	1.9030%
8/23/2018	44,332	1.9532%
8/24/2018	37,952	1.9431%
8/25/2018	37,952	1.9431%
8/26/2018	37,952	1.9431%
8/27/2018	35,212	1.9833%
8/28/2018	28,881	2.2104%
8/29/2018	20,109	2.2610%
8/30/2018	18,298	2.2458%
8/31/2018	23,468	2.2415%
9/1/2018	23,468	2.2415%
9/2/2018	23,468	2.2415%
9/3/2018	23,468	2.2415%
9/4/2018	13,915	2.2415%
9/5/2018	35,995	1.9933%
9/6/2018	35,715	1.9732%
9/7/2018	31,230	2.0033%
9/8/2018	31,230	2.0033%
9/9/2018	31,230	2.0033%
9/10/2018	26,474	2.0435%
9/11/2018	25,164	2.0234%
9/12/2018	14,111	2.0535%
9/13/2018	9,867	2.0134%
9/14/2018	13,459	2.1900%
9/15/2018	13,459	2.1900%
9/16/2018	13,459	2.1900%
9/17/2018	20,121	2.1900%
9/18/2018	12,256	2.2001%
9/19/2018	30,253	2.2103%
9/20/2018	31,407	2.2204%
9/21/2018	25,081	2.2204%
9/22/2018	25,081	2.2204%

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**
9/23/2018	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%
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%
11/12/2018	47,658,000	2.2843%
11/13/2018	31,561,000	2.2944%
11/14/2018	21,875,000	2.2040%

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	**Average Daily Balance Outstanding**	**Weighted Average Cost**
9/23/2018	25,081	2.2204%
9/24/2018	23,381	2.2204%
9/25/2018	31,414	2.2204%
9/26/2018	14,775	2.2103%
9/27/2018	13,675	2.4536%
9/28/2018	75,195	2.4536%
9/29/2018	75,195	2.4536%
9/30/2018	75,195	2.4536%
10/1/2018	94,268	2.1338%
10/2/2018	85,335	2.1539%
10/3/2018	76,995	2.1940%
10/4/2018	97,365	2.2141%
10/5/2018	100,104	2.2241%
10/6/2018	100,104	2.2241%
10/7/2018	100,104	2.2241%
10/8/2018	100,104	2.2241%
10/9/2018	95,754	2.2141%
10/10/2018	84,068	2.2241%
10/11/2018	75,741	2.2040%
10/12/2018	85,322	2.2141%
10/13/2018	85,322	2.2141%
10/14/2018	85,322	2.2141%
10/15/2018	83,460	2.2442%
10/16/2018	69,329	2.2241%
10/17/2018	92,807	2.2040%
10/18/2018	91,013	2.2442%
10/19/2018	86,055	2.2241%
10/20/2018	86,055	2.2241%
10/21/2018	86,055	2.2241%
10/22/2018	79,045	2.2743%
10/23/2018	68,924	2.2542%
10/24/2018	62,758	2.2342%
10/25/2018	58,672	2.2843%
10/26/2018	57,326	2.2944%
10/27/2018	57,326	2.2944%
10/28/2018	57,326	2.2944%
10/29/2018	48,687	2.2342%
10/30/2018	39,177	2.2342%
10/31/2018	36,562	2.2141%
11/1/2018	47,035	2.2442%
11/2/2018	43,242	2.3245%
11/3/2018	43,242	2.3245%
11/4/2018	43,242	2.3245%
11/5/2018	68,078	2.2542%
11/6/2018	57,062	2.2743%
11/7/2018	50,969	2.2241%
11/8/2018	42,921	2.2843%
11/9/2018	47,658	2.2843%
11/10/2018	47,658	2.2843%
11/11/2018	47,658	2.2843%
11/12/2018	47,658	2.2843%
11/13/2018	31,561	2.2944%
11/14/2018	21,875	2.2040%

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
11/15/2018	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%
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%

(THOUSANDS OF DOLLARS)

Average Cost	2018	2.2933%
Date	Average Daily Balance Outstanding	Weighted Average Cost
11/15/2018	64,932	2.2944%
11/16/2018	68,034	2.3145%
11/17/2018	68,034	2.3145%
11/18/2018	68,034	2.3145%
11/19/2018	68,909	2.3446%
11/20/2018	59,053	2.3245%
11/21/2018	62,785	2.3145%
11/22/2018	62,785	2.3145%
11/23/2018	62,785	2.3145%
11/24/2018	62,785	2.3145%
11/25/2018	62,785	2.3145%
11/26/2018	48,279	2.2542%
11/27/2018	32,144	2.3044%
11/28/2018	29,943	2.3044%
11/29/2018	36,012	2.3044%
11/30/2018	48,002	2.3446%
12/1/2018	48,002	2.3446%
12/2/2018	48,002	2.3446%
12/3/2018	44,600	2.2743%
12/4/2018	72,653	2.3145%
12/5/2018	65,415	2.3145%
12/6/2018	61,151	2.4249%
12/7/2018	58,052	2.4249%
12/8/2018	58,052	2.4249%
12/9/2018	58,052	2.4249%
12/10/2018	53,183	2.3044%
12/11/2018	134,744	2.3948%
12/12/2018	133,712	2.4148%
12/13/2018	149,016	2.4450%
12/14/2018	154,787	2.4751%
12/15/2018	154,787	2.4751%
12/16/2018	154,787	2.4751%
12/17/2018	167,474	2.4651%
12/18/2018	161,655	2.4751%
12/19/2018	181,689	2.4851%
12/20/2018	179,914	2.5052%
12/21/2018	198,566	2.5052%
12/22/2018	198,566	2.5052%
12/23/2018	198,566	2.5052%
12/24/2018	198,566	2.5052%
12/25/2018	198,566	2.5052%
12/26/2018	178,990	2.5052%
12/27/2018	184,874	2.4952%
12/28/2018	192,166	2.4952%
12/29/2018	192,166	2.4952%
12/30/2018	192,166	2.4952%
12/31/2018	1,172	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

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	Leasehold 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
	Total	11,564,191,193.50	5,372,417,142.86	321,428,571.43	5,870,345,479.21

At December 31, 2018	
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**

Source General Mortgage Bonds Retired as of 12/31/18

Bonds Retired			GMBs Issued Based on Retired Bonds				Amount of Retired Bonds Set Aside for Future Issuance Based on Retired Bonds	Series
Date	Series	Amount	Date	Series Issued	Retired Bonds Used	Amount		
November 12, 2002	Revolver Due 10/9/03	$ 850,000,000	November 12, 2002	Term Loan Due 11/12/05	Revolver Due 10/9/03	$ 850,000,000	$ -	
November 14, 2005	GMBs due 11/12/05	1,310,000,000	November 14, 2005	GMBs due 11/14/07	GMBs due 11/12/05	1,310,000,000	-	
December 16, 2005	GMBs due 11/14/07	1,310,000,000	November 25, 2008	GMBs due 11/24/09	GMBs due 11/14/07	470,865,000		
			January 9, 2009	GMBs due 3/1/14	GMBs due 11/14/07	241,860,000	-	
			August 10, 2012	GMBs due 8/1/22	GMBs due 11/14/07	300,000,000		
			August 10, 2012	GMBs due 8/1/42	GMBs due 11/14/07	297,275,000		
November 24, 2009	GMBs due 11/24/09	600,000,000	August 10, 2012	GMBs due 8/1/42	GMBs due 11/24/09	202,725,000		
			March 17, 2014	GMBs due 4/1/44	GMBs due 11/24/09	397,275,000		
January 1, 2011	GMBs due 1/1/11	19,200,000	May 18, 2016	GMBs due 06/01/21	GMBs due 01/1/11	$ 19,200,000	-	
March 5, 2012	GMBs due 6/1/26	100,000,000	May 18, 2016	GMBs due 06/01/21	GMBs due 6/1/26	$ 100,000,000	-	
April 1, 2012	GMBs due 4/1/12	33,470,000	March 17, 2014	GMBs due 4/1/44	GMBs due 4/1/12	33,470,000		
April 1, 2012	GMBs due 4/1/12	12,100,000	March 17, 2014	GMBs due 4/1/44	GMBs due 4/1/12	12,100,000		
August 27, 2012	GMBs due 1/15/14	300,000,000	March 17, 2014	GMBs due 4/1/44	GMBs due 1/15/14	6,305,000	-	
			May 18, 2016	GMBs due 06/01/21	GMBs due 1/15/14	180,800,000		
			August 11, 2016	GMBs due 09/01/26	GMBs due 1/15/14	112,895,000		
August 27, 2012	GMBs due 3/1/14	500,000,000	August 11, 2016	GMBs due 09/01/26	GMBs due 03/01/14	187,105,000	-	GMBs due 3/1/14
			January 12, 2017	GMBs due 02/01/27	GMBs due 03/01/14	300,000,000		
			February 26, 2018	GMBs due 03/01/48	GMBs due 03/01/14	12,895,000		
March 15, 2013	GMBs due 3/15/13	450,000,000	February 26, 2018	GMBs due 03/01/48	GMBs due 03/01/14	387,105,000	62,895,000	GMBs due 3/15/13
March 3, 2014	GMBs due 3/1/17	43,820,000					43,820,000	GMBs due 3/1/17
June 2, 2014	GMBs due 12/1/17	83,565,000					83,565,000	GMBs due 12/1/17
	Total	$ 5,612,155,000				############## ##########	########### ##########	

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 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-Document Ltd , as Administrative Agent

CALCULATION MADE PURSUANT TO SECTION 7.2(a)

(Millions of Dollars)

	December 31, 2018
Consolidated Indebtedness:	
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	0
Consolidated Indebtedness	3,282
Consolidated Capitalization:	
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
Capital Stock distribution adjustment	1,685
Consolidated Shareholders' Equity (adjusted)	5,339
Consolidated Indebtedness (from above)	3,282
Consolidated Capitalization	8,621

	Consolidated Indebtedness	/	Consolidated Capitalization		
Section 7.2(a) Financial Ratio.	3,282	/	8,621	=	38 1%

As specified in the Agreement, this percentage is not permitted to exceed 65%

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

True-Up Litigation Adjustment: 827 + 145 = 972

(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 Display

G/L Account No. 179088 Contra Reg Assets-Final True-Up Equity Interest
Company Code 0003 CEP Houston Electric, LLC

CoCd	Assign.	Tr.Prt	Reference	G/L	Period	Year	DocumentN	Type	Pstng Date	PK	Amt in loc.cur	Cost Ctr	Profit Ctr	Order
*			1463-01								213,341,614.52			
*			1455								404,715,110.00-			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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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-AFUDC-Debt : Local Currency Balances Display

Line items Other currency... Other bus.area... Display currency

Acct 706120 CoCde 0003 Year 2018 BusAr * Curr. * Display in USD

Period	Debit	Credit	DC bal.	Account balance
C/f bal.				0.00
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	527,473.07-	1,682,285.92-
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	538,732.43	535,786.88-	3,631,430.27-
8	8,156.69	564,139.46	555,982.77-	4,187,413.04-
9	39.26	485,595.91	485,556.65-	4,672,969.69-
10	4,184.51	551,262.97	547,078.46-	5,220,048.15-
11	3,619.55	551,724.61	548,105.06-	5,768,153.21-
12	8,339.37	599,054.70	590,715.33-	6,358,868.54-
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	*
***	35,062.54	6,393,931.08	6,358,868.54-	6,358,868.54-

AFUDC Debt	6,358,868 54
AFUDC Equity	10,405,691.45
	16,764,559 99
	16 76

Capitalized Equity (AFUDC) : Local Currency Balances Display

Line items Other currency... Other bus.area... Display currency

Acct 481010 CoCde 0003 Year 2018 BusAr * Curr. * Display in USD

Period	Debit	Credit	DC bal.	Account balance
C/f bal.				0.00
1	280.98	957,128.33	956,847.35-	956,847.35-
2	895.64	1,029,133.30	1,028,237.66-	1,985,085.01-
3	1,553.96	854,624.56	853,070.60-	2,838,155.61-
4	782.79	774,900.67	774,117.88-	3,612,273.49-
5	6,228.08	801,658.98	795,430.90-	4,407,704.39-
6	537.60	717,937.00	717,399.40-	5,125,103.79-
7	4,355.65	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-

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

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
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	$	-

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
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	$	-
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	**Cash Flows from Financing Activities:**	$	-
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	$	-
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.

(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
(1) Total Debt as a Percent of Total Capital							
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	*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	-	-
Capital lease obligations - Current		*from above*	117	130	143	104	-
Preferred Stock			-	-	-	-	-
Preferred Trust Securities			-	-	-	-	-
Current maturities of L-T-D		*from above*	-	-	-	-	-
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		*from above*	1,885,203	2,208,901	2,502,293	2,868,177	3,219,224
Total Capitalization		*from above*	3,476,790	3,809,688	4,619,134	5,237,375	5,901,276
Total Debt as a Percent of Total Capital			54 22%	57 98%	54.17%	54 76%	54 55%
(2) Total CWIP as a Percent of Net Plant							
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		*from above*	544,350	409,438	478,694	463,378	427,251
Total Net Plant		*from above*	5,435,223	6,162,832	6,562,915	7,100,274	7,699,538
Total CWIP as a Percent of Net Plant			10 02%	6 64%	7 29%	6 53%	5.55%
(3) Construction Expenditures as a Percent of Average Total Capital							
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		*from above*	3,476,790	3,809,688	4,619,134	5,237,375	5,901,276
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
Construction Expenditures as a Percent of Average Total Capital			25.24%	24.97%	20 17%	17.39%	16 33%

(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
(4) Pre-Tax Interest Coverage							
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,	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
Pre-Tax Interest Coverage			4.46	4 48	4.49	4 34	4 12
(5) Funds from Operations/Total Debt							
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
Funds from Operations / Total Debt			28 84%	27 70%	24.95%	25 25%	21.01%
(6) Fixed Charge Coverage							
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		*from above*	(13,518)	(11,967)	(6,457)	(10,404)	(10,406)
Add Income Tax Expense		*from above*	130,721	145,480	149,302	(9,121)	89,005
Add Interest Incurred		*from above*	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,	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		*from above*	503,387	531,538	551,611	558,884	547,709
Total Fixed Charges		*from above*	106,876	113,295	120,158	124,876	132,954
Fixed Charge Coverage			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 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
(7) Fixed Charge Coverage Ratio (including Distribution on Preferred Trust Securities)							
Income from continuing operations		*from above*	252,272	260,797	275,694	432,726	336,156
Remove Non-recurring items, before tax		*from above*	-	-	-	-	-
Remove Equity AFUDC		*from above*	(13,518)	(11,967)	(6,457)	(10,404)	(10,406)
Add Income Tax Expense		*from above*	130,721	145,480	149,302	(9,121)	89,005
Add Interest Incurred		*from above*	106,710	113,160	120,024	123,620	132,806
Add 1/3 Rental Expense		*from above*	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		*from above*	106,710	113,160	120,024	123,620	132,806
Add 1/3 Rental Expense		*from above*	166	134	134	1,256	149
Distributions on Preferred Trust Securities		*from above*	-	-	-	-	-
Total Fixed Charges			106,876	113,295	120,158	124,876	132,954
Adjusted Pre-Tax Income		*from above*	503,387	531,538	551,611	558,884	547,709
Total Fixed Charges		*from above*	106,876	113,295	120,158	124,876	132,954
Fixed Charge Coverage Ratio including Distribution on Preferred Trust Securities			4.71	4.69	4.59	4 48	4 12
(8) Funds from Operations Interest Coverage							
Cash Flow from Operations (Before Working Capital Changes) (2)		*from above*	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)
Add. Cash Interest Paid			205,646	202,705	197,902	194,251	189,481
Adjusted Cash Flow from Operations			749,413	814,623	822,126	918,434	865,791
Interest Incurred		*from above*	106,710	113,160	120,024	123,620	132,806
Adjusted Cash Flow from Operations		*from above*	749,413	814,623	822,126	918,434	865,791
Interest Incurred		*from above*	106,710	113,160	120,024	123,620	132,806
Funds from Operations Interest Coverage			7 02	7.20	6.85	7.43	6 52
(9) Net Cash Flow/Capital Outlays							
Cash Flow from Operations (before working capital changes)		*from above*	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)
Remove Preferred Dividends			-	-	-	-	-
Remove Common Dividends *(dividend to parent)*				(252,000)	(134,400)	(180,000)	(208,800)
Adjusted Cash Flow from Operations			543,767	359,918	489,824	544,183	467,510
Cash Construction Expenditures (excluding AFUDC)		*from above*	780,301	909,641	850,086	857,160	909,556
Adjusted Cash Flow from Operations		*from above*	543,767	359,918	489,824	544,183	467,510
Cash Construction Expenditures (excluding AFUDC)		*from above*	780,301	909,641	850,086	857,160	909,556
Net Cash Flow/Capital Outlays			69 69%	39 57%	57.62%	63 49%	51.40%
(10) Cash Coverage of Common Dividends							
Cash Flow from Operations (before working capital changes)		*from above*	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)
Remove Preferred Dividends		*from above*	-	-	-	-	-
Adjusted Cash Flow from Operations			543,767	611,918	624,224	724,183	676,310

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(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
Common Dividends		*from above*	-	252,000	134,400	180,000	208,800
Adjusted Cash Flow from Operations		*from above*	543,767	611,918	624,224	724,183	676,310
Common Dividends		*from above*	-	252,000	134,400	180,000	208,800
Cash Coverage of Common Dividends			-	2.43	4 64	4.02	3.24

(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
(11) Return on Average Common Equity							
Net Income After Preferred Dividends		*from above*	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		*from above*	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		*from above*	252,272	260,797	275,694	432,726	336,156
Average of Beginning and Ending Common Equity		*from above*	1,412,068	1,596,187	1,858,814	2,243,020	2,525,625
Return on Average Common Equity			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

Schedule IX

Historical Financial Statistics
(Total Company Basis)

Line	Fiscal Year	2010	2011	2012	2013	Monitoring Period
1	Total Debt as a Percent	51.44%	40.96%	54.39%	54.45%	54.22%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	4.30%	3.74%	8.48%	[illegible]	10.02%
5						
6	Construction Expenditures as a	13.61%	12.54%	13.18%	22.07%	21.24%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	3.19	6.90	4.04	6.19	4.49
10						
11	Funds From Operations / Total Debt	[illegible]	25.91%	28.02%	34.41%	18.94%
12						
13						
14	Fixed Charge Coverage	3.25	8.19	4.13	5.30	4.71
15						
16	Fixed Charge Coverage (Including	3.28	8.13	4.13	5.30	4.71
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	8.27	4.58	8.14	7.59	7.02
20						
21	Net Cash Flow / Capital Outlays	0.95	0.94	1.06	0.81	0.70
22						
23						
24	Cash Coverage of Common Dividends	0.00	0.00	0.31	0.68	0.00
25						
26	AFUDC and Deferrals as a Percent	3.40%	1.11%	4.44%	5.77%	5.48%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	10.36%	18.83%	11.47%	12.18%	17.57%

( ) Indicates that footnote or comment relating to this schedule is included on Supplemental Schedule IV

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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 2015

Schedule IX

Historical Financial Statistics
(Total Company Basis)

Line	Fiscal Year	2011	2012	2013	2014	Monitoring Period
1	Total Debt as a Percent	48 96%	54 39%	54.48%	54 22%	57 08%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	5 79%	6 48%	10 48%	16,02%	0 04%
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 00	4 04	5 19	4 46	4 48
10						
11	Funds From Operations / Total Debt	25 81%	25 02%	34.41%	28 84%	27 79%
12						
13						
14	Fixed Charge Coverage	6 11	4 13	5 35	4 71	4 69
15						
16	Fixed Charge Coverage (Including	6 13	4 12	5 36	4 71	4 69
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	4 35	5 14	7 58	7 02	7 20
20						
21	Net Cash Flow / Capital Outlays	0 94	-1 90	-0 35	0 70	0 48
22						
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%	6 77%	9 48%	7 88%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	14 81%	11 47%	16 19%	17 87%	15 34%

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

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

CenterPoint Energy Houston Electric, LLC
12 Months Ending December 31, 2016

Schedule IX

Historical Financial Statistics
(Total Company Basis)

Line	Fiscal Year	2012	2013	2014	2015	Monitoring Period
1	Total Debt as a Percent	54.38%	54.45%	54.22%	57.96%	54.17%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	8.48%	10.48%	10.32%	8.64%	7.29%
5						
6	Construction Expenditures as a	13.18%	22.82%	26.24%	24.57%	26.17%
7	Percent of Average Total Capital					
8						
9	Pre Tax Interest Coverage	4.64	5.19	4.46	4.48	4.49
10						
11	Funds From Operations / Total Debt	25.02%	24.41%	28.34%	27.70%	24.85%
12						
13						
14	Fixed Charge Coverage	4.13	5.35	4.71	4.50	4.59
15						
16	Fixed Charge Coverage (Including	4.13	5.36	4.71	4.69	4.50
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	6.14	7.29	7.02	7.26	6.85
20						
21	Net Cash Flow / Capital Outlays	-196.11%	-35.30%	[illegible]	38.57%	57.82%
22						
23						
24	Cash Coverage of Common Dividends	0.31	0.08	9.00	2.43	4.64
25						
26	AFUDC and Deferrals as a Percent	4.44%	6.77%	9.41%	7.96%	4.50%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	11.47%	18.10%	17.87%	16.34%	14.83%

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

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

CenterPoint Energy Houston Electric, LLC
12 Months Ending December 31, 2017

Schedule IX

Historical Financial Statistics
(Total Company Basis)

Line	Fiscal Year	2013	2014	2015	2016	Monitoring Period
1	Total Debt as a Percent	54.45%	54.22%	57.90%	54.17%	54.78%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	10.48%	10.02%	8.94%	7.29%	6.53%
5						
6	Construction Expenditures as a	22.62%	25.24%	24.07%	20.17%	17.39%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	5.10	4.45	4.48	4.40	4.34
10						
11	Funds From Operations / Total Debt	34.41%	29.84%	27.70%	24.05%	20.20%
12						
13						
14	Fixed Charge Coverage	5.35	4.71	4.60	4.58	4.48
15						
16	Fixed Charge Coverage (Including	5.35	4.71	4.09	4.59	4.48
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	7.58	7.02	7.20	6.88	7.43
20						
21	Net Cash Flow / Capital Outlays	-36.30%	69.09%	39.57%	57.02%	63.49%
22						
23						
24	Cash Coverage of Common Dividends	0.66	0.00	2.43	4.84	4.02
25						
26	AFUDC and Deferrals as a Percent	8.77%	9.40%	7.65%	4.50%	3.90%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	18.18%	17.87%	18.34%	14.83%	19.29%

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

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	WP II-D-1 Adj 8 Employee Expenses
Transmission Expense										
	Operation									
5600	Oper Supv & Eng	13 074,035	-	(43,205)		137,251	140,658		(3,422)	(9,088)
5610	Load Dispatching	-	-	-		-	-		-	-
5611	Load Dispatching	46,968	-	-		-	1,239		-	(19)
5612	Load Dispatching	5,073,057	-	(195)		-	64,127		-	(3,416)
5613	Load Dispatching	348,992	-	-		-	3,701		-	(315)
5614	Scheduling, Control, and Dispatching Services	885,002	-	(106)		-	14,807		-	(991)
5615	Reliability, Planning, and Standards	1,016,528	-	-		-	47,248		-	(934)
5617	General Studies	166,219	-	-		-	15,431		-	(251)
5620	Station Exp	186,406	-	(7,945)		1,738	67,678		(460)	(50)
5630	Overhead Line Exp	841,750	-	(25,016)		1,738	70,533		(34)	(2,368)
5640	Underground Line Exp	(2,005)	-	-		1,738	-		(33)	-
5650	Transmission of Electricity by Others	791,308,238	-	-		-	-	(242,265,259)	-	-
5660	Misc Transmission Ex	3,547,966	-	(45,964)		-	197,984		(1)	(5,536)
5670	Rents	97,659	-	-		-	-		-	-
	Subtotal 560-567	816,590,815	-	(122,431)	-	142,465	623,406	(242,265,259)	(3,949)	(22,966)
	Maintenance									
5680	Maintenance Super & Engin.	-	-	-		-	-		-	-
5690	Maint of Structures	739,276	-	(11,741)		-	118,643		(549)	(648)
5700	Maint of Sta Equip	10,515,684	-	(35,715)		1,738	356,147		(1,740)	(2,031)
5710	Maint of Ovrhd Lines	15,561,153	-	(58,371)		3,476	163,742		(67)	(5,517)
5720	Maint of Undrg Lines	(2,005)	-	-		1,738	-		(33)	-
5730	Maint of Misc Trans	512,543	-	(329)		-	3,646		-	(590)
	Subtotal 568-573	27,326,651	-	(106,155)	-	6,952	642,177	-	(2,388)	(8,786)
TOTAL TRANSMISSION EXPENSE		843,917,466	-	(228,586)	-	149,417	1,265,584	(242,265,259)	(6,337)	(31,752)
Distribution Expense										
	Operation									
5810	Load Dispatching	3,327,992	-	(794)		-	63,032		-	(2,294)
5820	Station Exp	920,963	-	(28,826)		1,738	259,725		(1,557)	(427)
5830	Ovrhd Line Exp	3,407,158	-	(71,857)		3,476	423,033		(179)	(13,017)
5840	Undrgr Line Exp	8,155,800	-	(92,816)		3,476	381,431		(66)	(8,967)
5850	St Light & Signal Ex	47,856	-	(187)		3,476	4,300		(66)	(105)
5860	Meter Exp	27,262,431	-	(99,427)		2,174	601,983		(124)	(8,342)
5870	Cust Installat Exp	2,920,140	-	(20,338)		1,738	141,177		(63)	(759)
5890	Rents	125,221	-	-		-	-		-	-
	Subtotal 581-589	46,167,561	-	(314,245)	-	16,078	1,874,681	-	(2,055)	(33,912)
5800	Oper Supv & Eng	53,346,252	-	(78,012)		591,569	376,295		(24,993)	(24,145)
5880	Misc Distrib Exp	35,679,778	-	(64,657)		-	575,030		(228)	(26,299)

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

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
				222,194	13,296,229
				-	-
				1,220	48,188
				60,516	5,133,573
				3,387	352,379
				13,710	898,712
				46,314	1,062,842
				15,180	181,399
				60,962	247,367
				44,854	886,604
				1,705	(299)
				(242,265,259)	549,042,979
				146,484	3,694,450
				-	97,659
-	-	-	-	(241,648,733)	574,942,082
				-	-
				105,705	844,981
				318,400	10,834,083
				103,263	15,664,416
				1,705	(299)
				2,727	515,269
-	-	-	-	531,800	27,858,451
-	-	-	-	(241,116,933)	602,800,533
				59,943	3,387,936
				230,653	1,151,616
				341,455	3,748,613
				283,059	8,438,859
				7,418	55,274
	3,565,312		(9,010)	4,052,566	31,314,997
				121,755	3,041,895
				-	125,221
-	3,565,312	-	(9,010)	5,096,850	51,264,411
				840,714	54,186,966
				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

			Adjustments and Known Changes							
FERC Account	Description	Total Company	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	WP II-D-1 Adj 8 Employee Expenses
	Subtotal 580 & 588	**89,026,031**	**-**	**(142,670)**	**-**	**591,569**	**951,325**	**-**	**(25,221)**	**(50,444)**
	Distribution-Operation-Total	**135,193,592**	**-**	**(456,914)**	**-**	**607,648**	**2,826,006**	**-**	**(27,276)**	**(84,356)**
	Maintenance									
5910	Maint of Structures	819,730	-	(1,521)		-	28,704		-	(558)
5920	Maint of Sta Equip	12,536,159	-	(41,591)		-	475,384		(1,963)	(4,184)
5930	Maint of Ovhd Lines	84,708,974	-	(172,836)		7,270	923,360		(168,539)	(24,922)
5940	Maint of Undrg Lines	12,990,399	-	(37,418)		-	276,085		(571)	(10,407)
5950	Maint of Line Transf	4,970,048	-	-		-	-		-	-
5960	Maint St Lite & Sig	3,727,377	-	(9,916)		-	55,766		(769)	(755)
5970	Maint of Meters	7,758,421	-	-		1,738	-		(33)	-
5980	Maint of Misc Dist Plant (371&372)	2,052,528	-	(3)		-	291		-	(2,250)
	Subtotal 591-598	**129,563,636**	**-**	**(263,285)**	**-**	**9,008**	**1,759,590**	**-**	**(171,875)**	**(43,076)**
5900	Maint Supv & Eng	5,521,333	-	(4,229)		-	27,487		-	(17,059)
5982	Maint. of Misc Dist. Plant. - OTHER	-	-	-		-	-		-	-
	Subtotal 590 & 598.2	**5,521,333**	**-**	**(4,229)**	**-**	**-**	**27,487**	**-**	**-**	**(17,059)**
TOTAL DISTRIBUTION EXPENSE		**270,278,561**	**-**	**(724,429)**	**-**	**616,656**	**4,613,083**	**-**	**(199,152)**	**(144,490)**
	Customer Accounting Expenses									
9020	Meter Reading Exp	1,494,852	-	(1,958)		4,670	1,792		-	(148)
9030	Cust Records & Colle	31,249,862	-	(23,641)		379,424	148,295		(30)	(13,521)
	Subtotal 902-903	**32,744,714**	**-**	**(25,599)**	**-**	**384,094**	**150,087**	**-**	**(30)**	**(13,669)**
9010	Supervision	-	-	-		-	-		-	-
9040	Uncollectible Accts	64,611	-	-	523,182	-	-		-	-
9050	Misc. Customer Acct Expense	-	-	-		-	-		-	-
	Subtotal Customer Accounting	**64,611**	**-**	**-**	**523,182**	**-**	**-**	**-**	**-**	**-**
	Cust. Service & Information Expense									
9060	Customer Svc & Infor	-	-	-		-	-		-	-
9080	Customer Assistance	33,734,464	(30,747,357)	(2,519)		316	97,819		-	(32,582)
9090	Inform & Instruct Adv Exp	3,913,591	-	(227)		257,598	3,180		-	(320)
	Subtotal 906-909	**37,648,055**	**(30,747,357)**	**(2,747)**	**-**	**257,913**	**100,999**	**-**	**-**	**(32,902)**
9070	Supervision	627,497	(627,497)	-		-	-		-	-
9100	Misc Cust. Service & Inform	228,435	-	-		-	-		-	-
	Subtotal 907 & 910	**855,932**	**(627,497)**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TOTAL CUSTOMER SERVICE & INFO.		**71,313,312**	**(31,374,854)**	**(28,346)**	**523,182**	**642,007**	**251,086**	**-**	**(30)**	**(46,571)**

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

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
-	-	-	-	1,324,560	90,350,590
-	3,565,312	-	(9,010)	6,421,410	141,615,001
				26,625	846,356
				427,645	12,963,804
				564,333	85,273,307
				227,689	13,218,088
				-	4,970,048
				44,326	3,771,703
				1,705	7,760,126
				(1,962)	2,050,567
-	-	-	-	1,290,361	130,853,998
				6,199	5,527,532
				-	-
-	-	-	-	6,199	5,527,532
-	3,565,312	-	(9,010)	7,717,970	277,996,531
				4,355	1,499,207
				490,527	31,740,389
-	-	-	-	494,882	33,239,596
				-	-
				523,182	587,792
				-	-
-	-	-	-	523,182	587,792
				-	-
				(30,684,324)	3,050,140
				260,231	4,173,822
-	-	-	-	(30,424,093)	7,223,961
				(627,497)	-
(221,575)				(221,575)	6,861
(221,575)	-	-	-	(849,072)	6,861
(221,575)	-	-	-	(30,255,101)	41,058,210

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	WP II-D-1 Adj 8 Employee Expenses
	Sales Expense									
9120	Demonstrating & Selling Exp	-	-	-		-	-		-	-
9130	Advertising Exp	-	-	-		-	-		-	-
9160	Misc Sales Exp	-	-	-		-	-		-	-
9170	Sales Expense	-	-	-		-	-		-	-
	Subtotal 912-917	-	-	-	-	-	-	-	-	-
9110	Supervision	-	-	-		-	-		-	-
9160	Misc. Sales Exp	-	-	-		-	-		-	-
	Subtotal -Sales	-	-	-	-	-	-	-	-	-
TOTAL SALES EXPENSE		-	-	-	-	-	-	-	-	-
TOTAL O&M EXPENSE		1,185,509,339	(31,374,854)	(981,361)	523,182	1,408,080	6,129,753	(242,265,259)	(205,519)	(222,813)
	Check	-	(0.00)	(992,367)		3,771,882	(0)			(240,557)
	Rounded to Thousands		(31,375)	(981)	523	1,408	6,130	(242,265)	(206)	(223)

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

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
				-	-
				-	-
				-	-
				-	-
-	-	-	-	-	-
				-	-
				-	-
-	-	-	-	-	-
-	-	-	-	-	-
(221,575)	3,565,312	-	(9,010)	(263,654,065)	921,855,274
(222)	3,565	-	(9)	(263,654)	

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	Rounded To Thousands
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	343,641
4040	Amort Lmt-Term Plant	987,646.78	988
4050	Amort Other Plant	39,604,003.99	39,604
4081	Other Taxes-Non-Inc	263,541,653.31	263,542
4091	Inc Taxes-Oper Inc	70,271,682 00	70,272
4101	Prov For Def Inc Tax	(80,475,648.00)	(80,476)
4111	Def Inc Tax-Credit	(17,355,130 00)	(17,355)
4171	Exp-Nonutility Oper	11.99	-
4190	Interest & Div Inc	(1,907,436 67)	(1,907)
4191	AFUDC Other	(10,403,980 92)	(10,404)
4210	Misc NonOper Income	(3,194,748.80)	(3,195)
4211	Gain On Disp of Prop	(4,812,393 55)	(4,812)
4261	Donations	1,667,787 04	1,668
4262	Life Insurance	6,303,209.31	6,303
4263	Penalties	21,653 10	22
4264	Expd For Civic Act	6,326,165.40	6,326
4265	Other Deductions	212,814 76	213
4270	Interest On L-T Debt	115,134,427 68	115,134
4280	Amort of Debt Disc	2,889,668 87	2,890
4281	Amor Loss-Reacq Debt	8,203,882 04	8,204
4300	In-Debt To Assoc Cos	61,754 07	62
4310	Other Interest Exp	8,380,508.31	8,381
4320	Borrowed AFUDC-CR	(6,485,148.41)	(6,485)
4390	Adj To Retained Earn	180,000,000 00	180,000
4400	Residential Sales-El	(1,135,111,640.21)	(1,135,112)
4421	Commercial sales	(695,965,468.16)	(695,965)
4422	Industrial sales	(326,528,993 38)	(326,529)
4440	St & Highway Lightin	(31,296,261 81)	(31,296)
4500	Forfeited Discounts	(264,275 03)	(264)
4510	Misc Service Rev	(18,902,809 46)	(18,903)
4540	Rent From Prop	(28 341,360 09)	(28,341)
4560	Other Electric Rev	(87 760,159 00)	(87,760)
4561	Rev-Transm of Elec of Oth	(265,354,795.17)	(265,355)
5600	Oper Supv & Eng	11,123,808.45	11,124
5611	LoadDispatch-Reliability	56,080.74	56
5612	LdDsptch-Mntr&OpTransSyst	4,483,721 83	4,484
5613	LdDsptch-TransSrvc&Sched	275,605.00	276
5614	Schd.SystCntrl&DsptchSrvc	771,263 43	771
5615	Reliablty.Plng&StndrdsDev	787,023.05	787
5617	GeneratnIntrcnnctnStudies	119,218.31	119

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	Rounded To Thousands
5620	Station Exp	93,857.09	94
5630	Overhead Line Exp	843,724 82	844
5640	Underground Line Exp	(2,792 13)	(3)
5650	Elec Tranms-by Oth	823,024,536 95	823,025
5660	Misc Transmission Ex	3,442,889 02	3,443
5670	Rents	139,164.15	139
5690	Maint of Structures	568,645 87	569
5700	Maint of Sta Equip	7,818,473.71	7,818
5710	Maint of Ovrhd Lines	13,523,550 06	13,524
5720	Maint of Undrg Lines	(2,792 13)	(3)
5730	Maint of Misc Trans	450,942 71	451
5800	Oper Supv & Eng	49,265,120.02	49,265
5810	Load Dispatching	3,062,676 00	3,063
5820	Station Exp	1,615,082 21	1,615
5830	Ovrhd Line Exp	2,655,108 01	2,655
5840	Undrgr Line Exp	7,469,641.26	7,470
5850	St Light & Signal Ex	54,174 25	54
5860	Meter Exp	22,934,630 86	22,935
5870	Cust Installat Exp	2,750,679 79	2,751
5880	Misc Distrib Exp	32,547,058 97	32,547
5890	Rents	436,791 14	437
5900	Maint Supv & Eng	5,562,873.34	5,563
5910	Maint of Structures	770,672 27	771
5920	Maint of Sta Equip	12,180,647.07	12,181
5930	Maint of Ovhd Lines	75,173,398 41	75,173
5940	Maint of Undrg Lines	9,811,406 79	9,811
5950	Maint of Line Transf	4,668,939 05	4,669
5960	Maint St Lite & Sig	3,296,795 94	3,297
5970	Maint of Meters	6,915,606.62	6,916
5980	Maint of Misc Distr	1,947,340 39	1,947
9010	Supervision	2.49	-
9020	Meter Reading Exp	1,471,330 96	1,471
9030	Cust Records & Colle	30,822 637 65	30,823
9040	Uncollectible Accts	60,629 10	61
9070	Supervision	592,984 37	593
9080	Cust Assistance Exp	31,613,998.79	31,614
9090	Info & Instruc Adv	3,338,253 26	3,338
9100	Misc Cust Srv & Info	8,247.90	8
9200	Admin & Gen Salaries	661,626 99	662
9210	Office Supplies & Ex	1,742,135.35	1,742
9230	Outside Services Emp	1,093,482 35	1,093
9240	Property Insurance	7,393,569 31	7,394
9250	Injuries & Damages	16,950,989 26	16,951
9260	Empl Pensions&Ben	56,979,390 36	56,979
9280	Regulatory Comm Exp	35,879 04	36
9301	Gen Advertising Exp	513,457 57	513
9302	Misc General Exps	136,418,453.73	136,418
9310	Rents	11,338,777 62	11,339
9350	Maint of Gen Plant	2,515,603.59	2,516
CLRE	Clearing Engineering OH	0.00	-
CLRO	Clearing Other	0.00	-

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	Rounded To Thousands
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	-
** Natural Account Sorted by FERC Account		(252,725,711.32)	
FERC Balance 5600 - 9350		1,414,187,013.01	1,414,189

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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

FERC	FERC Account	Total	Rounded To Thousands
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	339,096
4040	Amort Lmt-Term Plant	(1,687,926.23)	(1,688)
4050	Amort Other Plant	35,787,448.55	35,787
4081	Other Taxes-Non-Inc	258,652,416.90	258,652
4091	Inc Taxes-Oper Inc	165,709,842 00	165,710
4101	Prov For Def Inc Tax	(15,853,690 40)	(15,854)
4111	Def Inc Tax-Credit	(18,311,319 00)	(18,311)
4171	Exp-Nonutility Oper	473 70	-
4190	Interest & Div Inc	(590,903 70)	(591)
4191	AFUDC Other	(6,456,538 28)	(6,457)
4210	Misc NonOper Income	(8,092,960.29)	(8,093)
4211	Gain On Disp of Prop	(835,084 07)	(835)
4261	Donations	447,715 07	448
4262	Life Insurance	6,009,104 26	6,009
4263	Penalties	87,029 64	87
4264	Expd For Civic Act	4,737,818.93	4,738
4265	Other Deductions	191,910.99	192
4270	Interest On L-T Debt	100,131,622.56	100,132
4280	Amort of Debt Disc	2,089,399.91	2,089
4281	Amor Loss-Reacq Debt	9,489,951 60	9,490
4300	In-Debt To Assoc Cos	3,893,294.47	3,893
4310	Other Interest Exp	15,959,210 26	15,959
4320	Borrowed AFUDC-CR	(5,955,295 71)	(5,955)
4390	Adj To Retained Earn	134,400,000 00	134,400
4400	Residential Sales-El	(1,093,200,523.46)	(1,093,201)
4421	Commercial sales	(663,009,667.15)	(663,010)
4422	Industrial sales	(302,248,649.81)	(302,249)
4440	St & Highway Lightin	(30,892,774.05)	(30,893)
4500	Forfeited Discounts	(73,167.80)	(73)
4510	Misc Service Rev	(25,861,100 21)	(25,861)
4540	Rent From Prop	(31,567,440 41)	(31,567)
4560	Other Electric Rev	(111,458,636.20)	(111,459)
4561	Rev-Transm of Elec of Oth	(247,286,247 24)	(247,286)
5600	Oper Supv & Eng	9,732,935 34	9,733
5611	LoadDispatch-Reliability	53,080 42	53
5612	LdDsptch-Mntr&OpTransSyst	4,685,641.99	4,686
5613	LdDsptch-TransSrvc&Schcd	324,199.40	324
5614	Schd.SystCntrl&DsptchSrvc	829,110.79	829
5615	Reliablty.Plng&StndrdsDev	735,123.99	735

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

Source SAP ZF16

FERC	FERC Account	Total	Rounded To Thousands
5617	GeneratnIntrconnctnStudies	102,548.37	103
5620	Station Exp	101 852.28	102
5630	Overhead Line Exp	769,691.59	770
5640	Underground Line Exp	(838.61)	(1)
5650	Elec Tranms-by Oth	767,383,191 51	767,383
5660	Misc Transmission Ex	3,265,699.29	3,266
5670	Rents	55,564 59	56
5690	Maint of Structures	561,041.00	561
5700	Maint of Sta Equip	7,229,215.61	7,229
5710	Maint of Ovrhd Lines	14,630,656 56	14,631
5720	Maint of Undrg Lines	(838 61)	(1)
5730	Maint of Misc Trans	466,259 16	466
5800	Oper Supv & Eng	44,372,198 34	44,372
5810	Load Dispatching	3,586,886 05	3,587
5820	Station Exp	1,592,706 31	1,593
5830	Ovrhd Line Exp	2,697,926 11	2,698
5840	Undrgr Line Exp	6,725,125 47	6,725
5850	St Light & Signal Ex	57,070 27	57
5860	Meter Exp	29,102,463.48	29,102
5870	Cust Installat Exp	2,661,611 36	2,662
5880	Misc Distrib Exp	28 639,103 20	28,639
5890	Rents	54,574 06	55
5900	Maint Supv & Eng	5,306,081 66	5,306
5910	Maint of Structures	1,281,689.83	1,282
5920	Maint of Sta Equip	12,036,340 51	12,036
5930	Maint of Ovhd Lines	74,669,760 61	74,670
5940	Maint of Undrg Lines	8,857,026.50	8,857
5950	Maint of Line Transf	4,653,181 08	4,653
5960	Maint St Lite & Sig	4,086,709 39	4,087
5970	Maint of Meters	6,957,488.29	6,957
5980	Maint of Misc Distr	1,083,229 59	1,083
9010	Supervision	1.28	-
9020	Meter Reading Exp	1,388,064.45	1,388
9030	Cust Records & Colle	32,810,491 09	32,810
9040	Uncollectible Accts	110,510.42	111
9070	Supervision	651,309.04	651
9080	Cust Assistance Exp	34,516,059.89	34,516
9090	Info & Instruc Adv	3,001,287.57	3,001
9100	Misc Cust Srv & Info	133,995.81	134
9200	Admin & Gen Salaries	693,857.53	694
9210	Office Supplies & Ex	1,791,731.17	1,792
9230	Outside Services Emp	925,857.24	926
9240	Property Insurance	7,688,093.87	7,688
9250	Injuries & Damages	12,088,202 28	12,088
9260	Empl Pensions&Ben	58,199,015.98	58,199
9280	Regulatory Comm Exp	166,881 00	167
9301	Gen Advertising Exp	608,513.83	609
9302	Misc General Exps	127,567,657.98	127,568
9310	Rents	11,306,121.11	11,306
9350	Maint of Gen Plant	2,411,918.33	2,412
CLRO	Clearing Other	0.00	-

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

Source SAP ZF16

FERC	FERC Account	Total	Rounded To Thousands
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	-
** Natural Account Sorted by FERC Account		(141,294,011.59)	
FERC Balance 5600 - 9350		1,345,404,876.65	1,345,406

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

Source SAP ZF16

FERC	FERC Account	Total	Rounded To Thousands
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	307,258
4040	Amort Lmt-Term Plant	(2,628,489 62)	(2,628)
4050	Amort Other Plant	25,805,700.13	25,806
4081	Other Taxes-Non-Inc	252,788,684 47	252,789
4091	Inc Taxes-Oper Inc	105,473,112 00	105,473
4101	Prov For Def Inc Tax	31,579,834.00	31,580
4111	Def Inc Tax-Credit	(13,131,123 00)	(13,131)
4171	Exp-Nonutility Oper	12,462.83	12
4190	Interest & Div Inc	322,956 74	323
4191	AFUDC Other	(11,966,616.26)	(11,967)
4210	Misc NonOper Income	(9,534,948 75)	(9,535)
4211	Gain On Disp of Prop	0.00	-
4261	Donations	866,039 97	866
4262	Life Insurance	6,757,843.99	6,758
4263	Penalties	3,960.18	4
4264	Expd For Civic Act	5,124,720.27	5 125
4265	Other Deductions	184,707 22	185
4270	Interest On L-T Debt	93,776,555.45	93,777
4280	Amort of Debt Disc	1,558,098 99	1,558
4281	Amor Loss-Reacq Debt	10,659,518 13	10,660
4300	In-Debt To Assoc Cos	1,212 095.82	1,212
4310	Other Interest Exp	18,173,224 57	18,173
4320	Borrowed AFUDC-CR	(7,997,928.60)	(7,998)
4390	Adj To Retained Earn	252,000,000.00	252,000
4400	Residential Sales-El	(1,101,321,484 85)	(1,101,321)
4421	Commercial sales	(654,732,119 18)	(654,732)
4422	Industrial sales	(294,192,207.93)	(294,192)
4440	St & Highway Lightin	(27,157,251.07)	(27,157)
4500	Forfeited Discounts	(36,326.56)	(36)
4510	Misc Service Rev	(29,001,219 32)	(29,001)
4540	Rent From Prop	(31,673,085 01)	(31,673)
4560	Other Electric Rev	(9,524,747 90)	(9,525)
4561	Rev-Transm of Elec of Oth	(217,579,176.38)	(217,579)
5600	Oper Supv & Eng	8,685,906 94	8,686
5611	LoadDispatch-Reliability	39,070 74	39
5612	LdDsptch-Mntr&OpTransSyst	4,276,139 99	4,276
5613	LdDsptch-TransSrvc&Sched	207,320.35	207
5614	Schd,SystCntrl&DsptchSrvc	705,999 14	706
5615	Reliablty,Plng&StndrdsDev	702,117 06	702
5617	GeneratnIntrcnnctnStudies	88,542 29	89
5620	Station Exp	105,403 42	105
5630	Overhead Line Exp	870,500 91	871

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	Rounded To Thousands
5640	Underground Line Exp	0 00	-
5650	Elec Transm-by Oth	712,144,135 03	712,144
5660	Misc Transmission Ex	3,321,580 24	3,322
5670	Rents	15,843 62	16
5690	Maint of Structures	415,609 51	416
5700	Maint of Sta Equip	6,618,121 86	6,618
5710	Maint of Ovrhd Lines	12,998,641 78	12,999
5720	Maint of Undrg Lines	0.00	-
5730	Maint of Misc Trans	487,711.31	488
5800	Oper Supv & Eng	38,567,018 64	38,567
5810	Load Dispatching	3,515,619.46	3,516
5820	Station Exp	1,595,777 74	1,596
5830	Ovrhd Line Exp	3,055,505.47	3,056
5840	Undrgr Line Exp	6,887,753.70	6,888
5850	St Light & Signal Ex	88,735 82	89
5860	Meter Exp	30,358,924 47	30,359
5870	Cust Installat Exp	2,918,702 94	2,919
5880	Misc Distrib Exp	28,509,568.19	28,510
5890	Rents	155,770 53	156
5900	Maint Supv & Eng	5,644,939.16	5,645
5910	Maint of Structures	1,231,568 57	1,232
5920	Maint of Sta Equip	12,440,674 74	12,441
5930	Maint of Ovhd Lines	68,331,128.77	68,331
5940	Maint of Undrg Lines	9,274,425 42	9,274
5950	Maint of Line Transf	4,673,346.48	4,673
5960	Maint St Lite & Sig	4,767,749 78	4,768
5970	Maint of Meters	6,485,789 13	6,486
5980	Maint of Misc Distr	1,087,690 36	1,088
9010	Supervision	39 68	-
9020	Meter Reading Exp	1,507,888 20	1,508
9030	Cust Records & Colle	33,843,283.80	33,843
9040	Uncollectible Accts	128,811 41	129
9070	Supervision	732,596 16	733
9080	Cust Assistance Exp	38,936,173.55	38,936
9090	Info & Instruc Adv	2,992,229.87	2,992
9100	Misc Cust Srv & Info	228,206.17	228
9200	Admin & Gen Salaries	580,339.85	580
9210	Office Supplies & Ex	1,900,621 77	1,901
9230	Outside Services Emp	1,025,169 94	1,025
9240	Property Insurance	8,219,822.79	8,220
9250	Injuries & Damages	20,736,429.72	20,736
9260	Empl Pensions&Ben	56,739,020.10	56,739
9280	Regulatory Comm Exp	416,053.67	416
9301	Gen Advertising Exp	317,481 00	317
9302	Misc General Exps	124,506,230.71	124,506
9310	Rents	11,228,687.89	11,229
9350	Maint of Gen Plant	2,809,494.89	2,809
CLRO	Clearing Other	0.00	-
CLRP	Clearing Production Order	0.00	-
CLRS	Clearing Stores	0.00	-
CLRT	Clearing Transportation	0.00	-

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

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

Source. SAP ZF16

FERC	FERC Account	Total	Rounded To Thousands
H210	Land & Field Svcs	0 00	-
** Natural Account Sorted by FERC Account		(8,796,985.92)	
FERC Balance 5600 - 9350		1,288,121,914.73	1,288,125

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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	11 2018
FERC Account	Description	January	February	March	April	May	June	July	August	September	October	November
Transmission Expense												
	Operation											
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	1,094,130
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	3,873
5612	Load Dispatching	348,425	390,616	404,515	392 997	380,471	432,013	344,505	362,195	412,955	419,874	418,843
5613	Load Dispatching	18,980	26,501	29,611	24,999	23,008	17,711	16,939	16,327	20,389	22,656	16,996
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	111,678
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	80,457
5617	General Studies	15,212	18,303	11,735	8,371	12,846	10,361	13,570	9,642	27,330	10,818	11,453
5620	Station Equipment	21,309	(456)	2,761	4,063	21,436	5,514	22,346	10,717	12,800	16,597	24,755
5630	Overhead Line Expense	76,245	61,307	59,803	62,647	95,096	57,131	54,517	65,110	59,260	66,331	77,583
5640	Underground Line Expense	102	(504)	(1,036)	378	(214)	(484)	(415)	213	(225)	(112)	(0)
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	67,731,892
5660	Misc Transmission Expense	292,803	265,455	347,340	234,294	360,067	300,752	294,861	352,258	267,106	268,972	188,608
5670	Rents	6,767	15,767	6,767	6,767	6,767	6,767	6,767	11,493	6,910	7,933	7,437
	Subtotal 560-567	70,799,448	70,698,676	64,584,102	68,065,019	67,535,252	68,456,752	67,377,131	67,714,079	67,682,586	69,652,661	69,767,705
	Maintenance											
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	46,226
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	662,359
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	1,375,860
5720	Maint. of Underground Lines	102	(504)	(1,036)	378	(214)	(484)	(415)	213	(225)	(112)	(0)
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	75,283
	Subtotal 568-573	1,770,671	1,684,533	2,578,352	1,737,281	2,624,731	1,876,262	1,864,676	2,324,995	2,646,291	1,916,637	2,159,728
TOTAL TRANSMISSION EXPENSE		72,570,119	72,383,209	67,162,454	69,802,300	70,159,983	70,333,014	69,241,808	70,039,074	70,328,878	71,569,297	71,927,433
Distribution Expense												
	Operation											
5810	Load Dispatching	210,884	239,301	292,714	245,495	235,060	295,753	214,953	257,495	253,540	257,628	289,051
5820	Station Expense	80,436	19,166	47,105	27,137	91,182	46,770	101,204	49,048	64,583	80,056	107,150
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	378,280
5840	Underground Line Expense	611,004	521,496	721,742	613,522	654,849	693,039	736,384	802,857	696,057	543,714	715,519
5850	Street Lights	6,172	73	(5,463)	9,099	3,507	488	1,256	8,552	3,537	6,356	5,634
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	2,161,348
5870	Customer Installation Expense	227,374	219,420	196,699	247,916	222,998	243,954	263,711	263,056	243,555	256,710	263,055
5890	Rents	6,767	6,767	6,767	6,877	6,767	6,767	6,767	36,815	6,910	13,416	10,261
	Subtotal 581-589	3,189,455	3,124,990	4,223,892	3,725,951	4,121,929	4,181,656	3,332,534	4,107,643	3,491,048	3,870,927	3,930,297
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	4,723,719
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	2,827,184
	Subtotal 580 & 588	6,717,240	5,903,155	7,596,314	7,046,322	7,132,249	6,688,987	7,614,799	7,610,388	7,172,784	9,383,057	7,550,903
	Distribution-Operation-Total	9,906,696	9,028,145	11,820,205	10,772,273	11,254,178	10,870,643	10,947,333	11,718,031	10,663,832	13,253,984	11,481,200

12 2018 December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1,320,398	13,074,035	-	222,194	13,296,229
-	-	-	-	-
3,833	46,968	-	1,220	48,188
765,646	5,073,057	-	60,516	5,133,573
114,876	348,992	-	3,387	352,379
144,077	885,002	-	13,710	898,712
118,142	1,016,528	-	46,314	1,062 842
16,578	166,219	-	15,180	181,399
44,563	186,406	-	60,962	247,367
106,719	841,750	-	44,854	886,604
293	(2,005)	-	1,705	(299)
61,239,310	791,308,238	-	(242,265,259)	549,042,979
375,451	3,547,966	-	146,484	3,694,450
7,517	97,659	-	-	97,659
64,257,403	816,590,815	-	(241,648,733)	574,942,082
-	-	-	-	-
110,943	739,276	-	105,705	844,981
1,588,376	10,515,684	-	318,400	10,834,083
2,409,561	15,561,153	-	103,263	15,664,416
293	(2,005)	-	1,705	(299)
33,322	512,543	-	2,727	515,269
4,142,494	27,326,651	-	531,800	27,858,451
68,399,898	843,917,466	-	(241,116,933)	602,800,533
536,118	3,327,992	-	59,943	3,387,936
207,126	920,963	-	230,653	1,151,616
428,019	3,407,158	-	341,455	3,748,613
845,619	8,155,800	-	283,059	8,438,859
8,645	47,856	-	7,418	55,274
2,559,680	27,262,431	-	4,052,566	31,314,997
271,692	2,920,140	-	121,755	3,041,895
10,341	125,221	-	-	125,221
4,867,239	46,167,561	-	5,096,850	51,264,411
5,496,946	53,346,252	-	840,714	54,186,966
3 112,886	35,679,778	-	483,846	36,163,624
8,609,832	89,026,031	-	1,324,560	90,350,590
13,477,071	135,193,592	-	6,421,410	141,615,001

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

Source: SAP Data

FERC Account	Description	001/2018 January	002/2018 February	003/2018 March	004/2018 April	005/2018 May	006/2018 June	007/2018 July	008/2018 August	009/2018 September	10 2018 October	11 2018 November
	Maintenance											
5910	Maint of Structures	17,259	22,779	77,788	75,216	88,635	59,239	92,799	121,630	155,143	53,498	5,630
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	987,277
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	8,162,474
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	1,379,413
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	377,320
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	259,979
5970	Maint. of Meters	632,445	718,453	618,177	582,717	654,485	625,310	733,006	696,549	635,642	699,357	597,454
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	335,958
	Subtotal 591-598	10,094,810	9,577,762	9,640,417	10,230,128	10,733,796	10,866,745	9,981,408	12,716,899	10,827,782	10,988,846	12,105,505
5900	Maintenance Super & Engin.	399,667	325,695	445,875	430,484	393,731	570,112	507,199	442,070	536,051	757,944	469,162
5982	Maint. of Misc Dist Plant. - OTHER	-	-	-	-	-	-	-	-	-	-	-
	Subtotal 590 & 598.2	399,667	325,695	445,875	430,484	393,731	570,112	507,199	442,070	536,051	757,944	469,162
TOTAL DISTRIBUTION EXPENSE		20,401,172	18,931,601	21,906,497	21,432,885	22,381,705	22,307,500	21,435,940	24,877,000	22,027,666	25,000,775	24,055,867
	Customer Accounting Expenses											
9020	Meter Reading Expense	141,945	144,471	134,744	130,766	113,944	107,182	127,273	119,663	108,326	114,998	128,061
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	2,234,860
	Subtotal 902-903	2,313,720	2,627,291	2,671,226	2,821,588	2,529,240	2,885,875	2,875,236	2,895,471	2,895,715	2,770,752	2,362,921
9010	Supervision	-	-	-	-	-	-	-	-	-	-	-
9040	Uncollectible Accounts	-	-	-	-	-	-	-	(32)	64,201	-	441
9050	Misc. Customer Account Exp	-	-	-	-	-	-	-	-	-	-	-
	Subtotal Customer Accounting	-	-	-	-	-	-	-	(32)	64,201	-	441
	Cust. Service & Information Expense											
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	3,670,700
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	227,927
	Subtotal 906-909	1,374,058	657,943	1,442,963	1,645,944	3,035,241	2,926,320	2,818,823	3,576,344	2,390,023	5,961,605	3,898,627

12 2018				
December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
50,114	819,730	-	26,625	846,356
1,111,188	12,536,159	-	427,645	12,963,804
7,112,019	84,708,974	-	564,333	85,273,307
1,157,016	12,990,399	-	227,689	13,218,088
999,267	4,970,048	-	-	4,970,048
407,901	3,727,377	-	44,326	3,771,703
564,826	7,758,421	-	1,705	7,760,126
397,207	2,052,528	-	(1,962)	2,050,567
11,799,537	129,563,636	-	1,290,361	130,853,998
243,344	5,521,333	-	6,199	5,527,532
-	-	-	-	
243,344	5,521,333	-	6,199	5,527,532
25,519,953	270,278,561	-	7,717,970	277,996,531
123,479	1,494,852	-	4,355	1,499,207
2,972,199	31,249,862	-	490,527	31,740,389
3,095,678	32,744,714	-	494,882	33,239,596
-	-	-	-	-
-	64,611	-	523,182	587,792
-	-	-	-	-
-	64,611	-	523,182	587,792
-	-	-	-	-
7,479,414	33,734,464	-	(30,684,324)	3,050,140
440,749	3,913,591	-	260,231	4,173,822
7,920,163	37,648,055	-	(30,424,093)	7,223,961

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Source. SAP Data

FERC Account	Description	001/2018 January	002/2018 February	003/2018 March	004/2018 April	005/2018 May	006/2018 June	007/2018 July	008/2018 August	009/2018 September	10 2018 October	11 2018 November
9070	Supervision	21.476	6.150	18.714	24,977	47.118	42.072	40 635	57.455	40.335	114.369	67.188
9100	Misc Cust Service & Inform	50.256	14,000	1.284	11,000	159	7,500	7.200	107	31.000	395	105.440
	Subtotal 907 & 910	71,732	20,150	19,998	35,977	47,277	49,572	47,835	57,562	71,335	114,764	172,628
TOTAL-CUSTOMER SERVICE & INFO.		3,759,510	3,305,384	4,134,188	4,503,508	5,611,759	5,861,767	5,741,894	6,529,346	5,421,275	8,847,121	6,434,617
	Sales Expense											
9120	Demonstrating & Selling Exp	-	-	-	-	-	-	-	-	-	-	-
9130	Advertising Exp.	-	-	-	-	-	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-	-	-	-	-	-	-
	Subtotal 912-917	-	-	-	-	-	-	-	-	-	-	-
9110	Supervision	-	-	-	-	-	-	-	-	-	-	-
9160	Misc Sales Exp	-	-	-	-	-	-	-	-	-	-	-
	Subtotal -Sales	-	-	-	-	-	-	-	-	-	-	-
TOTAL SALES EXPENSE		-	-	-	-	-	-	-	-	-	-	-
TOTAL O&M EXPENSE		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	102,417,918

12 2018 December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
147,008	627,497	-	(627,497)	-
94	228 435	-	(221,575)	6,861
147,102	855,932	-	(849,072)	6,861
11,162,943	71,313,312	-	(30,255,101)	41,058,210
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
105,082,794	1,185,509,339	-	(263,654,065)	921,855,274
Check	-			

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

WP II-D-1 Transportation Depreciation Study Adjustment
Test Year Ended December 31, 2018
DOCKET NUMBER PENDING ASSIGNMENT

Source: Trial Balance 2018 (exclude cost centers 101516 - EECRF, and profit center 1101215 - AMS)

G/L Account	702050
Profit Center	(Multiple Items)
Cost Center	(Multiple Items)

Row Labels	Test Year Expenses	FERC %	Adjustment	Adjusted Balance
5600	444,737.38	4 08%	(43,204.72)	401,532.66
5612	2,004 52	0 02%	(194 73)	1,809.79
5614	1,095 48	0 01%	(106 42)	989.06
5620	81,788.06	0 75%	(7,945 43)	73,842 63
5630	257,507.79	2 36%	(25,016 00)	232,491 79
5660	473,136 73	4 34%	(45,963.61)	427,173.12
5690	120,855 83	1.11%	(11,740.73)	109,115 10
5700	367,636 29	3 37%	(35,714 61)	331,921 68
5710	600,851.02	5.51%	(58,370.62)	542,480 40
5730	3,386.64	0 03%	(329 00)	3,057 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%	(71,856 53)	667,814 66
5840	955,418.93	8.77%	(92,815.68)	862,603.25
5850	1,926 98	0 02%	(187.20)	1,739.78
5860	1,023,469.20	9 39%	(99,426.53)	924,042 67
5870	209,352 53	1.92%	(20,337 88)	189,014 65
5880	665,564.28	6 11%	(64,657.29)	600,906 99
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 06)	386,535.75
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
5960	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	2,341.79	0 02%	(227 50)	2,114 29
9200	11,625.28	0.11%	(1,129 36)	10,495 92
9250	1,165.11	0.01%	(113.19)	1,051.92
9302	100,501.91	0.92%	(9,763.42)	90,738.49
CLRO	67,206.71	0 62%	(6,528.90)	60,677.81
CLRS	252,018.10	2.31%	(24,482 70)	227,535.40
CLRT	361,895.03	3.32%	(35,156 86)	326,738.17
Grand Total	**10,896,271.52**	100 00%	(1,058,535.51)	9,837,736 01
	10,896 27		(1,058 54)	9,837.74

WP II-D-1 Transportation Depreciation Study Adjustment
Test Year Ended December 31, 2018
DOCKET NUMBER PENDING ASSIGNMENT

Source. Trial Balance 2018 (exclude cost centers 101516 - EECRF, and profit center 1101215 - AMS)

G/L Account	702050
Profit Center	(Multiple Items)
Cost Center	(Multiple Items)

Row Labels	Test Year Expenses	FERC %	Adjustment	Adjusted Balance
From WP-II-E-1				
			WP II-E-1 Adj 1 Depreciation Study	
General Plant				
392.01	Transportation equipment		(1,226,166 47)	
396 01	Power Operated Equipment		167,630 96	
			(1,058,535.51)	

	Test Year	Adjustment	Adjusted Balance
Clearing	681,120	(66,168)	614,951
Ferc 5600-9302	10,215,152	(992,367)	9,222,785
	10,896,272	(1,058,536)	9,837,736
	-	-	-
	10,215 15	(992 37)	9,222 78

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	FERC Distribution %	(BOOKS) Actual 12 Months	Annualized	2018 Incr/Decr	Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment to CEHE	Adjusted Test Yr CEHE Portion
Executive Management			$ 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
	N/A	0 0%	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	4265	4 5%	$ 77,664	$ 83,020	$ 5,356	$ 1,868	33.9%	$ 26,296	$ 2,446	$ 28,742
Total Executive Management			$ 1,730,052	$ 1,849,359	$ 119,307	$ 41,611		$ 284,792	$ 26,489	$ 311,281
	Total	100 0%	$ -	$ -	$ -					
Communications										
			$ 2,852,920	$ 2,708,518	$ (144,402)					
	4265	0.001%	$ 40	$ 38	$ (2)	$ 1	105.7%	$ 43	$ (1)	$ 42
	N/A	0.0%	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	9302	61 7%	$ 1,761,243	$ 1,672,097	$ (89,146)	$ 37,622	51.6%	$ 908,926	$ (26,590)	$ 882,336
	4261	38.3%	$ 1,091,636	$ 1 036,383	$ (55,254)	$ 23,319	65.2%	$ 711,996	$ (20,829)	$ 691,167
Total Communications			$ 2,852,920	$ 2,708,518	$ (144,402)	$ 60,942		$ 1,620,964	$ (47,420)	$ 1,573,544
	Total	100.0%	$ -	$ -	$ -					
Business & Operations Support										
			$ 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
	9302	20 4%	$ 1,702,969	$ 1,742 506	$ 39,537	$ 39,206	65.6%	$ 1,117,905	$ 51,691	$ 1,169,595
	N/A	0 0%	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	5600	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5620	0.4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5630	0.4%	$ 31,053	$ 31,774	$ 721	$ 715	113 6%	$ 35,285	$ 1,632	$ 36,917
	5640	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5700	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113 6%	$ 35,285	$ 1,632	$ 36,917
	5710	0.7%	$ 62,106	$ 63,548	$ 1,442	$ 1,430	113.6%	$ 70,570	$ 3,263	$ 73,833
	5720	0.4%	$ 31,053	$ 31,774	$ 721	$ 715	113 6%	$ 35,285	$ 1,632	$ 36,917
	5800	0.4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5820	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5830	0.7%	$ 62 106	$ 63,548	$ 1,442	$ 1,430	113.6%	$ 70,570	$ 3,263	$ 73,833
	5840	0 7%	$ 62,106	$ 63,548	$ 1,442	$ 1,430	113 6%	$ 70,570	$ 3,263	$ 73,833
	5850	0.7%	$ 62,106	$ 63,548	$ 1,442	$ 1,430	113.6%	$ 70,570	$ 3,263	$ 73,833
	5860	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113 6%	$ 35,285	$ 1,632	$ 36,917
	5870	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5930	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	5970	0 4%	$ 31,053	$ 31,774	$ 721	$ 715	113.6%	$ 35,285	$ 1,632	$ 36,917
	CLRS	0 0%	$ (0)	$ (0)	$ (0)	$ (0)	0.0%	$ 0	$ 0	$ 0
	1070	1 0%	$ 85,963	$ 87,959	$ 1,996	$ 1,979	100 0%	$ 85,963	$ 3,975	$ 89,938
	9310	58 8%	$ 4,914,219	$ 5,028,310	$ 114,091	$ 113,137	100 0%	$ 4,914,219	$ 227,228	$ 5,141,447
	4265	0 0%	$ 1,311	$ 1,341	$ 30	$ 30	98.6%	$ 1,292	$ 60	$ 1,352
	9210	5 3%	$ 441,350	$ 451,596	$ 10,247	$ 10,161	57.8%	$ 254,994	$ 11,791	$ 266,784
Total Business & Operations Support			$ 8,363,893	$ 8,558,073	$ 194,180	$ 192,557		$ 7,343,889	$ 339,573	$ 7,683,462
	Total	100 0%	$ -	$ -	$ (0)					
Human Resources										

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Short Term Incentive (STI)

FERC	FERC Distribution %	A (BOOKS) Actual 12 Months	B Annualized (Annz $ * %)	C Target at 100% (B / 1.3)	D Annualized @ 3% for 9 Months (C * 3% * 9/12)	E STI @ Avg Achievement 122% (D * 1.22)	F CEHE % Tot Billings	G G (A * F) Test yr CEHE Portion	H (Adjustment Column) STI Adjustment to CEHE E * F	I G + H Adjusted Test Yr CEHE Portion
		$ 2,216,795	$ 3,907,772	$ 3,005,978	$ 67,635	$ 82,514				
9302	95.5%	$ 2,117,280	$ 3,732,346	$ 2,871,036	$ 64,598	$ 78,810	15.6%	$ 331,222	$ 12,329	$ 343,551
N/A	0 0%	$ -	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
4265	4 5%	$ 99,515	$ 175,425	$ 134,943	$ 3,036	$ 3,704	33 9%	$ 33,694	$ 1,254	$ 34,949
		$ 2,216,795	$ 3,907,772	$ 3,005,978	$ 67,635	$ 82,514		$ 364,917	$ 13,583	$ 378,500
		$ -	$ -	$ -	$ -	$ -				
		$ 489,037	$ 469,092	$ 360,840	$ 8,119	$ 9,905				
4265	0 0%	$ 7	$ 7	$ 5	$ 0	$ 0	105.7%	$ 7	$ 0	$ 7
N/A	0.0%	$ -	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
9302	61.7%	$ 301,906	$ 289,593	$ 222,764	$ 5,012	$ 6,115	51 6%	$ 155,805	$ 3,156	$ 158,960
4261	38 3%	$ 187,124	$ 179,493	$ 138,071	$ 3,107	$ 3,790	65 2%	$ 122,048	$ 2,472	$ 124,520
	100.0%	$ 489,037	$ 469,092	$ 360,840	$ 8,119	$ 9,905		$ 277,860	$ 5,628	$ 283,487
		$ -	$ -	$ -	$ -	$ -				
		$ 1,159,184	$ 1,195,851	$ 919,885	$ 20,697	$ 25,251				
9350	7 1%	$ 82,743	$ 85,360	$ 65,662	$ 1,477	$ 1,802	44.2%	$ 36,563	$ 796	$ 37,360
9302	20.4%	$ 236,021	$ 243,487	$ 187,297	$ 4,214	$ 5,141	65.6%	$ 154,935	$ 3,375	$ 158,310
N/A	0.0%	$ -	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
5600	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5620	0.4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5630	0.4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5640	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5700	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5710	0 7%	$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188	113.6%	$ 9,781	$ 213	$ 9,994
5720	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5800	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113.6%	$ 4,890	$ 107	$ 4,997
5820	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113.6%	$ 4,890	$ 107	$ 4,997
5830	0.7%	$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188	113 6%	$ 9,781	$ 213	$ 9,994
5840	0.7%	$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188	113 6%	$ 9,781	$ 213	$ 9,994
5850	0 7%	$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188	113 6%	$ 9,781	$ 213	$ 9,994
5860	0.4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5870	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5930	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113 6%	$ 4,890	$ 107	$ 4,997
5970	0 4%	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94	113.6%	$ 4,890	$ 107	$ 4,997
CLRS	0 0%	$ (0)	$ (0)	$ (0)	$ (0)	$ (0)	0 0%	$ 0	$ 0	$ 0
1070	1 0%	$ 11,914	$ 12,291	$ 9,454	$ 213	$ 260	100.0%	$ 11,914	$ 260	$ 12,174
9310	58 8%	$ 681,080	$ 702,624	$ 540,480	$ 12,161	$ 14,836	100 0%	$ 681,080	$ 14,836	$ 695,916
4265	0 0%	$ 182	$ 187	$ 144	$ 3	$ 4	98 6%	$ 179	$ 4	$ 183
9210	5.3%	$ 61,168	$ 63,103	$ 48,541	$ 1,092	$ 1,332	57 8%	$ 35,341	$ 770	$ 36,110
	100 0%	$ 1,159,184	$ 1,195,851	$ 919,885	$ 20,697	$ 25,251		$ 1,017,817	$ 22,171	$ 1,039,989
		$ -	$ -	$ -	$ -	$ -				

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 Distribution	(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion
			$ 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
	4265	0 0%	$ 731	$ 779	$ 48	$ 18	54.3%	$ 397	$ 36	$ 432
	5930	0 8%	$ 58,268	$ 62,084	$ 3,817	$ 1,397	100 0%	$ 58,268	$ 5,214	$ 63,481
	N/A	0.0%	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
Total Human Resources			$ 7,419,372	$ 7,905,358	$ 485,986	$ 177,871		$ 3,386,970	$ 303,053	$ 3,690,023
	Total	100 0%	$ -	$ -	$ -					

	Short Term Incentive (STI)								Adjustment Column	
		A	B	C	D	E	F	G	H	I
						STI @ Avg Achievement 122%			STI Adjustment to CEHE	
			Annualized	Target at 100%	Annualized @ 3% for 9 Months		CEHE %			
	FERC Distribution	(BOOKS)	(Annz $ * %)	(B / 1.3)	(C * 3% * 9/12)	(D * 1.22)	Tot Billings	G (A * F) Test yr	E * F	G + H Adjusted Test Yr
		$ 1,481,701	$ 1,568,015	$ 1,206,166	$ 27,139	$ 33,109				
9302	99.2%	$ 1,469,919	$ 1,555,546	$ 1,196,574	$ 26,923	$ 32,846	45 2%	$ 664,686	$ 14,853	$ 679,539
4265	0 0%	$ 146	$ 155	$ 119	$ 3	$ 3	54 3%	$ 79	$ 2	$ 81
5930	0.8%	$ 11,636	$ 12,314	$ 9,473	$ 213	$ 260	100 0%	$ 11,636	$ 260	$ 11,896
N/A	0.0%	$ -	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
	100 0%	$ 1,481,701	$ 1,568,015	$ 1,206,166	$ 27,139	$ 33,109		$ 676,402	$ 15,114	$ 691,516
		$ -	$ -	$ -	$ -	$ -				

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 Distribution	(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion
Legal										
			$ 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
	4264	0.0%	$ 576	$ 589	$ 12	$ 13	100.0%	$ 576	$ 26	$ 602
	5930	0.0%	$ 1,334	$ 1,363	$ 29	$ 31	100.0%	$ 1,334	$ 59	$ 1,394
	4265	0.0%	$ 2,156	$ 2,203	$ 46	$ 50	53.3%	$ 1,149	$ 51	$ 1,200
	1823	3.5%	$ 348,287	$ 355,789	$ 7,502	$ 8,005	100.0%	$ 348,287	$ 15,507	$ 363,794
	1810	0.5%	$ 45,278	$ 46,254	$ 975	$ 1,041	100.0%	$ 45,278	$ 2,016	$ 47,294
	1070	2.7%	$ 265,494	$ 271,213	$ 5,719	$ 6,102	100.0%	$ 265,494	$ 11,821	$ 277,315
	N/A	0.0%	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
Total Legal			$ 9,853,573	$ 10,065,820	$ 212,246	$ 226,481		$ 4,313,749	$ 192,068	$ 4,505,817
	Total	100.0%	$ -	$ -	$ (0)					
Finance										
			$ 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
	4265	0.2%	$ 36,800	$ 37,314	$ 514	$ 840	54.3%	$ 19,966	$ 735	$ 20,701
	9030	0.4%	$ 93,773	$ 95,083	$ 1,311	$ 2,139	6.2%	$ 5,808	$ 214	$ 6,021
	5860	0.0%	$ 10,742	$ 10,892	$ 150	$ 245	100.0%	$ 10,742	$ 395	$ 11,137
	5600	0.0%	$ 51	$ 52	$ 1	$ 1	100.0%	$ 51	$ 2	$ 53
	5800	0.0%	$ 376	$ 381	$ 5	$ 9	100.0%	$ 376	$ 14	$ 390
	1810	2.7%	$ 634,276	$ 643,141	$ 8,864	$ 14,471	100.0%	$ 634,276	$ 23,335	$ 657,611
	1823	1.3%	$ 303,601	$ 307,844	$ 4,243	$ 6,926	100.0%	$ 303,601	$ 11,169	$ 314,771
	9302	93.9%	$ 22,475,755	$ 22,789,865	$ 314,110	$ 512,772	36.6%	$ 8,218,430	$ 302,355	$ 8,520,785
	N/A	0.0%	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
Total Finance			$ 23,932,736	$ 24,267,207	$ 334,472	$ 546,012		$ 9,370,628	$ 344,745	$ 9,715,372
	Total	100.0%	$ -	$ -	$ (0)					
Regulatory & Govt Affairs										
			$ 7,050,486	$ 7,262,539	$ 212,054					
	4264	49.8%	$ 3,514,385	$ 3,620,085	$ 105,700	$ 81,452	71.9%	$ 2,526,884	$ 134,565	$ 2,661,449
	4261	0.0%	$ 830	$ 855	$ 25	$ 19	52.6%	$ 437	$ 23	$ 460
	4265	0.0%	$ 519	$ 534	$ 16	$ 12	35.2%	$ 183	$ 10	$ 193
	9302	50.8%	$ 3,582,630	$ 3,690,383	$ 107,753	$ 83,034	56.9%	$ 2,039,045	$ 108,586	$ 2,147,631
	1823	-0.7%	$ (47,877)	$ (49,317)	$ (1,440)	$ (1,110)	100.0%	$ (47,877)	$ (2,550)	$ (50,427)
	N/A	0.0%	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
Total Regulatory & Govt Affairs			$ 7,050,486	$ 7,262,539	$ 212,054	$ 163,407		$ 4,518,671	$ 240,634	$ 4,759,305
	Total	100.0%	$ -	$ -	-					
Environmental Safety & Training										
			$ 1,018,295	$ 1,802,549	$ 784,254					
	4265	0%	$ 1,246	$ 2,205	$ 960	$ 50	42.1%	$ 524	$ 425	$ 949
	9302	100%	$ 1,017,049	$ 1,800,343	$ 783,294	$ 40,508	40.3%	$ 409,753	$ 331,897	$ 741,651
	N/A	0%	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
Total Environmental Safety & Training			$ 1,018,295	$ 1,802,549	$ 784,254	$ 40,557		$ 410,278	$ 332,322	$ 742,600

									Adjustment Column	
Short Term Incentive (STI)										
		A	B	C	D	E	F	G	H	I
						STI @ Avg Achievement 122%			STI Adjustment to CEHE	
			Annualized	Target at 100%	Annualized @ 3% for 9 Months		CEHE %			
FERC			(Annz $ * %)	(B / 1.3)	(C * 3% * 9/12)	(D * 1.22)	Tot Billings	G (A * F)	E * F	G + H
	Distribution	(BOOKS)						Test yr		Adjusted Test Yr
		$ 2,451,013	$ 2,374,754	$ 1,826,734	$ 41,102	$ 50,144				
9302	93 3%	$ 2,286,065	$ 2,214,938	$ 1,703,798	$ 38,335	$ 46,769	39 7%	$ 908,320	$ 18,583	$ 926,902
4264	0 0%	$ 143	$ 139	$ 107	$ 2	$ 3	100 0%	$ 143	$ 3	$ 146
5930	0 0%	$ 332	$ 322	$ 247	$ 6	$ 7	100 0%	$ 332	$ 7	$ 339
4265	0.0%	$ 536	$ 520	$ 400	$ 9	$ 11	53.3%	$ 286	$ 6	$ 292
1823	3.5%	$ 86,634	$ 83,939	$ 64,568	$ 1,453	$ 1,772	100 0%	$ 86,634	$ 1,772	$ 88,406
1810	0.5%	$ 11,263	$ 10,912	$ 8,394	$ 189	$ 230	100.0%	$ 11,263	$ 230	$ 11,493
1070	2.7%	$ 66,040	$ 63,985	$ 49,219	$ 1,107	$ 1,351	100 0%	$ 66,040	$ 1,351	$ 67,391
N/A	0.0%	$ -	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	100.0%	$ 2,451,013	$ 2,374,754	$ 1,826,734	$ 41,102	$ 50,144		$ 1,073,017	$ 21,952	$ 1,094,970
		$ -	$ -	$ -	$ -	$ -				
		$ 4,339,722	$ 4,275,561	$ 3,288,893	$ 74,000	$ 90,280				
1070	1 6%	$ 68,427	$ 67,415	$ 51,858	$ 1,167	$ 1,423	47 0%	$ 32,164	$ 669	$ 32,833
4265	0 2%	$ 6,673	$ 6,574	$ 5,057	$ 114	$ 139	54.3%	$ 3 621	$ 75	$ 3,696
9030	0 4%	$ 17,004	$ 16,752	$ 12,886	$ 290	$ 354	6 2%	$ 1,053	$ 22	$ 1,075
5860	0.0%	$ 1,948	$ 1,919	$ 1,476	$ 33	$ 41	100 0%	$ 1,948	$ 41	$ 1,988
5600	0 0%	$ 9	$ 9	$ 7	$ 0	$ 0	100 0%	$ 9	$ 0	$ 9
5800	0 0%	$ 68	$ 67	$ 52	$ 1	$ 1	100 0%	$ 68	$ 1	$ 70
1810	2.7%	$ 115,013	$ 113,313	$ 87,164	$ 1 961	$ 2,393	100.0%	$ 115,013	$ 2,393	$ 117,406
1823	1 3%	$ 55 052	$ 54,238	$ 41,722	$ 939	$ 1,145	100.0%	$ 55,052	$ 1,145	$ 56,197
9302	93.9%	$ 4,075,528	$ 4,015,273	$ 3,088,671	$ 69,495	$ 84,784	36 6%	$ 1,490,248	$ 31,002	$ 1,521,250
N/A	0 0%	$ -	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	100.0%	$ 4,339,722	$ 4,275,561	$ 3,288,893	$ 74,000	$ 90,280		$ 1,699,176	$ 35,348	$ 1,734,524
		$ -	$ -	$ -	$ -	$ -				
		$ 1,593,992	$ 1,627,981	$ 1,252,293	$ 28,177	$ 34,375				
4264	49 8%	$ 794,541	$ 811,483	$ 624,218	$ 14,045	$ 17,135	71 9%	$ 571,284	$ 12,320	$ 583,605
4261	0 0%	$ 188	$ 192	$ 147	$ 3	$ 4	52.6%	$ 99	$ 2	$ 101
4265	0 0%	$ 117	$ 120	$ 92	$ 2	$ 3	35.2%	$ 41	$ 1	$ 42
9302	50 8%	$ 809,970	$ 827,242	$ 636,340	$ 14,318	$ 17,468	56 9%	$ 460,993	$ 9,942	$ 470,934
1823	-0.7%	$ (10,824)	$ (11,055)	$ (8,504)	$ (191)	$ (233)	100 0%	$ (10,824)	$ (233)	$ (11,058)
N/A	0 0%	$ -	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	100 0%	$ 1,593,992	$ 1,627,981	$ 1,252,293	$ 28,177	$ 34,375		$ 1,021,593	$ 22,031	$ 1,043,624
		$ -	$ -	$ -	$ -	$ -				
		$ 203,333	$ 310 194	$ 238,611	$ 5,369	$ 6,550				
4265	0.1%	$ 249	$ 380	$ 292	$ 7	$ 8	42.1%	$ 105	$ 3	$ 108
9302	99.9%	$ 203,085	$ 309,815	$ 238,319	$ 5,362	$ 6,542	40.3%	$ 81,820	$ 2,636	$ 84,455
N/A	0 0%	$ -	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
	100 0%	$ 203,333	$ 310,194	$ 238,611	$ 5,369	$ 6,550		$ 81,924	$ 2,639	$ 84,563

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 Distribution	(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion
	Total	100 0%	$ -	$ -	$ -					
Regulated Operations Mgmt										
			$ 32,800,660	$ 33,299,557	$ 498,897					
	9302	28 0%	$ 9,197,437	$ 9,337,330	$ 139,893	$ 210,090	59 6%	$ 5,478,613	$ 208,473	$ 5,687,087
	4265	0 0%	$ 12,819	$ 13,014	$ 195	$ 293	21 4%	$ 2,738	$ 104	$ 2,843
	9030	43 4%	$ 14,232,646	$ 14,449,124	$ 216,478	$ 325,105	19 7%	$ 2,798,649	$ 106,495	$ 2,905,143
	9250	9.5%	$ 3,120,018	$ 3,167,473	$ 47,455	$ 71,268	57 9%	$ 1,805,000	$ 68,684	$ 1,873,684
-	9080	0 0%	$ 5,302	$ 5,382	$ 81	$ 121	100.0%	$ 5,302	$ 202	$ 5,504
	9090	16 7%	$ 5,467,133	$ 5,550,288	$ 83,155	$ 124,881	36 5%	$ 1,993,455	$ 75,855	$ 2,069,310
	1070	2 3%	$ 765,304	$ 776,945	$ 11,640	$ 17,481	100.0%	$ 765,304	$ 29,122	$ 794,426
Total Reg Ops Mgmt - NonUnion			$ 32,800,660	$ 33,299,557	$ 498,897	$ 749,240		$ 12,849,061	$ 488,935	$ 13,337,996
	Total	100.0%	$ -	$ -	$ (0)					

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

		A	B	C	D	E	F	G	H	I
		Short Term Incentive (STI)							Adjustment Column	
						STI @ Avg Achievement 122%			STI Adjustment to CEHE	
			Annualized	Target at 100%	Annualized @ 3% for 9 Months		CEHE %			
FERC			(Annz $ * %)	(B / 1.3)	(C * 3% * 9/12)	(D * 1.22)	Tot Billings	G (A * F)	E * F	G + H
	Distribution	(BOOKS)						Test yr		Adjusted Test Yr
		$ -	$ -	$ -	$ -	$ -				
		$ 4,325,396	$ 4,477,239	$ 3,444,030	$ 77,491	$ 94,539				
9302	28.0%	$ 1,212,858	$ 1,255 436	$ 965,720	$ 21,729	$ 26,509	59 6%	$ 722,460	$ 15,791	$ 738,251
4265	0 0%	$ 1,690	$ 1,750	$ 1,346	$ 30	$ 37	21.4%	$ 361	$ 8	$ 369
9030	43.4%	$ 1,876,847	$ 1,942,734	$ 1,494,411	$ 33,624	$ 41,022	19.7%	$ 369,055	$ 8,066	$ 377,122
9250	9 5%	$ 411,434	$ 425,878	$ 327,598	$ 7,371	$ 8,993	57.9%	$ 238,024	$ 5,202	$ 243,226
9080	0 0%	$ 699	$ 724	$ 557	$ 13	$ 15	100 0%	$ 699	$ 15	$ 714
9090	16 7%	$ 720,946	$ 746,255	$ 574,042	$ 12,916	$ 15,757	36.5%	$ 262,875	$ 5,746	$ 268,621
1070	2 3%	$ 100,920	$ 104,463	$ 80,356	$ 1,808	$ 2,206	100.0%	$ 100,920	$ 2,206	$ 103,126
	100.0%	$ 4,325,396	$ 4,477,239	$ 3,444,030	$ 77,491	$ 94,539		$ 1,694,395	$ 37,034	$ 1,731,429
		$ -	$ -	$ -	$ -	$		-		

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CPA Adjustment - Support Schedule for VK6 - Workpaper CW1

	LABOR								Adjustment Column	
FUNCTIONAL AREA	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)
		FERC Distribution	(BOOKS)			Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion
	UNION		$ 5,360,931	$ 6,302,726	$ 941,795					
	9302	28.0%	$ 1,503,227	$ 1,767,310	$ 264,083	$ 30,928	59 6%	$ 895,423	$ 175,728	$ 1,071,152
	4265	0.0%	$ 2,095	$ 2,463	$ 368	$ 43	21 4%	$ 448	$ 88	$ 535
	9030	43 4%	$ 2,326,180	$ 2,734,837	$ 408,658	$ 47,860	19 7%	$ 457,410	$ 89,768	$ 547,178
	9250	9.5%	$ 509,935	$ 599,519	$ 89,584	$ 10,492	57 9%	$ 295,009	$ 57,896	$ 352,905
	9080	0.0%	$ 867	$ 1,019	$ 152	$ 18	57 9%	$ 501	$ 98	$ 600
	9090	16.7%	$ 893,547	$ 1,050,523	$ 156,976	$ 18,384	100.0%	$ 893,547	$ 175,360	$ 1,068,907
	1070	2.3%	$ 125,081	$ 147,055	$ 21,974	$ 2,573	36 5%	$ 45,608	$ 8,951	$ 54,558
Total Reg Ops Mgmt - Union			$ 5,360,931	$ 6,302,726	$ 941,795	$ 110,298		$ 2,587,946	$ 507,889	$ 3,095,835
	Total	100.0%	$ -	$ -	$ -					
Total Regulated Operations Mgmt			$ 38,161,591	$ 39,602,284	$ 1,440,692	$ 859,538		$ 15,437,007	$ 996,824	$ 16,433,831
Technology Operations										
			$ 35,058,854	$ 36,062,539	$ 1,003,685					
	N/A	0.0%	$ -	$ -	$ -	$ -	0 0%	$ -	$ -	$ -
	9302	21.7%	$ 7,591,351	$ 7,808,680	$ 217,330	$ 175,695	52 1%	$ 3,953,918	$ 204,705	$ 4,158,623
	4265	0 0%	$ 202	$ 207	$ 6	$ 5	64 7%	$ 131	$ 7	$ 137
	9020	0.5%	$ 182,103	$ 187,316	$ 5,213	$ 4,215	47 1%	$ 85,754	$ 4,440	$ 90,194
	5930	0 0%	$ (145)	$ (149)	$ (4)	$ (3)	100 0%	$ (145)	$ (7)	$ (152)
	5600	7 1%	$ 2,488,462	$ 2,559,703	$ 71,241	$ 57,593	100 0%	$ 2,488,462	$ 128,834	$ 2,617,297
	5800	30.9%	$ 10,831,159	$ 11,141,239	$ 310,081	$ 250,678	100.0%	$ 10,831,159	$ 560,758	$ 11,391,917
	9030	9 1%	$ 3 205,073	$ 3,296,830	$ 91,757	$ 74,179	100 0%	$ 3,205,073	$ 165,935	$ 3,371,008
	1070	30.7%	$ 10,760,649	$ 11,068,711	$ 308,062	$ 249,046	100 0%	$ 10,760,649	$ 557,108	$ 11,317,757
Total Technology Operations			$ 35,058,854	$ 36,062,539	$ 1,003,685	$ 811,407		$ 31,325,001	$ 1,621,780	$ 32,946,781
	Total	100 0%	$ -	$ -	$ (0)					
Grand Total - All Functions			$ 135,441,772	$ 140,084,245	$ 4,642,473	$ 3,120,382		$ 78,011,949	$ 4,350,068	$ 82,362,017
Total by FERC:										
1070			$ 12,379,853	$ 12,734,517	$ 354,665	$ 285,791		$ 12,100,395	$ 617,502	$ 12,717,897
1810			$ 679,555	$ 689,395	$ 9,840	$ 15,511		$ 679,555	$ 25,351	$ 704,906
1823			$ 604,010	$ 614,316	$ 10,305	$ 13,822		$ 604,010	$ 24,127	$ 628,138
4261			$ 1,092,466	$ 1,037,237	$ (55,229)	$ 23,338		$ 712,432	$ (20,806)	$ 691,627
4264			$ 3,514,961	$ 3,620,674	$ 105,713	$ 81,465		$ 2,527,460	$ 134,590	$ 2,662,051
4265			$ 135,584	$ 143,120	$ 7,537	$ 3,208		$ 53,167	$ 3,959	$ 57,125
5600			$ 2,519,567	$ 2,591,529	$ 71,963	$ 58,309		$ 2,523,798	$ 130,468	$ 2,654,266
5620			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5630			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5640			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5700			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5710			$ 62,106	$ 63,548	$ 1,442	$ 1,430		$ 70,570	$ 3,263	$ 73,833
5720			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5800			$ 10,862,588	$ 11,173,395	$ 310,807	$ 251,401		$ 10,866,820	$ 562,404	$ 11,429,224
5820			$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
5830			$ 62,106	$ 63,548	$ 1,442	$ 1,430		$ 70,570	$ 3,263	$ 73,833
5840			$ 62,106	$ 63,548	$ 1,442	$ 1,430		$ 70,570	$ 3,263	$ 73,833

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									Adjustment Column	
		Short Term Incentive (STI)								
		A	B	C	D	E	F	G	H	I
						STI @ Avg Achievement 122%			STI Adjustment to CEHE	
			Annualized	Target at 100%	Annualized @ 3% for 9 Months		CEHE %			
FERC			(Annz $ * %)	(B / 1.3)	(C * 3% * 9/12)	(D * 1.22)	Tot Billings	G (A * F)	E * F	G + H
	Distribution	(BOOKS)						Test yr		Adjusted Test Yr
		$ 242,016	$ 232,505	$ 178,850	$ 3,130	$ 3,818				
9302	28.0%	$ 67,862	$ 65,195	$ 50,150	$ 878	$ 1,071	59.6%	$ 40,423	$ 638	$ 41,061
4265	0.0%	$ 95	$ 91	$ 70	$ 1	$ 1	21.4%	$ 20	$ 0	$ 21
9030	43.4%	$ 105,014	$ 100,887	$ 77,605	$ 1,358	$ 1,657	19.7%	$ 20,650	$ 326	$ 20,975
9250	9.5%	$ 23,021	$ 22,116	$ 17,012	$ 298	$ 363	57.9%	$ 13,318	$ 210	$ 13,528
9080	0.0%	$ 39	$ 38	$ 29	$ 1	$ 1	57.9%	$ 23	$ 0	$ 23
9090	16.7%	$ 40,339	$ 38,753	$ 29,810	$ 522	$ 636	100.0%	$ 40,339	$ 636	$ 40,975
1070	2.3%	$ 5,647	$ 5,425	$ 4,173	$ 73	$ 89	36.5%	$ 2,059	$ 32	$ 2,091
	100.0%	$ 242,016	$ 232,505	$ 178,850	$ 3,130	$ 3,818		$ 116,831	$ 1,843	$ 118,674
		$ -	$ -	$ -	$ -	$ -				
		$ 4,567,411	$ 4,709,744	$ 3,622,880	$ 80,621	$ 98,357		$ 1,811,226	$ 38,877	$ 1,850,103
		$ 4,338,902	$ 4,454,317	$ 3,426,398	$ 77,094	$ 94,055				
N/A	0.0%	$ -	$ -	$ -	$ -	$ -	0.0%	$ -	$ -	$ -
9302	21.7%	$ 939,509	$ 964,501	$ 741,924	$ 16,693	$ 20,366	52.1%	$ 489,339	$ 10,607	$ 499,946
4265	0.0%	$ 25	$ 26	$ 20	$ 0	$ 1	64.7%	$ 16	$ 0	$ 17
9020	0.5%	$ 22,537	$ 23,137	$ 17,797	$ 400	$ 489	47.1%	$ 10,613	$ 230	$ 10,843
5930	0.0%	$ (18)	$ (18)	$ (14)	$ (0)	$ (0)	100.0%	$ (18)	$ (0)	$ (18)
5600	7.1%	$ 307,973	$ 316,165	$ 243,204	$ 5,472	$ 6,676	100.0%	$ 307,973	$ 6,676	$ 314,649
5800	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
9030	9.1%	$ 396,661	$ 407,213	$ 313,241	$ 7,048	$ 8,598	100.0%	$ 396,661	$ 8,598	$ 405,260
1070	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
		$ 4,338,902	$ 4,454,317	$ 3,426,398	$ 77,094	$ 94,055		$ 3,876,798	$ 84,038	$ 3,960,836
		$ -	$ -	$ -	$ -	$ -				
		$ 22,841,090	$ 24,893,281	$ 19,148,678	$ 429,951	$ 524,540		$ 11,900,730	$ 261,382	$ 12,162,112
Total by FERC:										
1070		$ 1,584,691	$ 1,620,747	$ 1,246,728	$ 28,031	$ 34,197		$ 1,544,840	$ 33,386	$ 1,578,226
1810		$ 126,276	$ 124,225	$ 95,558	$ 2,150	$ 2,623		$ 126,276	$ 2,623	$ 128,899
1823		$ 130,862	$ 127,122	$ 97,786	$ 2,200	$ 2,684		$ 130,862	$ 2,684	$ 133,546
4261		$ 187,312	$ 179,684	$ 138,219	$ 3,110	$ 3,794		$ 122,146	$ 2,474	$ 124,620
4264		$ 794,684	$ 811,622	$ 624,325	$ 14,047	$ 17,138		$ 571,428	$ 12,323	$ 583,751
4265		$ 109,235	$ 185,233	$ 142,487	$ 3,206	$ 3,911		$ 38,410	$ 1,354	$ 39,764
5600		$ 312,286	$ 320,615	$ 246,627	$ 5,549	$ 6,770		$ 312,873	$ 6,783	$ 319,656
5620		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5630		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5640		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5700		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5710		$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188		$ 9,781	$ 213	$ 9,994
5720		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5800		$ 1,344,842	$ 1,380,634	$ 1,062,026	$ 23,896	$ 29,153		$ 1,345,428	$ 29,165	$ 1,374,594
5820		$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5830		$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188		$ 9,781	$ 213	$ 9,994
5840		$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188		$ 9,781	$ 213	$ 9,994

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

CPA Adjustment - Support Schedule for VK6 - Workpaper CW1

FUNCTIONAL AREA	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)
		LABOR							Adjustment Column	
	FERC Distribution	(BOOKS)				Annualized Labor @ 3%	CEHE % Tot Billings	Test yr CEHE Portion	2018 & 2019 Adjustment	Adjusted Test Yr CEHE Portion
	5850		$ 62,106	$ 63,548	$ 1,442	$ 1,430		$ 70,570	$ 3,263	$ 73,833
	5860		$ 41,795	$ 42,666	$ 871	$ 960		$ 46,027	$ 2,027	$ 48,054
	5870		$ 31,053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
	5930		$ 90,510	$ 95,072	$ 4,562	$ 2,139		$ 94,742	$ 6,897	$ 101,639
	5970		$ 31 053	$ 31,774	$ 721	$ 715		$ 35,285	$ 1,632	$ 36,917
	9020		$ 182,103	$ 187,316	$ 5,213	$ 4,215		$ 85,754	$ 4,440	$ 90,194
	9030		$ 19,857,672	$ 20,575,875	$ 718,203	$ 449,283		$ 6,466,940	$ 362,411	$ 6,829,351
	9080		$ 6,168	$ 6,401	$ 233	$ 139		$ 5,803	$ 300	$ 6,103
	9090		$ 6,360,680	$ 6,600,811	$ 240,131	$ 143,266		$ 2,887,001	$ 251,216	$ 3,138,217
	9210		$ 441,350	$ 451,596	$ 10,247	$ 10,161		$ 254,994	$ 11,791	$ 266,784
	9250		$ 3,629,953	$ 3 766,992	$ 137,040	$ 81,760		$ 2,100,008	$ 126,580	$ 2,226,589
	9302		$ 67,034,869	$ 69,605,757	$ 2,570,888	$ 1,557,293		$ 30,260,445	$ 1,841,281	$ 32,101,726
	9310		$ 4,914,219	$ 5,028,310	$ 114,091	$ 113,137		$ 4,914,219	$ 227,228	$ 5,141,447
	9350		$ 597,016	$ 610,877	$ 13,861	$ 13,745		$ 263,815	$ 12,198	$ 276,013
	CLRS		$ (0)	$ (0)	$ (0)	$ (0)		$ 0	$ 0	$ 0
	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

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

	A	B	C	D	E	F	G	H	I
	Short Term Incentive (STI)							Adjustment Column	
					STI @ Avg Achievement 122%			STI Adjustment to CEHE	
		Annualized	Target at 100%	Annualized @ 3% for 9 Months		CEHE %			
FERC		(Annz $ * %)	(B / 1.3)	(C * 3% * 9/12)	(D * 1.22)	Tot Billings	G (A * F)	E * F	G + H
Distribution	(BOOKS)						Test yr		Adjusted Test Yr
5850	$ 8,608	$ 8,880	$ 6,831	$ 154	$ 188		$ 9,781	$ 213	$ 9,994
5860	$ 6,252	$ 6,359	$ 4,892	$ 110	$ 134		$ 6,838	$ 147	$ 6,985
5870	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
5930	$ 16,254	$ 17,057	$ 13,121	$ 295	$ 360		$ 16,841	$ 373	$ 17,214
5970	$ 4,304	$ 4,440	$ 3,415	$ 77	$ 94		$ 4,890	$ 107	$ 4,997
9020	$ 22,537	$ 23,137	$ 17,797	$ 400	$ 489		$ 10,613	$ 230	$ 10,843
9030	$ 2,395,526	$ 2,467,586	$ 1,898,143	$ 42,320	$ 51,631		$ 787,420	$ 17,012	$ 804,432
9080	$ 738	$ 761	$ 586	$ 13	$ 16		$ 722	$ 16	$ 737
9090	$ 761,285	$ 785,008	$ 603,853	$ 13,438	$ 16,394		$ 303,214	$ 6,382	$ 309,596
9210	$ 61,168	$ 63,103	$ 48,541	$ 1,092	$ 1,332		$ 35,341	$ 770	$ 36,110
9250	$ 434,455	$ 447,994	$ 344,610	$ 7,669	$ 9,356		$ 251,342	$ 5,413	$ 256,754
9302	$ 13,720,002	$ 15,473,371	$ 11,902,593	$ 267,558	$ 326,420		$ 5,500,249	$ 122,910	$ 5,623,159
9310	$ 681,080	$ 702,624	$ 540,480	$ 12,161	$ 14,836		$ 681,080	$ 14,836	$ 695,916
9350	$ 82,743	$ 85,360	$ 65,662	$ 1,477	$ 1,802		$ 36,563	$ 796	$ 37,360
CLRS	$ (0)	$ (0)	$ (0)	$ (0)	$ (0)		$ 0	$ 0	$ 0
N/A	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -
Grd Total By 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	
Co 62 Billing Errors	1070	12.40	**839.49**
	9310	16.91	
	9310	33.81	
	5960	16.12	
	5960	(81 43)	
	5930	175 23	
	5930	41.53	
	5930	711.15	
	5930	610 73	
Co 72 Billing Errors	5920	255 51	**1,779.56**
	1070	292.72	
	1070	292.72	
	1070	365.90	
Co 77 Billing Errors	1070	292.72	**1,244.06**
	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
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	
	5620	4.87	
	5620	0 72	
	5600	8 88	
	5600	15 88	
	5600	2 71	
	5600	4 87	
	5600	0.72	
	9302	692 62	
	9302	376 64	
	9302	81 92	
	5960	100 38	
	5960	118 82	
	5960	150.95	
	5960	86 45	
	5960	177 60	
	5940	517.80	
	5930	0.01	
	1070	450 60	
	1070	365.76	
	1070	30.25	
	1070	199 48	
	1070	129.32	
	1070	61.40	
	1070	693 18	
	1070	(636 37)	
	1070	(576 56)	
	1070	(29,538 67)	
	1070	(52.86)	
	1070	(29.19)	
Co 82 Billing Errors	1070	(0.01)	(18,834.47)
	5710	1 05	
	5660	0 75	
	5630	0.45	
Co 86 Billing Errors	5600	0.75	3.00
	5800	28,870.20	
Co 299 Billing Errors	5600	3,936 84	32,807.04
	5800	(4,023 92)	
Co 413 Billing Errors	5600	(548 72)	(4,572.64)
		13,266.04	13,266.04

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

From V-K-6				FERC
0002-CNP Service Co	Remove Service Co Storm Related Expenses from Test Year	$	(166,742)	5930
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 Electric Services	Labor Billings	$	4,573	
		$	(180,009)	

Affiliate EE Expense Adj		Employee Expense - Affiliates Allocated to CEHE		C		
	CEHE Portion Beginning Balance		Adjustment		(A + B) Adjusted Ending Balance	FERC
$	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	(24,993)
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	(168,539)
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

Source See attached file WP Employee Expense Adjustment.xlxs (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	(1,243.57)	(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 Annuarl 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 Pacesetter 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														
TOTAL EMP EXPENSES Expected	0 00	0 00	435.00	0 00	0.00	435.00	0.00	0.00	435 00	0.00	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 2 0													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 Unexpected 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	
TOTAL 545510 CONTRACT AND SERVICES Exp	**$ 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	
TOTAL 543010 CONTRACT AND SERVICES Exp	**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 CO00X to SO3 SSL Certificate Renewal 2018			4,500 00										4,500.00	
TOTAL 545160 CONTRACT AND SERVICES Exp	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	
TOTAL EXPENSES EXPECTED	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	
Totals													**3,565,312.00**	

Errata 1

FERC Account	Description	Total Company	Adjustments and Known Changes								
			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	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
Administrative & General Expenses											
9200	Admin. & General Salaries	2,370,686	-	(1,129)		-	60,279			(1,194)	
9210	Office Supplies	1,795,265	-	-		12,560	-			-	
9230	Outside Services	1,063,665	-	-		-	-			-	
9240	Property Insurance Exp	7,315,382	-	-		-	-		47,665	-	3,535,000
9250	Injuries & Damages	22,844,718	(2,967)	(113)		131,993	847,873			(389)	
9260	Pensions & Benefits	62,095,563	(539,658)	-	(6,076,967)	-	153,455	(8,855,779)	31,045	-	
9280	Regulatory Commission	73,821	-	-		-	-			-	
9301	Gen Advertising Exp	366,906	(243,641)	-		-	-			-	
9302	Mics General Expense	145,090,563	(22,612)	(9,763)	1,061,878	1,964,191	(1,585,288)	(181,271)	(256,574)	(16,162)	
9310	Rents	10,884,639	-	-		242,064	-			-	
9350	Maint. of General Plant	2,606,814	-	-		12,995	-			-	
TOTAL A&G EXPENSE		**256,508,021**	**(808,877)**	**(11,006)**	**(5,015,089)**	**2,363,803**	**(523,682)**	**(9,037,050)**	**(177,863)**	**(17,744)**	**3,535,000**
	Rounded to Thousands		(809)	(11)	(5,015)	2,364	(524)	(9,037)	(178)	(18)	3,535

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 Hurricane Harvey insurance proceeds
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

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	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
					-		57,956	2,428,641
					-		12,560	1,807,825
					-		-	1,063,665
					-		3,582,665	10,898,047
(348,388)		(2,945,349)			-		(2,317,340)	20,527,378
					-		(15,287,903)	46,807,660
	(73,821)				-		(73,821)	0
					-		(243,641)	123,265
			221,575	(813,886)	(1,151)	(8,474)	352,463	145,443,025
					(305)		241,759	11,126,398
					-		12,995	2,619,809
(348,388)	(73,821)	(2,945,349)	221,575	(813,886)	(1,456)	(8,474)	(13,662,307)	242,845,715
(348)	(74)	(2,945)	222	(814)	(1)	(8)		

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

Insurance Proceeds by FERC

CenterPoint Houston Property Insurance Proceeds History as of 12/31/2018

Proceeds Received Year		Insurance Proceeds	EQUIPMENT DAMAGED	LOCATION	Test Year FERC	FERC Description	Notes
2009 / 2010	$	20,385,277 00	HURRICANE IKE - VARIOUS	VARIOUS	N/A	N/A	Returned to ratepayers
2011	$	4,696,056 00	TRANSFORMER - ELECTRICAL	BELLAIRE #1	E36201	SUBSTATION EQUIPMENT (DISTRIBUTION)	Credited to order
2012	$	-					
2013	$	-					
2014	$	-					
2015	$	325,000 00	TRANSFORMER - ELECTRICAL	INTERCONTINENTAL SUBSTATION	E36201	SUBSTATION EQUIPMENT (DISTRIBUTION)	Credited to order
2016	$	-					
2017	$	2,700,000 00	TRANSFORMER- FAILURE	O'BRIEN SUBSTATION	E35301	SUBSTATION EQUIPMENT (TRANSMISSION)	Credited to order
2017 / 2018	$	26,399,420.78	VARIOUS THROUGHOUT GREATER HOUSTON AREA	VARIOUS THROUGHOUT GREATER HOUSTON AREA		See "Harvey" tab for proceeds breakout by FERC	
	$	41,448 20			E36201	SUBSTATION EQUIPMENT (DISTRIBUTION)	Credited to order
	$	325,368.36	TRANSFORMER- FAILURE	ULRICH SUBSTATION	1310	Cash	Reclassed to Plant in 2019
2018	$	47,665.43			9240	Maintenance General Plant	Reclassed to Plant in 2019
Total	$	54,920,235.77					

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
FERC Account	Description	January	February	March	April	May	June	July	August	September	October	November	December
Administrative & General Expenses													
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
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
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
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
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
9260	Pensions & Benefits	4,777,230	4,796,107	5,488,445	4,899,698	4,803,833	3,438,242	4,951,358	4,920,779	4,121,283	4,510,143	4,985,733	10,402,714
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
9301	Gen Advertising Exp	4,741	9,154	10,819	7,971	55,568	9,399	152,639	15,744	17,572	25,846	36,521	20,932
9302	Mics 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
9310	Rents	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	919,951	765,183
9350	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
TOTAL A&G EXPENSE BY MONTH		**18,366,565**	**19,063,028**	**21,063,219**	**20,209,122**	**19,927,624**	**19,180,678**	**20,419,977**	**20,419,269**	**25,010,475**	**20,741,414**	**17,180,526**	**34,926,123**
													check

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

Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
2,370,686	-	57,956	2,428,641
1,795,265	-	12,560	1,807,825
1,063,665	-	-	1,063,665
7,315,382	-	3,582,665	10,898,047
22,844,718	-	(2,317,340)	20,527,378
62,095,563	-	(15,287,903)	46,807,660
73,821	-	(73,821)	0
366,906	-	(243,641)	123,265
145,090,563	-	352,463	145,443,025
10,884,639	-	241,759	11,126,398
2,606,814	-	12,995	2,619,809
256,508,021	-	(13,662,307)	242,845,715
-			-

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

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
518011	Pension - Service Cost	1,794,541 26	364,450 31	1,039,407 31	1,033,732.35	1,056,676 35	1,161,942 71	1,048,328.55	1,012,446.33	960,280 74	1,117,617 43
718011	Pension - Non-Service Cost	968,840 05	2,486,875.16	1,715 780 06	1,712,716.26	1,725,103.31	1,781,934 69	1,720,596 48	1,701,224 32	1,673,061 07	1,758,004 28
518016	Pension NonQualified - Service Cost	1,063.89	373 36	441 01	437 40	452 00	518 99	446 69	423 86	390 66	490.78
718016	Pension NonQualified-NonService Cost	76,843 82	79,650.02	77,218 74	76,957.91	78,012 44	82,850 61	77,628 77	75,979 58	73,581 99	80,813 37
518020	Sal/Burden Exp-Medical	3,571,443 21	3,567,734 00	3,577,778 08	3,596,143.37	3,580,553.57	917,453.14	3,430,459 41	3,435,893 62	1,578,653 93	3,470,525.51
518032	PostRetirement - Service Cost	628,168 86	(288,234.88)	164,831 89	164,924 76	168,727.34	190,283.11	165,560.00	158,178.61	146,554.95	183,319.66
718032	Post Retirement-NonService Cost	175,857.19	1,097,358 70	639,131 40	639,771 55	637,183 42	625,309.18	638,125.07	642,172.65	648,057 03	630,309.16
518070	Sal/Burden Exp-Savings	957,075 18	1,325,134 30	2,550,513 00	1,236,926.50	1,228,120.82	1,293,859 52	1,629,763 44	1,279,678 68	1,277,446 67	1,274,391 26
518090	Sal/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
518161	Split Doll Life Insu										(35,745 96)
518164	Performance Shares and Units										
518165	Other Equity Awards										
518166	Deferred Comp Plan - Service Cost	26,250.00									
718033	PostRet Split$ Life	4,833,34	(132 65)								
718166	Deferred Comp Plan - NonService Cost	29,167 00									
521989	Sal/Burden Exp-Non-exempt PRB	(56,496.68)	(57,507.00)	(57,780 48)	(59,514 60)	(57,372.13)	(58 548.74)	(59,837.20)	(58,255 22)	(58,292.80)	(59,053 12)
521990	Sal/Burden Exp-Non-exempt OT PRB	(2,507.14)	(2,778.99)	(3,124.09)	(4,477 04)	(1,409 71)	(2,693 35)	(2,411.71)	(3,806 83)	(5,110 75)	(747.68)
521991	Sal/Burden Exp-Union OT PRB	(36,165.88)	(25,662.94)	(28,274.13)	(31,358 14)	(38,615.27)	(32,732 64)	(34,198 57)	(50,050 93)	(26,493 57)	(36,123 76)
521992	Sal/Burden Exp-Union DT PRB	(30,304 08)	(87,115 77)	(4,815 69)	(4,816.29)	(7,231.30)	(5,951.20)	(10,278.67)	(11,316.38)	(10,491 09)	(76,508 71)
521994	Sal/Burden Exp-Union	(322,551.61)	(268,199.06)	(302,934 31)	(286,475.86)	(314,572.77)	(295,393.10)	(309,588.28)	(326,402.61)	(283,311 25)	(306,294.58)
521999	Sal/Burden Exp-Payroll Burden	(283,521 52)	(284,321 66)	(283,700 73)	(282,699.77)	(283,936.71)	(284,367.36)	(277,931 22)	(275,088.99)	(270,541.65)	(273,130.35)
642074	Construction Overhead	(1,502,506 24)	(1,484,613 86)	(1,464,649 08)	(1,534,414 20)	(1,526,416.05)	(1,522,855.79)	(1,552,163 81)	(1,553,049.27)	(1,529,329.50)	(1,546,000.48)
642080	Capitalized Labor Allocation	249,305 16	395 391.99	(470,430 07)	110,731.01	362,790.69	1,139,361 81	197,273.71	496,988.85	1,484,921 01	657,482.17
643001	Un labor-ST-IntAlloc	(1,018,417.42)	(1,062,345.40)	(1,177,430 26)	(1,156,963 93)	(1,296,392 81)	(1,144,697 08)	(1,202,412.62)	(1,215,589 30)	(1,031,502 10)	(1,242,925.16)
643002	Un Labor 1 1/2-IntAl	(211,132.81)	(222,991 70)	(256,642.56)	(257,255 71)	(269,313.70)	(231,596 05)	(268,016 89)	(264,156.44)	(250,585.86)	(329,010.82)
643003	Un Labor-DBL-Int Act	(423,541.10)	(805,498 92)	(337,008.77)	(275,014.05)	(424,888 35)	(359,789 05)	(513,268 18)	(303,097.70)	(365,062 82)	(869,341.14)
643101	Labor Straight Time-NonExempt	451 48	(1,056 56)	(4,872.87)	(3,693.86)	(3,038.64)	(1,645 64)	(419 53)	(1,910 59)	(157 01)	(2,638 37)
643102	Labor 1 1/2-NonExempt	12.51	(415 35)	(1 527 44)	(543.25)	(437.76)	(544 63)	19 06	(672 48)	(60 69)	(1,359 11)
643112	Labor - Drive Time - NonExempt				(204 50)						
643201	Labor Straight Time-Exempt	(41,303.31)	(80,862 36)	(60 248 16)	(37,558 53)	(46,938 28)	(62,247 51)	(37,981 81)	(60,807 66)	(160,532 11)	(107,215 24)
643202	Labor 1 1/2-Exempt		(53,916 21)	(31,100.48)	(6,863 55)					(2,805.89)	(8,851.42)
FERC	**Account Sorted by Natural Account**	**4,777,229.50**	**4,796,106.92**	**5,488,444.58**	**4,899,698.19**	**4,803,832.67**	**3,438,242.21**	**4,951,357.73**	**4,920,778.69**	**4,121,282.59**	**4,510,142.84**

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

11 2018		Total	Capitalized	Total net Capital	2019 Actuarial Benefit Expense	Adjustment	Adjusted Test Year Amount
1,308,894 51	2,530,999 12	14,429,316 97	(6,320,730.63)	8,108,586 34	6,941,963 05	(1,166,623 29)	6,941,963 05
1,407,663 91	(1,461,037.54)	17,190,762.05	(10,406,075 77)	6,784,686 28	11,428,835 96	4,644,149 68	11,428,835.96
810 65	166,322 91	172,172 20	(6,325 37)	165,846 83	6,947 06	(158,899 77)	6,947.06
75,680 17	78,381.64	933,599.06	(270,304 11)	663,294.95	296,870.93	(366,424 02)	296,870 93
3,455,341 10	1,966,426.86	36,148,405.80	(18,426,222 27)	17,722,183 53	-		17,722,183 53
167,938.77	1 868,518 35	3,718,771.42	(1,526,697.87)	2,192,073.55	1,676,749 22	(515,324.33)	1,676,749.22
633,989 98	538,184.82	7,545,450.15	1,124,650.65	8,670,100 80	(1,235,186 83)	(9,905,287.63)	(1,235,186.83)
1,295,349.71	1,726,352 07	17,074,611.15	(7,589,649.88)	9,484,961 27	-		9,484,961.27
168,358.43	329,624 60	2,944,667 51	(742 176.66)	2,202,490.85	815,121.42	(1,387,369 43)	815,121.42
		(35,745 96)		(35,745 96)			(35,745 96)
				-			-
				-			-
		26,250 00		26,250,00			26,250 00
		4,700 69		4,700.69			4,700 69
		29,167 00		29,167,00			29,167 00
(59,628 47)	(61,055.82)	(703,342.26)	703,342 26	-			-
(1,199 69)	(1,731 90)	(31,998.88)	31,998.88	-			-
(28,747 57)	(54,176.90)	(422,600,30)	422,600,30	-			-
6 744 17	(5,496 87)	(247,581,88)	247,581 88	-			-
(313,261.99)	(299,456.15)	(3,628,441.57)	3,628,441.57	-			-
(276,296.87)	(272,603 37)	(3,348,140 20)	3,348,140 20	-			-
(1,531,199 00)	(1,688,795 92)	(18,435,993.20)	18,435,993.20	-			-
488,816.90	716,377.32	5,829.010.55	(5,829,010.55)	-			-
(1,112,487.81)	(981,952.68)	(13,643,116.57)	13,643,116 57	-			-
(255,791.29)	(267,774 87)	(3,084,268.70)	3,084,268.70	-			-
(294,733.41)	(433,256.28)	(5,404,499 77)	5,404,499.77	-			-
(3,542.59)	(2,881.60)	(25,405.78)	25,405 78	-			-
(925.26)	(639.01)	(7,093 41)	7,093.41	-			-
		(204 50)	204.50	-			-
(120,230.79)	(64,614.90)	(880,540 66)	880,540.66	-			-
(25,810.29)	33.06	(129,314.78)	129,314 78	-			-
4,985,733.27	10,402,713.86	56,018,596.13	(0.00)	56,018,596.13	19,931,300 80	(8,855,778.80)	47,162,817 33
	*Less Prior Period Adjustments (2011-2017) in Dec 2018			56,018.60	19,931.30	(8,855 78)	47,162.82

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

FERC 9260
Source SAP Detail

Acct	Description (Total Company)	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018	7 2018	8 2018	9 2018	10 2018
518011	Pension - Service Cost										
518016	Benefit Restoration - Service Cost										
518020	Health & Welfare										
518032	Postretirement - Service Cost										
518070	Savings										
518090	Postemployment										
718011	Pension - Non-Service Cost										
718016	Benefit Restoration - Non-Service Cost										
718032	Postretirement - Non-Service Cost										
722160	FICA taxes										
722170	Unemployment taxes										
Benefit costs in burden rate											
Base salary											
STI											
Overtime											
Salaries in burden rate											
Burden rate											

11 2018		Total	Capitalized	Total net Capital	2019 Actuarial Benefit Expense	Adjustment	Adjusted Test Year Amount
		101452					
		Co. 3					
		CEHE	Component of Burden	Percentage of Burden rate	Percentage of FERC 9260		
		14,989,000	4.98%	11.74%	14 31%		
		15,000	0 00%	0 01%	0.01%		
		43,696,000	14 53%	34 21%	41.72%		
		3,620,416	1.20%	2 83%	3.46%		
		17,998,119	5 98%	14 09%	17.19%		
		1,760,000	0.59%	1.38%	1.68%		
		24,677,000	8 21%	19 32%	23.56%		
		641,000	0.21%	0 50%	0.61%		
		(2,667,000)	-0.89%	-2 09%	-2 55%		
		22,372,300	7.44%	17 52%			
		614,000	0 20%	0 48%			
		127,715,835	42.47%	100 00%	100.00%		
		250,871,757					
		5,178,241					
		44,687,173					
		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

9302 adjustment

45 71%

Errata 1

Account Number	Account Name	2019 Actuarial Amount as of 12/31/2018	Percentage to CEHE (2018 Actual)	Amount to CEHE	Affiliate Pension Expense	Capitalized Amount	Other - Non Requested	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	(462,305)	(174,854)	2,343,349	1,918,904	424,445
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	(18,294)	(6,919)	92,728	125,240	(32,513)
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	(40,629)	(15,367)	205,942	68,074	137,868
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	(36,162)	(13,677)	183,299	(15,461)	198,760
		19,989,000		9,137,634	9,137,634	(557,390)	(210,817)	8,369,428	8,550,699	(181,271)
								8,369 43	8,550.70	(181.27)
	Total Company	63,024,416		32,241,749	29,068,935	(557,390)	(210,817)	28,300,729	39,806,503	(11,505,775)

CenterPoint Energy Service Company, LLC
Pension Cost Allocated to Houston Electric
Based on 2019 Plan Amounts

			Service Cost Amounts				Non-Service Cost Amounts			
FERC	Service Co Billings to CEHE	Allocation Percent	Pension - Service Cost	Post Retirement-Service Cost	Non-Qualified Pension Service Cost Amount	Postemployment	Non-Qualified Pension Non-Service Cost Amount	Pension Non-Service Cost	Post Retirement-Non Service Cost	Total
1070	$ 12,100,394 94	15.5%	$ 462,305.13	$ 40,628.96	$ 18,293.67	$ 36,161.90	$ -	$ -	$ -	$ 557,389.66
1810	679,554 96	0.9%	25,962.93	2,281.71	1,027.37	2,030.84	-	-	-	31,302.85
1823	604,010 46	0 8%	23,076 70	2,028.06	913.16	1,805 08	-	-	-	27,822.99
4261	712,432.40	0.9%	27,219.04	2,392 10	1,077 07	2,129.10	-	-	-	32,817.31
4264	2,527,460 43	3.2%	96,563.62	8,486.34	3,821.08	7,553.29	-	-	-	116,424.32
4265	53,166.53	0.1%	2,031.27	178.51	80.38	158 89	-	-	-	2,449 05
5600	2,523,798.49	3.2%	96,423 71	8,474 05	3,815.54	7,542 35	-	-	-	116,255.64
5620	35,285.08	0.0%	1,348 09	118.48	53.34	105 45	-	-	-	1,625 36
5630	35,285.08	0.0%	1,348.09	118.48	53.34	105.45	-	-	-	1,625.36
5640	35,285 08	0.0%	1,348.09	118.48	53.34	105.45	-	-	-	1,625 36
5700	35,285.08	0.0%	1,348.09	118.48	53.34	105.45	-	-	-	1,625.36
5710	70,570 17	0 1%	2,696.19	236.95	106 69	210,90	-	-	-	3,250.73
5720	35,285.08	0.0%	1,348.09	118.48	53.34	105.45	-	-	-	1,625.36
5800	10,866,820.14	13.9%	415,175.43	36,487.04	16,428.72	32,475.38	-	-	-	500,566.57
5820	35,285.08	0.0%	1,348.09	118.48	53.34	105 45	-	-	-	1,625 36
5830	70,570.17	0.1%	2,696.19	236.95	106 69	210.90	-	-	-	3,250.73
5840	70,570.17	0.1%	2,696.19	236 95	106.69	210 90	-	-	-	3,250.73
5850	70,570.17	0.1%	2,696 19	236 95	106.69	210 90	-	-	-	3,250.73
5860	46,027.07	0.1%	1,758.50	154.54	69.58	137.55	-	-	-	2,120 18
5870	35,285.08	0.0%	1,348 09	118.48	53.34	105.45	-	-	-	1,625.36
5930	94,742.11	0 1%	3,619.70	318.11	143.23	283.14	-	-	-	4,364 18
5970	35,285.08	0.0%	1,348.09	118.48	53 34	105.45	-	-	-	1,625.36
9020	85,754.40	0 1%	3,276 31	287.93	129.65	256 28	-	-	-	3,950 17
9030	6,466,939 62	8.3%	247,074.53	21,713 76	9,776 88	19,326 38	-	-	-	297,891 54
9080	5,803 12	0.0%	221.71	19.48	8.77	17.34	-	-	-	267.31
9090	2,887,001 40	3 7%	110,300.16	9,693.56	4,364.64	8,627.77	-	-	-	132,986 13
9210	254,993.77	0 3%	9,742.24	856 18	385.51	762.05	-	-	-	11,745.97
9250	2,100,008 42	2.7%	80,232.48	7,051.11	3,174.84	6,275 85	-	-	-	96,734.28
9302	30,260,445 31	38 8%	1,156,124 16	101,604 16	45,748.47	90,433 03	1,379,170.65	3,139,590.32	1,025,349.61	6,938,020 39
9310	4,914,219 42	6 3%	187,751 63	16,500.26	7,429 44	14,686 09	-	-	-	226,367 41
9350	263,814 61	0 3%	10,079.24	885.80	398.84	788 41	-	-	-	12,152.29
	$ 78,011,948 92		$ 2,980,507.99	$ 261,937 28	$ 117,940 35	$ 233,137.90	$ 1,379,170.65	$ 3,139,590.32	$ 1,025,349.61	$ 9,137,634.09

Capital	$ 557,389.66
O&M	$ 8,369,427.89
Other	$ 59,125.85
Below the Line	$ 151,690.69
	$ 9,137,634.09

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

Direct Expense (including Cap/Ex Calc)
FERC 9260
Source, SAP Detail

	Total Company	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018
518011	Pension - Service Cost	1,794,541.26	364,450 31	1,039,407.31	1,033,732 35	1,056,676 35	1,161,942 71
718011	Pension - Non-Service Cost	968,840 05	2,486,875 16	1,715,780 06	1,712,716 26	1,725,103.31	1,781,934 69
518016	Pension NonQualified - Service Cost	1,063 89	373 36	441.01	437 40	452 00	518 99
718016	Pension NonQualified-NonService Cost	76,843 82	79,650 02	77,218.74	76,957.91	78,012 44	82,850 61
518020	Sal/Burden Exp-Medical	3,571,443.21	3,567,734.00	3,577,778.08	3,596,143 37	3,580 553 57	917,453 14
518032	PostRetirement - Service Cost	628,168 86	(288,234.88)	164,831 89	164,924 76	168,727.34	190,283 11
718032	Post Retirement-NonService Cost	175,857.19	1,097,358 70	639,131 40	639,771 55	637,183 42	625,309 18
518070	Sal/Burden Exp-Savings	957,075 18	1,325,134 30	2,550,513 00	1,236,926 50	1,228,120 82	1,293,859.52
518090	Sal/Burden Exp-Long-Term Disability	221,824.34	204,792.39	207,882 21	269,210 36	236,776.21	247,790.59
518161	Split Doll Life Insu						
518164	Performance Shares and Units						
518165	Other Equity Awards						
518166	Deferred Comp Plan - Service Cost	26,250 00					
718033	PostRet Split$ Life	4,833.34	(132.65)				
718166	Deferred Comp Plan - NonService Cost	29,167 00					
521989	Sal/Burden Exp-Non-exempt PRB	(56,496.68)	(57,507.00)	(57,780 48)	(59,514 60)	(57,372 13)	(58,548 74)
521990	Sal/Burden Exp-Non-exempt OT PRB	(2,507 14)	(2,778 99)	(3,124.09)	(4,477 04)	(1,409 71)	(2,693 35)
521991	Sal/Burden Exp-Union OT PRB	(36,165 88)	(25,662 94)	(28,274.13)	(31,358.14)	(38,615.27)	(32,732 64)
521992	Sal/Burden Exp-Union DT PRB	(30,304 08)	(87,115.77)	(4,815.69)	(4,816 29)	(7,231 30)	(5,951.20)
521994	Sal/Burden Exp-Union	(322,551 61)	(268,199 06)	(302,934.31)	(286,475.86)	(314,572 77)	(295,393 10)
521999	Sal/Burden Exp-Payroll Burden	(283,521.52)	(284,321.66)	(283,700 73)	(282,699 77)	(283,936 71)	(284,367 36)
642074	Construction Overhead	(1,502,506 24)	(1,484,613 86)	(1,464,649 08)	(1,534,414.20)	(1,526,416.05)	(1,522,855 79)
642080	Capitalized Labor Allocation	249,305.16	395,391 99	(470,430 07)	110,731.01	362,790 69	1,139,361 81
643001	Un labor-ST-IntAlloc	(1,018,417 42)	(1,062,345 40)	(1,177,430 26)	(1,156,963,93)	(1,296,392 81)	(1,144,697.08)
643002	Un Labor 1 1/2-IntAl	(211,132.81)	(222,991 70)	(256,642.56)	(257,255 71)	(269,313 70)	(231,596.05)
643003	Un Labor-DBL-Int Act	(423,541.10)	(805,498.92)	(337,008 77)	(275,014.05)	(424,888 35)	(359,789.05)
643101	Labor Straight Time-NonExempt	451 48	(1,056 56)	(4,872 87)	(3,693.86)	(3,038 64)	(1,645.64)
643102	Labor 1 1/2-NonExempt	12.51	(415 35)	(1,527.44)	(543 25)	(437 76)	(544.63)
643112	Labor - Drive Time - NonExempt				(204.50)		
643201	Labor Straight Time-Exempt	(41,303.31)	(80,862 36)	(60,248 16)	(37,558.53)	(46,938.28)	(62,247 51)
643202	Labor 1 1/2-Exempt		(53,916.21)	(31,100 48)	(6,863 55)		
FERC	**Account Sorted by Natural Account**	4,777,229.50	4,796,106.92	5,488,444.58	4,899,698.19	4,803,832.67	3,438,242.21

G/L Account	-	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018
518011	Pension - Service Cost	420,987.85	(1,176,199.68)	(422,360.04)	(428,035 00)	(405,091.00)	(303,191.20)
518016	Pension NonQualified - Service Cost	8,741.39	(11,400.68)	(2,918.94)	(2,922.55)	(2,907 95)	(6,847.82)
518032	PostRetirement - Service Cost	358,176.79	(592,183 11)	(124,112.14)	(126,500.28)	(120,610.69)	(99,885 75)
518090	Sal/Burden Exp-Long-Term Disability	56,339 29	73,368.25	66,811 62	10,239.26	45,709.99	4,197.08
718011	Pension - Non-Service Cost	197,447.32	1,873,247.71	1,023,269 97	1,020,206.17	1,032,593.22	2,008,744 67
718016	Pension NonQualified-NonService Cost	102,184 22	121,818.61	110,973 24	110,712 41	111,766.94	92,685.93
718032	Post Retirement-NonService Cost	358,114.96	1,312,432.78	837,797.32	838,437.47	835,849.34	856,166 49
Grand Total		1,501,991.82	1,601,083.88	1,489,461.03	1,422,137 48	1,497,309.85	2,551,869 40

7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total
1,048,328 55	1,012,446.33	960,280 74	1,117,617 43	1,308,894 51	8,607,966.04	20,506,283 89
1,720,596.48	1,701,224,32	1,673,061 07	1,758,004.28	1,407,663 91	(1,461,037.54)	17,190,762 05
446 69	423.86	390 66	490.78	810.65	166,322.91	172,172.20
77,628.77	75,979.58	73,581.99	80,813.37	75,680 17	78,381,64	933,599 06
3,430,459 41	3,435,893 62	1,578,653 93	3,470,525 51	3,455,341.10	1,966,426 86	36,148 405.80
165,560 00	158,178 61	146,554.95	183,319.66	167,938.77	1,868,518.35	3,718,771 42
638,125.07	642,172 65	648,057 03	630,309.16	633,989 98	538,184 82	7,545,450 15
1,629,763.44	1,279,678.68	1,277,446 67	1,274,391.26	1,295,349 71	1,726,352 07	17,074,611.15
311,665.04	241,996 59	272,611 63	232,135 12	168,358 43	329,624 60	2,944,667 51
			(35 745.96)			(35,745 96)
						26,250.00
						4,700.69
						29,167 00
(59,837 20)	(58,255 22)	(58,292 80)	(59,053.12)	(59,628.47)	(61,055 82)	(703,342.26)
(2,411 71)	(3,806 83)	(5,110 75)	(747 68)	(1,199.69)	(1,731 90)	(31,998.88)
(34,198 57)	(50,050 93)	(26,493 57)	(36,123.76)	(28,747.57)	(54,176 90)	(422,600 30)
(10,278 67)	(11,316.38)	(10,491 09)	(76,508 71)	6,744 17	(5,496 87)	(247,581 88)
(309,588 28)	(326,402 61)	(283,311 25)	(306,294.58)	(313,261 99)	(299,456.15)	(3,628,441 57)
(277,931 22)	(275,088 99)	(270,541 65)	(273,130 35)	(276,296 87)	(272,603 37)	(3,348,140 20)
(1,552,163 81)	(1,553,049.27)	(1,529,329 50)	(1,546,000.48)	(1,531,199.00)	(1,688,795 92)	(18,435,993 20)
197,273 71	496,988 85	1,484,921.01	657,482.17	488,816 90	716,377.32	5,829,010 55
(1,202,412.62)	(1,215,589 30)	(1,031,502.10)	(1,242,925 16)	(1,112,487 81)	(981,952.68)	(13,643,116.57)
(268,016.89)	(264,156 44)	(250 585 86)	(329,010 82)	(255,791 29)	(267,774 87)	(3,084,268 70)
(513,268.18)	(303,097 70)	(365,062 82)	(869,341 14)	(294,733 41)	(433,256 28)	(5,404,499 77)
(419 53)	(1,910 59)	(157.01)	(2,638 37)	(3,542 59)	(2,881 60)	(25,405 78)
19.06	(672 48)	(60 69)	(1,359 11)	(925 26)	(639 01)	(7,093 41)
						(204.50)
(37,981.81)	(60,807 66)	(160,532 11)	(107 215 24)	(120,230 79)	(64,614 90)	(880,540.66)
		(2,805.89)	(8,851 42)	(25,810 29)	33.06	(129,314.78)
4,951,357.73	4,920,778.69	4,121,282.59	4,510,142.84	4,985,733.27	10,402,713.86	62,095,563.05

7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total	Capitalized	Total net Capital
(413,999 89)	(449,882,11)	(509,807.76)	(345,573 25)	(96,067.91)	7,821,490 59	3,692,270 60		3,692,270.60
(3,581.07)	(3,603.90)	(3,957.49)	(3,572 58)	(146.06)	333,609.27	300,491.62		300,491.62
(121,579 16)	(129,370.55)	(140,218 71)	(109,136 22)	(121,138.61)	1,553,494 20	226,935 77		226,935.77
(31,005.31)	18,693.76	(105,259.47)	45,746 79	81,976.15	1,271,541 37	1,538,358 78		1,538,358.78
1,181,306.40	1,161,934,24	(373,368.30)	1,051,254.28	700,913.91	(2,167,787.54)	8,709,762.05		8,709,762 05
107,396 74	105,747.55	(706,064.76)	20,646 37	15,513.17	18,214 64	211,595.06		211,595.06
842,156.23	846,203.81	344,810.79	777,976 16	781,656.98	685,851 82	9,317,454.15		9,317,454.15
1,560,693.94	1,549 722 80	(1,493,865.70)	1,437,341.55	1,362,707.63	9,516,414.35	23,996,868.03	-	23,996,868 03

Direct Expense (including Cap/Ex Calc)
FERC 9260
Source· SAP Detail

	Total Company	1 2018	2 2018	3 2018	4 2018	5 2018	6 2018
		1 2018	2 2018	3 2018	4 2018	5 2018	6 2018
518011	Pension - Service Cost	1,373,553.41	1,540,649 99	1,461,767 35	1,461,767.35	1,461,767.35	1,465,133.91
718011	Pension - Non-Service Cost	771 392 73	613,627.45	692,510 09	692,510 09	692,510 09	(226,809.98)
518016	Pension NonQualified - Service Cost	(7,677 50)	11,774 04	3,359 95	3,359.95	3,359 95	7,366 81
718016	Pension NonQualified-NonService Cost	(25,340 40)	(42,168,59)	(33,754.50)	(33,754.50)	(33,754 50)	(9,835 32)
518020	Sal/Burden Exp-Medical	3,571,443.21	3,567,734 00	3,577,778 08	3,596,143 37	3,580,553 57	917,453.14
518032	PostRetirement - Service Cost	269,992 07	303,948 23	288,944.03	291 425 04	289,338 03	290,168 86
718032	Post Retirement-NonService Cost	(182,257 77)	(215,074,08)	(198,665.92)	(198,665.92)	(198,665.92)	(230,857,31)
518070	Sal/Burden Exp-Savings	957,075.18	1,325,134,30	2,550,513 00	1,236,926 50	1,228,120.82	1,293,859 52
518090	Sal/Burden Exp-Long-Term Disability	165,485.05	131,424,14	141,070 59	258,971 10	191,066.22	243,593 51
518161	Split Doll Life Insu						
518164	Performance Shares and Units						
518165	Other Equity Awards						
518166	Deferred Comp Plan - Service Cost	26,250 00					
718033	PostRet Split$ Life	4,833,34	(132 65)				
718166	Deferred Comp Plan - NonService Cost	29,167.00					
521989	Sal/Burden Exp-Non-exempt PRB	(56,496.68)	(57,507,00)	(57,780 48)	(59,514 60)	(57,372 13)	(58,548 74)
521990	Sal/Burden Exp-Non-exempt OT PRB	(2,507 14)	(2,778 99)	(3,124,09)	(4,477 04)	(1,409 71)	(2,693 35)
521991	Sal/Burden Exp-Union OT PRB	(36,165 88)	(25,662,94)	(28,274,13)	(31,358,14)	(38,615 27)	(32,732,64)
521992	Sal/Burden Exp-Union DT PRB	(30,304 08)	(87,115 77)	(4,815,69)	(4,816.29)	(7,231 30)	(5,951,20)
521994	Sal/Burden Exp-Union	(322,551 61)	(268 199 06)	(302,934 31)	(286,475,86)	(314,572 77)	(295,393 10)
521999	Sal/Burden Exp-Payroll Burden	(283,521.52)	(284,321,66)	(283,700,73)	(282,699 77)	(283,936 71)	(284,367 36)
642074	Construction Overhead	(1,502,506,24)	(1,484,613,86)	(1,464,649,08)	(1,534,414.20)	(1,526,416 05)	(1,522,855.79)
642080	Capitalized Labor Allocation	249,305 16	395,391 99	(470,430,07)	110,731 01	362,790 69	1,139,361 81
643001	Un labor-ST-IntAlloc	(1,018,417 42)	(1,062,345 40)	(1,177,430,26)	(1,156,963,93)	(1,296,392 81)	(1,144,697,08)
643002	Un Labor 1 1/2-IntAl	(211,132 81)	(222,991 70)	(256,642,56)	(257,255 71)	(269,313 70)	(231,596 05)
643003	Un Labor-DBL-Int Act	(423,541 10)	(805,498,92)	(337,008 77)	(275,014 05)	(424,888 35)	(359,789 05)
643101	Labor Straight Time-NonExempt	451.48	(1,056 56)	(4,872.87)	(3,693,86)	(3,038 64)	(1 645.64)
643102	Labor 1 1/2-NonExempt	12.51	(415 35)	(1,527,44)	(543 25)	(437 76)	(544 63)
643112	Labor - Drive Time - NonExempt				(204.50)		
643201	Labor Straight Time-Exempt	(41,303,31)	(80,862 36)	(60,248,16)	(37,558,53)	(46,938 28)	(62,247,51)
643202	Labor 1 1/2-Exempt		(53,916,21)	(31,100,48)	(6,863,55)		
		3,275,237,68	3 195,023 04	3,998,983.55	3,477,560 71	3,306,522.82	886,372 81
		-	-	0,00	-	0,00	-

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

7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total

7 2018	8 2018	9 2018	10 2018	11 2018	12 2018	Total	Capitalized	Total net Capital
1,462,328 44	1,462,328 44	1,470,088 50	1,463,190 68	1,404,962 42	786,475.45	16,814,013 29	(6,320,730 63)	10,493,282.66
539,290 08	539,290 08	2,046,429.37	706,750 00	706,750 00	706,750 00	8,481,000.00	(10,406,075 77)	(1,925,075.77)
4,027 76	4,027.76	4,348 15	4,063.36	956 71	(167,286 36)	(128,319.42)	(6,325 37)	(134,644 79)
(29,767.97)	(29,767 97)	779,646.75	60,167 00	60,167 00	60,167 00	722,004 00	(270,304 11)	451,699 89
3,430,459.41	3,435,893.62	1,578,653.93	3,470,525.51	3,455,341 10	1,966,426 86	36,148,405 80	(18,426,222 27)	17,722,183 53
287,139 16	287,549 16	286,773 66	292,455.88	289,077 38	315,024 15	3,491,835 65	(1,526,697.87)	1,965,137 78
(204,031 16)	(204,031 16)	303,246 24	(147,667 00)	(147,667 00)	(147,667.00)	(1,772,004 00)	1,124,650 65	(647,353.35)
1,629,763.44	1,279,678 68	1,277,446.67	1,274,391 26	1,295,349 71	1,726,352 07	17,074,611 15	(7,589,649.88)	9,484,961.27
342,670.35	223,302 83	377,871.10	186,388 33	86,382 28	(941,916 77)	1,406,308.73	(742,176 66)	664,132.07
			(35,745 96)			(35,745.96)		(35,745 96)
								-
								-
						26,250 00		26,250.00
						4,700 69		4,700 69
						29,167.00		29,167 00
(59,837 20)	(58,255.22)	(58,292 80)	(59,053.12)	(59,628 47)	(61,055 82)	(703,342.26)	703,342.26	-
(2,411 71)	(3,806.83)	(5,110 75)	(747.68)	(1,199.69)	(1,731,90)	(31,998 88)	31,998.88	-
(34,198.57)	(50,050.93)	(26,493 57)	(36,123.76)	(28,747 57)	(54,176 90)	(422,600.30)	422,600.30	-
(10,278 67)	(11,316.38)	(10,491.09)	(76,508.71)	6,744 17	(5,496.87)	(247,581 88)	247,581 88	-
(309,588 28)	(326,402.61)	(283,311 25)	(306,294.58)	(313,261.99)	(299,456.15)	(3,628,441 57)	3,628,441 57	-
(277,931 22)	(275,088.99)	(270,541.65)	(273,130 35)	(276,296 87)	(272,603 37)	(3,348,140 20)	3,348,140 20	-
(1,552,163 81)	(1,553,049 27)	(1,529,329 50)	(1,546,000.48)	(1,531,199.00)	(1,688,795 92)	(18,435,993.20)	18,435,993 20	-
197,273 71	496,988 85	1,484,921 01	657,482 17	488,816 90	716,377 32	5,829,010.55	(5,829,010.55)	-
(1,202,412,62)	(1,215,589 30)	(1,031,502 10)	(1,242,925.16)	(1,112,487 81)	(981,952.68)	(13,643,116.57)	13,643,116 57	-
(268,016 89)	(264,156 44)	(250,585 86)	(329,010 82)	(255,791 29)	(267,774 87)	(3,084,268.70)	3,084,268 70	-
(513,268.18)	(303,097.70)	(365,062.82)	(869,341.14)	(294,733.41)	(433,256 28)	(5,404,499 77)	5,404,499 77	-
(419.53)	(1,910.59)	(157 01)	(2,638 37)	(3,542.59)	(2,881 60)	(25,405 78)	25,405 78	-
19.06	(672 48)	(60 69)	(1,359.11)	(925 26)	(639 01)	(7,093 41)	7,093 41	-
						(204 50)	204 50	-
(37,981.81)	(60,807 66)	(160,532.11)	(107,215.24)	(120,230 79)	(64,614 90)	(880,540 66)	880,540 66	-
		(2,805 89)	(8,851 42)	(25,810 29)	33 06	(129,314.78)	129,314.78	-
3,390,663 79	3,371,055 89	5,615,148.29	3,072,801.29	3,623,025 64	886,299 51	38,098,695 02	(0 00)	38,098,695 02
(0 00)	-	-	-	-	-	-		

Percent Capital	82 262,226.93	(44,163,531 91)	53.69%
Expense			46 31%