

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

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WP II-D-2.9a Rents and Leases

Rounded to Thousands							
Year/ FERC Account	Description	WP Reference	TRAN	DIST	MET	TDCS	Total
2018							
9310	Entex rent of Service Center space	WP II-D-2.9b	-	-	-	(130)	(130)
9310	CNP-Tower and ECDC	WP II-D-2.9b	-	-	-	10,310	10,310
5660	Danevange 345kV Transmission Corridor	WP II-D-2.9b	131	-	-	-	131
5670/5890	City of Conroe-MCHD Lease	WP II-D-2.9b	7	43	-	-	50
5670/5890	Space on KPRC communication tower for current voice radio system	WP II-D-2.9b	58	58	-	-	116
5670	Office Space at Limestone Plant	WP II-D-2.9b	9	-	-	-	9
5670/5890	American Tower Corp Humble Lease	WP II-D-2.9b	24	24	-	-	48
			229	125	-	10,180	10,534
2017							
9310	Entex rent of Service Center space	WP II-D-2.9b	-	-	-	(130)	(130)
9310	CNP-Tower and ECDC	WP II-D-2.9b	-	-	-	10,691	10,691
5660	Danevange 345kV Transmission Corridor	WP II-D-2.9b	175	-	-	-	175
5670/5890	City of Conroe-MCHD Lease	WP II-D-2.9b	24	24	-	-	47
5670/5890	Space on KPRC communication tower for current voice radio system	WP II-D-2.9b	56	56	-	-	112
5670	Office Space at Limestone Plant	WP II-D-2.9b	50	-	-	-	50
5670/5890	American Tower Corp. Humble Lease	WP II-D-2.9b	23	23	-	-	46
			327	103	-	10,561	10,991
2016							
9310	Entex rent of Service Center space	WP II-D-2.9b	-	-	-	(134)	(134)
9310	CNP-Tower and ECDC	WP II-D-2.9b	-	-	-	10,677	10,677
5660	Danevange 345kV Transmission Corridor	WP II-D-2.9b	175	-	-	-	175
5860/9200	City of Conroe-MCHD Lease	WP II-D-2.9b	-	-	18	9	27
5670/5890	Space on KPRC communication tower for current voice radio system	WP II-D-2.9b	55	55	-	-	109
5670	Office Space at Limestone Plant	WP II-D-2.9b	-	-	-	-	-
5860	American Tower Corp. Humble Lease	WP II-D-2.9b	-	-	44	-	44
			229	55	62	10,552	10,898
2015							
9310	Entex rent of Service Center space	WP II-D-2.9b	-	-	-	(143)	(143)
9310	CNP-Tower and ECDC	WP II-D-2.9b	-	-	-	10,624	10,624
5660	Danevange 345kV Transmission Corridor	WP II-D-2.9b	175	-	-	-	175
5860/9200	City of Conroe-MCHD Lease	WP II-D-2.9b	-	-	27	18	45
5670/5890	Space on KPRC communication tower for current voice radio system	WP II-D-2.9b	16	156	-	-	172
5670	Office Space at Limestone Plant	WP II-D-2.9b	-	-	-	-	-
5860/9200	American Tower Corp Humble Lease	WP II-D-2.9b	-	-	43	7	50
			190	156	70	10,507	10,923

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Source: SAP Data

Sum of Amount in local currency

Fiscal Year	Assignment	Posting Period	1	2	3	4	5	6	7	8
2015	American Tower Corp. Humble Lease		3,688.12	3,688.12			17,716.60	3,543.32	3,543.32	3,543.32
2015	CNP-Tower and ECDC		905,583.66	905,583.66	902,243.76	904,470.36	904,470.36	904,470.36	904,470.36	904,470.36
2015	City of Conroe-MCHD Lease				9,000.00		9,000.00	9,000.00		9,000.00
2015	Daneverge 345kV Transmission Corridor		14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96
2015	Entex rent of Service Center space		(11,899.53)	(11,899.53)	(11,899.53)		(23,799.06)	(11,899.53)	(11,899.53)	(11,849.21)
2015	Space on KPRC communication tower for current voice radio system		15,231.86	15,231.86	(2,321.72)			62,937.43	15,231.86	15,231.86
2015 Total			934,913.86	934,913.86	911,573.47	919,021.32	921,938.86	982,602.54	925,896.97	934,947.29
2016	American Tower Corp. Humble Lease		3,685.05	3,685.05	3,685.05	3,685.05	3,685.05	3,685.05	3,685.05	3,685.05
2016	CNP-Tower and ECDC		907,290.34	907,047.22	907,168.78	907,168.78	907,168.78	907,168.78	907,168.78	907,168.78
2016	City of Conroe-MCHD Lease					9,000.00			9,000.00	
2016	Daneverge 345kV Transmission Corridor		14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96
2016	Entex rent of Service Center space		(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)
2016	Space on KPRC communication tower for current voice radio system		9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
2016 Total			923,400.78	931,149.21	923,279.22	932,279.22	923,279.22	923,279.22	932,279.22	923,279.22
2017	American Tower Corp. Humble Lease									30,364.80
2017	CNP-Tower and ECDC		917,551.62	917,551.62	917,551.62	917,551.62	917,551.62	917,551.62	917,551.62	917,551.62
2017	City of Conroe-MCHD Lease		9,000.00			9,000.00		9,000.00		
2017	Daneverge 345kV Transmission Corridor		14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96
2017	Entex rent of Service Center space		(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)
2017	Space on KPRC communication tower for current voice radio system		9,270.00	9,270.00	9,270.00	9,270.00	9,270.00	9,270.00	9,270.00	9,270.00
2017	Office Space at Limestone Plant				-	-	-	50,000.00	-	-
2017 Total			939,544.00	930,544.00	930,544.00	939,544.00	930,544.00	989,544.00	930,544.00	930,544.00
2018	American Tower Corp. Humble Lease		3,985.75	3,985.75	3,985.75	3,985.75	3,985.75	3,985.75	3,985.75	3,985.75
2018	CNP-Tower and ECDC		872,053.69	872,053.69	872,053.69	872,053.69	872,053.69	872,053.69	872,053.69	872,053.69
2018	City of Conroe-MCHD Lease									34,773.48
2018	Daneverge 345kV Transmission Corridor		14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96	14,550.96
2018	Entex rent of Service Center space		(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)
2018	Space on KPRC communication tower for current voice radio system		9,548.10	9,548.10	9,548.10	9,548.10	9,548.10	9,548.10	9,548.10	9,548.10
2018	Office Space at Limestone Plant			9,000.00						
2018 Total			889,309.92	898,309.92	889,309.92	889,309.92	889,309.92	889,309.92	889,309.92	924,083.40
Grand Total			3,703,788.10	3,711,626.53	3,654,706.61	3,680,154.46	3,665,072.00	3,784,735.68	3,678,030.11	3,712,853.91

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Source: SAP Data

Sum of Amount in local currency

Fiscal Year	Assignment	9	10	11	12	Grand Total
2015	American Tower Corp Humble Lease	3,543.32	3,543.32	3,543.32	3,543.32	49,896.08
2015	CNP-Tower and ECDC	904,470.36	904,470.36	904,470.36	674,839.77	10,624,013.73
2015	City of Conroe-MCHD Lease			9,000.00		45,000.00
2015	Danevange 345kV Transmission Corridor	14,550.96	14,550.96	14,550.96	14,550.96	174,611.52
2015	Entex rent of Service Center space	(11,849.21)	(11,849.21)	(11,849.21)	(11,849.21)	(142,542.76)
2015	Space on KPRC communication tower for current voice radio system	9,000.00	9,000.00	9,000.00	23,071.00	171,614.15
2015 Total		919,715.43	919,715.43	928,715.43	704,155.84	10,922,592.72
2016	American Tower Corp. Humble Lease	3,685.05	3,685.05	3,685.05	3,685.05	44,220.60
2016	CNP-Tower and ECDC	907,168.78	907,168.78	907,168.78	698,056.89	10,676,913.47
2016	City of Conroe-MCHD Lease			9,000.00		27,000.00
2016	Danevange 345kV Transmission Corridor	14,550.96	14,550.96	14,550.96	14,550.96	174,611.52
2016	Entex rent of Service Center space	(11,125.57)	(11,125.57)	(11,125.57)	(11,125.57)	(133,506.84)
2016	Space on KPRC communication tower for current voice radio system	9,270.00	9,270.00	9,270.00	9,270.00	109,080.00
2016 Total		923,549.22	932,549.22	923,549.22	714,437.33	10,898,318.75
2017	American Tower Corp Humble Lease	3,832.45	3,832.45	3,832.45	3,985.75	45,847.90
2017	CNP-Tower and ECDC	917,551.62	917,551.62	917,551.62	597,982.20	10,691,050.02
2017	City of Conroe-MCHD Lease				20,128.00	47,128.00
2017	Danevange 345kV Transmission Corridor	14,550.96	14,550.96	14,550.96	14,550.96	174,611.52
2017	Entex rent of Service Center space	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(129,942.96)
2017	Space on KPRC communication tower for current voice radio system	9,548.10	9,548.10	9,548.10	9,548.10	112,352.40
2017	Office Space at Limestone Plant	-	-	-	-	50,000.00
2017 Total		930,822.10	930,822.10	930,822.10	631,380.68	10,991,046.88
2018	American Tower Corp. Humble Lease	3,985.75	3,985.75	3,985.75	4,145.18	47,988.43
2018	CNP-Tower and ECDC	872,053.69	872,053.69	872,053.69	717,286.52	10,309,877.11
2018	City of Conroe-MCHD Lease		7,529.59	3,877.74	3,877.74	50,058.55
2018	Danevange 345kV Transmission Corridor	14,550.96	0.05			130,958.69
2018	Entex rent of Service Center space	(10,828.58)	(10,828.58)	(10,828.58)	(10,828.58)	(129,942.96)
2018	Space on KPRC communication tower for current voice radio system	9,834.54	9,834.54	9,834.54	9,834.54	115,722.96
2018	Office Space at Limestone Plant					9,000.00
2018 Total		889,596.36	882,575.04	878,923.14	724,315.40	10,533,662.78
Grand Total		3,663,683.11	3,665,661.79	3,662,009.89	2,774,289.25	43,345,621.13

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G/L Accounts	Posting Date Range	Assignment Field
546010	01/01/2015-12/31/2018	ATC Humble
550020		Conroe
572010		Danevange
572020		KPRC
708140		LS3 Limestone
572051		Building Rent
		Entex SC

Source: SAP Data
 To: Supports WP II-D-2.9b

Company Cod	Assignment	Reference	G/L Account	Posting Period	Fiscal Year	Document Number	Document Type	Posting Date	Amount in local currency	WBS element	Cost Center
0003	ATC Humble	5156067976	572020	8	2017	5101569356	IP	42970	7370.1		101784
0003	ATC Humble	5156067976	572020	8	2017	5101569356	IP	42970	22994.7		101784
0003	ATC Humble	5156077748	572020	9	2017	5101571966	IP	42979	3832.45		101784
0003	ATC Humble	5156116714	572020	10	2017	5101580921	IP	43010	3832.45		101784
0003	ATC Humble	5156158583	572020	11	2017	5101589571	IP	43040	3832.45		101784
0003	ATC Humble	5156192046	572020	12	2017	5101596614	IP	43070	3985.75		101784
0003	Building Rent	1273 BLDG RENT	572051	1	2017	104791648	SA	42766	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	1	2017	104791648	SA	42766	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	2	2017	104796358	SA	42794	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	2	2017	104796358	SA	42794	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	3	2017	104855172	SA	42825	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	3	2017	104855172	SA	42825	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	4	2017	104905567	SA	42855	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	4	2017	104905567	SA	42855	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	5	2017	104940788	SA	42886	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	5	2017	104940788	SA	42886	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	6	2017	104982776	SA	42916	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	6	2017	104982776	SA	42916	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	7	2017	105055955	SA	42947	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	7	2017	105055955	SA	42947	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	8	2017	105062958	SA	42978	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	8	2017	105062958	SA	42978	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	9	2017	105121195	SA	43008	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	9	2017	105121195	SA	43008	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	10	2017	105160808	SA	43039	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	10	2017	105160808	SA	43039	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	11	2017	105180224	SA	43069	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	11	2017	105180224	SA	43069	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	12	2017	105231680	SA	43100	438684.22		
0003	Building Rent	1273 BLDG RENT	572051	12	2017	105231680	SA	43100	478867.4		
0003	Building Rent	1273 BLDG RENT	572051	12	2017	105233446	SA	43100	-63005.88		
0003	Building Rent	1273 BLDG RENT	572051	12	2017	105233446	SA	43100	-256563.54		
0003	Conroe	ARCV_01/11/2017	546010	1	2017	5001484262	WE	42746	9000		101785
0003	Conroe	ARCV_04/21/2017	546010	4	2017	5001516469	WE	42846	9000		101785
0003	Conroe	ARCV_06/15/2017	546010	6	2017	5001534435	WE	42901	9000		101785
0003	Conroe	1491-M HARRISON	572020	12	2017	105231772	AC	43097	20128		101784
0003	Danevange	JE 1671	546010	1	2017	104792939	SA	42766	-2055.67	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	2	2017	104830506	SA	42794	-1960.78	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	3	2017	104855185	SA	42825	-1865.11	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	4	2017	104904382	SA	42855	-1768.63	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	5	2017	104951333	SA	42886	-1671.35	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	6	2017	105001702	SA	42916	-1573.27	S/101320/EG/XA20	

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Profit Center	Order	Text	Document Header Text	User name
1101133				BATCH_FI
1101133				BATCH_FI
1101133				BATCH_FI
1101133				BATCH_FI
1101133				BATCH_FI
1101133				BATCH_FI
1100510	11020529	Building Rent Allocation	Jan Rent	00217015
1100510	11029422	Building Rent Allocation	Jan Rent	00217015
1100510	11020529	Building Rent Allocation	Feb Rent	00217015
1100510	11029422	Building Rent Allocation	Feb Rent	00217015
1100510	11020529	Building Rent Allocation	Mar Rent	00217015
1100510	11029422	Building Rent Allocation	Mar Rent	00217015
1100510	11020529	Building Rent Allocation	Apr Rent	00217015
1100510	11029422	Building Rent Allocation	Apr Rent	00217015
1100510	11020529	Building Rent Allocation	May Rent	00217015
1100510	11029422	Building Rent Allocation	May Rent	00217015
1100510	11020529	Building Rent Allocation	June Rent	00217015
1100510	11029422	Building Rent Allocation	June Rent	00217015
1100510	11020529	Building Rent Allocation	July Rent	00217015
1100510	11029422	Building Rent Allocation	July Rent	00217015
1100510	11020529	Building Rent Allocation	August Rent	00217015
1100510	11029422	Building Rent Allocation	August Rent	00217015
1100510	11020529	Building Rent Allocation	September Rent	00217015
1100510	11029422	Building Rent Allocation	September Rent	00217015
1100510	11020529	Building Rent Allocation	October Rent	00217015
1100510	11029422	Building Rent Allocation	October Rent	00217015
1100510	11020529	Building Rent Allocation	November Rent	00217015
1100510	11029422	Building Rent Allocation	November Rent	00217015
1100510	11020529	Building Rent Allocation	December Rent	00217015
1100510	11029422	Building Rent Allocation	December Rent	00217015
1100510	11020529	Building Rent Allocation	December Rent True-Up	00217015
1100510	11029422	Building Rent Allocation	December Rent True-Up	00217015
1101133				BATCH_MM
1101133				BATCH_MM
1101133				BATCH_MM
1101133	Lease Tower	Telecom Planning & Engine	00226561	
1101050	Transmission Lease	01/17 Capital Leases	00228638	
1101050	Transmission Lease	02/17 Capital Leases	00228638	
1101050	Transmission Lease	03/17 Capital Leases	00228638	
1101050	Transmission Lease	04/17 Capital Leases	00228638	
1101050	Transmission Lease	05/17 Capital Leases	00228638	
1101050	Transmission Lease	06/17 Capital Leases	00228638	

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To: Supports WP II-D-2.9b

Company Cod	Assignment	Reference	G/L Account	Posting Period	Fiscal Year	Document Number	Document Type	Posting Date	Amount in local currency	WBS element	Cost Center
0003	Danevange	JE 1671	546010	7	2017	105036366 SA		42947	-1474.36	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	9	2017	105120793 SA		43008	-2648.7	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	10	2017	105150190 SA		43039	-1172.67	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	11	2017	105194897 SA		43069	-1070.43	S/101320/EG/XA20	
0003	Danevange	JE 1671	546010	12	2017	105231347 SA		43100	-967.33	S/101320/EG/XA20	
0003	Danevange	5155790472	546010	1	2017	5101494068 IP		42738	14550.96	S/101320/EG/XA20	
0003	Danevange	5155824777	546010	2	2017	5101504048 IP		42767	14550.96	S/101320/EG/XA20	
0003	Danevange	5155853375	546010	3	2017	5101513293 IP		42795	14550.96	S/101320/EG/XA20	
0003	Danevange	5155885084	546010	4	2017	5101523629 IP		42828	14550.96	S/101320/EG/XA20	
0003	Danevange	5155915964	546010	5	2017	5101532303 IP		42856	14550.96	S/101320/EG/XA20	
0003	Danevange	5155957168	546010	6	2017	5101542986 IP		42887	14550.96	S/101320/EG/XA20	
0003	Danevange	5155998517	546010	7	2017	5101553123 IP		42919	14550.96	S/101320/EG/XA20	
0003	Danevange	5156035602	546010	8	2017	5101561124 IP		42948	14550.96	S/101320/EG/XA20	
0003	Danevange	5156077592	546010	9	2017	5101570751 IP		42979	14550.96	S/101320/EG/XA20	
0003	Danevange	5156116608	546010	10	2017	5101580916 IP		43010	14550.96	S/101320/EG/XA20	
0003	Danevange	5156158557	546010	11	2017	5101589566 IP		43040	14550.96	S/101320/EG/XA20	
0003	Danevange	5156191960	546010	12	2017	5101596479 IP		43070	14550.96	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	1	2017	104792939 SA		42766	2055.67	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	2	2017	104830506 SA		42794	1960.78	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	3	2017	104855185 SA		42825	1865.11	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	4	2017	104904382 SA		42855	1768.63	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	5	2017	104951333 SA		42886	1671.35	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	6	2017	105001702 SA		42916	1573.27	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	7	2017	105036366 SA		42947	1474.36	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	9	2017	105120793 SA		43008	2648.7	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	10	2017	105150190 SA		43039	1172.67	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	11	2017	105194897 SA		43069	1070.43	S/101320/EG/XA20	
0003	Danevange	JE 1671	708140	12	2017	105231347 SA		43100	967.33	S/101320/EG/XA20	
0003	Entex SC	1486	572051	1	2017	104791625 SA		42766	-5171.51		101026
0003	Entex SC	1486	572051	1	2017	104791625 SA		42766	-494.96		101026
0003	Entex SC	1486	572051	1	2017	104791625 SA		42766	-5162.11		101026
0003	Entex SC	1486	572051	2	2017	104830526 SA		42794	-5171.51		101026
0003	Entex SC	1486	572051	2	2017	104830526 SA		42794	-494.96		101026
0003	Entex SC	1486	572051	2	2017	104830526 SA		42794	-5162.11		101026
0003	Entex SC	1486	572051	3	2017	104865505 SA		42825	-5171.51		101026
0003	Entex SC	1486	572051	3	2017	104865505 SA		42825	-494.96		101026
0003	Entex SC	1486	572051	3	2017	104865505 SA		42825	-5162.11		101026
0003	Entex SC	1486	572051	4	2017	104906310 SA		42852	-5171.51		101026
0003	Entex SC	1486	572051	4	2017	104906310 SA		42852	-494.96		101026
0003	Entex SC	1486	572051	4	2017	104906310 SA		42852	-5162.11		101026
0003	Entex SC	1486	572051	5	2017	104973433 SA		42886	-5171.51		101026
0003	Entex SC	1486	572051	5	2017	104973433 SA		42886	-494.96		101026
0003	Entex SC	1486	572051	5	2017	104973433 SA		42886	-5162.11		101026
0003	Entex SC	1486	572051	6	2017	105001686 SA		42916	-5171.51		101026
0003	Entex SC	1486	572051	6	2017	105001686 SA		42916	-494.96		101026
0003	Entex SC	1486	572051	6	2017	105001686 SA		42916	-5162.11		101026
0003	Entex SC	1486	572051	7	2017	105060087 SA		42947	-5171.51		101026
0003	Entex SC	1486	572051	7	2017	105060087 SA		42947	-494.96		101026

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Profit Center	Order	Text	Document Header Text	User name
1101050		Transmission Lease	07/17 Capital Leases	00228638
1101050		Transmission Lease	08/17 & 09/17 Cap Leases	00228638
1101050		Transmission Lease	10/17 Cap Leases	00228638
1101050		Transmission Lease	11/17 Cap Leases	00228638
1101050		Transmission Lease	12/17 Cap Leases	00228638
1101050				BATCH_FI
1101050				BATCH_FI
1101050				BATCH_FI
1101050				BATCH_FI
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1101050				BATCH_FI
1101050				BATCH_FI
1101050				BATCH_FI
1101050				BATCH_FI
1101050		Transmission Lease	01/17 Capital Leases	00228638
1101050		Transmission Lease	02/17 Capital Leases	00228638
1101050		Transmission Lease	03/17 Capital Leases	00228638
1101050		Transmission Lease	04/17 Capital Leases	00228638
1101050		Transmission Lease	05/17 Capital Leases	00228638
1101050		Transmission Lease	06/17 Capital Leases	00228638
1101050		Transmission Lease	07/17 Capital Leases	00228638
1101050		Transmission Lease	08/17 & 09/17 Cap Leases	00228638
1101050		Transmission Lease	10/17 Cap Leases	00228638
1101050		Transmission Lease	11/17 Cap Leases	00228638
1101050		Transmission Lease	12/17 Cap Leases	00228638
1100500		Meter Reading SC Rent	Entex SC Rent - January 2	00210764
1100500		Corrosion SC Rent	Entex SC Rent - January 2	00210764
1100500		Houston North Rent	Entex SC Rent - January 2	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - February	00210764
1100500		Corrosion SC Rent	Entex SC Rent - February	00210764
1100500		Houston North Rent	Entex SC Rent - February	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - March 201	00210764
1100500		Corrosion SC Rent	Entex SC Rent - March 201	00210764
1100500		Houston North Rent	Entex SC Rent - March 201	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - April 201	00210764
1100500		Corrosion SC Rent	Entex SC Rent - April 201	00210764
1100500		Houston North Rent	Entex SC Rent - April 201	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - May 2017	00210764
1100500		Corrosion SC Rent	Entex SC Rent - May 2017	00210764
1100500		Houston North Rent	Entex SC Rent - May 2017	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - June 2017	00210764
1100500		Corrosion SC Rent	Entex SC Rent - June 2017	00210764
1100500		Houston North Rent	Entex SC Rent - June 2017	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - July 2017	00210764
1100500		Corrosion SC Rent	Entex SC Rent - July 2017	00210764

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To Supports WP II-D-2.9b

Company Cod	Assignment	Reference	G/L Account	Posting Period	Fiscal Year	Document Number	Document Type	Posting Date	Amount in local currency	WBS element	Cost Center
0003	Entex SC	1486	572051	7	2017	105060087 SA		42947	-5162.11		101026
0003	Entex SC	1486	572051	8	2017	105085552 SA		42978	-5171.51		101026
0003	Entex SC	1486	572051	8	2017	105085552 SA		42978	-494.96		101026
0003	Entex SC	1486	572051	8	2017	105085552 SA		42978	-5162.11		101026
0003	Entex SC	1486	572051	9	2017	105133754 SA		43008	-5171.51		101026
0003	Entex SC	1486	572051	9	2017	105133754 SA		43008	-494.96		101026
0003	Entex SC	1486	572051	9	2017	105133754 SA		43008	-5162.11		101026
0003	Entex SC	1486	572051	10	2017	105171364 SA		43039	-5171.51		101026
0003	Entex SC	1486	572051	10	2017	105171364 SA		43039	-494.96		101026
0003	Entex SC	1486	572051	10	2017	105171364 SA		43039	-5162.11		101026
0003	Entex SC	1486	572051	11	2017	105194862 SA		43069	-5171.51		101026
0003	Entex SC	1486	572051	11	2017	105194862 SA		43069	-494.96		101026
0003	Entex SC	1486	572051	11	2017	105194862 SA		43069	-5162.11		101026
0003	Entex SC	1486	572051	12	2017	105245884 SA		43100	-5171.51		101026
0003	Entex SC	1486	572051	12	2017	105245884 SA		43100	-494.96		101026
0003	Entex SC	1486	572051	12	2017	105245884 SA		43100	-5162.11		101026
0003	KPRC	5155790757	572020	1	2017	5101494070 IP		42738	9270		101391
0003	KPRC	5155824782	572020	2	2017	5101504050 IP		42767	9270		101391
0003	KPRC	5155853379	572020	3	2017	5101513295 IP		42795	9270		101391
0003	KPRC	5155885088	572020	4	2017	5101523631 IP		42828	4635		
0003	KPRC	5155885088	572020	4	2017	5101523631 IP		42828	4635		
0003	KPRC	5155915969	572020	5	2017	5101532305 IP		42856	4635		
0003	KPRC	5155915969	572020	5	2017	5101532305 IP		42856	4635		
0003	KPRC	5155957172	572020	6	2017	5101542988 IP		42887	4635		
0003	KPRC	5155957172	572020	6	2017	5101542988 IP		42887	4635		
0003	KPRC	5155998521	572020	7	2017	5101553125 IP		42919	4635		
0003	KPRC	5155998521	572020	7	2017	5101553125 IP		42919	4635		
0003	KPRC	5156036936	572020	8	2017	5101561126 IP		42948	4635		
0003	KPRC	5156036936	572020	8	2017	5101561126 IP		42948	4635		
0003	KPRC	5156077736	572020	9	2017	5101571963 IP		42979	4774.05		
0003	KPRC	5156077736	572020	9	2017	5101571963 IP		42979	4774.05		
0003	KPRC	5156116612	572020	10	2017	5101580918 IP		43010	4774.05		
0003	KPRC	5156116612	572020	10	2017	5101580918 IP		43010	4774.05		
0003	KPRC	5156158561	572020	11	2017	5101589568 IP		43040	4774.05		
0003	KPRC	5156158561	572020	11	2017	5101589568 IP		43040	4774.05		
0003	KPRC	5156192034	572020	12	2017	5101596481 IP		43070	4774.05		
0003	KPRC	5156192034	572020	12	2017	5101596481 IP		43070	4774.05		
0003	LS3 Limestone	1425	572010	6	2017	105002650 SA		42916	50000		101334

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1100500		Houston North Rent	Entex SC Rent - July 2017	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - August 20	00210764
1100500		Corrosion SC Rent	Entex SC Rent - August 20	00210764
1100500		Houston North Rent	Entex SC Rent - August 20	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - September	00210764
1100500		Corrosion SC Rent	Entex SC Rent - September	00210764
1100500		Houston North Rent	Entex SC Rent - September	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - October 2	00210764
1100500		Corrosion SC Rent	Entex SC Rent - October 2	00210764
1100500		Houston North Rent	Entex SC Rent - October 2	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - November	00210764
1100500		Corrosion SC Rent	Entex SC Rent - November	00210764
1100500		Houston North Rent	Entex SC Rent - November	00210764
1100500		Meter Reading SC Rent	Entex SC Rent - November	00210764
1100500		Corrosion SC Rent	Entex SC Rent - November	00210764
1100500		Houston North Rent	Entex SC Rent - November	00210764
1101061				BATCH_FI
1101061				BATCH_FI
1101061				BATCH_FI
1101061 81695003				BATCH_FI
1101061 81695058				BATCH_FI
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1101061 81695003				BATCH_FI
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1101061 81695003				BATCH_FI
1101061 81695058				BATCH_FI
1101000	3585		ZBA for SROW	00210764

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WP/II-D-2.9d - Functionalization of Rents/Leases

Source: Lease Agreements

2018	Assignment	G/L 1	G/L 2	Cost Ctr.	WBS	FERC 1	FERC 2	FERC 1 Name	FERC 2 Name	FERC 1 %	FERC 2 %
Entex rent of Service Center space	Entex SC	572051		101026		9310		Rents (TDCS)		100.0000%	0.0000%
CNP-Tower and ECDC	Building Rent	572051				9310		Rents (TDCS)		100.0000%	0.0000%
Danevange 345kV Transmission Corridor	Danevange	546010	708140		S/101320/EG/	5660		Misc Transmission Ex (TRAN)		100.0000%	0.0000%
City of Conroe-MCHD Lease	Conroe	572020		101784		5670	5890	Rents (TRAN)	Rents (DIST)	13.5899%	86.4101%
Space on KPRC communication tower for current voice radio system	KPRC	572020				5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
Office Space at Limestone Plant	LS3 Limestone	572010		101334		5670		Rents (TRAN)		100.0000%	0.0000%
American Tower Corp Humble Lease	ATC Humble	572020		101784		5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
2017	Assignment	G/L 1	G/L 2	Cost Ctr.	WBS	FERC 1	FERC 2	FERC 1 Name	FERC 2 Name	FERC 1 %	FERC 2 %
Entex rent of Service Center space	Entex SC	572051		101026		9310		Rents (TDCS)		100.0000%	0.0000%
CNP-Tower and ECDC	Building Rent	572051				9310		Rents (TDCS)		100.0000%	0.0000%
Danevange 345kV Transmission Corridor	Danevange	546010	708140		S/101320/EG/	5660		Misc Transmission Ex (TRAN)		100.0000%	0.0000%
City of Conroe-MCHD Lease	Conroe	572020		101784		5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
Space on KPRC communication tower for current voice radio system	KPRC	572020				5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
Office Space at Limestone Plant	LS3 Limestone	572010		101334		5670		Rents (TRAN)		100.0000%	0.0000%
American Tower Corp. Humble Lease	ATC Humble	572020		101784		5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
2016	Assignment	G/L 1	G/L 2	Cost Ctr.	WBS	FERC 1	FERC 2	FERC 1 Name	FERC 2 Name	FERC 1 %	FERC 2 %
Entex rent of Service Center space	Entex SC	572051		101026		9310		Rents (TDCS)		100.0000%	0.0000%
CNP-Tower and ECDC	Building Rent	572051				9310		Rents (TDCS)		100.0000%	0.0000%
Danevange 345kV Transmission Corridor	Danevange	546010	708140		S/101320/EG/	5660		Misc Transmission Ex (TRAN)		100.0000%	0.0000%
City of Conroe-MCHD Lease	Conroe	546010		101235		5860	9200	Meter Exp (MET)	Admin & Gen Salaries (TDCS)	66.6667%	33.3333%
Space on KPRC communication tower for current voice radio system	KPRC	572020				5670	5890	Rents (TRAN)	Rents (DIST)	50.0000%	50.0000%
Office Space at Limestone Plant	LS3 Limestone										
American Tower Corp Humble Lease	ATC Humble	546010		101235		5860		Meter Exp (MET)		100.0000%	0.0000%
2015	Assignment	G/L 1	G/L 2	Cost Ctr.	WBS	FERC 1	FERC 2	FERC 1 Name	FERC 2 Name	FERC 1 %	FERC 2 %
Entex rent of Service Center space	Entex SC	572051		101026		9310		Rents (TDCS)		100.0000%	0.0000%
CNP-Tower and ECDC	Building Rent	572051				9310		Rents (TDCS)		100.0000%	0.0000%
Danevange 345kV Transmission Corridor	Danevange	546010	708140		S/101320/EG/	5660		Misc Transmission Ex (TRAN)		100.0000%	0.0000%
City of Conroe-MCHD Lease	Conroe	546010		101235		5860	9200	Meter Exp (MET)	Admin & Gen Salaries (TDCS)	60.0000%	40.0000%
Space on KPRC communication tower for current voice radio system	KPRC	572020				5670	5890	Rents (TRAN)	Rents (DIST)	9.2321%	90.7679%
Office Space at Limestone Plant	LS3 Limestone										
American Tower Corp Humble Lease	ATC Humble	546010		101235		5860	9200	Meter Exp (MET)	Admin & Gen Salaries (TDCS)	85.2168%	14.7832%

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WP/II-D-2.9d - Functionalization of Rents/Leases

Source: Lease Agreements

2018	Assignment	TRAN	DIST	MET	TDCS	Total
Entex rent of Service Center space	Entex SC				100.0000%	100%
CNP-Tower and ECDC	Building Rent				100.0000%	100%
Danevange 345kV Transmission Corridor	Danevange	100.0000%				100%
City of Conroe-MCHD Lease	Conroe	13.5899%	86.4101%			100%
Space on KPRC communication tower for current voice radio system	KPRC	50.0000%	50.0000%			100%
Office Space at Limestone Plant	LS3 Limestone	100.0000%				100%
American Tower Corp. Humble Lease	ATC Humble	50.0000%	50.0000%			100%

2017	Assignment	TRAN	DIST	MET	TDCS	Total
Entex rent of Service Center space	Entex SC				100.0000%	100%
CNP-Tower and ECDC	Building Rent				100.0000%	100%
Danevange 345kV Transmission Corridor	Danevange	100.0000%				100%
City of Conroe-MCHD Lease	Conroe	50.0000%	50.0000%			100%
Space on KPRC communication tower for current voice radio system	KPRC	50.0000%	50.0000%			100%
Office Space at Limestone Plant	LS3 Limestone	100.0000%				100%
American Tower Corp. Humble Lease	ATC Humble	50.0000%	50.0000%			100%

2016	Assignment	TRAN	DIST	MET	TDCS	Total
Entex rent of Service Center space	Entex SC				100.0000%	100%
CNP-Tower and ECDC	Building Rent				100.0000%	100%
Danevange 345kV Transmission Corridor	Danevange	100.0000%				100%
City of Conroe-MCHD Lease	Conroe			66.6667%	33.3333%	100%
Space on KPRC communication tower for current voice radio system	KPRC	50.0000%	50.0000%			100%
Office Space at Limestone Plant	LS3 Limestone					0%
American Tower Corp. Humble Lease	ATC Humble			100.0000%		100%

2015	Assignment	TRAN	DIST	MET	TDCS	Total
Entex rent of Service Center space	Entex SC				100.0000%	100%
CNP-Tower and ECDC	Building Rent				100.0000%	100%
Danevange 345kV Transmission Corridor	Danevange	100.0000%				100%
City of Conroe-MCHD Lease	Conroe			60.0000%	40.0000%	100%
Space on KPRC communication tower for current voice radio system	KPRC	9.2321%	90.7679%			100%
Office Space at Limestone Plant	LS3 Limestone					0%
American Tower Corp. Humble Lease	ATC Humble			85.2168%	14.7832%	100%

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FERC Account	Description	Total Company	Adjustments and Known Changes			Company Total Electric
			WP II-D-3 Adj 1 EECRF	WP II-D-3 Adj 2 Direct Wages	Total Known Changes	
Transmission Expense						
Operation						
5600	Operation Super. & Engin.	3,304,380	-	140,658	140,658	3,445,038
5611	Load Dispatching	75,441	-	1,239	1,239	76,680
5612	Load Dispatching	2,618,563	-	64,127	64,127	2,682,689
5613	Load Dispatching	262,300	-	3,701	3,701	266,001
5614	Scheduling, Control, and Dispatching Services	526,899	-	14,807	14,807	541,706
5615	Reliability, Planning, and Standards	872,409	-	47,248	47,248	919,657
5617	General Studies	356,193	-	15,431	15,431	371,624
5620	Station Equipment	970,715	-	67,678	67,678	1,038,394
5630	Overhead Line Expense	1,143,209	-	70,533	70,533	1,213,743
5640	Underground Line Expense	-	-	-	-	-
5660	Misc. Transmission Expense	3,123,534	-	197,984	197,984	3,321,518
Maintenance						
5690	Maint. of Structures	1,675,242	-	118,643	118,643	1,793,885
5700	Maint. of Station Equipment	5,059,233	-	356,147	356,147	5,415,380
5710	Maint. of Overhead Lines	2,697,350	-	163,747	163,747	2,861,097
5720	Maint. of Underground Lines	-	-	-	-	-
5730	Maint. of Misc. Trans Plant	162,490	-	3,646	3,646	166,136
Subtotal		9,589,315	-	642,177	642,177	10,231,492
TOTAL TRANSMISSION EXPENSE		22,842,959	-	1,265,584	1,265,584	24,108,542
Distribution Expense						
Operation						
5810	Load Dispatching	2,007,308	-	63,032	63,032	2,070,340
5820	Station Expense	3,650,426	-	259,725	259,725	3,910,151
5830	Overhead Line Expense	8,592,142	-	423,033	423,033	9,015,175
5840	Underground Line Expense	11,355,468	-	381,431	381,431	11,736,900
5850	Street Light & Signal Systems	97,748	-	4,300	4,300	102,048
5860	Meter Expenses	12,999,903	-	601,983	601,983	13,601,885
5870	Customer Installation Expense	2,975,377	-	141,177	141,177	3,116,554
Subtotal 581-589		41,678,373	-	1,874,681	1,874,681	43,553,054
5800	Operation Super. & Engin	11,974,030	-	376,295	376,295	12,350,325
5880	Misc. Distribution Expenses	9,079,749	-	575,030	575,030	9,654,779
Subtotal 580 & 588		21,053,780	-	951,325	951,325	22,005,104
Distribution-Operation-Total		62,732,152	-	2,826,006	2,826,006	65,558,158

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FERC Account	Description	Total Company	Adjustments and Known Changes			Company Total Electric
			WP II-D-3 Adj 1 EECRF	WP II-D-3 Adj 2 Direct Wages	Total Known Changes	
<u>Maintenance</u>						
5910	Maint. of Structures	407,398	-	28,704	28,704	436,102
5920	Maint. of Station Equipment	6,667,415	-	475,384	475,384	7,142,798
5930	Maint. of Overhead Lines	17,339,663	-	923,360	923,360	18,283,023
5940	Maint. of Underground Lines	4,582,983	-	276,085	276,085	4,859,068
5960	Maint. of Street Lights	1,208,933	-	55,766	55,766	1,264,699
5970	Maint. of Meters	1,517	-	-	-	1,517
5980	Maint of Misc. Dist. Plant.(371&372)	5,245	-	291	291	5,536
Subtotal 591-598.1		30,233,154	-	1,759,590	1,759,590	31,992,743
5900	Maintenance Super.& Engin	3,529,409	-	27,487	27,487	3,556,896
Subtotal 590&598.2		3,529,409	-	27,487	27,487	3,556,896
Distribution-Maintenance-Total		33,762,563	-	1,787,077	1,787,077	35,549,640
TOTAL DISTRIBUTION EXPENSE		96,494,715	-	4,613,083	4,613,083	101,107,798
Cust. Acct., Serv., Info. & Sales Expenses						
<u>Customer Accounting Expenses</u>						
9020	Meter Reading Expense	250,377	-	1,792	1,792	252,169
9030	Customer Records & Collection	5,897,873	-	148,295	148,295	6,046,168
Subtotal 902-903		6,148,250	-	150,087	150,087	6,298,338
9010	Supervision	-	-	-	-	-
9040	Uncollectible Accounts	-	-	-	-	-
9050	Misc. Customer Account Exp.	-	-	-	-	-
Subtotal Customer Accounting		6,148,250	-	150,087	150,087	6,298,338
<u>Cust. Service & Info. Expense</u>						
9060	Customer Svc. & Infor.	-	-	-	-	-
9080	Customer Assistance	2,097,277	-	97,819	97,819	2,195,096
9090	Inform. & Instruct. Adv. Exp.	89,918	-	3,180	3,180	93,099
Subtotal 906-909		2,187,195	-	100,999	100,999	2,288,195
9070	Supervision	16,979	-	-	-	16,979
9100	Misc. Cust. Service & Inform	-	-	-	-	-
Subtotal 907&910		16,979	-	-	-	16,979
Subtotal -Cust. Service & Information		2,204,174	-	100,999	100,999	2,305,174

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

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FERC Account	Description	Total Company	Adjustments and Known Changes			Company Total Electric
			WP II-D-3 Adj 1 EECRF	WP II-D-3 Adj 2 Direct Wages	Total Known Changes	
Sales Expense						
9120	Demonstrating & Selling Exp	-	-	-	-	-
9130	Advertising Exp.	-	-	-	-	-
9170	Sales Expense	-	-	-	-	-
Subtotal 912-917		-	-	-	-	-
9110	Supervision	-	-	-	-	-
9160	Misc. Sales Exp	-	-	-	-	-
Subtotal -Sales		-	-	-	-	-
TOT. CUST. ACCT., SERV., INFO., & SALES EXP.		8,352,425	-	251,086	251,086	8,603,511
TOTAL PAYROLL EXCLUDING A&G		127,690,099	-	6,129,753	6,129,753	133,819,851
Administrative & General Expenses						
9200	Admin. & General Salaries	1,596,494	-	60,279	60,279	1,656,773
9250	Injures & Damages	1,232,612	-	847,873	847,873	2,080,485
9260	Emp Pension & Benefits	-	-	153,455	153,455	153,455
9302	Misc General Expense	4,082,221	-	(1,585,288)	(1,585,288)	2,496,933
TOTAL A&G EXPENSE		6,911,327	-	(523,682)	(523,682)	6,387,645
TOTAL PAYROLL EXPENSE		134,601,426	-	5,606,070	5,606,070	140,207,496
*Should Tie to WP II-D-3.4 Expensed Payroll		0.00		5,606.07		

Adjustment Description

Adjustment	Description
WP II-D-3 Adj 1	Adjustment to exclude Energy Efficiency
WP II-D-3 Adj 2	Adjustment to include upcoming salary expense

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

CONFIDENTIAL

Workpapers WP/II-D-3 Adj 2 and WP/II-D-3 Adj 2.1 – Payroll Expense 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.

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Source: SAP Detail Report

Cost Element	Cost Element Name	Reg/OT	Union/Non-Union	001/2018	002/2018	003/2018	004/2018	005/2018	006/2018	007/2018	008/2018	009/2018	010/2018
517991	Regular Union	Regular	Union	7,693,121	7,356,135	7,949,392	7,936,924	8,808,519	7,694,940	7,859,606	8,981,510	7,499,981	9,016,878
517999	Regular Exempt	Regular	Exempt	7,178,604	8,121,891	7,928,292	8,002,450	8,103,151	7,937,381	7,356,660	8,074,438	7,876,105	8,039,200
517995	Regular Non-Exempt	Regular	Non-Exempt	1,088,107	1,317,764	1,327,761	1,287,683	1,323,776	1,383,674	1,343,414	1,412,866	1,258,829	1,365,035
515054	Non-prod-Union	Regular	Union	2,117,282	933,660	1,550,966	1,054,004	1,248,397	1,520,044	1,832,645	1,203,042	1,432,569	822,028
515050	Non-prod-Exempt	Regular	Exempt	1,433,863	485,294	634,077	827,293	740,370	901,737	1,503,491	782,118	989,125	844,200
515052	Non-prod-Non-Exempt	Regular	Non-Exempt	350,505	124,712	128,009	208,999	153,453	174,122	237,060	165,090	196,022	143,169
Regular				19,861,481	18,339,456	19,518,498	19,317,354	20,377,665	19,611,897	20,132,876	20,619,065	19,252,632	20,230,510
517990	S&WExpOT Union 1.5	Overtime	Union	1,741,695	1,577,429	1,788,967	1,420,547	1,619,902	1,429,247	1,516,825	2,117,243	1,507,880	1,979,403
517989	S&WExpOT Union Doubl	Overtime	Union	2,822,676	3,729,617	1,384,165	2,030,135	2,230,634	1,984,811	2,575,307	2,387,874	2,367,297	4,019,724
517994	S&WOT Non-Exempt 1.5	Overtime	Non-Exempt	27,057	22,652	40,390	32,622	20,608	26,866	21,675	26,261	29,978	22,104
517997	S&WOT Non-Exempt Dbl	Overtime	Non-Exempt	1,888	102	746	894	54	339	1,781	548	649	573
517998	Overtime Exempt	Overtime	Exempt	1,455	180,793	55,014	99,626	1,076	2,266	3,078	6,143	8,709	20,352
Overtime				4,594,771	5,510,595	3,269,283	3,583,825	3,872,273	3,443,529	4,118,667	4,538,069	3,914,512	6,042,156
Regular & Overtime				24,456,252	23,850,051	22,787,781	22,901,179	24,249,938	23,055,426	24,251,543	25,157,134	23,167,144	26,272,666
515044	Bonus/Inc-Union	Bonus	Union	289,052	262,231	287,868	278,492	287,221	287,036	295,402	295,668	290,612	293,480
515040	Bonus/Inc-Exempt	Bonus	Exempt	826,003	750,608	(372,925)	823,289	847,818	818,914	851,965	860,475	4,002,518	1,219,840
515042	Bonus/Inc-Non-Exempt	Bonus	Non-Exempt	68,992	63,944	69,335	68,368	69,598	69,905	72,517	71,963	69,844	69,346
515070	Severance	Severance	Other	0	0	0	0	0	0	0	0	0	0
515080	Other Compensation	Other	Other	(0)	(29)	(114)	29	0	(29)	0	(19,791)	602	0
517988	Other Comp-Union	Other	Union	158,608	163,277	138,649	151,638	177,729	266,610	182,654	257,190	167,679	177,508
517996	Other Comp-Exempt	Other	Exempt	107,171	100,376	50,910	158,242	93,579	165,053	63,000	57,800	14,820	25,296
517992	Oth Comp-Non-Exempt	Other	Non-Exempt	8,218	14,798	2,082	5,475	7,021	12,687	4,577	9,085	6,161	2,375
518164	Performance Shares and Units	Other	Other	68,369	58,299	166,818	132,016	104,571	693	94,485	94,485	91,437	76,424
518165	Other Equity Awards	Other	Other	49,083	44,194	70,342	56,699	61,904	30,612	59,245	59,295	57,383	60,362
Non Standard Pay				1,575,496	1,457,697	412,964	1,674,249	1,649,440	1,651,480	1,623,845	1,686,171	4,701,055	1,924,630
Total Payroll				26,031,748	25,307,747	23,200,745	24,575,427	25,899,379	24,706,907	25,875,388	26,843,304	27,868,199	28,197,297

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Source: SAP Detail Report

Cost Element	Cost Element Name	Reg/OT	Union/Non-Union	011/2018	012/2018	YTD 2018
517991	Regular Union	Regular	Union	6,990,478	7,570,837	95,358,322
517999	Regular Exempt	Regular	Exempt	7,336,209	5,631,479	91,585,860
517995	Regular Non-Exempt	Regular	Non-Exempt	1,257,884	981,884	15,348,677
515054	Non-prod-Union	Regular	Union	2,653,392	1,890,247	18,258,276
515050	Non-prod-Exempt	Regular	Exempt	1,528,741	3,315,204	13,985,514
515052	Non-prod-Non-Exempt	Regular	Non-Exempt	225,970	487,884	2,594,995
Regular				19,992,674	19,877,535	237,131,643
517990	S&WExpOT Union 1.5	Overtime	Union	1,495,944	1,660,230	19,855,312
517989	S&WExpOT Union Doubl	Overtime	Union	2,187,084	1,905,124	29,624,448
517994	S&WOT Non-Exempt 1.5	Overtime	Non-Exempt	19,399	22,913	312,525
517997	S&WOT Non-Exempt Dbl	Overtime	Non-Exempt	676	967	9,216
517998	Overtime Exempt	Overtime	Exempt	126,414	3,775	508,703
Overtime				3,829,517	3,593,008	50,310,204
Regular & Overtime				23,822,190	23,470,543	287,441,847
515044	Bonus/Inc-Union	Bonus	Union	281,004	(1,070,320)	2,077,747
515040	Bonus/Inc-Exempt	Bonus	Exempt	1,182,004	1,367,582	13,178,092
515042	Bonus/Inc-Non-Exempt	Bonus	Non-Exempt	68,766	71,458	834,036
515070	Severance	Severance	Other	0	0	0
515080	Other Compensation	Other	Other	(0)	19,720	388
517988	Other Comp-Union	Other	Union	275,874	162,807	2,280,220
517996	Other Comp-Exempt	Other	Exempt	115,669	67,756	1,019,670
517992	Oth Comp-Non-Exempt	Other	Non-Exempt	5,895	1,792	80,165
518164	Performance Shares and Units	Other	Other	91,120	127,930	1,106,648
518165	Other Equity Awards	Other	Other	60,579	79,599	689,297
Non Standard Pay				2,080,911	828,322	21,266,261
Total Payroll				25,903,101	24,298,866	308,708,108

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WORKPAPERS TO RATE FILING PACKAGE OF CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

WP/II-D-3b, WP/II-D-3c.1, WP/II-D-3c.2, WP/II-D-3d, WP/II-D-3e, WP/II-D-3f, and WP/II-D-3g –
Payroll Expense

is voluminous and will be provided in electronic
format.

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

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

Schedule II-D-3.2 - Payroll presentation: By regular vs. overtime vs. contract vs. other

Regular Payroll

GL Accounts Related to Regular Payroll:

515050 Non-prod-Exempt
 515052 Non-prod-Non-Exempt
 515054 Non-prod-Union
 517991 Regular Union
 517995 Regular Non-Exempt
 517999 Regular Exempt

Overtime Payroll

GL Accounts Related to Overtime Payroll:

517989 OT Union - Double
 517990 Overtime Union-L.5X
 517994 OT Non-Exempt(1.5)
 517997 OT Non-Exempt (Dbl)
 517998 Overtime Exempt

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	3,031,017	12,504,447	2,923,702	1,402,315	19,861,481
002/2018	2,798,744	11,546,206	2,699,653	1,294,853	18,339,456
003/2018	2,978,675	12,288,511	2,873,214	1,378,099	19,518,498
004/2018	2,947,979	12,161,874	2,843,604	1,363,897	19,317,354
005/2018	3,109,791	12,829,427	2,999,687	1,438,760	20,377,665
006/2018	2,992,929	12,347,313	2,886,962	1,384,693	19,611,897
007/2018	3,072,434	12,675,313	2,963,653	1,421,477	20,132,876
008/2018	3,146,630	12,981,409	3,035,222	1,455,804	20,619,065
009/2018	2,938,102	12,121,126	2,834,077	1,359,327	19,252,632
010/2018	3,087,334	12,736,781	2,978,025	1,428,370	20,230,510
011/2018	3,051,038	12,587,044	2,943,014	1,411,578	19,992,674
012/2018	3,033,467	12,514,554	2,926,066	1,403,448	19,877,535
Grand Total	36,188,139	149,294,005	34,906,890	16,742,619	237,131,643

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	701,198	2,892,789	676,372	324,413	4,594,771
002/2018	840,960	3,469,376	811,185	389,074	5,510,595
003/2018	498,918	2,058,284	481,254	230,827	3,269,283
004/2018	546,920	2,256,314	527,556	253,035	3,583,825
005/2018	590,939	2,437,917	570,017	273,401	3,872,273
006/2018	525,509	2,167,986	506,903	243,129	3,443,529
007/2018	628,541	2,593,042	606,287	290,797	4,118,667
008/2018	692,545	2,857,090	668,025	320,409	4,538,069
009/2018	597,385	2,464,510	576,234	276,383	3,914,512
010/2018	922,080	3,804,038	889,433	426,605	6,042,156
011/2018	584,414	2,410,998	563,723	270,382	3,829,517
012/2018	548,321	2,262,096	528,908	253,683	3,593,008
Grand Total	7,677,730	31,674,439	7,405,896	3,552,139	50,310,204

Contract Payroll

GL Accounts Related to Contract Payroll:

Other Payroll

GL Accounts Related to Other Payroll:

515040 Bonus/Inc-Exempt
 515042 Bonus/Inc-Non-Exempt
 515044 Bonus/Inc-Union
 515070 Severance
 515080 Other Compensation
 517988 Other Comp-Union
 517992 Oth Comp-Non-Exempt
 517996 Other Comp-Exempt
 518164 Performance Shares and Units
 518165 Other Equity Awards

Pivot Table

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	240,433	991,905	231,920	111,238	1,575,496
002/2018	222,456	917,741	214,580	102,920	1,457,697
003/2018	63,022	259,995	60,790	29,157	412,964
004/2018	255,503	1,054,078	246,457	118,210	1,674,249
005/2018	251,717	1,038,459	242,805	116,458	1,649,440
006/2018	252,029	1,039,744	243,106	116,602	1,651,480
007/2018	247,811	1,022,345	239,037	114,651	1,623,845
008/2018	257,323	1,061,584	248,212	119,052	1,686,171
009/2018	717,418	2,959,704	692,017	331,917	4,701,055
010/2018	293,714	1,211,714	283,315	135,888	1,924,630
011/2018	317,563	1,310,106	306,320	146,922	2,080,911
012/2018	126,408	521,497	121,933	58,483	828,322
Grand Total	3,245,397	13,388,872	3,130,492	1,501,499	21,266,261

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Total Gross Payroll

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	3,972,648	16,389,141	3,831,994	1,837,965	26,031,748
002/2018	3,862,160	15,933,323	3,725,418	1,786,847	25,307,747
003/2018	3,540,615	14,606,790	3,415,258	1,638,083	23,200,745
004/2018	3,750,402	15,472,266	3,617,617	1,735,142	24,575,427
005/2018	3,952,447	16,305,803	3,812,509	1,828,619	25,899,379
006/2018	3,770,467	15,555,044	3,636,971	1,744,425	24,706,907
007/2018	3,948,786	16,290,699	3,808,977	1,826,925	25,875,388
008/2018	4,096,498	16,900,083	3,951,459	1,895,265	26,843,304
009/2018	4,252,905	17,545,339	4,102,328	1,967,627	27,868,199
010/2018	4,303,128	17,752,533	4,150,773	1,990,863	28,197,297
011/2018	3,953,015	16,308,147	3,813,057	1,828,882	25,903,101
012/2018	3,708,197	15,298,148	3,576,906	1,715,615	24,298,866
Grand Total	47,111,266	194,357,317	45,443,268	21,796,257	308,708,108

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

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

Schedule II-D-3.2 - Payroll presentation: By regular vs. overtime vs. contract vs. other

Regular Payroll

Reference to Pivot Table Above					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	3,031,017	12,504,447	2,923,702	1,402,315	19,861,481
002/2018	2,798,744	11,546,206	2,699,653	1,294,853	18,339,456
003/2018	2,978,675	12,288,511	2,873,214	1,378,099	19,518,498
004/2018	2,947,979	12,161,874	2,843,604	1,363,897	19,317,354
005/2018	3,109,791	12,829,427	2,999,687	1,438,760	20,377,665
006/2018	2,992,929	12,347,313	2,886,962	1,384,693	19,611,897
007/2018	3,072,434	12,675,313	2,963,653	1,421,477	20,132,876
008/2018	3,146,630	12,981,409	3,035,222	1,455,804	20,619,065
009/2018	2,938,102	12,121,126	2,834,077	1,359,327	19,252,632
010/2018	3,087,334	12,736,781	2,978,025	1,428,370	20,230,510
011/2018	3,051,038	12,587,044	2,943,014	1,411,578	19,992,674
012/2018	3,033,467	12,514,554	2,926,066	1,403,448	19,877,535
Grand Total	36,188,139	149,294,005	34,906,880	16,742,619	237,131,643

Check >>>

Overtime Payroll

Reference to Pivot Table Above					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	701,198	2,892,789	676,372	324,413	4,594,771
002/2018	840,960	3,469,376	811,185	389,074	5,510,595
003/2018	498,918	2,058,284	481,254	230,827	3,269,283
004/2018	546,920	2,256,314	527,556	253,035	3,583,825
005/2018	590,939	2,437,917	570,017	273,401	3,872,273
006/2018	525,509	2,167,986	506,903	243,129	3,443,529
007/2018	628,541	2,593,042	606,287	290,797	4,118,667
008/2018	692,545	2,857,090	668,025	320,409	4,538,069
009/2018	597,385	2,464,510	576,234	276,383	3,914,512
010/2018	922,080	3,804,038	889,433	426,605	6,042,156
011/2018	584,414	2,410,998	563,723	270,382	3,829,517
012/2018	548,321	2,262,096	528,908	253,683	3,593,008
Grand Total	7,677,730	31,674,439	7,405,896	3,552,139	50,310,204

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Contract Payroll					
Reference to Pivot Table Above					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	-	-	-	-	-
002/2018	-	-	-	-	-
003/2018	-	-	-	-	-
004/2018	-	-	-	-	-
005/2018	-	-	-	-	-
006/2018	-	-	-	-	-
007/2018	-	-	-	-	-
008/2018	-	-	-	-	-
009/2018	-	-	-	-	-
010/2018	-	-	-	-	-
011/2018	-	-	-	-	-
012/2018	-	-	-	-	-
Grand Total	-	-	-	-	-

Other Payroll					
Reference to Pivot Table Above					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	240,433	991,905	231,920	111,238	1,575,496
002/2018	222,456	917,741	214,580	102,920	1,457,697
003/2018	63,022	259,995	60,790	29,157	412,964
004/2018	255,503	1,054,078	246,457	118,210	1,674,249
005/2018	251,717	1,038,459	242,805	116,458	1,649,440
006/2018	252,029	1,039,744	243,106	116,602	1,651,480
007/2018	247,811	1,022,345	239,037	114,651	1,623,845
008/2018	257,323	1,061,584	248,212	119,052	1,686,171
009/2018	717,418	2,959,704	692,017	331,917	4,701,055
010/2018	293,714	1,211,714	283,315	135,888	1,924,630
011/2018	317,563	1,310,106	306,320	146,922	2,080,911
012/2018	126,408	521,497	121,933	58,483	828,322
Grand Total	3,245,397	13,388,872	3,130,492	1,501,499	21,266,261

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

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

Schedule II-D-3.3 - Payroll presentation: By union vs. exempt vs. non-exempt

Union Payroll

GL Accounts Related to Union Payroll:
 515054 Non-prod-Union
 517991 Regular Union

Exempt Payroll

GL Accounts Related to Exempt Payroll:
 515050 Non-prod-Exempt
 517999 Regular Exempt

Pivot Table
 G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	1,497,144	6,176,461	1,444,137	692,661	9,810,402
002/2018	1,265,087	5,219,112	1,220,296	585,299	8,289,795
003/2018	1,449,829	5,981,262	1,398,497	670,770	9,500,358
004/2018	1,372,086	5,660,534	1,323,506	634,802	8,990,929
005/2018	1,534,764	6,331,661	1,480,425	710,066	10,056,916
006/2018	1,406,278	5,801,595	1,356,488	650,622	9,214,984
007/2018	1,479,113	6,102,075	1,426,744	684,319	9,692,251
008/2018	1,554,242	6,412,019	1,499,213	719,078	10,184,552
009/2018	1,363,177	5,623,780	1,314,913	630,680	8,932,550
010/2018	1,501,494	6,194,406	1,448,333	694,673	9,838,906
011/2018	1,471,730	6,071,615	1,419,623	680,903	9,643,870
012/2018	1,443,835	5,956,536	1,392,716	667,997	9,461,084
Grand Total	17,338,779	71,531,057	16,724,891	8,021,871	113,616,598

Pivot Table
 G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	1,314,330	5,422,261	1,267,795	608,081	8,612,467
002/2018	1,313,524	5,418,936	1,267,018	607,708	8,607,185
003/2018	1,306,684	5,390,721	1,260,421	604,544	8,562,370
004/2018	1,347,488	5,559,055	1,299,779	623,422	8,829,743
005/2018	1,349,590	5,567,729	1,301,807	624,395	8,843,521
006/2018	1,348,918	5,564,956	1,301,159	624,084	8,839,117
007/2018	1,352,128	5,578,199	1,304,255	625,569	8,860,151
008/2018	1,351,580	5,575,936	1,303,726	625,315	8,856,556
009/2018	1,352,903	5,581,396	1,305,003	625,927	8,865,230
010/2018	1,355,676	5,592,836	1,307,678	627,210	8,883,400
011/2018	1,352,860	5,581,220	1,304,962	625,907	8,864,949
012/2018	1,365,334	5,632,678	1,316,993	631,678	8,946,683
Grand Total	16,111,016	66,465,922	15,540,597	7,453,840	105,571,374

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Non-Exempt Payroll

GL Accounts Related to Non-Exempt Payroll:
 515052 Non-prod-Non-Exempt
 517995 Regular Non-Exempt

Reconcile To Total Regular Payroll

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	219,543	905,725	211,770	101,573	1,438,612
002/2018	220,133	908,158	212,339	101,846	1,442,476
003/2018	222,162	916,528	214,296	102,784	1,455,771
004/2018	228,405	942,285	220,319	105,673	1,496,682
005/2018	225,437	930,038	217,455	104,299	1,477,228
006/2018	237,732	980,762	229,315	109,988	1,557,796
007/2018	241,193	995,039	232,653	111,589	1,580,474
008/2018	240,808	993,454	232,283	111,411	1,577,956
009/2018	222,022	915,950	214,161	102,719	1,454,852
010/2018	230,164	949,539	222,015	106,486	1,508,204
011/2018	226,448	934,209	218,430	104,767	1,483,854
012/2018	224,298	925,340	216,357	103,773	1,469,768
Grand Total	2,738,344	11,297,027	2,641,392	1,266,908	17,943,671

Pivot Table

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	3,031,017	12,504,447	2,923,702	1,402,315	19,861,481
002/2018	2,798,744	11,546,206	2,699,653	1,294,853	18,339,456
003/2018	2,978,675	12,288,511	2,873,214	1,378,099	19,518,498
004/2018	2,947,979	12,161,874	2,843,604	1,363,897	19,317,354
005/2018	3,109,791	12,829,427	2,999,687	1,438,760	20,377,665
006/2018	2,992,929	12,347,313	2,886,962	1,384,693	19,611,897
007/2018	3,072,434	12,675,313	2,963,653	1,421,477	20,132,876
008/2018	3,146,630	12,981,409	3,035,222	1,455,804	20,619,065
009/2018	2,938,102	12,121,126	2,834,077	1,359,327	19,252,632
010/2018	3,087,334	12,736,781	2,978,025	1,428,370	20,230,510
011/2018	3,051,038	12,587,044	2,943,014	1,411,578	19,992,674
012/2018	3,033,467	12,514,554	2,926,066	1,403,448	19,877,535
Grand Total	36,188,139	149,294,005	34,906,880	16,742,619	237,131,643

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

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

Schedule II-D-3.3 - Payroll presentation: By union vs. exempt vs. non-exempt

Union Payroll					
Reference to Pivot Table Above with Adjustment to December (Orange Highlight)					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	1,497,144	6,176,461	1,444,137	692,661	9,810,402
002/2018	1,265,087	5,219,112	1,220,296	585,299	8,289,795
003/2018	1,449,829	5,981,262	1,398,497	670,770	9,500,358
004/2018	1,372,086	5,660,534	1,323,506	634,802	8,990,929
005/2018	1,534,764	6,331,661	1,480,425	710,066	10,056,916
006/2018	1,406,278	5,801,595	1,356,488	650,622	9,214,984
007/2018	1,479,113	6,102,075	1,426,744	684,319	9,692,251
008/2018	1,554,242	6,412,019	1,499,213	719,078	10,184,552
009/2018	1,363,177	5,623,780	1,314,913	630,680	8,932,550
010/2018	1,501,494	6,194,406	1,448,333	694,673	9,838,906
011/2018	1,471,730	6,071,615	1,419,623	680,903	9,643,870
012/2018	1,443,835	5,956,536	1,392,716	667,997	9,461,084
Grand Total	17,338,779	71,531,057	16,724,891	8,021,871	113,616,598

Check >>>

Exempt Payroll					
Reference to Pivot Table Above with Adjustment to December (Orange Highlight)					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	1,314,330	5,422,261	1,267,795	608,081	8,612,467
002/2018	1,313,524	5,418,936	1,267,018	607,708	8,607,185
003/2018	1,306,684	5,390,721	1,260,421	604,544	8,562,370
004/2018	1,347,488	5,559,055	1,299,779	623,422	8,829,743
005/2018	1,349,590	5,567,729	1,301,807	624,395	8,843,521
006/2018	1,348,918	5,564,956	1,301,159	624,084	8,839,117
007/2018	1,352,128	5,578,199	1,304,255	625,569	8,860,151
008/2018	1,351,580	5,575,936	1,303,726	625,315	8,856,556
009/2018	1,352,903	5,581,396	1,305,003	625,927	8,865,230
010/2018	1,355,676	5,592,836	1,307,678	627,210	8,883,400
011/2018	1,352,860	5,581,220	1,304,962	625,907	8,864,949
012/2018	1,365,334	5,632,678	1,316,993	631,678	8,946,683
Grand Total	16,111,016	66,465,922	15,540,597	7,453,840	105,571,374

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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Non-Exempt Payroll						Reconcile To Total Regular Payroll					
Reference to Pivot Table Above with Adjustment to December (Orange Highlight)						Reference to Pivot Table Above with Adjustment to December (Orange Highlight)					
Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total	Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	219,543	905,725	211,770	101,573	1,438,612	001/2018	3,031,017	12,504,447	2,923,702	1,402,315	19,861,481
002/2018	220,133	908,158	212,339	101,846	1,442,476	002/2018	2,798,744	11,546,206	2,699,653	1,294,853	18,339,456
003/2018	222,162	916,528	214,296	102,784	1,455,771	003/2018	2,978,675	12,288,511	2,873,214	1,378,099	19,518,498
004/2018	228,405	942,285	220,319	105,673	1,496,682	004/2018	2,947,979	12,161,874	2,843,604	1,363,897	19,317,354
005/2018	225,437	930,038	217,455	104,299	1,477,228	005/2018	3,109,791	12,829,427	2,999,687	1,438,760	20,377,665
006/2018	237,732	980,762	229,315	109,988	1,557,796	006/2018	2,992,929	12,347,313	2,886,962	1,384,693	19,611,897
007/2018	241,193	995,039	232,653	111,589	1,580,474	007/2018	3,072,434	12,675,313	2,963,653	1,421,477	20,132,876
008/2018	240,808	993,454	232,283	111,411	1,577,956	008/2018	3,146,630	12,981,409	3,035,222	1,455,804	20,619,065
009/2018	222,022	915,950	214,161	102,719	1,454,852	009/2018	2,938,102	12,121,126	2,834,077	1,359,327	19,252,632
010/2018	230,164	949,539	222,015	106,486	1,508,204	010/2018	3,087,334	12,736,781	2,978,025	1,428,370	20,230,510
011/2018	226,448	934,209	218,430	104,767	1,483,854	011/2018	3,051,038	12,587,044	2,943,014	1,411,578	19,992,674
012/2018	224,298	925,340	216,357	103,773	1,469,768	012/2018	3,033,467	12,514,554	2,926,066	1,403,448	19,877,535
Grand Total	2,738,344	11,297,027	2,641,392	1,266,908	17,943,671	Grand Total	36,188,139	149,294,005	34,906,880	16,742,619	237,131,643

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 TEST YEAR ENDED 12/31/2018

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

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

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

Capitalized Payroll

GL Accounts Related to Capitalized Payroll:
 515000 to 517999 Labor GL Accounts

Expensed Payroll

GL Accounts Related to Expensed Payroll:
 515000 to 517999 Labor GL Accounts

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Cap: TRAN	Sum of Cap: DIST	Sum of Cap: MET	Sum of Cap: TDCS	Sum of Cap: TOTAL
001/2018	1,709,180	7,051,215	1,648,666	790,760	11,199,821
002/2018	2,066,433	8,525,061	1,993,270	956,045	13,540,810
003/2018	1,727,046	7,124,919	1,665,899	799,026	11,316,890
004/2018	1,778,311	7,336,414	1,715,349	822,744	11,652,818
005/2018	1,934,770	7,981,885	1,866,269	895,131	12,678,055
006/2018	1,932,512	7,972,572	1,864,091	894,086	12,663,261
007/2018	1,942,567	8,014,053	1,873,790	898,738	12,729,148
008/2018	1,848,015	7,623,978	1,782,585	854,993	12,109,571
009/2018	1,751,191	7,224,530	1,689,189	810,197	11,475,106
010/2018	2,203,339	9,089,863	2,125,328	1,019,385	14,437,915
011/2018	1,796,191	7,410,179	1,732,596	831,017	11,769,983
012/2018	1,850,317	7,633,475	1,784,806	856,058	12,124,656
Grand Total	22,539,873	92,988,143	21,741,837	10,428,182	147,698,035

Pivot Table

G/L Account (Multiple Items)

Row Labels	Sum of Exp: TRAN	Sum of Exp: DIST	Sum of Exp: MET	Sum of Exp: TDCS	Sum of Exp: TOTAL
001/2018	1,911,458	7,885,711	1,843,782	884,345	12,525,296
002/2018	1,447,305	5,970,849	1,396,062	669,603	9,483,818
003/2018	1,487,102	6,135,032	1,434,450	688,015	9,744,599
004/2018	1,650,123	6,807,573	1,591,699	763,437	10,812,832
005/2018	1,680,565	6,933,165	1,621,064	777,522	11,012,316
006/2018	1,504,710	6,207,675	1,451,435	696,161	9,859,981
007/2018	1,672,805	6,901,151	1,613,579	773,932	10,961,468
008/2018	1,900,040	7,838,608	1,832,768	879,063	12,450,479
009/2018	2,188,683	9,029,404	2,111,192	1,012,605	14,341,884
010/2018	1,740,299	7,179,396	1,678,683	805,158	11,403,736
011/2018	1,833,657	7,564,743	1,768,735	848,350	12,015,485
012/2018	1,524,480	6,289,236	1,470,505	705,308	9,989,530
Grand Total	20,541,228	84,742,743	19,813,955	9,503,499	134,601,426

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 TEST YEAR ENDED 12/31/2018

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Other Payroll

Reconcile To Total Payroll

GL Accounts Related to Other Payroll:
 515000 to 517999 Labor GL Accounts

Pivot Table
 G/L Account (All)

Row Labels	Sum of Other: TRAN	Sum of Other: DIST	Sum of Other: MET	Sum of Other: TDCS	Sum of Other-TOTAL
001/2018	352,010	1,452,215	339,547	162,859	2,306,631
002/2018	348,422	1,437,412	336,086	161,199	2,283,119
003/2018	326,467	1,346,839	314,909	151,042	2,139,257
004/2018	321,968	1,328,279	310,569	148,960	2,109,777
005/2018	337,112	1,390,753	325,176	155,966	2,209,008
006/2018	333,244	1,374,797	321,445	154,177	2,183,664
007/2018	333,413	1,375,495	321,609	154,255	2,184,772
008/2018	348,442	1,437,497	336,106	161,209	2,283,254
009/2018	313,030	1,291,406	301,947	144,825	2,051,209
010/2018	359,490	1,483,074	346,762	166,320	2,355,645
011/2018	323,167	1,333,226	311,725	149,515	2,117,633
012/2018	333,399	1,375,437	321,595	154,249	2,184,679
Grand Total	4,030,166	16,626,431	3,887,476	1,864,576	26,408,648

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	3,972,648	16,389,141	3,831,994	1,837,965	26,031,748
002/2018	3,862,160	15,933,323	3,725,418	1,786,847	25,307,747
003/2018	3,540,615	14,606,790	3,415,258	1,638,083	23,200,745
004/2018	3,750,402	15,472,266	3,617,617	1,735,142	24,575,427
005/2018	3,952,447	16,305,803	3,812,509	1,828,619	25,899,379
006/2018	3,770,467	15,555,044	3,636,971	1,744,425	24,706,907
007/2018	3,948,786	16,290,699	3,808,977	1,826,925	25,875,388
008/2018	4,096,498	16,900,083	3,951,459	1,895,265	26,843,304
009/2018	4,252,905	17,545,339	4,102,328	1,967,627	27,868,199
010/2018	4,303,128	17,752,533	4,150,773	1,990,863	28,197,297
011/2018	3,953,015	16,308,147	3,813,057	1,828,882	25,903,101
012/2018	3,708,197	15,298,148	3,576,906	1,715,615	24,298,866
Grand Total	47,111,266	194,357,317	45,443,268	21,796,257	308,708,108

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

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

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

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

Capitalized Payroll	Expensed Payroll
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Reference to Pivot Table Above with Adjustment to December (Orange Highlight)						Reference to Pivot Table Above with Adjustment to December (Orange Highlight)					
Month	Sum of Cap: TRAN	Sum of Cap: DIST	Sum of Cap: MET	Sum of Cap: TDCS	Grand Total	Month	Sum of Exp: TRAN	Sum of Exp: DIST	Sum of Exp: MET	Sum of Exp: TDCS	Grand Total
001/2018	1,709,180	7,051,215	1,648,666	790,760	11,199,821	001/2018	1,911,458	7,885,711	1,843,782	884,345	12,525,296
002/2018	2,066,433	8,525,061	1,993,270	956,045	13,540,810	002/2018	1,447,305	5,970,849	1,396,062	669,603	9,483,818
003/2018	1,727,046	7,124,919	1,665,899	799,026	11,316,890	003/2018	1,487,102	6,135,032	1,434,450	688,015	9,744,599
004/2018	1,778,311	7,336,414	1,715,349	822,744	11,652,818	004/2018	1,650,123	6,807,573	1,591,699	763,437	10,812,832
005/2018	1,934,770	7,981,885	1,866,269	895,131	12,678,055	005/2018	1,680,565	6,933,165	1,621,064	777,522	11,012,316
006/2018	1,932,512	7,972,572	1,864,091	894,086	12,663,261	006/2018	1,504,710	6,207,675	1,451,435	696,161	9,859,981
007/2018	1,942,567	8,014,053	1,873,790	898,738	12,729,148	007/2018	1,672,805	6,901,151	1,613,579	773,932	10,961,468
008/2018	1,848,015	7,623,978	1,782,585	854,993	12,109,571	008/2018	1,900,040	7,838,608	1,832,768	879,063	12,450,479
009/2018	1,751,191	7,224,530	1,689,189	810,197	11,475,106	009/2018	2,188,683	9,029,404	2,111,192	1,012,605	14,341,884
010/2018	2,203,339	9,089,863	2,125,328	1,019,385	14,437,915	010/2018	1,740,299	7,179,596	1,678,683	805,158	11,403,736
011/2018	1,796,191	7,410,179	1,732,596	831,017	11,769,983	011/2018	1,833,657	7,564,743	1,768,735	848,350	12,015,485
012/2018	1,850,317	7,633,475	1,784,806	856,058	12,124,656	012/2018	1,524,480	6,289,236	1,470,505	705,308	9,989,530
Grand Total	22,539,873	92,988,143	21,741,837	10,428,182	147,698,035	Grand Total	20,541,228	84,742,743	19,813,955	9,503,499	134,601,426

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

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Other Payroll						Reconcile To Total Payroll					
Reference to Pivot Table Above with Adjustment to December (Orange Highlight)						Reference to Pivot Table Above with Adjustment to December (Orange Highlight)					
Month	Sum of Other: TRAN	Sum of Other: DIST	Sum of Other: MET	Sum of Other: TDCS	Grand Total	Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	352,010	1,452,215	339,547	162,859	2,306,631	001/2018	3,972,648	16,389,141	3,831,994	1,837,965	26,031,748
002/2018	348,422	1,437,412	336,086	161,199	2,283,119	002/2018	3,862,160	15,933,323	3,725,418	1,786,847	25,307,747
003/2018	326,467	1,346,839	314,909	151,042	2,139,257	003/2018	3,540,615	14,606,790	3,415,258	1,638,083	23,200,745
004/2018	321,968	1,328,279	310,569	148,960	2,109,777	004/2018	3,750,402	15,472,266	3,617,617	1,735,142	24,575,427
005/2018	337,112	1,390,753	325,176	155,966	2,209,008	005/2018	3,952,447	16,305,803	3,812,509	1,828,619	25,899,379
006/2018	333,244	1,374,797	321,445	154,177	2,183,664	006/2018	3,770,467	15,555,044	3,636,971	1,744,425	24,706,907
007/2018	333,413	1,375,495	321,609	154,255	2,184,772	007/2018	3,948,786	16,290,699	3,808,977	1,826,925	25,875,388
008/2018	348,442	1,437,497	336,106	161,209	2,283,254	008/2018	4,096,498	16,900,083	3,951,459	1,895,265	26,843,304
009/2018	313,030	1,291,406	301,947	144,825	2,051,209	009/2018	4,252,905	17,545,339	4,102,328	1,967,627	27,868,199
010/2018	359,490	1,483,074	346,762	166,320	2,355,645	010/2018	4,303,128	17,752,533	4,150,773	1,990,863	28,197,297
011/2018	323,167	1,333,226	311,725	149,515	2,117,633	011/2018	3,953,015	16,308,147	3,813,057	1,828,882	25,903,101
012/2018	333,399	1,375,437	321,595	154,249	2,184,679	012/2018	3,708,197	15,298,148	3,576,906	1,715,615	24,298,866
Grand Total	4,030,166	16,626,431	3,887,476	1,864,576	26,408,648	Grand Total	47,111,266	194,357,317	45,443,268	21,796,257	308,708,108

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

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Month	Full-Time Employees	Part-Time Employees	Temporary Employees	Total Employees	Vacant Position
Test Year					
January 31, 2018	2,783	2	21	2,806	*
February 28, 2018	2,802	2	21	2,825	*
March 31, 2018	2,789	2	21	2,812	*
April 30, 2018	2,775	2	21	2,798	*
May 31, 2018	2,777	2	17	2,796	*
June 30, 2018	2,778	2	39	2,819	*
July 31, 2018	2,771	2	39	2,812	*
August 31, 2018	2,794	2	24	2,820	*
September 30, 2018	2,786	2	23	2,811	*
October 31, 2018	2,777	2	23	2,802	*
November 30, 2018	2,776	2	23	2,801	*
December 31, 2018	2,784	2	10	2,796	*
Average for Test Year	2,783	2	24	2,808	*

First Two Months Subsequent to Test Year

January 31, 2019	*
February 28, 2019	*

Prior Three Years

2017	2,771	2	7	2,780	*
2016	2,744	5	9	2,758	*
2015	2,665	6	8	2,679	*

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

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

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

Update required

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

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HeadCount (Prior Years)
 Source: SAP Detail

Year 2017

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

Year 2016

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

Year 2015

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

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 TEST YEAR ENDED 12/31/2018

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

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

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

Bonus Payroll

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

Severance Payroll

GL Accounts Related to Severance Payroll:
 515070 Severance

Pivot Table
 G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL
001/2018	180,695	745,456	174,297	83,599	1,184,048
002/2018	164,325	677,923	158,507	76,026	1,076,782
003/2018	(2,399)	(9,898)	(2,314)	(1,110)	(15,722)
004/2018	178,574	736,706	172,251	82,618	1,170,150
005/2018	183,837	758,419	177,328	85,053	1,204,637
006/2018	179,445	740,298	173,091	83,021	1,175,855
007/2018	186,164	768,018	179,573	86,130	1,219,884
008/2018	187,419	773,195	180,783	86,710	1,228,106
009/2018	665,824	2,746,853	642,250	308,047	4,362,974
010/2018	241,527	996,419	232,976	111,744	1,582,666
011/2018	233,761	964,378	225,484	108,150	1,531,774
012/2018	56,270	232,140	54,277	26,033	368,721
Grand Total	2,455,440	10,129,908	2,368,504	1,136,021	16,089,874

Pivot Table

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

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Other Payroll	Reconcile To Total Other Payroll
---------------	----------------------------------

GL Accounts Related to Other Payroll:
 515080 Other Compensation
 517988 Other Comp-Union
 517992 Oth Comp-Non-Exempt
 517996 Other Comp-Exempt

Pivot Table
 G/L Account (Multiple Items)

Row Labels	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Sum of Tot: TOTAL	Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	59,738	246,449	57,623	27,638	391,449	001/2018	240,433	991,905	231,920	111,238	1,575,496
002/2018	58,131	239,817	56,072	26,894	380,915	002/2018	222,456	917,741	214,580	102,920	1,457,697
003/2018	65,421	269,893	63,105	30,267	428,686	003/2018	63,022	259,995	60,790	29,157	412,964
004/2018	76,929	317,372	74,206	35,592	504,099	004/2018	255,503	1,054,076	246,457	118,210	1,674,249
005/2018	67,880	280,041	65,477	31,405	444,804	005/2018	251,717	1,038,459	242,805	116,458	1,649,440
006/2018	72,584	299,446	70,014	33,581	475,626	006/2018	252,029	1,039,744	243,106	116,602	1,651,480
007/2018	61,648	254,326	59,465	28,522	403,960	007/2018	247,811	1,022,345	239,037	114,651	1,623,845
008/2018	69,904	288,389	67,429	32,342	458,064	008/2018	257,323	1,061,584	248,212	119,052	1,686,171
009/2018	51,594	212,850	49,767	23,870	338,081	009/2018	717,418	2,959,704	692,017	331,917	4,701,055
010/2018	52,186	215,295	50,339	24,144	341,965	010/2018	293,714	1,211,714	283,315	135,888	1,924,630
011/2018	83,803	345,727	80,836	38,772	549,137	011/2018	317,563	1,310,106	306,320	146,922	2,080,911
012/2018	70,139	289,357	67,655	32,450	459,602	012/2018	126,408	521,497	121,933	58,483	828,322
Grand Total	789,957	3,258,964	761,988	365,477	5,176,387	Grand Total	3,245,397	13,388,872	3,130,492	1,501,499	21,266,261

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

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

Payroll-Related Schedules Overall View	
II-D-3	Payroll presentation: By FERC
II-D-3 1	Narrative Payroll information
II-D-3 2	Payroll presentation: By regular vs. overtime vs. contract vs. other
II-D-3 3	Payroll presentation: By union vs. exempt vs. non-exempt
II-D-3 4	Payroll presentation: By capitalized vs. expensed
II-D-3 6	Payroll presentation: By bonus vs. severance vs. other

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

Bonus Payroll

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

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	180,695	745,456	174,297	83,599	1,184,048
002/2018	164,325	677,923	158,507	76,026	1,076,782
003/2018	(2,399)	(9,898)	(2,314)	(1,110)	(15,722)
004/2018	178,574	736,706	172,251	82,618	1,170,150
005/2018	183,837	758,419	177,328	85,053	1,204,637
006/2018	179,445	740,298	173,091	83,021	1,175,855
007/2018	186,164	768,018	179,573	86,130	1,219,884
008/2018	187,419	773,195	180,783	86,710	1,228,106
009/2018	665,824	2,746,853	642,250	308,047	4,362,974
010/2018	241,527	996,419	232,976	111,744	1,582,666
011/2018	233,761	964,378	225,484	108,150	1,531,774
012/2018	56,270	232,140	54,277	26,033	368,721
Grand Total	2,455,440	10,129,908	2,368,504	1,136,021	16,089,874

Severance Payroll

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

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	-	-	-	-	-
002/2018	-	-	-	-	-
003/2018	-	-	-	-	-
004/2018	-	-	-	-	-
005/2018	-	-	-	-	-
006/2018	-	-	-	-	-
007/2018	-	-	-	-	-
008/2018	-	-	-	-	-
009/2018	-	-	-	-	-
010/2018	-	-	-	-	-
011/2018	-	-	-	-	-
012/2018	-	-	-	-	-
Grand Total	-	-	-	-	-

Check >>>

Other Payroll

Reconcile To Total Other Payroll

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

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: MET	Sum of Tot: TDCS	Grand Total
001/2018	59,738	246,449	57,623	27,638	391,449
002/2018	58,131	239,817	56,072	26,894	380,915
003/2018	65,421	269,893	63,105	30,267	428,686
004/2018	76,929	317,372	74,206	35,592	504,099
005/2018	67,880	280,041	65,477	31,405	444,804
006/2018	72,584	299,446	70,014	33,581	475,626
007/2018	61,648	254,326	59,465	28,522	403,960
008/2018	69,904	288,389	67,429	32,342	458,064
009/2018	51,594	212,850	49,767	23,870	338,081
010/2018	52,186	215,295	50,339	24,144	341,965
011/2018	83,803	345,727	80,836	38,772	549,137
012/2018	70,139	289,357	67,655	32,450	459,602
Grand Total	789,957	3,258,964	761,988	365,477	5,176,387

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

Month	Sum of Tot: TRAN	Sum of Tot: DIST	Sum of Tot: ME	Sum of Tot: TDC	Grand Total
001/2018	240,433	991,905	231,920	111,238	1,575,496
002/2018	222,456	917,741	214,580	102,920	1,457,697
003/2018	63,022	259,995	60,790	29,157	412,964
004/2018	255,503	1,054,078	246,457	118,210	1,674,249
005/2018	251,717	1,038,459	242,805	116,458	1,649,440
006/2018	252,029	1,039,744	243,106	116,602	1,651,480
007/2018	247,811	1,022,345	239,037	114,651	1,623,845
008/2018	257,323	1,061,584	248,212	119,052	1,686,171
009/2018	717,418	2,959,704	692,017	331,917	4,701,055
010/2018	293,714	1,211,714	283,315	135,888	1,924,630
011/2018	317,563	1,310,106	306,320	146,922	2,080,911
012/2018	126,408	521,497	121,933	58,483	828,322
Grand Total	3,245,397	13,388,872	3,130,492	1,501,499	21,266,261

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

CONFIDENTIAL

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

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

CONFIDENTIAL

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

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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Source: SAP Detail

CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Patng Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	257064	2018/01	SA	105282804	Expense Accruals	DCP Expense Accrual	01/31/2018	01/31/2018	-333.00	Include	Exclude	No	1
3	257064	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	439,833.00	Include	Include	Yes	1
3	257064	2018/02	SA	105333068		Reconciliation Adjustment	02/28/2018	02/28/2018	-248.48	Include	Include	Yes	2
3	257064	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	439,833.00	Include	Include	Yes	2
3	257064	2018/02	SA	105333232	Expense Accruals	DCP Expense Accrual	02/28/2018	02/28/2018	-333.00	Include	Exclude	No	2
3	257064	2018/03	SA	105361079	Expense Accruals	DCP Expense Accrual	03/31/2018	03/31/2018	-333.00	Include	Exclude	No	3
3	257064	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	439,833.00	Include	Include	Yes	3
3	257064	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	439,833.00	Include	Include	Yes	4
3	257064	2018/04	SA	105417877	Expense Accruals	DCP Expense Accrual	04/30/2018	04/30/2018	-333.00	Include	Exclude	No	4
3	257064	2018/05	SA	105452387	Expense Accruals	DCP Expense Accrual	05/31/2018	05/31/2018	-333.00	Include	Exclude	No	5
3	257064	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	439,833.00	Include	Include	Yes	5
3	257064	2018/06	SA	105491990	Expense Accruals	DCP Expense Accrual	06/30/2018	06/30/2018	-333.00	Include	Exclude	No	6
3	257064	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	439,833.00	Include	Include	Yes	6
3	257064	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	439,833.00	Include	Include	Yes	7
3	257064	2018/07	SA	105549726	Expense Accruals	DCP Expense Accrual	07/31/2018	07/31/2018	-333.00	Include	Exclude	No	7
3	257064	2018/08	SA	105583651	Expense Accruals	DCP Expense Accrual	08/31/2018	08/31/2018	-333.00	Include	Exclude	No	8
3	257064	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	439,833.00	Include	Include	Yes	8
3	257064	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	439,833.00	Include	Include	Yes	9
3	257064	2018/09	SA	105638292	Expense Accruals	DCP Expense Accrual	09/30/2018	09/30/2018	-333.00	Include	Exclude	No	9
3	257064	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	439,833.00	Include	Include	Yes	10
3	257064	2018/10	SA	105681193	Expense Accruals	DCP Expense Accrual	10/31/2018	10/31/2018	-333.00	Include	Exclude	No	10
3	257064	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	439,833.00	Include	Include	Yes	11
3	257064	2018/11	SA	105718892	Expense Accruals	DCP Expense Accrual	11/30/2018	11/30/2018	-333.00	Include	Exclude	No	11
3	257064	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	439,833.00	Include	Include	Yes	12
3	257064	2018/12	SA	105774843	Expense Accruals	DCP Expense Accrual	12/31/2018	12/31/2018	-333.00	Include	Exclude	No	12
3	518020	2018/01	SA	105274383		FMCP ER Retiree	01/31/2018	01/31/2018	-245,793.30	Include	Include	Yes	1
3	518020	2018/02	SA	105293107		FMCP ER Retiree	02/28/2018	02/28/2018	-245,273.08	Include	Include	Yes	2
3	518020	2018/03	SA	105340450		FMCP ER Retiree	03/31/2018	03/31/2018	-246,677.04	Include	Include	Yes	3
3	518020	2018/04	SA	105404914		FMCP ER Retiree	04/30/2018	04/30/2018	-249,158.05	Include	Include	Yes	4
3	518020	2018/05	SA	105447932		FMCP ER Retiree	05/31/2018	05/31/2018	-247,071.04	Include	Include	Yes	5
3	518020	2018/06	SA	105481072		FMCP ER Retiree	06/30/2018	06/30/2018	-245,596.68	Include	Include	Yes	6
3	518020	2018/07	SA	105531397		FMCP ER Retiree	07/30/2018	07/30/2018	-244,487.97	Include	Include	Yes	7
3	518020	2018/08	SA	105556438		FMCP ER Retiree	08/31/2018	08/31/2018	-244,897.97	Include	Include	Yes	8
3	518020	2018/09	SA	105620403		FMCP ER Retiree	09/30/2018	09/30/2018	-243,676.29	Include	Include	Yes	9
3	518020	2018/01	SA	105274395		H&W Accrual	01/31/2018	01/31/2018	1,620,833.00	Include	Exclude	No	1
3	518020	2018/01	SA	105282685		H&W Accrual	01/31/2018	01/31/2018	1,818,917.00	Include	Exclude	No	1
3	518020	2018/01	SA	105282715		H&W Accrual	01/31/2018	01/31/2018	-1,620,833.00	Include	Exclude	No	1
3	518020	2018/02	SR	105308491		H&W Accrual	02/25/2018	02/25/2018	1,818,917.00	Exclude	Exclude	No	2
3	518020	2018/03	SR	105353242		H&W Accrual	03/25/2018	03/25/2018	1,818,917.00	Exclude	Exclude	No	3
3	518020	2018/04	SR	105404399		H&W Accrual	04/25/2018	04/25/2018	1,818,917.00	Exclude	Exclude	No	4
3	518020	2018/05	SR	105444792		H&W Accrual	05/25/2018	05/25/2018	1,818,917.00	Exclude	Exclude	No	5
3	518020	2018/06	SR	105489986		H&W Accrual	06/25/2018	06/25/2018	1,818,917.00	Exclude	Exclude	No	6
3	518020	2018/07	SR	105532326		H&W Accrual	07/25/2018	07/25/2018	1,689,751.19	Exclude	Exclude	No	7
3	518020	2018/08	SR	105576794		H&W Accrual	08/25/2018	08/25/2018	1,689,751.19	Exclude	Exclude	No	8
3	518020	2018/09	SR	105620475		H&W Accrual	09/25/2018	09/25/2018	1,689,751.19	Exclude	Exclude	No	9
3	518020	2018/06	SA	105490764		H&W IBNR Adj	06/30/2018	06/30/2018	-2,655,099.00	Include	Exclude	No	6
3	518020	2018/09	SA	105638382		H&W IBNR Adj	09/30/2018	09/30/2018	-1,848,529.00	Include	Exclude	No	9
3	518020	2018/01	SA	105251533		NECA ER Premiums	01/11/2018	01/11/2018	1,998,319.51	Include	Include	Yes	1
3	518020	2018/01	SA	105254374		NECA ER Premiums	01/18/2018	01/18/2018	1,994,090.08	Include	Include	Yes	1
3	518020	2018/01	SA	105261064		NECA ER Premiums	01/24/2018	01/24/2018	-1,994,090.08	Include	Include	Yes	1
3	518020	2018/02	SA	105287273		NECA ER Premiums	02/05/2018	02/05/2018	1,994,090.08	Include	Include	Yes	2
3	518020	2018/03	SA	105340473		NECA ER Premiums	03/15/2018	03/15/2018	2,005,538.12	Include	Include	Yes	3
3	518020	2018/04	SA	105382077		NECA ER Premiums	04/11/2018	04/11/2018	2,026,384.42	Include	Include	Yes	4
3	518020	2018/05	SA	105426207		NECA ER Premiums	05/10/2018	05/10/2018	2,008,707.61	Include	Include	Yes	5

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CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	518020	2018/06	SA	105462400		NECA ER Premiums	06/04/2018	06/04/2018	1,999,231.82	Include	Include	Yes	6
3	518020	2018/07	SA	105507588		NECA ER Premiums	07/06/2018	07/06/2018	1,985,196.19	Include	Include	Yes	7
3	518020	2018/08	SA	105550172		NECA ER Premiums	08/06/2018	08/06/2018	1,991,040.40	Include	Include	Yes	8
3	518020	2018/09	SA	105599139		NECA ER Premiums	09/04/2018	09/04/2018	1,981,108.03	Include	Include	Yes	9
3	518020	2018/10	SA	105641935		NECA ER Premiums	10/03/2018	10/03/2018	2,030,529.44	Include	Include	Yes	10
3	518020	2018/10	SA	105676050		FMCP ER Retiree	10/31/2018	10/31/2018	-249,755.12	Include	Include	Yes	10
3	518020	2018/11	SA	105684076		NECA ER Premiums	11/02/2018	11/02/2018	2,013,215.41	Include	Include	Yes	11
3	518020	2018/11	SA	105690653		FMCP ER Retiree	11/30/2018	11/30/2018	-247,625.50	Include	Include	Yes	11
3	518020	2018/12	SA	105729806		NECA ER Premiums	12/05/2018	12/05/2018	2,017,169.59	Include	Include	Yes	12
3	518020	2018/12	SA	105733322		FMCP ER Retiree	12/31/2018	12/31/2018	-248,111.86	Include	Include	Yes	12
3	518020	2018/12	SA	105759382		H&W IBNR Adj	12/31/2018	12/31/2018	-1,482,079.00	Include	Exclude	No	12
3	518020	2018/12	SA	105774914		HC FSA PY2017 Forfeiture	12/31/2018	12/31/2018	-2,824.89	Include	Include	Yes	12
3	518020	2018/12	SA	105774978		DC FSA PY17 Forfeiture	12/31/2018	12/31/2018	-7,478.17	Include	Include	Yes	12
3	518020	2018/10	SR	105664245		H&W Accrual	10/25/2018	10/25/2018	1,689,751.19	Exclude	Exclude	No	10
3	518020	2018/11	SR	105708330		H&W Accrual	11/25/2018	11/25/2018	1,689,751.19	Exclude	Exclude	No	11
3	518020	2018/12	SR	105759434		H&W Accrual	12/25/2018	12/25/2018	1,689,751.19	Exclude	Exclude	No	12
3	518032	2018/01	SA	105274383		FMCP ER Retiree	01/31/2018	01/31/2018	245,793.30	Include	Include	Yes	1
3	518032	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	32,417.00	Include	Include	Yes	1
3	518032	2018/01	SA	105287280	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	1,660.06	Include	Exclude	No	1
3	518032	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	6,558.17	Include	Exclude	No	1
3	518032	2018/01	SA	105290480	Pension PURA 36 065 - January 2018	Pension PURA 36 065 2018	01/01/2018	01/01/2018	349,958.56	Include	Include	Yes	1
3	518032	2018/02	SA	105293107		FMCP ER Retiree	02/28/2018	02/28/2018	245,273.08	Include	Include	Yes	2
3	518032	2018/02	SA	105293116	Pension PURA 36.065 - December 2017 True-up	Pension PURA 36 065 2017	02/01/2018	02/01/2018	1,988.44	Include	Include	Yes	2
3	518032	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	32,417.00	Include	Include	Yes	2
3	518032	2018/02	SA	105337011	Pension PURA 36 065 - February 2018	Pension PURA 36 065 2018	02/01/2018	02/01/2018	-105,249.57	Include	Include	Yes	2
3	518032	2018/02	SA	105337035	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	02/01/2018	02/01/2018	-16,408.16	Include	Exclude	No	2
3	518032	2018/02	SA	105337050	Pension PURA 36 065 - January 2018 True-up	Pension PURA 36 065 2018	02/01/2018	02/01/2018	-462,663.83	Include	Include	Yes	2
3	518032	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	-9,849.99	Include	Exclude	No	2
3	518032	2018/03	SA	105340450		FMCP ER Retiree	03/31/2018	03/31/2018	246,677.04	Include	Include	Yes	3
3	518032	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	32,417.00	Include	Include	Yes	3
3	518032	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	-9,849.99	Include	Exclude	No	3
3	518032	2018/03	SA	105381829	Pension PURA 36 065 - March 2018	Pension PURA 36 065 2018	03/01/2018	03/01/2018	-114,262.15	Include	Include	Yes	3
3	518032	2018/04	SA	105404914		FMCP ER Retiree	04/30/2018	04/30/2018	249,158.05	Include	Include	Yes	4
3	518032	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	-9,849.99	Include	Exclude	No	4
3	518032	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	32,417.00	Include	Include	Yes	4
3	518032	2018/04	SA	105422942	Pension PURA 36 065 - April 2018	Pension PURA 36 065 2018	04/01/2018	04/01/2018	-116,650.29	Include	Include	Yes	4
3	518032	2018/05	SA	105440339	Pension PURA 36 065 - April 2018 True-up	Pension PURA 36 065 2018	05/01/2018	05/01/2018	-7.90	Include	Include	Yes	5
3	518032	2018/05	SA	105447932		FMCP ER Retiree	05/31/2018	05/31/2018	247,071.04	Include	Include	Yes	5
3	518032	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	32,417.00	Include	Include	Yes	5
3	518032	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	-9,849.99	Include	Exclude	No	5
3	518032	2018/05	SA	105468108	Pension PURA 36 065 - May 2018	Pension PURA 36 065 2018	05/01/2018	05/01/2018	-110,752.80	Include	Include	Yes	5
3	518032	2018/06	SA	105481072		FMCP ER Retiree	06/30/2018	06/30/2018	245,596.68	Include	Include	Yes	6
3	518032	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	32,417.00	Include	Include	Yes	6
3	518032	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	-10,234.19	Include	Exclude	No	6
3	518032	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	-1,920.99	Include	Exclude	No	6
3	518032	2018/06	SA	105511413	Pension PURA 36 065 - June 2018	Pension PURA 36 065 2018	06/01/2018	06/01/2018	-87,730.57	Include	Include	Yes	6
3	518032	2018/07	SA	105531397		FMCP ER Retiree	07/30/2018	07/30/2018	244,487.97	Include	Include	Yes	7
3	518032	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	32,417.00	Include	Include	Yes	7
3	518032	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	-10,234.19	Include	Exclude	No	7
3	518032	2018/07	SA	105550042	Pension PURA 36 065 - July 2018	Pension PURA 36 065 2018	07/01/2018	07/01/2018	-11,344.97	Include	Include	Yes	7
3	518032	2018/08	SA	105556438		FMCP ER Retiree	08/31/2018	08/31/2018	244,897.97	Include	Include	Yes	8
3	518032	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	-10,234.19	Include	Exclude	No	8
3	518032	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	32,417.00	Include	Include	Yes	8
3	518032	2018/08	SA	105601158	Pension PURA 36.065 - August 2018	Pension PURA 36.065 2018	08/31/2018	08/31/2018	-119,136.36	Include	Include	Yes	8

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CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	518032	2018/09	SA	105620403		FMCP ER Retiree	09/30/2018	09/30/2018	243,676.29	Include	Include	Yes	9
3	518032	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	32,417.00	Include	Include	Yes	9
3	518032	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-396.61	Include	Exclude	No	9
3	518032	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	-10,283.76	Include	Exclude	No	9
3	518032	2018/09	SA	105642116	Pension PURA 36 065 - September 2018	Pension PURA 36.065 2018	09/30/2018	09/30/2018	-129,538.34	Include	Include	Yes	9
3	518032	2018/10	SA	105676050		FMCP ER Retiree	10/31/2018	10/31/2018	249,755.12	Include	Include	Yes	10
3	518032	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	32,417.00	Include	Include	Yes	10
3	518032	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	-10,283.76	Include	Exclude	No	10
3	518032	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	-10,283.76	Include	Exclude	No	10
3	518032	2018/10	SA	105683829	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/31/2018	10/31/2018	-10,283.76	Include	Exclude	No	10
3	518032	2018/10	SA	105684189	Pension PURA 36 065 - October 2018	Pension PURA 36.065 2018	10/31/2018	10/31/2018	-98,852.46	Include	Include	Yes	10
3	518032	2018/11	SA	105690653		FMCP ER Retiree	11/30/2018	11/30/2018	247,625.50	Include	Include	Yes	11
3	518032	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	32,417.00	Include	Include	Yes	11
3	518032	2018/11	SA	105729953	Pension PURA Dkt 38339 Co 2 Allocation - November	Pension PURA Docket 38339	11/30/2018	11/30/2018	-9,034.88	Include	Exclude	No	11
3	518032	2018/11	SA	105729955	Pension PURA 36 065 - November 2018	Pension PURA 36.065 2018	11/30/2018	11/30/2018	-112,103.73	Include	Include	Yes	11
3	518032	2018/12	SA	105733322		FMCP ER Retiree	12/31/2018	12/31/2018	248,111.86	Include	Include	Yes	12
3	518032	2018/12	SA	105737341	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/20/2018	12/20/2018	-8,855.05	Include	Exclude	No	12
3	518032	2018/12	SA	105737392	Pension PURA Dkt 38339 Co 2 Allocation - YTD Nov	Pension PURA Docket 38339	12/20/2018	12/20/2018	1,978.14	Include	Exclude	No	12
3	518032	2018/12	SA	105737396	Pension PURA 2011 YTD Nov vs Actual	Pension PURA 2011 True-up	12/20/2018	12/20/2018	6,648.38	Include	Exclude	No	12
3	518032	2018/12	SA	105737397	Pension PURA 2011 True-up	Pension PURA 2011 True-up	12/20/2018	12/20/2018	-48,413.65	Include	Exclude	No	12
3	518032	2018/12	SA	105737398	Pension PURA 2012 YTD Nov vs Actual	Pension PURA 2012 True-up	12/20/2018	12/20/2018	2,407.51	Include	Exclude	No	12
3	518032	2018/12	SA	105737403	Pension PURA 2011 Final True-up	Pension PURA 2011 Final T	11/30/2018	12/20/2018	359,836.26	Include	Include	Yes	12
3	518032	2018/12	SA	105737404	Pension PURA 2012 Final True-up	Pension PURA 2012 Final T	11/30/2018	12/20/2018	454,972.37	Include	Include	Yes	12
3	518032	2018/12	SA	105737405	Pension PURA 2013 Final True-up	Pension PURA 2013 Final T	11/30/2018	12/20/2018	371,389.83	Include	Include	Yes	12
3	518032	2018/12	SA	105737406	Pension PURA 2014 Final True-up	Pension PURA 2014 Final T	11/30/2018	12/20/2018	236,841.42	Include	Include	Yes	12
3	518032	2018/12	SA	105737407	Pension PURA 2015 Final True-up	Pension PURA 2015 Final T	11/30/2018	12/20/2018	162,798.69	Include	Include	Yes	12
3	518032	2018/12	SA	105737408	Pension PURA 2016 Final True-up	Pension PURA 2016 Final T	11/30/2018	12/20/2018	-18,769.65	Include	Include	Yes	12
3	518032	2018/12	SA	105737409	Pension PURA 2017 Final True-up	Pension PURA 2017 Final T	11/30/2018	12/20/2018	23,354.26	Include	Include	Yes	12
3	518032	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	94,310.06	Include	Include	Yes	12
3	518032	2018/12	SA	105737422	Pension PURA 2018 YTD October True-up	Pension PURA Docket Split	12/20/2018	12/20/2018	12,488.87	Include	Exclude	No	12
3	518032	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	32,417.00	Include	Include	Yes	12
3	518032	2018/12	SA	105777268	Pension PURA 36 065 - December 2018	Pension PURA 36 065 2018	12/31/2018	12/31/2018	-95,264.06	Include	Include	Yes	12
3	518032	2018/12	SA	105777269	Pension PURA 36 065 - November 2018 SPL Trueup	Pension PURA 36.065 2018	12/31/2018	12/31/2018	-437.10	Include	Include	Yes	12
3	518032	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	-1,042.59	Include	Include	Yes	12
3	518032	2018/12	SA	105780107	Pension PURA Dkt 38339 Co 2 Allocation - 2018 YTD	Pension PURA Docket 38339	12/31/2018	12/31/2018	-749.49	Include	Exclude	No	12
3	518090	2018/01	SA	105282815	Expense Accruals	ASC 712 Accruals	01/31/2018	01/31/2018	31,917.00	Include	Exclude	No	1
3	518090	2018/01	SA	105282815	Expense PAYG Claims	ASC 712 Accruals	01/31/2018	01/31/2018	127,159.91	Include	Exclude	No	1
3	518090	2018/02	SA	105333227	Expense Accruals	ASC 712 Accruals	02/28/2018	02/28/2018	31,917.00	Include	Exclude	No	2
3	518090	2018/02	SA	105333227	Expense PAYG Claims	ASC 712 Accruals	02/28/2018	02/28/2018	92,400.55	Include	Exclude	No	2
3	518090	2018/03	SA	105372136	Expense Accruals	ASC 712 Accruals	03/31/2018	03/31/2018	31,917.00	Include	Exclude	No	3
3	518090	2018/03	SA	105372136	Expense PAYG Claims	ASC 712 Accruals	03/31/2018	03/31/2018	102,047.00	Include	Exclude	No	3
3	518090	2018/04	SA	105422429	Expense Accruals	ASC 712 Accruals	04/30/2018	04/30/2018	31,917.00	Include	Exclude	No	4
3	518090	2018/04	SA	105422429	Expense PAYG Claims	ASC 712 Accruals	04/30/2018	04/30/2018	219,947.51	Include	Exclude	No	4
3	518090	2018/05	SA	105462396	Expense Accruals	ASC 712 Accruals	05/31/2018	05/31/2018	31,917.00	Include	Exclude	No	5
3	518090	2018/05	SA	105462396	Expense PAYG Claims	ASC 712 Accruals	05/31/2018	05/31/2018	152,042.63	Include	Exclude	No	5
3	518090	2018/06	SA	105507717	Expense PAYG Claims	ASC 712 Accruals	06/30/2018	06/30/2018	145,975.32	Include	Exclude	No	6
3	518090	2018/06	SA	105507717	Expense Accruals	ASC 712 Accruals	06/30/2018	06/30/2018	31,917.00	Include	Exclude	No	6
3	518090	2018/07	SA	105546940	Expense Accruals	ASC 712 Accruals	07/31/2018	07/31/2018	31,917.00	Include	Exclude	No	7
3	518090	2018/07	SA	105546940	Expense PAYG Claims	ASC 712 Accruals	07/31/2018	07/31/2018	293,880.99	Include	Exclude	No	7
3	518090	2018/08	SA	105598992	Expense Accruals	ASC 712 Accruals	08/31/2018	08/31/2018	31,917.00	Include	Exclude	No	8
3	518090	2018/08	SA	105598992	Expense PAYG Claims	ASC 712 Accruals	08/31/2018	08/31/2018	174,513.47	Include	Exclude	No	8
3	518090	2018/09	SA	105638399	Expense Accruals	ASC 712 Accruals	09/30/2018	09/30/2018	31,917.00	Include	Exclude	No	9
3	518090	2018/09	SA	105638399	Expense PAYG Claims	ASC 712 Accruals	09/30/2018	09/30/2018	257,332.89	Include	Exclude	No	9
3	518090	2018/02	SA	105293116	Pension PURA 36 065 - December 2017 True-up	Pension PURA 36.065 2017	02/01/2018	02/01/2018	-1,727.53	Include	Include	Yes	2

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CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Prtg Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	518090	2018/01	SA	105290480	Pension PURA 36.065 - January 2018	Pension PURA 36.065 2018	01/01/2018	01/01/2018	62,747.43	Include	Include	Yes	1
3	518090	2018/02	SA	105337011	Pension PURA 36.065 - February 2018	Pension PURA 36.065 2018	02/01/2018	02/01/2018	82,196.57	Include	Include	Yes	2
3	518090	2018/02	SA	105337050	Pension PURA 36.065 - January 2018 True-up	Pension PURA 36.065 2018	02/01/2018	02/01/2018	5.80	Include	Include	Yes	2
3	518090	2018/03	SA	105381829	Pension PURA 36.065 - March 2018	Pension PURA 36.065 2018	03/01/2018	03/01/2018	73,918.21	Include	Include	Yes	3
3	518090	2018/04	SA	105422942	Pension PURA 36.065 - April 2018	Pension PURA 36.065 2018	04/01/2018	04/01/2018	17,345.85	Include	Include	Yes	4
3	518090	2018/05	SA	105440339	Pension PURA 36.065 - April 2018 True-up	Pension PURA 36.065 2018	05/01/2018	05/01/2018	-7.06	Include	Include	Yes	5
3	518090	2018/05	SA	105468108	Pension PURA 36.065 - May 2018	Pension PURA 36.065 2018	05/01/2018	05/01/2018	52,823.64	Include	Include	Yes	5
3	518090	2018/06	SA	105511413	Pension PURA 36.065 - June 2018	Pension PURA 36.065 2018	06/01/2018	06/01/2018	69,898.27	Include	Include	Yes	6
3	518090	2018/07	SA	105550042	Pension PURA 36.065 - July 2018	Pension PURA 36.065 2018	07/01/2018	07/01/2018	-14,132.93	Include	Include	Yes	7
3	518090	2018/08	SA	105601158	Pension PURA 36.065 - August 2018	Pension PURA 36.065 2018	08/31/2018	08/31/2018	35,566.12	Include	Include	Yes	8
3	518090	2018/09	SA	105642116	Pension PURA 36.065 - September 2018	Pension PURA 36.065 2018	09/30/2018	09/30/2018	-16,638.26	Include	Include	Yes	9
3	518090	2018/01	SA	105260963	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	698.45	Include	Exclude	No	1
3	518090	2018/01	SA	105287280	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	698.45	Include	Exclude	No	1
3	518090	2018/01	SA	105289672	Pension PURA Dkt 38339 Co 2 Allocation - 2017 YTD	Pension PURA Docket 38339	01/01/2018	01/01/2018	-698.45	Include	Exclude	No	1
3	518090	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	-7,106.59	Include	Exclude	No	1
3	518090	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	-7,106.59	Include	Exclude	No	2
3	518090	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	-7,106.59	Include	Exclude	No	3
3	518090	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	-7,106.59	Include	Exclude	No	4
3	518090	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	-7,106.59	Include	Exclude	No	5
3	518090	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	-16,872.36	Include	Exclude	No	6
3	518090	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	-48,828.83	Include	Exclude	No	6
3	518090	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	-16,872.36	Include	Exclude	No	7
3	518090	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	-16,872.36	Include	Exclude	No	8
3	518090	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-63,776.76	Include	Exclude	No	9
3	518090	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	-24,844.45	Include	Exclude	No	9
3	518090	2018/10	SA	105682033	Expense Accruals	ASC 712 Accruals	10/31/2018	10/31/2018	31,917.00	Include	Exclude	No	10
3	518090	2018/10	SA	105682033	Expense PAYG Claims	ASC 712 Accruals	10/31/2018	10/31/2018	129,626.88	Include	Exclude	No	10
3	518090	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	-24,844.45	Include	Exclude	No	10
3	518090	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	24,844.45	Include	Exclude	No	10
3	518090	2018/10	SA	105683829	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/31/2018	10/31/2018	-24,844.45	Include	Exclude	No	10
3	518090	2018/10	SA	105684189	Pension PURA 36.065 - October 2018	Pension PURA 36.065 2018	10/31/2018	10/31/2018	70,591.24	Include	Include	Yes	10
3	518090	2018/11	SA	105705251	YTD Accruals True Up	FAS 112 Accruals	11/30/2018	11/30/2018	-136,667.00	Include	Include	Yes	11
3	518090	2018/11	SA	105718995	Expense Accruals	ASC 712 Accruals	11/30/2018	11/30/2018	18,250.00	Include	Exclude	No	11
3	518090	2018/11	SA	105718995	Expense PAYG Claims	ASC 712 Accruals	11/30/2018	11/30/2018	179,954.83	Include	Exclude	No	11
3	518090	2018/11	SA	105729953	Pension PURA Dkt 38339 Co 2 Allocation - November	Pension PURA Docket 38339	11/30/2018	11/30/2018	-24,844.45	Include	Exclude	No	11
3	518090	2018/11	SA	105729955	Pension PURA 36.065 - November 2018	Pension PURA 36.065 2018	11/30/2018	11/30/2018	106,820.60	Include	Include	Yes	11
3	518090	2018/12	SA	105737341	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/20/2018	12/20/2018	66,314.19	Include	Exclude	No	12
3	518090	2018/12	SA	105737392	Pension PURA Dkt 38339 Co 2 Allocation - YTD Nov	Pension PURA Docket 38339	12/20/2018	12/20/2018	1,002,745.08	Include	Exclude	No	12
3	518090	2018/12	SA	105737396	Pension PURA 2011 YTD Nov vs Actual	Pension PURA 2011 True-up	12/20/2018	12/20/2018	261.43	Include	Exclude	No	12
3	518090	2018/12	SA	105737397	Pension PURA 2011 True-up	Pension PURA 2011 True-up	12/20/2018	12/20/2018	202.42	Include	Exclude	No	12
3	518090	2018/12	SA	105737398	Pension PURA 2012 YTD Nov vs Actual	Pension PURA 2012 True-up	12/20/2018	12/20/2018	1,135.74	Include	Exclude	No	12
3	518090	2018/12	SA	105737399	Pension PURA 2013 YTD Nov vs Actual	Pension PURA 2013 True-up	12/20/2018	12/20/2018	4,354.06	Include	Exclude	No	12
3	518090	2018/12	SA	105737400	Pension PURA 2014 Final Discount Rate	Pension PURA 2014 True-up	12/20/2018	12/20/2018	2,143.77	Include	Exclude	No	12
3	518090	2018/12	SA	105737401	Pension PURA 2015 YTD Nov vs Actual	Pension PURA 2015 True-up	12/20/2018	12/20/2018	18,069.42	Include	Exclude	No	12
3	518090	2018/12	SA	105737403	Pension PURA 2011 Final True-up	Pension PURA 2011 Final T	11/30/2018	12/20/2018	135,028.79	Include	Include	Yes	12
3	518090	2018/12	SA	105737404	Pension PURA 2012 Final True-up	Pension PURA 2012 Final T	11/30/2018	12/20/2018	117,104.66	Include	Include	Yes	12
3	518090	2018/12	SA	105737405	Pension PURA 2013 Final True-up	Pension PURA 2013 Final T	11/30/2018	12/20/2018	58,525.83	Include	Include	Yes	12
3	518090	2018/12	SA	105737406	Pension PURA 2014 Final True-up	Pension PURA 2014 Final T	11/30/2018	12/20/2018	32,111.66	Include	Include	Yes	12
3	518090	2018/12	SA	105737407	Pension PURA 2015 Final True-up	Pension PURA 2015 Final T	11/30/2018	12/20/2018	-59,776.90	Include	Include	Yes	12
3	518090	2018/12	SA	105737408	Pension PURA 2016 Final True-up	Pension PURA 2016 Final T	11/30/2018	12/20/2018	-25,919.18	Include	Include	Yes	12
3	518090	2018/12	SA	105737409	Pension PURA 2017 Final True-up	Pension PURA 2017 Final T	11/30/2018	12/20/2018	-178,988.63	Include	Include	Yes	12
3	518090	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	22,851.31	Include	Include	Yes	12
3	518090	2018/12	SA	105774809	Expense Accruals	ASC 712 Accruals	12/31/2018	12/31/2018	18,250.00	Include	Exclude	No	12
3	518090	2018/12	SA	105774809	Expense PAYG Claims	ASC 712 Accruals	12/31/2018	12/31/2018	130,433.30	Include	Exclude	No	12

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CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	518090	2018/12	SA	105774915	YTD Accruals True Up	FAS 112 Accruals	12/31/2018	12/31/2018	21,000.00	Include	Include	Yes	12
3	518090	2018/12	SA	105777020	Pension PURA Dkt 38339 Co 2 Allocation - December	Pension PURA Docket 38339	12/31/2018	12/31/2018	12,831.30	Include	Exclude	No	12
3	518090	2018/12	SA	105777268	Pension PURA 36 065 - December 2018	Pension PURA 36 065 2018	12/31/2018	12/31/2018	64,188.03	Include	Include	Yes	12
3	518090	2018/12	SA	105777269	Pension PURA 36 065 - November 2018 SPL Trueup	Pension PURA 36 065 2018	12/31/2018	12/31/2018	-96.05	Include	Include	Yes	12
3	518090	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	-5,088.22	Include	Include	Yes	12
3	518090	2018/12	SA	105780107	Pension PURA Dkt 38339 Co 2 Allocation - 2018 YTD	Pension PURA Docket 38339	12/31/2018	12/31/2018	3,542.66	Include	Exclude	No	12
3	718032	2018/01	SA	105282818		Postretirement Accrual	01/31/2018	01/31/2018	-147,667.00	Include	Include	Yes	1
3	718032	2018/01	SA	105290400	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	01/31/2018	01/31/2018	34,590.77	Include	Exclude	No	1
3	718032	2018/01	SA	105290480	Pension PURA 36.065 - January 2018	Pension PURA 36.065 2018	01/01/2018	01/01/2018	323,524.19	Include	Include	Yes	1
3	718032	2018/02	SA	105333225		Postretirement Accrual	02/28/2018	02/28/2018	-147,667.00	Include	Include	Yes	2
3	718032	2018/02	SA	105337011	Pension PURA 36.065 - February 2018	Pension PURA 36.065 2018	02/01/2018	02/01/2018	782,357.11	Include	Include	Yes	2
3	718032	2018/02	SA	105337035	Pension PURA Dkt 38339 Co 2 Allocation - January	Pension PURA Docket 38339	02/01/2018	02/01/2018	16,408.16	Include	Exclude	No	2
3	718032	2018/02	SA	105337050	Pension PURA 36.065 - January 2018 True-up	Pension PURA 36 065 2018	02/01/2018	02/01/2018	462,668.59	Include	Include	Yes	2
3	718032	2018/02	SA	105337062	Pension PURA Dkt 38339 Co 2 Allocation - February	Pension PURA Docket 38339	02/28/2018	02/28/2018	50,998.92	Include	Exclude	No	2
3	718032	2018/03	SA	105371226		Postretirement Accrual	03/31/2018	03/31/2018	-147,667.00	Include	Include	Yes	3
3	718032	2018/03	SA	105373149	Pension PURA Dkt 38339 Co 2 Allocation - March 20	Pension PURA Docket 38339	03/31/2018	03/31/2018	50,998.92	Include	Exclude	No	3
3	718032	2018/03	SA	105381829	Pension PURA 36 065 - March 2018	Pension PURA 36 065 2018	03/01/2018	03/01/2018	786,798.40	Include	Include	Yes	3
3	718032	2018/04	SA	105417803	Pension PURA Dkt 38339 Co 2 Allocation - April 20	Pension PURA Docket 38339	04/30/2018	04/30/2018	50,998.92	Include	Exclude	No	4
3	718032	2018/04	SA	105417847		Postretirement Accrual	04/30/2018	04/30/2018	-147,667.00	Include	Include	Yes	4
3	718032	2018/04	SA	105422942	Pension PURA 36 065 - April 2018	Pension PURA 36.065 2018	04/01/2018	04/01/2018	787,438.55	Include	Include	Yes	4
3	718032	2018/05	SA	105440339	Pension PURA 36.065 - April 2018 True-up	Pension PURA 36 065 2018	05/01/2018	05/01/2018	4.14	Include	Include	Yes	5
3	718032	2018/05	SA	105456975		Postretirement Accrual	05/31/2018	05/31/2018	-147,667.00	Include	Include	Yes	5
3	718032	2018/05	SA	105464656	Pension PURA Dkt 38339 Co 2 Allocation - May 2018	Pension PURA Docket 38339	05/31/2018	05/31/2018	50,998.92	Include	Exclude	No	5
3	718032	2018/05	SA	105468108	Pension PURA 36.065 - May 2018	Pension PURA 36 065 2018	05/01/2018	05/01/2018	784,846.28	Include	Include	Yes	5
3	718032	2018/06	SA	105507584		Postretirement Accrual	06/30/2018	06/30/2018	-147,667.00	Include	Include	Yes	6
3	718032	2018/06	SA	105511214	Pension PURA Dkt 38339 Co 2 Allocation - June 201	Pension PURA Docket 38339	06/30/2018	06/30/2018	56,364.16	Include	Exclude	No	6
3	718032	2018/06	SA	105511215	Pension PURA Dkt 38339 Co 2 Allocation - YTD May	Pension PURA Docket 38339	06/30/2018	06/30/2018	26,826.15	Include	Exclude	No	6
3	718032	2018/06	SA	105511413	Pension PURA 36 065 - June 2018	Pension PURA 36.065 2018	06/01/2018	06/01/2018	772,976.18	Include	Include	Yes	6
3	718032	2018/07	SA	105546939		Postretirement Accrual	07/31/2018	07/31/2018	-147,667.00	Include	Include	Yes	7
3	718032	2018/07	SA	105549744	Pension PURA Dkt 38339 Co 2 Allocation - July 201	Pension PURA Docket 38339	07/31/2018	07/31/2018	56,364.16	Include	Exclude	No	7
3	718032	2018/07	SA	105550042	Pension PURA 36.065 - July 2018	Pension PURA 36.065 2018	07/01/2018	07/01/2018	785,792.07	Include	Include	Yes	7
3	718032	2018/08	SA	105579312	Pension PURA Dkt 38339 Co 2 Allocation - August 2	Pension PURA Docket 38339	08/31/2018	08/31/2018	56,364.16	Include	Exclude	No	8
3	718032	2018/08	SA	105598760		Postretirement Accrual	08/31/2018	08/31/2018	-147,667.00	Include	Include	Yes	8
3	718032	2018/08	SA	105601158	Pension PURA 36 065 - August 2018	Pension PURA 36 065 2018	08/31/2018	08/31/2018	789,839.65	Include	Include	Yes	8
3	718032	2018/09	SA	105624656		Postretirement Accrual	09/30/2018	09/30/2018	-147,667.00	Include	Include	Yes	9
3	718032	2018/09	SA	105624682	Pension PURA Dkt 38339 Co 2 Allocation - YTD Augu	Pension PURA Docket 38339	09/30/2018	09/30/2018	-1,891.91	Include	Exclude	No	9
3	718032	2018/09	SA	105624683	Pension PURA Dkt 38339 Co 2 Allocation - Septembe	Pension PURA Docket 38339	09/30/2018	09/30/2018	56,127.67	Include	Exclude	No	9
3	718032	2018/09	SA	105642116	Pension PURA 36.065 - September 2018	Pension PURA 36.065 2018	09/30/2018	09/30/2018	795,724.03	Include	Include	Yes	9
3	718032	2018/09	SA	105645501	Q3 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-166,964.08	Include	Exclude	No	9
3	718032	2018/09	SA	105645501	Q1 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-152,996.77	Include	Exclude	No	9
3	718032	2018/09	SA	105645501	Q2 Co 2 Alloc Non Service	Co 2 Alloc - Non Service	09/30/2018	09/30/2018	-185,188.15	Include	Exclude	No	9
3	718032	2018/10	SA	105681155		Postretirement Accrual	10/31/2018	10/31/2018	-147,667.00	Include	Include	Yes	10

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CoCd	Account	Year/month	Type	DocumentNo	Text	Document Header Text	Doc. Date	Pstng Date	Amount in local cur.	Payment Type Inclusion/Exclusion	Document Header Text Inclusion/Exclusion	Include in Pivot Tables	Month
3	718032	2018/10	SA	105682035	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/30/2018	56,127.67	Include	Exclude	No	10
3	718032	2018/10	SA	105683828	Pension PURA Dkt 38339 Co 2 Allocation - October	Pension PURA Docket 38339	10/30/2018	10/31/2018	-56,127.67	Include	Exclude	No	10
3	718032	2018/10	SA	105684189	Pension PURA 36 065 - October 2018	Pension PURA 36 065 2018	10/31/2018	10/31/2018	777,976.16	Include	Include	Yes	10
3	718032	2018/11	SA	105718283		Postretirement Accrual	11/30/2018	11/30/2018	-147,667.00	Include	Include	Yes	11
3	718032	2018/11	SA	105729955	Pension PURA 36 065 - November 2018	Pension PURA 36,065 2018	11/30/2018	11/30/2018	781,656.98	Include	Include	Yes	11
3	718032	2018/12	SA	105737412	Pension PURA 2018 YTD October True-up	Pension 2018 YTD Oct True	12/20/2018	12/20/2018	-87,600.15	Include	Include	Yes	12
3	718032	2018/12	SA	105774808		Postretirement Accrual	12/31/2018	12/31/2018	-147,667.00	Include	Include	Yes	12
3	718032	2018/12	SA	105777268	Pension PURA 36 065 - December 2018	Pension PURA 36 065 2018	12/31/2018	12/31/2018	772,667.41	Include	Include	Yes	12
3	718032	2018/12	SA	105777269	Pension PURA 36,065 - November 2018 SPL Trueup	Pension PURA 36 065 2018	12/31/2018	12/31/2018	230.49	Include	Include	Yes	12
3	718032	2018/12	SA	105780095	Pension PURA 2018 YTD True-up	Pension 2018 YTD True-up	12/31/2018	12/31/2018	554.07	Include	Include	Yes	12
3	257064	2018/12	SA	105786536	FAS 158 reclass-Postretirement	FAS 158 and Reg Asset	12/31/2018	12/31/2018	-49,475,296.20	Include	Include	Yes	12
3	257064	2018/12	SA	105786798	FAS 158 reclass-DCP	FAS 158 - YE Adjustments	12/31/2018	12/31/2018	-942,039.79	Include	Exclude	No	12
									5,908,012.21				

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

Pivot Table

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

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

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Natural Account	January	February	March	April	May	June	July	August	September	October	November	December	Total	
240035	976,028	988,924	1,001,632	960,067	983,013	942,151	987,355	956,139	1,042,829	941,859	981,364	1,024,612	11,785,973	II-D-3.7.3
259042	60,113	60,500	60,032	59,326	58,927	58,961	59,108	58,432	58,445	58,663	58,258	47,384	698,149	II-D-3.7.3
259043	34,111	34,695	35,400	35,507	15,857	39,519	33,960	35,506	31,886	44,487	33,552	40,659	415,139	II-D-3 7.3
Grand Total	1,070,252	1,084,119	1,097,063	1,054,900	1,057,797	1,040,632	1,080,423	1,050,077	1,133,161	1,045,009	1,073,173	1,112,655	12,899,261	

Pivot Table

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

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

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WORKPAPER WP/II-B-3 7.4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	Total Company	January	February	March	April	May	June	July	August	September
9260	518011	Retirement (Pension - Service Cost)	20,506,284	1,794,541	364,450	1,039,407	1,033,732	1,056,676	1,161,943	1,048,329	1,012,446	960,281
9260	718011	Retirement (Pension - Non-Service Cost)	17,190,762	968,840	2,486,875	1,715,780	1,712,716	1,725,103	1,781,935	1,720,596	1,701,224	1,673,061
9260	518016	Retirement (Benefit Restoration Plan)	172,172	1,064	373	441	437	452	519	447	424	391
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	933,599	76,844	79,650	77,219	76,958	78,012	82,851	77,629	75,980	73,582
9260	518070	Savings Plan	17,074,611	937,075	1,325,134	2,550,513	1,236,927	1,228,121	1,293,860	1,629,763	1,279,679	1,277,447
9260	518166	Deferred Comp Plan	26,250	26,250	-	-	-	-	-	-	-	-
9260	718166	Deferred Comp Plan	29,167	29,167	-	-	-	-	-	-	-	-
9260	518020	Health and Welfare for Active Employees	36,148,406	3,571,443	3,567,734	3,577,778	3,596,143	3,580,554	917,453	3,430,459	3,435,894	1,578,654
9260	518032	Health and Welfare (Post-Retirement)	3,718,771	628,169	(288,235)	164,832	164,925	168,727	190,283	165,560	158,179	146,555
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	7,545,450	175,857	1,097,359	639,131	639,772	637,183	625,309	638,125	642,173	648,057
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	2,944,668	221,824	204,792	207,882	269,210	236,776	247,791	311,665	241,997	272,612
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			106,290,140	8,451,075	8,838,133	9,972,984	8,730,820	8,711,605	6,301,943	9,022,573	8,547,994	6,630,639

Adjustment Description

Adjustment	Description
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WP II-D-3 7.4 Adj 1 Adjustment to remove amounts related to EECRF
 WP II-D-3 7.4 Adj 2 Savings plan adjustment related to the Wage Adjustment
 WP II-D-3 7.4 Adj 3 Adjustment to the current actuarial studies

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

FERC Account	Natural Account	Description of Benefits	October	November	December	Total Company	Capitalized/ Other	Total Expenses Other
9260	518011	Retirement (Pension - Service Cost)	1,117,617	1,308,895	8,607,966	20,506,284	(12,397,698)	8,108,586
9260	718011	Retirement (Pension - Non-Service Cost)	1,758,004	1,407,664	(1,461,038)	17,190,762	(10,406,076)	6,784,686
9260	518016	Retirement (Benefit Restoration Plan)	491	811	166,323	172,172	(6,325)	165,847
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	80,813	75,680	78,382	933,599	(270,304)	663,295
9260	518070	Savings Plan	1,274,391	1,295,350	1,726,352	17,074,611	(7,589,650)	9,484,961
9260	518166	Deferred Comp Plan	-	-	-	26,250	-	26,250
9260	718166	Deferred Comp Plan	-	-	-	29,167	-	29,167
9260	518020	Health and Welfare for Active Employees	3,470,526	3,455,341	1,966,427	36,148,406	(18,426,222)	17,722,184
9260	518032	Health and Welfare (Post-Retirement)	183,320	167,939	1,868,518	3,718,771	(1,526,698)	2,192,074
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	630,309	633,990	538,185	7,545,450	1,124,651	8,670,101
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	232,135	168,358	329,625	2,944,668	(742,177)	2,202,491
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			8,747,607	8,514,027	13,820,740	106,290,140	(50,240,499)	56,049,641

Adjustment Description

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

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WORKPAPER WP/II-B-3 7.4 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Natural Account	Description of Benefits	Adjustments and Known Changes			Total Known Changes	Total Adjusted Expenses
			WP II-D-3.7.4 Adj 1 EECRF	WP II-D-3.7.4 Adj 2 Wage Adjustment	WP II-D-3.7.4 Adj 3 Benefit Adjustment		
9260	518011	Retirement (Pension - Service Cost)	(77,236)		(1,166,623)	(1,243,860)	6,864,727
9260	718011	Retirement (Pension - Non-Service Cost)	(127,157)		4,644,150	4,516,992	11,301,679
9260	518016	Retirement (Benefit Restoration Plan)	(77)		(158,900)	(158,977)	6,870
9260	718016	Retirement (Benefit Restoration Plan - Non-Qualified)	(3,303)		(366,424)	(369,727)	293,568
9260	518070	Savings Plan	(92,742)	153,455	-	60,713	9,545,674
9260	518166	Deferred Comp Plan	-		-	-	26,250
9260	718166	Deferred Comp Plan	-		-	-	29,167
9260	518020	Health and Welfare for Active Employees	(225,160)		-	(225,160)	17,497,024
9260	518032	Health and Welfare (Post-Retirement)	(18,656)		(515,324)	(533,980)	1,658,094
9260	718032	Health and Welfare (Post-Retirement - Non-Qualified)	13,743		(9,905,288)	(9,891,545)	(1,221,444)
9260	518090	Health and Welfare Long-Term Disability (Post-Employment)	(9,069)		(1,387,369)	(1,396,438)	806,052
TOTAL Benefit Costs Not Addressed on Question 2 or Question 3			(539,658)	153,455	(8,855,779)	(9,241,982)	46,807,660

Adjustment Description

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

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

										Discount Rate:	4.35%		
										Long-Term Rate:	6.00%		
Total Pension Cost												Amount to Recycle From AOCI	
Pension Cost Excluding Service Cost													
Division		Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Prior Service Cost Amort	Net Loss (Gain) Amort	Total Non-Service Cost	Total Pension Cost				
003A	CE Houston Electric	101452	\$ 14,989	\$ 41,165	\$ (45,834)	\$ 4,007	\$ 25,339	\$ 24,677	\$ 39,666	\$ 29,346			
JE1175			518011					718011					
003A	CE Houston Electric	101452	\$ 720	WP II D-3 7.4				\$ (16,196)		WP II D-3 7.4			

Nonqualified Retirement Benefits

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

		Net Periodic Pension Cost				Amortization of Unrecognized				
		Cost	Service	Interest	Expected	Prior	Net	Transition		
Division	Center	Cost	Cost	Cost	Return	Service	Loss	(Asset)		
					on Assets	Cost	(Gain)			
003A	CE Houston EI	101452	\$ 15,709	\$ 38,058	\$ (54,002)	\$ 4,007	\$ 20,418	\$ 0		

Nonqualified Retirement Benefits

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	Discount Rate:	3.65%	
	Long-Term Rate:	6.00%	
	Pension	Amount to	
	Cost	Recycle	
	(Income)	From	Non-Service
		AOCI	Cost
\$	24,190	\$ 24,425	\$ 8,481

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

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

JE1177

003A	CE Houston Electric	101452	\$ 518016 (5) WP II D-3 7 4					718016 81 WP II D-3.7.4				
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Accounting Requirements—DCP

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

Net Periodic Pension Cost					Amortization of Unrecognized		
Division	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Prior Service Cost	Net Loss (Gain)	
003A	CE Houston EI 101452	\$ 10	\$ 368	\$ 0	\$ 0	\$ 354	

Accounting Requirements—DCP

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		Discount Rate:		3.65%
Transition Obligation	Pension Cost (Income)	Amount to Recycle From AOCI	Non-Service Cost	
\$ 0	\$ 732	\$ (354)	\$ 722	

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Annual Net Periodic Benefit Cost 2019 (000s) Discount Rate: 4.00%

Total Postretirement Benefit Cost										
Postretirement Benefit Cost Excluding Service Cost										
Division		Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Prior Service Cost Amort	Net Loss (Gain) Amort	Total Non-Service Cost	Net Periodic Benefit Cost	
003A	CE Houston Electric	101451	\$ 338	\$ 366	\$ 0	\$ 0	\$ 0	\$ 366	\$ 704	
JE1156										
003A	CE Houston Electric	101451	518166 (23) WP II D-3.7.4					718166 (16) WP II D-3.7.4		

Accounting Requirements—Postretirement Medical and Life Plan

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Annual Net Periodic Benefit Cost, 2018 (000s)

Net Periodic Benefit Cost							
Division	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Amortization of Prior Service Cost	Net Loss (Gain)	Benefit Cost (Income)
003A	CE Houston EI 101451	\$ 315	\$ 346	\$ 0	\$ 0	\$ 4	\$ 665

Accounting Requirements—Postretirement Medical and Life Plan

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Discount Rate: 3.30%

Amount to Recycle From AQCI	Non-Service Cost
\$ 4	\$ 350

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2019 ASC 715 Postretirement Benefit Cost (000s)										Assets	12/31/2018
										Discount Rate	0.0435
										Long-Term Rate	0.046
Total Postretirement Benefit Cost											
Postretirement Benefit Cost Excluding Service Cost											
			Service Cost	Interest Cost	Expected Return on Assets	Prior Service Cost Amort	Net Loss (Gain) Amort	Total Non-Service Cost	Total Cost (Income)		
Division	Cost Center										
003A	CE Houston Electric	101452	\$ 480	\$ 7,057	\$ (4,241)	\$ (5,483)	\$ 0	\$ (2,667)	\$ (2,187)		
JE1178											
			518032								
003A	CE Houston Electric	101452	\$ (91)	WP II D-3.7.4							
			718032								
			\$ 895	WP II D-3.7.4							

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2018 ASC 715 Postretirement Benefit Cost (000s)

Division	Cost Center	Service Cost	Interest Cost	Expected Return on Assets	Amortization of Unrecognized Prior Service Cost	Net Loss (Gain)
003A	CE Houston Electric	101452	\$ 389	\$ 7,884	\$ (4,378)	\$ (5,483)
						\$ 205

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

Transition (Asset)	Annual Cost (Income)	Non-Service Cost
\$ 0	\$ (1,383)	\$ (1,772)

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Source: Account Reconciliation 4Q 2018

Schedule A			240035	0003
Period				
Beginning Balance 1/1/2018			(4,456,284)	II D-3 7.5
Benefit Accruals	2018-01		(1,818,917)	
Benefit Accruals	2018-02		(1,818,917)	
Benefit Accruals	2018-03		(1,818,917)	
Benefit Accruals	2018-04		(1,818,917)	
Benefit Accruals	2018-05		(1,818,917)	
Benefit Accruals	2018-06		(1,818,917)	
Benefit Accruals	2018-07		(1,689,751)	
Benefit Accruals	2018-08		(1,689,751)	
Benefit Accruals	2018-09		(1,689,751)	
Benefit Accruals	2018-10		(1,689,751)	
Benefit Accruals	2018-11		(1,689,751)	
Benefit Accruals	2018-12		(1,689,751)	
Subtotal			(21,052,009)	II D-3 7.5
IBNR Accrual Adjustment	2018-06		2,655,099	
IBNR Accrual Adjustment	2018-09		1,848,529	
IBNR Accrual Adjustment	2018-12		1,482,079	
Subtotal			5,985,707	II D-3 7.5
Benefit Payments	2018-01		1,726,358	
Benefit Payments	2018-02		1,468,682	
Benefit Payments	2018-03		736,103	
Benefit Payments	2018-04		1,666,124	
Benefit Payments	2018-05		1,429,373	
Benefit Payments	2018-06		927,689	
Benefit Payments	2018-07		1,451,640	
Benefit Payments	2018-08		968,324	
Benefit Payments	2018-09		1,696,976	
Benefit Payments	2018-10		1,002,911	
Benefit Payments	2018-11		1,153,696	
Benefit Payments	2018-12		1,283,993	
Subtotal			15,511,868	
Ending Balance			(4,010,718)	II D-3 7.5

Schedule B			259042	0003
Transaction	Year/month			
Beg. Balance	2017/12		(131,599,000)	II D-3 7.5
Beg. Balance Total			(131,599,000)	
Benefit payments	2018/01		89,847	
	2018/02		85,117	
	2018/03		83,789	
	2018/04		(3,138)	
	2018/05		84,492	
	2018/06		80,405	
	2018/07		79,545	
	2018/08		77,775	
	2018/09		81,390	
	2018/10		76,614	
	2018/11		87,888	
	2018/12		64,587	
Benefit payments Total			888,310	
Expense Accruals	2018/01		(324,583)	
	2018/02		(324,583)	
	2018/03		(324,583)	
	2018/04		(324,583)	
	2018/05		(324,583)	
	2018/06		(324,583)	
	2018/07		(324,583)	
	2018/08		(324,583)	
	2018/09		(324,583)	
	2018/10		(324,583)	
	2018/11		(324,583)	
	2018/12		(324,583)	
Expense Accruals Total			(3,894,996)	II D-3 7.5
FAS 158 Adjustments	2018/12		49,475,296.20	
FAS 158 Adjustments Total			49,475,296.20	
Retiree Contrib	2018/01		(24,164)	
	2018/02		(26,929)	
	2018/03		(26,216)	
	2018/04		(29,276)	
	2018/05		(29,485)	
	2018/06		(29,267)	
	2018/07		(30,508)	
	2018/08		(29,855)	
	2018/09		(28,805)	
	2018/10		(29,375)	II D-3 7.5
	2018/11		(29,117)	
	2018/12		(26,815)	
Retiree Contrib Total			(339,811)	

Schedule C			259043	0003
Sum of Amount in doc. curr.	Year/month			
Group	2017/12		(2,884,001)	II D-3 7.5
Beg Balance			(2,884,001)	
Beg Balance Total			(2,884,001)	
Benefit Payments	2018/01		127,160	
	2018/02		92,401	
	2018/03		102,047	
	2018/04		219,948	
	2018/05		152,043	
	2018/06		145,975	
	2018/07		293,881	
	2018/08		174,513	
	2018/09		257,333	
	2018/10		129,627	
	2018/11		179,955	
	2018/12		130,433	
Benefit Payments Total			2,005,315	II D-3 7.5
Accruals New Entrants	2018/01		(31,917)	
	2018/02		(31,917)	
	2018/03		(31,917)	
	2018/04		(31,917)	
	2018/05		(31,917)	
	2018/06		(31,917)	
	2018/07		(31,917)	
	2018/08		(31,917)	
	2018/09		(31,917)	
	2018/10		(31,917)	
	2018/11		118,417	
	2018/12		(39,250)	
Accruals New Entrants Total (1)			(240,003)	II D-3 7.5
Accruals PAYG	2018/01		(127,160)	
	2018/02		(92,401)	
	2018/03		(102,047)	
	2018/04		(219,948)	
	2018/05		(152,043)	
	2018/06		(145,975)	
	2018/07		(293,881)	
	2018/08		(174,513)	
	2018/09		(257,333)	
	2018/10		(129,627)	
	2018/11		(179,955)	
	2018/12		(130,433)	
Accruals PAYG Total (1)			(2,005,315)	II D-3 7.5
Grand Total			(3,124,004)	II D-3 7.5

(1) 2,245,318

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Source: Account Reconciliation 4Q 2018

Schedule A 240035

Schedule B		259042
VEBA contributions	2018/01	734,382
	2018/02	734,382
	2018/03	734,382
	2018/04	734,382
	2018/05	734,382
	2018/06	734,382
	2018/07	734,382
	2018/08	734,382
	2018/09	734,382
	2018/10	734,382 II D-3 7.5
	2018/11	0
	2018/12	734,382 II D-3 7.5
VEBA contributions Total		8,078,201
Grand Total		(77,392,000)

Schedule C 259043

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

Pivot Table

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

Sum of Amount in local cur. Column Labels

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

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Include in Pivot Tables Yes

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

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

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

* Amounts from the applicable actuarial study.

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

Year (a) Description (b) Regulated T&D Electric (c)

2019

Retiree Welfare Plan		
OPEB Cost*	1,575	See WP II-B-14.1
OPEB Expense	8,813	
OPEB Funding Payments*	8,626	
Post Employment Plan		
OPEB Cost*	2,245	
OPEB Expense	1,643	
OPEB Funding Payments*	2,005	
Total Plans		
OPEB Cost*	3,820	
OPEB Expense	10,456	
OPEB Funding Payments*	10,631	
Benefit Expense - Account 926		10,456
Non-Operating Deductions - Account 426		
Capitalized - Accounts 107, 108		2,084
Purchasing & Stores - Account 163		
Deferred OPEB Regulatory Asset - Account 182		(8,720)
Other		
Total Recoverable OPEB Cost		3,820
Total OPEB Funding Payments - Account 253		10,631

2018

Retiree Welfare Plan		
OPEB Cost*	2,360	See WP II-B-14.1
OPEB Expense	8,813	
OPEB Funding Payments*	9,522	
Post Employment Plan		
OPEB Cost*	(1,818)	
OPEB Expense	1,643	
OPEB Funding Payments*	1,770	
Total Plans		
OPEB Cost*	542	
OPEB Expense	10,456	
OPEB Funding Payments*	11,292	
Benefit Expense - Account 926		10,456
Non-Operating Deductions - Account 426		
Capitalized - Accounts 107, 108		304
Purchasing & Stores - Account 163		
Deferred OPEB Regulatory Asset - Account 182		(10,220)
Other		
Total Recoverable OPEB Cost		541
Total OPEB Funding Payments - Account 253		11,292

* Amounts from the applicable actuarial study.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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CONFIDENTIAL

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

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FERC Account	Description	Reference Schedule	Exclusions from Test Year	FF #	Functionalization Factor Name	Allocation to Texas
9302	Penalties and Fines	WP II-D-2.7	(20,853)	3	DIST	(20,853)
9302	Legislative Advocacy	WP II-D-2.6	(100,125)	7	TOMXFP(565)	(100,125)
NA	Other Exclusions	NA	-	1	DA	-
9302	Social/Recreational/Religious	WP II-D-2.6	(8,447)	12	PAYXAG	(8,447)
NA	Political	NA	-	1	DA	-
TOTAL EXCLUSIONS FROM REPORTING PERIOD		II-D-4	(129,425)			(129,425)

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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WORKPAPER WP/II-E-1 - ADJUSTMENTS AND KNOWN CHANGES

					Adj		
FERC Account	Description	Subldger Total	Remove Transportation Depreciation	Company Total	WP II-E-1 Adj 1 Depreciation Study	WP II-E-1 Adj 2 Not Used	WP II-E-1 Adj 3 AMS Depreciation
Depreciation and Amortization Expense							
Intangible Plant							
301	Organization	-		-			
302	Franchise and Consents	-		-			
303.01	Misc Intangible Plant - MF S/W	-		-			
303.02	Misc Intangible Plant - NMF S/W	42,281,074		42,281,074	(5,442,387)		(7,157,589)
Subtotal		42,281,074	-	42,281,074	(5,442,387)	-	(7,157,589)
Transmission Plant							
350.01	Land and Land Fees	-		-			
350.02	Land and Land Rights	1,300,576		1,300,576	(10,099)		
352.01	Structures and Improvements	3,021,327		3,021,327	182,000		
353.01	Station Equipment	20,539,509		20,539,509	(1,589,841)		
354.01	Towers and Fixtures	14,506,978		14,506,978	2,195,835		
355.01	Poles and Fixtures	4,147,750		4,147,750	(1,099,901)		
356.01	O H Conductors & Devices	20,063,646		20,063,646	(796,087)		
357.01	Underground Conduit	624,178		624,178	34,254		
358.01	Underground Conductors	360,671		360,671	(14,661)		
359.01	Roads and Trails	1,295,516		1,295,516	154,913		
Subtotal		65,860,152	-	65,860,152	(943,567)	-	-
Distribution							
360.01	Land and Land Fees	-		-			
360.02	Land and Land Rights	31,834		31,834	1,528		
361.01	Structures and Improvements	1,593,661		1,593,661	63,193		
362.01	Station Equipment	21,573,410		21,573,410	3,632,901		
364.01	Poles,Towers & Fixtures	23,182,992		23,182,992	1,667,567		
365.01	O H Conductors & Devices	26,953,518		26,953,518	5,034,617		
366.01	Underground Conduits	14,698,435		14,698,435	(3,352,209)		(10,398)
367.01	U G Conductors & Devices	33,718,845		33,718,845	746,268		(140,483)
368.01	Line Transformers	41,452,182		41,452,182	8,807,126		(74,984)
369.01	Services	7,302,810		7,302,810	1,583,450		
370.01	Meters	3,594,817		3,594,817	(1,049,708)		
370.02	Advanced Meters	-		-			
370.03	Automated Meters	25,430,679		25,430,679	(5,910,259)		(17,059,403)
371.01	Install. on Customer Prem (Not used)	-		-			
373.01	Street Lighting and Signal Systems	20,214,239		20,214,239	(2,222,995)		
373.02	Security Lighting	454,543		454,543			
374.01	Security Lighting	775		775			
Subtotal		220,202,741		220,202,741	9,001,480	-	(17,285,268)

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

		Adjustments and Known Changes				Total Known Changes	Company Total Electric
FERC Account	Description	WP II-E-1 Adj 4 Not Used	WP II-E-1 Adj 5 Energy Efficiency	WP II-E-1 Adj 6 Non-Utility Property	WP II-E-1 Adj 7 Reclass		
Depreciation and Amortization Expense							
Intangible Plant							
301	Organization					-	-
302	Franchise and Consents					-	-
303 01	Misc Intangible Plant - MF S/W					-	-
303 02	Misc Intangible Plant - NMF S/W		(30,934)			(12,630,909)	29,650,165
Subtotal		-	(30,934)	-	-	(12,630,909)	29,650,165
Transmission Plant							
350 01	Land and Land Fees					-	-
350 02	Land and Land Rights					(10,099)	1,290,477
352 01	Structures and Improvements					182,000	3,203,327
353 01	Station Equipment					(1,589,841)	18,949,668
354 01	Towers and Fixtures					2,195,855	16,702,833
355 01	Poles and Fixtures					(1,099,901)	3,047,849
356 01	O H. Conductors & Devices					(796,087)	19,267,559
357 01	Underground Conduit					34,254	658,432
358 01	Underground Conductors					(14,661)	346,010
359 01	Roads and Trails					154,913	1,450,430
Subtotal		-	-	-	-	(943,567)	64,916,585
Distribution							
360 01	Land and Land Fees					-	-
360 02	Land and Land Rights			(14,908)		(13,380)	18,454
361 01	Structures and Improvements					63,193	1,656,854
362 01	Station Equipment					3,632,901	25,206,312
364 01	Poles, Towers & Fixtures					1,667,567	24,850,559
365 01	O H. Conductors & Devices					5,034,617	31,988,135
366 01	Underground Conduits					(3,362,607)	11,335,828
367 01	U G. Conductors & Devices					605,785	34,324,630
368 01	Line Transformers					8,732,142	50,184,324
369 01	Services					1,583,450	8,886,260
370 01	Meters					(1,049,708)	2,545,109
370 02	Advanced Meters					-	-
370 03	Automated Meters					(22,969,662)	2,461,018
371 01	Install on Customer Prem. (Not used)					-	-
373 01	Street Lighting and Signal Systems					(2,222,995)	17,991,244
373 02	Security Lighting					775	455,318
374 01	Security Lighting					(775)	-
Subtotal		-	-	(14,908)	-	(8,298,695)	211,904,046

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

					Adj		
FERC Account	Description	Subledger Total	Remove Transportation Depreciation	Company Total	WP II-E-1 Adj 1 Depreciation Study	WP II-E-1 Adj 2 Not Used	WP II-E-1 Adj 3 AMS Depreciation
General Plant							
389.01	Land and Land Fees	-		-			
389.02	Land and Land Rights	3,103		3,103	(324)		
390.01	Structures and Improvements	5,270,713		5,270,713	(969,651)		
391.01	A391 Office Furniture	483,031		483,031	(94,551)		
392.01	Transportation equipment (A)	9,909,895	(9,909,895)	-			
393.01	Store Equipment	16,311		16,311	(839)		
394.01	Tools, Shop & Garage Equip	778,729		778,729	(49,250)		
395.01	Lab Equip	878,385		878,385	(54,755)		(6,792)
396.01	Power Operated Equipment (A)	1,008,960	(1,008,960)	-			
397.01	Communication Equipment	19,569,927		19,569,927	2,559,981		(7,489,437)
397.02	Computer Equipment	19,105,650		19,105,650	(424,931)		(558,228)
398.01	Misc Equip	508,456		508,456	(25,984)		
Subtotal		57,533,158	(10,918,854)	46,614,304	939,695	-	(8,054,457)
TOTAL DEPRECIATION & AMORTIZATION		385,877,126	(10,918,854)	374,958,272	3,555,221	-	(32,497,313)

(A) Remove depreciation for Transportation Equipment and Power Operated Equipment from Company Total as they are accounted for in Schedule D-1

Adjustment	Description
WP II-E-1 Adj 1	Adjustment due to new depreciation study
WP II-E-1 Adj 2	Adjustment Not Used
WP II-E-1 Adj 3	Adjustment due to AMS
WP II-E-1 Adj 4	Adjustment Not Used
WP II-E-1 Adj 5	Adjustment due to Energy Efficiency
WP II-E-1 Adj 6	Adjustment due to Non-Utility Property
WP II-E-1 Adj 7	Adjustment due to reclass to account 373.02

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

		Adjustments and Known Changes					
FERC Account	Description	WP II-E-1 Adj 4 Not Used	WP II-E-1 Adj 5 Energy Efficiency	WP II-E-1 Adj 6 Non-Utility Property	WP II-E-1 Adj 7 Reclass	Total Known Changes	Company Total Electric
General Plant							
389 01	Land and Land Fees					-	-
389 02	Land and Land Rights					(324)	2,779
390 01	Structures and Improvements					(969,651)	4,301,061
391 01	A391 Office Furniture					(94,551)	388,479
392.01	Transportation equipment (A)					-	-
393 01	Store Equipment					(839)	15,472
394 01	Tools, Shop & Garage Equip					(49,250)	729,478
395.01	Lab Equip					(61,547)	816,837
396.01	Power Operated Equipment (A)					-	-
397 01	Communication Equipment					(4,929,456)	14,640,471
397 02	Computer Equipment					(983,159)	18,122,491
398 01	Misc Equip					(25,984)	482,472
Subtotal		-	-	-	-	(7,114,762)	39,499,542
TOTAL DEPRECIATION & AMORTIZATION		-	(30,934)	(14,908)	-	(28,987,934)	345,970,338

(A) Remove depreciation for Transportation Equipment and Power Operated Equipment from C

Adjustment	Description
WP II-E-1 Adj 1	Adjustment due to new depreciation study
WP II-E-1 Adj 2	Adjustment Not Used
WP II-E-1 Adj 3	Adjustment due to AMS
WP II-E-1 Adj 4	Adjustment Not Used
WP II-E-1 Adj 5	Adjustment due to Energy Efficiency
WP II-E-1 Adj 6	Adjustment due to Non-Utility Property
WP II-E-1 Adj 7	Adjustment due to reclass to account 373 02

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Class	To CEHE 09/11	# of Months	Rate	Excess Reserve
E30302	(38,267,877.52)	18	1.190476%	(8,200,259.47)
E36601	(90,129.38)	18	1.190476%	(19,313.44)
E36701	(723,571.34)	18	1.190476%	(155,051.00)
E36801	(484,073.58)	18	1.190476%	(103,730.05)
E37003	(66,657,520.47)	18	1.190476%	(14,283,754.39)
E39201	(138,291.99)	18	1.190476%	(29,634.00)
E39701	(52,323,046.90)	18	1.190476%	(11,212,081.48)
E39702	(121,448.74)	18	1.190476%	(26,024.73)
E39801	(26,154.02)	18	1.190476%	(5,604.43)
	(158,832,113.94)			(34,035,452.99)

Class	PIS Transfer 2011	Adds/Xfers	Retirements	PIS 12/31/2018	Accruals	Retirements	COR/SALV
E30302	38,267,877.52	24,046.71	(66,792.65)	38,225,131.58	(30,067,618.05)	66,792.65	0.00
E36601	90,129.38	0.00	0.00	90,129.38	(17,451.41)	0.00	0.00
E36701	723,571.34	0.00	0.00	723,571.34	(178,175.20)	0.00	0.00
E36801	484,073.58	0.00	0.00	484,073.58	(116,020.21)	0.00	0.00
E37003	66,657,520.47	86,778.39	(17,040,382.78)	49,703,916.08	(46,830,075.30)	17,040,382.78	0.00
E39201	138,291.99	67,883.59	(163,683.17)	42,492.41	(108,657.99)	163,683.17	0.00
E39701	52,323,046.90	1,468.63	(7,571,774.02)	44,752,741.51	(46,654,656.20)	7,571,774.02	(1,675,869.21)
E39702	121,448.74	0.00	(97,457.29)	23,991.45	(86,297.69)	97,457.29	0.00
E39801	26,154.02			26,154.02	(8,844.95)	0.00	0.00
	158,832,113.94	180,177.32	(24,940,089.91)	134,072,201.35	(124,067,797.00)	24,940,089.91	(1,675,869.21)

* In order to offset the excess reserve associated with the AMS assets, this asset class should no longer depreciate.

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Class

E30302
E36601
E36701
E36801
E37003
E39201
E39701
E39702
E39801

Class	Xfer/ADJ	Total AD	NBV 12/31/2018	Excess Reserve	Xfer Less Accruals	Remaining Depr.	Adjustment
E30302	2,784,534.27	(27,216,291.13)	11,008,840.45	8,200,259.47	8,200,259.47	0.00	
E36601	(16.85)	(17,468.26)	72,661.12	19,313.44	72,677.97	53,364.53	
E36701	(144.24)	(178,319.44)	545,251.90	155,051.00	545,396.14	390,345.14	
E36801	(16,897.30)	(132,917.51)	351,156.07	103,730.05	368,053.37	264,323.32	
E37003	(477,118.03)	(30,266,810.55)	19,437,105.53	14,283,754.39	19,827,445.17	5,543,690.78	(5,543,690.78)
E39201	29,184.21	84,209.39	126,701.80	29,634.00	29,634.00	(0.00)	
E39701	(823,849.82)	(41,582,601.21)	3,170,140.30	11,212,081.48	5,668,390.70	(5,543,690.78)	5,543,690.78
E39702	0.00	11,159.60	35,151.05	26,024.73	35,151.05	9,126.32	
E39801	0.00	(8,844.95)	17,309.07	5,604.43	17,309.07	11,704.64	
	1,495,692.24	(99,307,884.06)	34,764,317.29	34,035,452.99	34,764,316.94	728,863.95	0.00

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Class
 E30302
 E36601
 E36701
 E36801
 E37003
 E39201
 E39701
 E39702
 E39801

Class	Balance To Depr	Reallocation	Ending NBV
E30302	0.00	(2,808,580.98) *	8,200,259.47
E36601	53,364.53		19,296.59
E36701	390,345.14		154,906.76
E36801	264,323.32		86,832.75
E37003	0.00	(5,153,351.14) *	14,283,754.39
E39201	(0.00)		126,701.80
E39701	0.00	7,961,932.12 *	11,132,072.42
E39702	9,126.32		26,024.73
E39801	11,704.64		5,604.43
	728,863.95	0.00	34,035,453.34

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WORKPAPER WP/II-E-1a - DEPRECIATION EXPENSE ADJUSTMENTS
 Source: Depreciation Study Prepared By Company Witness Mr. D. Watson

Account	Description	Original Cost at 12/31/2018	Existing Accrual Rate	Accrual at Existing Rates	Proposed Accrual Rate	Accrual at Proposed Rates	Difference Proposed vs Existing
<i>Transmission Property</i>							
E35002	LAND RIGHTS	100,986,142.53	1.32%	1,333,017.08	1.31%	1,322,918.47	(10,098.61)
E35201	STRUCT. & IMPROVEMTS	202,221,912.88	1.65%	3,336,661.56	1.74%	3,518,661.28	181,999.72
E35301	STATION EQUIPMENT	993,650,565.77	2.21%	21,959,677.50	2.05%	20,369,836.60	(1,589,840.91)
E35401	TOWERS & FIXTURES	844,559,604.94	1.89%	15,962,176.53	2.15%	18,158,031.51	2,195,854.97
E35501	POLES AND FIXTURES	124,988,758.89	3.35%	4,187,123.42	2.47%	3,087,222.34	(1,099,901.08)
E35601	O/H CONDUCT/DEVICES	612,374,412.63	3.34%	20,453,305.38	3.21%	19,657,218.65	(796,086.74)
E35701	UNDERGROUND CONDUIT	38,059,655.95	1.64%	624,178.36	1.73%	658,432.05	34,253.69
E35801	U/G CONDUCT/DEVICES	14,661,443.81	2.45%	359,205.37	2.35%	344,543.93	(14,661.44)
E35901	ROADS AND TRAILS	81,533,231.33	1.71%	1,394,218.26	1.90%	1,549,131.40	154,913.14
Total Transmission		3,013,035,728.73		69,609,563.47		68,665,996.22	(943,567.25)
<i>Distribution Plant Excluding Meters</i>							
E36002	LAND RIGHTS	1,175,408.31	1.42%	16,690.80	1.55%	18,218.83	1,528.03
E36101	STRUCT. & IMPROVEMTS	105,322,417.45	1.62%	1,706,223.16	1.68%	1,769,416.61	63,193.45
E36201	STATION EQUIPMENT	1,210,967,165.25	1.84%	22,281,795.84	2.14%	25,914,697.34	3,632,901.50
E36401	POLES, TOWERS, FIXTURE	833,783,398.52	3.64%	30,349,715.71	3.84%	32,017,282.50	1,667,566.80
E36501	O/H CONDUCT DEVICES	1,006,923,474.68	2.74%	27,589,703.21	3.24%	32,624,320.58	5,034,617.37
E36601	UNDERGROUND CONDUIT	588,106,910.45	2.53%	14,879,104.83	1.96%	11,526,895.44	(3,352,209.39)
E36701	U/G CONDUCT/DEVICES	1,066,096,905.06	3.27%	34,861,368.80	3.34%	35,607,636.63	746,267.83
E36801	LINE TRANSFORMERS	1,376,113,479.29	3.07%	42,246,683.81	3.71%	51,053,810.08	8,807,126.27
E36901	SERVICES	200,436,671.20	2.97%	5,952,969.13	3.76%	7,536,418.84	1,583,449.70
E37001	METERS	78,336,384.47	4.66%	3,650,475.52	3.32%	2,600,767.96	(1,049,707.55)
E37003	AMS METERS	62,082,548.56	14.29%	8,871,596.19	4.77%	2,961,337.57	(5,910,258.62)
E37301 & E37401		617,498,610.62	3.45%	21,301,702.07	3.09%	19,080,707.07	(2,222,995.00)
Total Distribution Excluding Meters		7,146,843,373.86		213,710,029.06		222,711,509.45	9,001,480.39
<i>General Property Excluding General Plant Amortization</i>							
E38902	LAND RIGHTS	154,399.83	2.01%	3,103.44	1.80%	2,779.20	(324.24)
E39001	STRUCT. & IMPROVEMTS	242,412,872.23	2.45%	5,939,115.37	2.05%	4,969,463.88	(969,651.49)
E39201	TRANSPORTATION EQUIP	136,240,718.45	7.63%	10,395,166.82	6.73%	9,169,000.35	(1,226,166.47)
E39601	POWER OPERATED EQUIP	23,947,280.01	4.40%	1,053,680.32	5.10%	1,221,311.28	167,630.96
E39701	MICROWAVE EQUIPMENT	294,250,704.32	4.21%	12,387,954.65	5.08%	14,947,935.78	2,559,981.13
Total General Excluding Amortization		697,005,974.84		29,779,020.60		30,310,490.49	531,469.89
<i>General Plant Accounts Amortized</i>							
E39101	OFFICE F/F	11,134,603.39	4.80%	534,460.96	4.17%	464,312.96	(70,148.00)
E39301	STORES EQUIPMENT	210,122.41	5.44%	11,430.66	5.26%	11,052.44	(378.22)
E39401	TOOLS, SHOP, GAR EQUIP	15,431,018.58	5.66%	873,395.65	5.56%	857,964.63	(15,431.02)
E39501	LAB EQUIPMENT	21,975,419.07	4.03%	885,609.39	4.00%	879,016.76	(6,592.63)
E39702	COMPUTER EQUIPMENT	157,870,576.20	12.55%	19,812,757.31	12.50%	19,733,822.03	(78,935.29)
E39801	MISC EQUIPMENT	10,864,589.93	5.02%	543,402.41	5.00%	543,229.50	(2,172.92)
Total General Amortized		217,486,329.58		22,663,056.39	10.34%	22,489,398.32	(173,658.07)
Reserve Difference Amortization						(476,652.34)	(476,652.34)
Total Depreciable Plant Excluding AMS Plant		11,074,371,407.01		335,761,669.52		343,700,742.14	7,939,072.61

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WORKPAPER WP/II-E-1a - DEPRECIATION EXPENSE ADJUSTMENTS
 Source: Depreciation Study Prepared By Company Witness Mr. D. Watson

Account	Description	Original Cost at 12/31/2018	Existing Accrual Rate	Accrual at Existing Rates	Proposed Accrual Rate	Accrual at Proposed Rates	Difference Proposed vs Existing
<i>Allocation of Reserve Difference Amortization</i>							
				E39101	11,134,603.39	5.1197%	(24,403.17)
				E39301	210,122.41	0.0966%	(460.45)
				E39401	15,431,018.58	7.0952%	(33,819.44)
				E39501	21,975,419.07	10.1043%	(48,162.38)
				E39702	157,870,576.20	72.5887%	(345,995.74)
				E39801	10,864,589.93	4.9955%	(23,811.17)
					217,486,329.58	100.0000%	(476,652.34)

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COMPARISON OF DEPRECIATION ACCRUAL INTANGIBLE PLANT
 AT EXISTING VS PROPOSED RATES
 AT DECEMBER 31, 2018
 Source: Depreciation Study Prepared By Company Witness Mr. D. Watson

Account	Description	Original Cost at 12/31/18	Existing Accrual Rate	Annual Accrual at Existing Rates	Proposed Accrual Rate	Annual Accrual at Proposed Rates	Difference Proposed vs Existing
<i>Intangible Plant Current Groupings</i>							
E30302	SOFTWARE 5 YEAR	133,888,854.40	20.00%	26,777,770.88	20.00%		
E30302	SOFTWARE 7 YEAR	39,031,713.59	14.29%	5,577,631.87	14.29%		
E30302	SOFTWARE 10 YEAR	83,593,909.77	10.00%	8,359,390.98	10.00%		
E30302	SOFTWARE 15 YEAR	0.00	10.00%	0.00	6.67%		
Total Intangible accrual rates		256,514,477.76		40,714,793.73			
<i>Intangible Plant Proposed Groupings</i>							
E30302	SOFTWARE 5 YEAR	74,410,485.77	20.00%		20.00%	14,882,097.15	
E30302	SOFTWARE 7 YEAR	66,116,204.82	14.29%		14.29%	9,448,005.67	
E30302	SOFTWARE 10 YEAR	96,273,816.47	10.00%		10.00%	9,627,381.65	
E30302	SOFTWARE 15 YEAR	19,713,970.67	10.00%		6.67%	1,314,921.84	
Total Intangible accrual proposed Rates		256,514,477.73				35,272,406.31	
Difference Intangible Accrual							(5,442,387.42)

Author 00924122

Information

Author	00924122	Last Refreshed	5/30/2019 12:35:11
Current User	00217114	Key Date	5/30/2019
Last Changed by	00924122	Changed At	6/23/2018 08:00:48
InfoProvider	ZFIAA_MCN	Status of Data	5/16/2018 22:14:32
Query Technical N ZAA_ZFIAA_MCN_PIS		Relevance of Data (Date)	5/16/2018
Query Description FIAA_PIS Rollforward		Relevance of Data (Time)	22:14:32

Table

Bal.Sht.Act.AP	Asset Class	Value of Asset at period start	Xfer from AUC-PIS Report	Xfer from CCNC- PIS Report	Xfer from RWIP- PIS Report
163010 Plant in Service E30302 Misc Int PII-NMF S/W		\$38,225,131.58			
163010 Plant in Service E36601 UNDERGROUND CONDUIT		\$90,129.38			
163010 Plant in Service E36701 U/G CONDUCT/DEVICES		\$723,571.34			
163010 Plant in Service E36801 LINE TRANSFORMERS		\$484,073.58			
163010 Plant in Service E37003 AUTOMATED METERS		\$49,703,916.08			
163010 Plant in Service E39201 TRANSPORTATION EQUIP		\$42,492.41			
163010 Plant in Service E39701 MICROWAVE EQUIPMENT		\$44,752,741.51			
163010 Plant in Service E39702 COMPUTER EQUIPMENT		\$23,991.45			
163010 Plant in Service E39801 MISC. EQUIPMENT		\$26,154.02			
163010 Plant in Service Result		\$134,072,201.35	\$0.00	\$0.00	\$0.00
171010 Acc Depr-Plnt in Sv DE36601 DEPR-UG CONDUIT					
171010 Acc Depr-Plnt in Sv DE36701 DEPR-UG CONDUCT/DEV					
171010 Acc Depr-Plnt in Sv DE36801 DEPR-LINE TRANSFORM					
171010 Acc Depr-Plnt in Sv DE37003 DEPR-AUTOMATED METRS					
171010 Acc Depr-Plnt in Sv DE39201 DEPR-TRANSPORTATION EQUIP					
171010 Acc Depr-Plnt in Sv DE39701 DEPR-MICROWAVE EQUIP					
171010 Acc Depr-Plnt in Sv DE39702 DEPR-COMPUTER EQUIP					
171010 Acc Depr-Plnt in Sv DE39801 DEPR-MISC EQUIP					
171010 Acc Depr-Plnt in Sv Result		\$0.00	\$0.00	\$0.00	\$0.00
172010 Acc Amort-Plnt Svc DE30302 DEPR-MISC INT-NMF SW		\$0.00			
172010 Acc Amort-Plnt Svc Result		\$0.00	\$0.00	\$0.00	\$0.00
Overall Result		\$134,072,201.35	\$0.00	\$0.00	\$0.00

Author 00924122

Information

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Last Changed by	00924122	Changed At
InfoProvider	ZFIAA_MCN	Status of Data
Query Technical	h ZAA_ZFIAA_MCN_PIS	Relevance of Data (Date)
Query Description	FIAA_PIS Rollforward	Relevance of Data (Time)

Table

Bal.Sht.Act.AP	Asset Class	Misc Int PIL-NMF S/W	Other addition	Net Addition	Intra Co addit	Inter Co Addit	True Retirement	Intra co Reti	Inter co Reti	Ending Balance B
163010	Plant in Service	E30302								\$38,225,131.58
163010	Plant in Service	E36601								\$90,129.38
163010	Plant in Service	E36701								\$723,571.34
163010	Plant in Service	E36801								\$484,073.58
163010	Plant in Service	E37003								\$49,703,916.08
163010	Plant in Service	E39201								\$42,492.41
163010	Plant in Service	E39701								\$44,752,741.61
163010	Plant in Service	E39702								\$23,991.45
163010	Plant in Service	E39801								\$26,154.02
163010	Plant in Service	Result	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$134,072,201.35
171010	Acc Depr-Plant in Sv	DE36601								\$0.00
171010	Acc Depr-Plant in Sv	DE36701								\$0.00
171010	Acc Depr-Plant in Sv	DE36801								\$0.00
171010	Acc Depr-Plant in Sv	DE37003								\$0.00
171010	Acc Depr-Plant in Sv	DE39201								\$0.00
171010	Acc Depr-Plant in Sv	DE39701								\$0.00
171010	Acc Depr-Plant in Sv	DE39702								\$0.00
171010	Acc Depr-Plant in Sv	DE39801								\$0.00
171010	Acc Depr-Plant in Sv	Result	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
172010	Acc Amort-Plant Svc	DE30302								\$0.00
		Result	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Overall Result			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$134,072,201.35

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Last Changed by	00924122	Changed At
InfoProvider	ZFIAA_MCN	Status of Data
Query Technical N ZAA_ZFIAA_MCN_PIS		Relevance of Data (Date)
Query Description FIAA: PIS Rollforward		Relevance of Data (Time)

Table

Bal.Sht.Act AP	Asset Class	Beginning balance acc d	Retirements	Intra Co transfer P	Inter co Transf	Accruals	Accr from CCN
163010 Plant in Service E30302 Misc Int Pil-NMF SW		-\$31,218,201.38				-\$2,386,629.38	
163010 Plant in Service E36601 UNDERGROUND CONDUIT		-\$15,142.90				-\$2,325.36	
163010 Plant in Service E36701 U/G CONDUCT/DEVICES		-\$154,658.68				-\$23,660.76	
163010 Plant in Service E36801 LINE TRANSFORMERS		-\$118,007.99				-\$14,909.52	
163010 Plant in Service E37003 AUTOMATED METERS		-\$32,424,523.32				\$0.00	
163010 Plant in Service E39201 TRANSPORTATION EQUIP		-\$22,202.73				-\$3,242.16	
163010 Plant in Service E39701 MICROWAVE EQUIPMENT		-\$42,767,959.05				\$0.00	
163010 Plant in Service E39702 COMPUTER EQUIPMENT		-\$11,404.76				-\$1,262.71	
163010 Plant in Service E39801 MISC. EQUIPMENT		-\$8,629.09				-\$1,313.17	
163010 Plant in Service Result		-\$106,740,729.90	\$0.00	\$0.00	\$0.00	-\$2,433,343.06	\$0.00
171010 Acc Depr-Pint in Sv DE36601 DEPR-UG CONDUIT		\$0.00				\$0.00	
171010 Acc Depr-Pint in Sv DE36701 DEPR-UG CONDUCT/DEV		\$0.00				\$0.00	
171010 Acc Depr-Pint in Sv DE36801 DEPR-LINE TRANSFORM		\$0.00				\$0.00	
171010 Acc Depr-Pint in Sv DE37003 DEPR-AUTOMATED METRS		\$2,157,712.77				\$0.00	
171010 Acc Depr-Pint in Sv DE39201 DEPR-TRANSPORTATION EQUIP		\$109,654.28				\$0.00	
171010 Acc Depr-Pint in Sv DE39701 DEPR-MICROWAVE EQUIP		\$1,185,357.84				\$0.00	
171010 Acc Depr-Pint in Sv DE39702 DEPR-COMPUTER EQUIP		\$23,827.07				\$0.00	
171010 Acc Depr-Pint in Sv DE39801 DEPR-MISC EQUIP		\$1,097.31				\$0.00	
171010 Acc Depr-Pint in Sv Result		\$3,477,649.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
172010 Acc Amort-Pint Svc DE30302 DEPR-MISC INT-NMF SW		\$6,388,539.63				\$0.00	
Result		\$6,388,539.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Overall Result		-\$96,874,541.00	\$0.00	\$0.00	\$0.00	-\$2,433,343.06	\$0.00

Author 00924122

Information

Author	00924122	Last Refreshed
Current User	00217114	Key Date
Last Changed by	00924122	Changed At
InfoProvider	ZFIAA_MCN	Status of Data
Query Technical N ZAA_ZFIAA_MCN_PIS		Relevance of Data (Date)
Query Description FIAA: PIS Rollforward		Relevance of Data (Time)

Table

Bal.	Sht	Act.	AP	Asset Class	Cost of Remov	Cost of Salvag	Adjustment	Ending Balance acc depreciator
163010		Plant in Service		E30302 Misc Int Ptl-NMF S/W				-\$33,604,830.76
163010		Plant in Service		E36601 UNDERGROUND CONDUIT				-\$17,468.26
163010		Plant in Service		E36701 U/G CONDUCT/DEVICES				-\$178,319.44
163010		Plant in Service		E36801 LINE TRANSFORMERS				-\$132,917.51
163010		Plant in Service		E37003 AUTOMATED METERS				-\$32,424,523.32
163010		Plant in Service		E39201 TRANSPORTATION EQUIP				-\$25,444.89
163010		Plant in Service		E39701 MICROWAVE EQUIPMENT				-\$42,767,959.05
163010		Plant in Service		E39702 COMPUTER EQUIPMENT				-\$12,667.47
163010		Plant in Service		E39801 MISC. EQUIPMENT				-\$9,942.26
163010		Plant in Service		Result	\$0.00	\$0.00	\$0.00	-\$109,174,072.96
171010		Acc Depr-Plnt in Sv		DE36601 DEPR-UG CONDUIT				\$0.00
171010		Acc Depr-Plnt in Sv		DE36701 DEPR-UG CONDUCT/DEV				\$0.00
171010		Acc Depr-Plnt in Sv		DE36801 DEPR-LINE TRANSFORM				\$0.00
171010		Acc Depr-Plnt in Sv		DE37003 DEPR-AUTOMATED METRS				\$2,157,712.77
171010		Acc Depr-Plnt in Sv		DE39201 DEPR-TRANSPORTATION EQUIP				\$109,654.28
171010		Acc Depr-Plnt in Sv		DE39701 DEPR-MICROWAVE EQUIP				\$1,185,357.84
171010		Acc Depr-Plnt in Sv		DE39702 DEPR-COMPUTER EQUIP				\$23,827.07
171010		Acc Depr-Plnt in Sv		DE39801 DEPR-MISC EQUIP				\$1,097.31
171010		Acc Depr-Plnt in Sv		Result	\$0.00	\$0.00	\$0.00	\$3,477,649.27
172010		Acc Amort-Plnt Svc		DE30302 DEPR-MISC INT-NMF SW				\$6,388,539.63
				Result	\$0.00	\$0.00	\$0.00	\$6,388,539.63
Overall Result					\$0.00	\$0.00	\$0.00	-\$99,307,884.06

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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WORKPAPER WP/II-E-2 - ADJUSTMENTS AND KNOWN CHANGES

			Adjustments and Known Changes							
FERC Account	Description of Benefits	Total Company	WP II-E-2 Adj 1 Direct Wage	WP II-E-2 Adj 2 Prior Period	WP II-E-2 Adj 3 Ad Valorem Tax	WP II-E-2 Adj 4 Municipal Franchise Tax	WP II-E-2 Adj 5 State Margin Tax Test Year Expense	WP II-E-2 Adj 6 EECRF	Total Known Changes	Company Total Electric
<u>Taxes Other than Income Taxes</u>										
Payroll-Related										
4081	FICA	11,402,645	8,431					(116,620)	(108,189)	11,294,456
4081	FUTA	310,368							-	310,368
Total Federal		11,713,014	8,431	-	-	-	-	(116,620)	(108,189)	11,604,825
Property Related										
4081	Ad Valorem Tax	88,143,563			6,249,814				6,249,814	94,393,376
Total Property		88,143,563	-	-	6,249,814	-	-	-	6,249,814	94,393,376
Other										
4081	Sales & Use Tax	174,517		(174,517)					(174,517)	-
Total Non-Revenue Related		100,031,093	8,431	(174,517)	6,249,814	-	-	(116,620)	5,967,108	105,998,201
Revenue Related										
4081	Texas Gross Margin Tax	18,414,448					1,612,800		1,612,800	20,027,248
4081	Municipal Franchise Fees	150,771,837				2,473,106			2,473,106	153,244,944
4081	Deferred SIT/Local	(327,383)							-	(327,383)
Total Revenue Related		168,858,902	-	-	-	2,473,106	1,612,800	-	4,085,906	172,944,809
TOTAL TAXES OTHER THAN INCOME TAXES		268,889,996	8,431	(174,517)	6,249,814	2,473,106	1,612,800	(116,620)	10,053,014	278,943,010

Adjustment Description

Adjustment	Description
WP II-E-2 Adj 1	Adjustment due to FICA Tax Impact of Payroll Adjustment
WP II-E-2 Adj 2	Adjustment due to Prior Period Adjustment
WP II-E-2 Adj 3	Adjustment due to Ad Valorem Tax
WP II-E-2 Adj 4	Adjustment due to Municipal Franchise Tax
WP II-E-2 Adj 5	Adjustment due to State Margin Tax
WP II-E-2 Adj 6	Adjustment due to Energy Efficiency

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WP/II-E-2.1 AD VALOREM TAX ADJUSTMENT FACTOR

2018 Ending Plant in Service	11,515,860,914
less: 2018 Beginning Plant in Service	10,803,501,155
Change in Plant in Service	712,359,758
Divided by 2018 Beginning Plant in Service	10,803,501,155
Increase in Plant in Service	6.594%
2018 Ad Valorem Taxes	88,554,296
times Additions Factor	1.06594
2019 Forecasted Ad Valorem Taxes	94,393,376

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Current Texas Margin Tax (TMT)
 Souce: CorpTax Software

2018 Texas Franchise Tax Report
YTD 12/31/2017

CEHE
CNP Houston Electric, LLC
10003

Destination Sales	2,565,502,948	
Intercompany Sales	-	
Dividends	-	
Intercompany Dividends		
Sales of Assets		
Interest	1,685,520	
Intercompany Interest Income	-	
Interest from Partnership		
Rents	-	
Rents - pship flow thru		
Intercompany Rental Income		
Royalties		
Capital Gain/(Loss)	4,812,394	
Ordinary Gain/(Loss)	(184,131,413)	
Intercompany Ordinary Gain/(Loss)		
Other Income	69,249,823	
Other Income - pship income	-	
Gross sales from financial transactions	-	
Total Revenues	2,457,119,272	
Adjustments		
P'Ship income	-	
Transition Bond Income		
Bad Debts	(1,859,544)	
Total Adjustments	(1,859,544)	
Total Adjusted Revenues	2,455,259,728	
Total Adjusted Revenues at 70%	1,718,681,810	
Cost of Good Sold (COGS)	-	
4% of Indirect or administrative overhead costs	-	
Total COGS	-	
Margin Subject to Tax	2,455,259,728	
Apportionment	100.00%	
Statutory Tax Rate	0.7500%	
Current Texas Margin Tax	18,414,448	ties to 2018 expense per GL 717025

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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Calculation of Franchise Payment Known Change

2018 Test Year Expenses:

KWH Cities	\$	6,931,173.80
Non-KWH Cities	\$	143,888,323.36
Unbilled Estimate Net	\$	(47,660.00)
Total	\$	150,771,837.16

Non-KWH Cities Calculated Using 2018 Annual Adjustment Factor	\$	146,361,429.86
Non-KWH Cities Test Year	\$	143,888,323.36
Known Change: Increase (Decrease)	\$	2,473,106.50

G/L Subtotals:

G/L Account No.	722135	Oth Taxes
Company Code	0003	CNP Houst
Amt in loc.cur.	Document Header Text	
6,931,173.80	KWH Accrual	
31,458.46	NON KWH accrual credits	
143,856,864.90	Non-KWH Accrual	
47,660.00-	Unbilled Taxes	
150,771,837.16	150,771,837.16	

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

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Calculated Using 2018 Annual Adjustment Factor

City	Annual Franchise Fee	Contract Effective Date
Bayou Vista	59,930.69	Sept. 1, 2006
Baytown	2,658,287.02	Sept. 1, 2006
Beach City	93,401.86	Aug. 1, 2006
Beasley	26,498.54	July 1, 2006
Bellaire	834,752.83	July 1, 2006
Bonney Village	15,367.57	July 1, 2006
Brazos	20,861.65	Sept. 1, 2006
Brookshire	177,638.65	Aug. 1, 2006
Brookside Village	39,934.08	December 1, 2006
Bunker Hill	184,423.59	Aug. 19, 2008
Clear Lake Shores	121,331.68	May 1, 2007
Clute	391,844.27	July 1, 2006
Cove	42,100.08	July 1, 2006
Danbury	49,384.61	July 1, 2006
Deer Park	1,189,990.22	December 1, 2006
East Bernard	83,095.03	Sept. 28, 2008
Fairchilds	28,826.97	July 1, 2006
Freeport	493,977.94	July 1, 2006
Fulshear	479,849.13	July 1, 2006
Galena Park	649,559.99	July 1, 2006
Galveston	3,160,347.18	August 1, 2006
Hedwig Village	256,173.17	July 1, 2006
Hilcrest Village	22,541.71	July 1, 2006
Hilshire Village	36,358.64	June 1, 2008
Hitchcock	234,917.68	December 1, 2007
Houston	101,476,464.05	July 1, 2006
Humble	1,068,816.34	July 1, 2006
Hunter Creek	245,246.94	January 20, 2009
Jacinto City	419,574.72	July 1, 2006
Jamaica Beach	69,408.51	July 1, 2006
Jersey Village	363,135.57	January 1, 2009
Jones Creek	59,560.34	July 1, 2006
Katy	985,720.94	July 1, 2006
Kemah	154,361.34	July 1, 2006
Kendleton	19,009.43	July 1, 2006
Lake Jackson	1,153,231.04	Aug. 1, 2006
Laporte	2,404,721.38	Oct. 1, 2006
Liverpool	24,935.18	July 1, 2006
Magnolia	145,687.12	July 1, 2006
Meadows Place	169,597.77	July 1, 2006
Mont Belvieu	6,334,328.35	July 1, 2006
Morgan's Point	244,644.92	July 1, 2006
Nassau Bay	324,090.92	December 1, 2006
Needville	99,820.10	July 1, 2006
Old River Winfree	45,202.22	July 1, 2006
Orchard	13,156.13	July 1, 2006
Oyster Creek	909,982.62	July 1, 2006
Pasadena	5,004,483.52	Oct. 1, 2006
Pine Island	29,815.13	July 1, 2006
Piney Point Village	272,507.17	Oct. 1, 2006
Plenk	36,329.92	July 1, 2006
Quintana	53,457.32	July 1, 2006
Richmond	433,798.09	July 1, 2006
Richwood	119,101.63	July 1, 2006
Rosenberg	1,187,609.18	July 15, 2008
San Felipe	36,770.70	July 1, 2006
Sandy Point	42,854.26	July 1, 2006
Santa Fe	439,088.54	May 1, 2007

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Calculated Using 2018 Annual Adjustment Factor

City	Annual Franchise Fee	Contract Effective Date
Seabrook	428,443.17	Jan. 1, 2007
Sealy	311,632.89	Sept 1, 2006
Simonton	33,076.82	July 1, 2006
South Houston	456,803.70	July 1, 2006
Southside Place	101,182.32	July 1, 2006
Spring Valley	205,873.13	May 1, 2008
Stafford	1,391,380.03	April 1, 2009
Stagecoach	34,236.47	December 1, 2006
Sugar Land	4,388,960.07	March 1, 2010
Surfside Beach	69,693.04	July 1, 2006
Thompsons	26,754.17	July 1, 2006
Tiki Island	76,130.66	July 1, 2006
Tomball	744,421.15	Sept 2, 2008
Waller	132,651.20	July 1, 2008
Wallis	44,773.32	July 1, 2006
Webster	993,339.79	July 1, 2006
West University Place	559,763.03	February 1, 2008
Weston Lakes	112,041.54	January 1, 2009
Wharton	512,365.18	January 1, 2007
Total	146,361,429.86	77

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FERC Account	Description	Reference Schedule	2018
	Adjustment to Margin Tax Expense		
4081	Margin Tax Expense in Test Year		
	Regulatory Asset Amortization	WP II-B-12.1c	19,627,578
	2017 Margin Tax True Up		(1,213,130)
4081	Total Margin Tax Expense in Test Year		18,414,448
4081	Remove Margin Tax Expense in Test Year		(18,414,448)
4081	Add in Current Margin Tax Expense	WP II-B-12.1c	20,027,248
4081	Adjustment to Test Year to Schedule II-E-2		1,612,800
	 Add Amortization of Regulatory Asset	II-E-4.1.1	
4073	Regulatory Asset Balance Transition		19,627,578
	Recovery period		3
4073	Annual amortization		6,542,526

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

CONFIDENTIAL

Workpapers WP/II-E-2 Note 2 (Direct) – Taxes Other Than Federal Income Taxes is confidential. A copy of this material will be provided only after execution of a certification to be bound by the draft protective order set forth in Section VII of this Rate Filing Package or a protective order issued in this docket.

WORKPAPERS
TO
RATE FILING PACKAGE
OF
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

WP/II-E-2.1 – Ad Valorem Taxes & Plant
Balances

is voluminous and will be provided in electronic
format.

City of Sugar Land Annual Franchise Payment Calculation
Effective July 1, 2019

Line No.	Description	Amount	Franchise Ordinance
1	Annual Franchise Fee:		
2	Base Amount	\$ 2,655,248.08	Per Section 6.01
3		\$ -	
4	Annual Franchise Fee (line 2 + line 3)	\$ 2,655,248.08	
5	Annual Adjustment Factor:		Per Section 6.01
6	kWh delivered within corporate limits of City in the calendar year 2018	1,538,607,835	Includes street lights
7	kWh delivered within corporate limits of City in base year 1998	929,622,265	Base Year fixed (includes street lights)
8	Annual Adjustment Factor (line 6 / line 7)	1.65	
9	Adjusted Annual Franchise Fee (line 8 x line 4)	\$ 4,388,960.07	
Determination of Annual Franchise Fee Payment:			
10	Is line 9 higher than line 4? If yes, insert amount from line 9. If no, insert amount from line 4.	\$ 4,388,960.07	Per Section 6.01
11	Less: Municipal Account Franchise Credits applicable to City in the calendar year 2018	\$ 92,469.59	Per Section 6.01
12	Total Annual Franchise Fee Payment (line 10 - line 11)	\$ 4,296,490.48	
13	Monthly Payment (line 12 / 12 months)	\$ 358,040.87	Due 1st day of each month beg. July 1st

\$ 4,388,960.07

Monthly Payments:		Based on 2018	
	Monthly Payment	Franchise Credits	
July 1	\$ 358,040.87	\$ 7,705.80	\$ 365,746.67
August 1	358,040.87	7,705.80	365,746.67
September 1	358,040.87	7,705.80	365,746.67
October 1	358,040.87	7,705.80	365,746.67
November 1	358,040.87	7,705.80	365,746.67
December 1	358,040.87	7,705.80	365,746.67
January 1	358,040.87	7,705.80	365,746.67
February 1	358,040.87	7,705.80	365,746.67
March 1	358,040.87	7,705.80	365,746.67
April 1	358,040.87	7,705.80	365,746.67
May 1	358,040.87	7,705.80	365,746.67
June 1	358,040.87	7,705.80	365,746.67
Total	\$ 4,296,490.48	\$ 92,469.59	\$ 4,388,960.07

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

CONFIDENTIAL

Workpapers WP/II-E-3.1, WP/II-E-3.1.1, WP/II-E-3.1.2, and WP/II-E-3.1.3 – Reconciliation of Test Year Book Net Income to Taxable Net Income 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.

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Tax Additions 2010 - 2018
 Source: PowerTax Reports
 THOUSANDS OF DOLLARS

Description	2010 Additions	2011 Additions	2012 Additions	2013 Additions	2014 Additions	2015 Additions	2016 Additions	2017 Additions	2018 Additions	Total Depreciable Tax Basis
Intangible Plant	-	-	-	1,497	9,298	21,981	968	7,581	8,284	49,608
Land	-	(0)	33	2,632	4,245	737	13,528	11,152	-	32,327
Transmission Easements	8	20	168	531	24	-	14,328	30,663	-	45,742
Transmission Prop Elect	-	-	-	44,825	55,506	77,359	99,953	147,861	259,426	684,931
Distribution	-	-	-	137,411	183,265	227,619	185,058	198,923	332,971	1,265,248
Street Lighting	-	-	-	7,852	11,841	19,816	24,245	16,122	43,268	123,144
Advanced Meters (Begin 10/3/2008)	-	-	-	-	-	-	-	-	-	-
Advanced Meters (Begin 10/3/2008)	-	-	-	5,689	2,024	8,876	6,551	6,745	34,786	64,670
Real Property - 31.5/39 Yr - NT	726	370	2,199	4,974	64,530	47,170	5,953	967	28,698	155,787
Office Furn & Fixt-NT	-	-	-	28,475	17,058	40,543	12,086	7,140	5,000	110,302
Transportation-NT	-	-	-	4,153	11,225	4,897	8,460	1,903	1,000	31,638
Information Systems-NT	-	-	-	3,969	10,988	40,598	3,885	1,956	5,000	66,396
General Prop	-	-	-	2,165	4,782	4,777	1,275	3,871	10,000	26,870
Leasehold Imp	-	-	-	-	-	-	-	866	-	866
Intangible Plant	37	-	1,381	-	-	-	-	-	-	1,417
Distribution	67,979	26,868	146,147	-	-	-	-	-	-	240,945
Transmission Prop-Electric	24,904	4,451	34,789	-	-	-	-	-	-	64,144
Advanced Meters (Begin 10/3/2008)	2,286	-	-	-	-	-	-	-	-	2,286
Advanced Meters (Begin 10/3/2008)	-	-	19,044	-	-	-	-	-	-	19,044
Information Systems-NT	2,059	-	10,867	-	-	-	-	-	-	12,926
Office Furn & Fixt-NT	6,324	-	18,619	-	-	-	-	-	-	24,943
Transportation-NT	990	-	10,166	-	-	-	-	-	-	11,156
General Prop	-	-	2,592	-	-	-	-	-	-	2,592
Street Lighting	560	(82)	4,509	-	-	-	-	-	-	4,988
TAX BASIS	105,824	31,627	250,713	244,172	374,784	494,374	376,291	435,751	728,433	3,041,970
check	-	-	-	-	-	-	-	-	-	-

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SUMMARY OF GROSS ADDITIONS TO ELECTRIC PLANT
YEAR TO DATE AS OF DECEMBER 31, 2010
Tax Additions 2010

Source: 2010 Tax Fixed Asset Rollforward

POWER TAX CATEGORY	CLASSIFICATION	Tax Life	BOOK ADDITIONS	Reclass	CY adds Tr'd Out	BOOK BASIS POWER TAX ADDITIONS	DEVELOPED SOFTWARE	LESS: NON-CASH SALVAGE	LESS: FUTURE RETIRE COSTS	AFUDC EQ	NORMALIZED DIFFERENCES	ADR REPAIR ALLOWANCE	REMOVAL COSTS ON EXP REPAIRS
INTANGIBLE PLANT	INTANGIBLE PLANT												
	E30201					-							
	E30301	3				-							
	E30302	3	25,329,552.00			25,329,552	(22,342,342)						
	TOTAL INTANGIBLE PLT		25,329,552.00	-	-	25,329,552	(22,342,342)	-	-	-	-	-	-
LAND	EASEMENTS - PROD PLT												
	E31001			-		-							
	EASEMENTS - TRANSMISSION												
	E35001			-		-							
TRANSMISSION EASEMENTS	E35002	84	8,159.50			8,160							
LAND	E38901			-		-							
TRANSMISSION EASEMENTS	E38902	84			-	-							
TRANSMISSION EASEMENTS	TOTAL EASEMENTS - GENERAL PLANT		8,159.50	-	-	8,160		-	-	-	-	-	-
LAND	EASEMENTS - DISTRIBUTION												
	E36001			-		-							
	DISTRIBUTION EASEMENTS												
	E36002	46				-							
DISTRIBUTION EASEMENTS	TOTAL EASEMENTS - DISTRIBUTION			-	-	-		-	-	-	-	-	-
TRANSMISSION PROP ELECT	STRUCTURES & IMPROVEMENTS												
	E35201	15	4,021,163.51		-	4,021,164		-		(165,099)	101,276		
	E35301	15	30,576,184.96		-	30,576,185				(1,205,326)	732,973		
	E35401	15	6,732,525.33		-	6,732,525				(116,237)	70,933		
	E35501	15	1,491,493.60		-	1,491,494				(21,015)	12,835		
	E35601	15	11,978,262.74		-	11,978,263				(289,081)	176,980		
	E35701	15			-	-				-	-		
	E35801	15			-	-		24,504		-	-		
	E35901	15	899,052.20		-	899,052				(13,116)	8,067		
	TOTAL TRANSMISSION PROP	15	55,698,682.34	-	-	55,698,682.34		24,504		(1,809,874)	1,103,063.00		
DISTRIBUTION	DISTRIBUTION												
	E36101	20	358,828.37	-	-	358,828		-		(4,474)	2,621		
	E36201	20	27,542,070.91		-	27,542,071		(37,620)		(567,066)	343,863		
	E36401	20	20,954,277.54		-	20,954,278		26,865		(99,317)	60,950		
	E36501	20	26,273,818.74		-	26,273,819		23,217		(156,848)	96,133		
	E36601	20	5,485,218.45		-	5,485,218		-		(56,467)	34,959		
	E36701	20	26,563,867.53		-	26,563,868		-		(220,254)	134,349		
	E36801	20	50,732,948.77	(36)	-	50,732,985		1,260,482		(155,792)	95,649	(7,503,777)	
	E36901	20	5,733,853.07		-	5,733,853		-		(3,836)	2,363		
	E37001	20	2,793,846.36		-	2,793,846		78,814		-	-		
	GENERAL PLANT												
	E39301	20		-	-	-		-					
	E39401	20	178,098.78		-	178,099		-		-	(7)		
	E39501	20	617,885.70		-	617,886		-		-	(1,616)		
DISTRIBUTION	E39601	20	1,481,724.64	21,558	-	1,460,167		-		-	-		
	E39801	20	145,030.31		-	145,030		-		-	-		
	E39910	20	(5,233.80)		-	(5,234)			5,234	-	-		
	E37402	20	9,686,887.80		-	9,686,888			(9,686,888)				
	TOTAL DISTRIBUTION	20	178,543,123.17	21,522	-	178,521,601		1,351,757	(9,681,654)	(1,264,053)	769,263	(7,503,777)	
STREET LIGHTING	E37301	7	12,984,089.99		-	12,984,090		25,432		(48,149)	29,587		
	E37401	7	629,121.90		-	629,122		2,734		(1,034)	-		
	STREET LIGHTING	7	13,613,211.89		-	13,613,212		28,166		(49,184)	29,587		
AMS	E37002	10				-							
AMS	E37003	10	91,317,665.26			91,317,665							

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

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SUMMARY OF GROSS ADDITIONS TO ELECTRIC PLANT
 YEAR TO DATE AS OF DECEMBER 31, 2010
 Tax Additions 2010

Source: 2010 Tax Fixed Asset Rollforward

POWER TAX CATEGORY	CLASSIFICATION	Tax Life	TAXABLE CIAC	REPAIRS CAP ON BK	CAPITALIZED OH (BENEFITS)	TOTAL TAX ADDITIONS
	INTANGIBLE PLANT					
	E30201					-
	E30301	3				-
INTANGIBLE PLANT	E30302	3				2,987,210
	TOTAL INTANGIBLE PLT					2,987,210
	EASEMENTS - PROD PLT					-
LAND	E31001					-
	EASEMENTS - TRANSMISSION					-
LAND	E35001					-
TRANSMISSION EASEMENTS	E35002	84				8,160
LAND	E38901					-
TRANSMISSION EASEMENTS	E38902	84				-
TRANSMISSION EASEMENTS	TOTAL EASEMENTS - GENERAL PLANT					8,160
	EASEMENTS - DISTRIBUTION					-
LAND	E36001					-
DISTRIBUTION EASEMENTS	E36002	46				-
DISTRIBUTION EASEMENTS	TOTAL EASEMENTS - DISTRIBUTION					-
	STRUCTURES & IMPROVEMENTS					
TRANSMISSION PROP ELECT	E35201	15				3,957,341
TRANSMISSION PROP ELECT	E35301	15				30,103,832
TRANSMISSION PROP ELECT	E35401	15				6,687,221
TRANSMISSION PROP ELECT	E35501	15				1,483,313
TRANSMISSION PROP ELECT	E35601	15				11,866,161
TRANSMISSION PROP ELECT	E35701	15				-
TRANSMISSION PROP ELECT	E35801	15				24,504
TRANSMISSION PROP ELECT	E35901	15				894,003
	TOTAL TRANSMISSION PROP	15				55,016,375.03
	DISTRIBUTION					-
DISTRIBUTION	E36101	20				356,975
DISTRIBUTION	E36201	20				27,281,249
DISTRIBUTION	E36401	20				20,942,775
DISTRIBUTION	E36501	20				26,236,321
DISTRIBUTION	E36601	20				5,463,710
DISTRIBUTION	E36701	20	32,209,399			58,687,362
DISTRIBUTION	E36801	20		(22,205,807)	(6,400,105)	15,823,633
DISTRIBUTION	E36901	20				5,732,380
DISTRIBUTION	E37001	20				2,872,660
	GENERAL PLANT					-
DISTRIBUTION	E39301	20				-
DISTRIBUTION	E39401	20				178,092
DISTRIBUTION	E39501	20				616,270
DISTRIBUTION	E39601	20				1,460,167
DISTRIBUTION	E39801	20				145,030
DISTRIBUTION	E39910	20				-
DISTRIBUTION	E37402	20				-
	TOTAL DISTRIBUTION	20	32,209,399	(22,205,807)	(6,400,105)	165,796,624
STREET LIGHTING	E37301	7				12,990,960
SECURITY LIGHTING	E37401	7				630,822
	STREET LIGHTING	7				13,621,782
AMS	E37002	10				-
AMS	E37003	10				91,317,665

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

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SUMMARY OF GROSS ADDITIONS TO ELECTRIC PLANT
 YEAR TO DATE AS OF DECEMBER 31, 2010
Tax Additions 2010

Source: 2010 Tax Fixed Asset Rollforward

POWER TAX CATEGORY	CLASSIFICATION	Tax Life	BOOK BASIS			TAX BASIS			Bonus Depreciation	Tax Basis After Bonus Reduction
			100%	BONUS QUALIFYING 50%	NQ	100%	BONUS QUALIFYING 50%	NQ		
INTANGIBLE PLANT	INTANGIBLE PLANT									
	E30201	3								
	E30301	3								
	E30302	3	17,977,498	7,352,054	-	2,914,138	73,069	-		
	TOTAL INTANGIBLE PLT		17,977,498	7,352,054	-	2,914,138	73,069	-	2,950,672.31	36,534.69
LAND	EASEMENTS - PROD PLT									
	E31001									
LAND	EASEMENTS - TRANSMISSION									
	E35001									
TRANSMISSION EASEMENTS	E35002	84	-	-	8,160	-	-	8,160		
LAND	E38901									
TRANSMISSION EASEMENTS	E38902	84								
TRANSMISSION EASEMENTS	TOTAL EASEMENTS - GENERAL PLANT		-	-	8,160	-	-	8,160	-	8,160
LAND	EASEMENTS - DISTRIBUTION									
	E36001									
DISTRIBUTION EASEMENTS	E36002	46								
DISTRIBUTION EASEMENTS	TOTAL EASEMENTS - DISTRIBUTION		-	-	-	-	-	-		
TRANSMISSION PROP ELECT	STRUCTURES & IMPROVEMENTS									
	E35201	15								
	E35301	15				5,774,396				
	E35401	15								
	E35501	15								
	E35601	15	5,846,010	49,279,856	572,816	5,774,396	48,676,179	565,799		
	E35701	15								
	E35801	15								
	E35901	15								
	TOTAL TRANSMISSION PROP	15	5,846,010	49,279,856	572,816	5,774,396	48,676,179	565,799	30,112,486.00	24,903,888
DISTRIBUTION	DISTRIBUTION									
	E36101	20								
	E36201	20								
	E36401	20								
	E36501	20								
	E36601	20								
	E36701	20								
	E36801	20	52,037,441	114,000,216	401,110					
	E36901	20								
	E37001	20								
	GENERAL PLANT									
	E39301	20								
	E39401	20	103,317	74,782	-					
	E39501	20	61,987	305,399	250,500					
	E39601	20	530,130	930,038	-					
	E39801	20	5,616	127,304	12,110					
	E39910	20			(5,234)					
	E37402	20			9,686,888					
	TOTAL DISTRIBUTION	20	52,738,491	115,437,739	10,345,373	41,266,968	113,201,270	11,328,388	97,867,602.32	67,929,023
STREET LIGHTING	E37301	7	11,947,051	1,036,671	367					
SECURITY LIGHTING	E37401	7	546,608	82,514	-					
	STREET LIGHTING	7	12,493,659	1,119,186	367	12,501,524	1,119,890	367	13,061,468.81	560,312
AMS	E37002	10								
AMS	E37003	10	86,745,993	4,571,673	-					