

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
IV-J-7 WHOLESALE RATE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE

<u>Item</u>	<u>Ref</u>	<u>Cost</u> <u>(\$/KW)</u>
CNP Annual Transmission Access Fee	III-A TCOS	\$ 5.705672
Monthly WTS Rate		<u>\$ 0.475473</u>

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
IV-J-8 RATE DESIGN ANALYSIS DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE

This schedule is not applicable. CenterPoint does not have tariffs defined for on-peak or off-peak periods.

Rate Class: Voltage Level:		(a)	(b)	(c)	(d)
		OFF PEAK ..		ON PEAK ..	
Line No	Month	KW	KWH	KW	KWH
1	January				
2	February				
3	March				
4	April				
5	May				
6	June				
7	July				
8	August				
9	September				
10	October				
11	November				
12	December				

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-1 AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

		1	2	3	4	5	6	7	8	9	10	11	
Line	Functional Area	FERC Account											
No.		1070	1810	1823	1860	4081	4190	4261	4264	4265	4300	5600	5611
1	Business & Operations Support	193	-	-	-	-	-	-	-	3	-	70	-
2	Communications	-	-	-	-	-	-	-	-	-	-	-	-
3	Community Relations	-	-	-	-	-	-	3,142	-	-	-	-	-
4	Customer Operations	514	-	-	-	-	-	-	-	-	-	-	-
5	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution Support	1,721	-	-	-	-	-	-	-	-	-	3	-
7	Distribution Support - General	-	-	-	-	-	-	-	-	-	-	(4)	-
8	Distribution Support - Surveying	(62)	-	-	-	-	-	-	-	-	-	(305)	-
9	Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-	-
10	Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-	-
11	Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-	-
12	Distribution Support-GIS Programming	-	-	-	-	-	-	-	-	-	-	(39)	-
13	Distribution Support-GIS System Administration	-	-	-	-	-	-	-	-	-	-	(103)	-
14	Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-	-
16	Executive Management	-	-	-	-	-	-	-	-	137	-	-	-
17	Finance	497	836	400	-	-	-	-	-	48	-	-	-
18	Government Affairs	-	-	-	-	-	-	1	4,868	-	-	-	-
19	Human Resources	-	-	-	-	-	-	-	-	2	-	-	-
20	Integration Support	-	-	-	-	-	-	-	-	(886)	-	-	-
21	Legal	412	70	540	-	-	-	-	1	3	-	-	-
22	Meter Reading	-	-	-	-	-	-	-	-	-	-	-	-
23	Pass Through	135	-	-	-	709	(839)	-	-	87	1,191	102	-
24	Properties	-	-	-	-	-	-	-	-	-	-	(1)	-
25	Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-	-
26	Reg Ops - EST	-	-	-	-	-	-	-	-	1	-	-	-
27	Regulated Operations	-	-	-	-	-	-	-	-	9	-	-	-
28	Regulatory	-	-	(80)	-	-	-	-	893	1	-	-	-
29	Technology Operations	42,226	-	-	-	-	-	-	-	1	-	9,765	-
30	Transmission	-	-	-	-	-	-	-	-	-	-	(1)	-
31	Transportation	6	-	-	-	-	-	-	-	-	-	(91)	-
33	TOTAL	45,642	906	860	-	709	(839)	3,143	5,762	(594)	1,191	9,396	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-1 AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line No.	Functional Area	12	13	14	15	16	17	18	19	20	21	22	23
		FERC Account											
		5612	5613	5614	5615	5617	5620	5630	5640	5660	5690	5700	5710
1	Business & Operations Support	-	-	-	-	-	70	70	70	-	-	70	139
2	Communications	-	-	-	-	-	-	-	-	-	-	-	-
3	Community Relations	-	-	-	-	-	-	-	-	-	-	-	-
4	Customer Operations	-	-	-	-	-	-	-	-	-	-	-	-
5	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution Support	-	-	-	-	-	-	-	-	(4)	(2)	(6)	-
7	Distribution Support - General	-	-	-	-	-	-	-	-	-	-	-	-
8	Distribution Support - Surveying	-	-	-	-	-	(305)	(305)	(305)	-	-	(305)	(609)
9	Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-	-
10	Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-	-
11	Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	(12)	-	-	-	-	-
12	Distribution Support-GIS Programming	-	-	-	-	-	(39)	(39)	(39)	-	-	(39)	(78)
13	Distribution Support-GIS System Administration	-	-	-	-	-	(103)	(103)	(103)	-	-	(103)	(206)
14	Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-	-
16	Executive Management	-	-	-	-	-	-	-	-	-	-	-	-
17	Finance	-	-	-	-	-	-	-	-	-	-	-	-
18	Government Affairs	-	-	-	-	-	-	-	-	-	-	-	-
19	Human Resources	-	-	-	-	-	-	-	-	-	-	-	-
20	Integration Support	-	-	-	-	-	-	-	-	-	-	-	-
21	Legal	-	-	-	-	-	-	-	-	-	-	-	-
22	Meter Reading	-	-	-	-	-	-	-	-	-	-	-	-
23	Pass Through	27	(1)	22	3	1	65	73	63	15	4	75	(147)
24	Properties	-	-	-	-	-	(1)	(1)	(1)	-	-	(1)	(3)
25	Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-	-
26	Reg Ops - EST	-	-	-	-	-	-	-	-	-	-	-	-
27	Regulated Operations	-	-	-	-	-	-	-	-	-	-	-	-
28	Regulatory	-	-	-	-	-	-	-	-	-	-	-	-
29	Technology Operations	-	-	-	-	-	-	-	-	-	-	-	-
30	Transmission	-	-	-	-	-	-	-	-	(1)	-	-	(1)
31	Transportation	-	-	-	-	-	(91)	(91)	(91)	-	-	(91)	(181)
33	TOTAL	27	(1)	22	3	1	(404)	(408)	(406)	10	2	(400)	(1,086)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-1 AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line No.	Functional Area	24	25	26	27	28	29	30	31	32	33	34	35
		FERC Account											
		5720	5730	5800	5810	5820	5830	5840	5850	5860	5870	5880	5900
1	Business & Operations Support	70	-	70	-	70	139	139	139	69	69	-	-
2	Communications	-	-	-	-	-	-	-	-	-	-	-	-
3	Community Relations	-	-	-	-	-	-	-	-	-	-	-	-
4	Customer Operations	-	-	-	-	-	-	-	-	-	-	-	-
5	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution Support	-	-	6	-	(2)	1	5,831	1	(100)	-	(131)	12
7	Distribution Support - General	-	-	(12)	-	-	(3)	-	-	(2)	(1)	(1)	(19)
8	Distribution Support - Surveying	(305)	-	(305)	-	(305)	(609)	(609)	(609)	(304)	(304)	-	-
9	Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-	-
10	Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	(5,129)	-
11	Distribution Support-GIS Land Base Data Management	-	-	-	-	-	(228)	-	-	-	-	-	-
12	Distribution Support-GIS Programming	(39)	-	(39)	-	(39)	(78)	(78)	(78)	(39)	(39)	-	-
13	Distribution Support-GIS System Administration	(103)	-	(103)	-	(103)	(206)	(206)	(207)	(103)	(103)	-	-
14	Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution Support-Meter & House Regulators	-	-	-	-	-	-	(10)	-	-	-	-	-
16	Executive Management	-	-	-	-	-	-	-	-	-	-	-	-
17	Finance	-	-	-	-	-	-	-	-	14	-	-	-
18	Government Affairs	-	-	-	-	-	-	-	-	-	-	-	-
19	Human Resources	-	-	-	-	-	-	-	-	-	-	-	-
20	Integration Support	-	-	-	-	-	(10)	-	-	-	-	(9)	-
21	Legal	-	-	-	-	-	-	-	-	-	-	-	-
22	Meter Reading	-	-	-	-	-	-	-	-	-	-	-	-
23	Pass Through	63	2	188	24	71	175	178	129	322	76	342	67
24	Properties	(2)	-	(2)	-	(2)	(3)	(3)	(3)	(1)	(1)	(52)	-
25	Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	(111)	-
26	Reg Ops - EST	-	-	-	-	-	-	-	-	-	-	-	-
27	Regulated Operations	-	-	-	-	-	-	-	-	-	-	-	-
28	Regulatory	-	-	-	-	-	-	-	-	-	-	-	-
29	Technology Operations	-	-	42,503	-	-	-	-	-	-	-	-	-
30	Transmission	-	-	(1)	-	-	-	-	-	-	-	-	-
31	Transportation	(90)	-	(89)	-	(90)	(181)	(188)	(181)	(90)	(91)	-	-
33	TOTAL	(406)	2	42,214	24	(400)	(1,003)	5,052	(809)	(234)	(394)	(5,091)	60

PUBLIC UTILITY COMMISSION OF TEXAS
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V-K-1 AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line No.	Functional Area	36	37	38	39	40	41	42	43	44	45	46	47
		FERC Account											
		5910	5920	5930	5940	5960	5970	5980	9020	9030	9070	9080	9090
1	Business & Operations Support	-	-	69	-	-	69	-	-	-	-	-	-
2	Communications	-	-	-	-	-	-	-	-	-	-	-	-
3	Community Relations	-	-	-	-	-	-	-	-	-	-	-	-
4	Customer Operations	-	-	-	-	-	-	-	-	9,564	-	3	3,674
5	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution Support	(1)	(13)	-	-	-	-	-	121	-	-	13	-
7	Distribution Support - General	-	-	(6)	(1)	-	-	-	-	(1)	-	-	-
8	Distribution Support - Surveying	-	-	(304)	-	-	(304)	-	-	-	-	-	-
9	Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-	-
10	Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-	-
11	Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-	-
12	Distribution Support-GIS Programming	-	-	(39)	-	-	(39)	-	-	-	-	-	-
13	Distribution Support-GIS System Administration	-	-	(103)	-	-	(103)	-	-	-	-	-	-
14	Distribution Support-Joint Trenching	-	-	-	(45)	-	-	-	-	-	-	-	-
15	Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-	-
16	Executive Management	-	-	-	-	-	-	-	-	-	-	-	-
17	Finance	-	-	-	-	-	-	-	-	123	-	-	-
18	Government Affairs	-	-	-	-	-	-	-	-	-	-	-	-
19	Human Resources	-	-	167	-	-	-	-	-	-	-	-	-
20	Integration Support	-	-	(18)	(7)	-	-	-	-	-	-	-	-
21	Legal	-	-	-	-	-	-	-	-	-	-	-	-
22	Meter Reading	-	-	-	-	-	-	-	31	-	-	-	-
23	Pass Through	2	381	(5,018)	295	12	63	1	7	60	9	460	1
24	Properties	-	-	(1)	-	-	(1)	-	-	-	-	-	-
25	Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-	-
26	Reg Ops - EST	-	-	-	-	-	-	-	-	-	-	-	-
27	Regulated Operations	-	-	-	-	-	-	-	-	-	-	-	-
28	Regulatory	-	-	-	-	-	-	-	-	-	-	-	-
29	Technology Operations	-	-	-	-	-	-	-	715	11,724	-	-	-
30	Transmission	-	-	-	-	-	-	-	-	-	-	-	-
31	Transportation	-	-	(90)	-	-	(91)	-	-	1	-	-	-
33	TOTAL	1	368	(5,343)	242	12	(406)	1	874	21,471	9	476	3,675

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 V-K-1 AFFILIATE EXPENSES BY FERC ACCOUNT
 TEST YEAR ENDED 12/31/2018
 DOCKET NUMBER PENDING ASSIGNMENT
 SPONSOR: M. TOWNSEND

(THOUSANDS OF DOLLARS)

Line No.	Functional Area	48	49	50	51	52	53	54	55	56	57	58
		FERC Account										
		9100	9200	9210	9240	9250	9260	9301	9302	9310	9350	Total
1	Business & Operations Support	-	-	989	-	-	-	-	3,817	-	1,338	7,732
2	Communications	-	-	-	-	-	-	-	1,692	-	-	1,692
3	Community Relations	-	-	-	-	-	-	-	3,377	-	-	6,519
4	Customer Operations	-	-	-	-	2,097	-	-	1,147	-	-	16,999
5	Data Circuit Management	-	-	-	-	-	-	-	(551)	-	-	(551)
6	Distribution Support	-	-	-	-	(1,145)	-	-	170	-	-	6,475
7	Distribution Support - General	-	-	-	-	-	-	-	-	-	-	(50)
8	Distribution Support - Surveying	-	-	-	-	-	-	-	-	-	-	(6,154)
9	Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	(424)	-	-	(424)
10	Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	(5,129)
11	Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	(240)
12	Distribution Support-GIS Programming	-	-	-	-	-	-	-	-	-	-	(780)
13	Distribution Support-GIS System Administration	-	-	-	-	-	-	-	-	-	-	(2,061)
14	Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	(45)
15	Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	(10)
16	Executive Management	-	-	-	-	-	-	-	2,912	-	-	3,049
17	Finance	-	-	-	-	-	-	-	29,608	-	-	31,524
18	Government Affairs	-	-	-	-	-	-	-	254	-	-	5,123
19	Human Resources	-	-	-	-	-	-	-	20,873	-	-	21,042
20	Integration Support	-	-	-	-	-	-	-	-	-	-	(930)
21	Legal	-	-	-	-	-	-	-	11,856	-	-	12,882
22	Meter Reading	-	-	-	-	-	-	-	-	-	-	31
23	Pass Through	18	810	29	4	(2)	67,034	19	(1,032)	(55)	41	66,357
24	Properties	-	-	-	-	-	-	-	-	11,007	-	10,928
25	Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	(111)
26	Reg Ops - EST	-	-	-	-	-	-	-	662	-	-	663
27	Regulated Operations	-	-	-	-	-	-	-	5,303	-	-	5,312
28	Regulatory	-	-	-	-	-	-	-	8,265	-	-	9,079
29	Technology Operations	-	-	-	-	-	-	-	29,790	-	-	136,724
30	Transmission	-	-	-	-	-	-	-	-	-	-	(4)
31	Transportation	-	-	-	-	-	-	-	-	-	-	(1,810)
33	TOTAL	18	810	1,018	4	950	67,034	19	117,717	10,952	1,379	323,832

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-2 ADJUSTED AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Line		FERC Account															
No.	Affiliate	1070	1810	1823	1860	4081	4190	4281	4284	4285	4300	5600	5611	5612	5613	5614	5615
1	0002 - CNP Service Company, LLC	45,081	906	860	-	-	(131)	3,143	5,761	289	-	9,888	-	24	(1)	16	3
2	0016 - CNP Resources Corp.	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0056 - CNP Properties, Inc.	(60)	-	-	-	709	-	-	-	-	-	-	-	2	-	6	-
4	0062 - CenterPoint Energy Arkla	(88)	-	-	-	-	-	-	-	-	-	(27)	-	-	-	-	-
5	0072 - CNP Minnesola Gas	92	-	-	-	-	-	-	-	-	-	(41)	-	-	-	-	-
6	0077 - CNP Services, Inc.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0080 - CNP Intrastate Pipeline LLC	1	-	-	-	-	-	-	-	-	-	(4)	-	-	-	-	-
8	0082 - CenterPoint Energy Entex	(291)	-	-	-	-	145	-	-	4	-	(420)	-	1	-	-	-
9	0086 - CNP Mobile Energy Solutions, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	0299 - CenterPoint Energy, Inc.	-	-	-	-	-	-	-	-	(887)	82	4	-	-	-	-	-
11	0354 - CNP Service Co Money Pool Division	-	-	-	-	-	(853)	-	-	-	1,109	-	-	-	-	-	-
12	0413 - CNP Electric Services, LLC	(150)	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	-
13	TOTAL	45,615	906	860	-	709	(839)	3,143	5,761	(594)	1,191	9,399	-	27	(1)	22	3

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-2 ADJUSTED AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

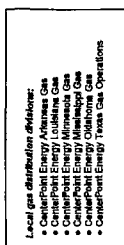
Line No	Affiliate	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		FERC Account														
		5617	5620	5630	5640	5660	5690	5700	5710	5720	5730	5800	5810	5820	5830	5840
1	0002 - CNP Service Company, LLC	1	91	99	89	14	4	101	200	89	2	42,701	20	97	215	228
2	0016 - CNP Resources Corp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0056 - CNP Properties, Inc.	-	-	-	-	(2)	(1)	(1)	-	-	-	-	3	-	(1)	(1)
4	0062 - CenterPoint Energy Arkla	-	(27)	(28)	(26)	-	-	(26)	(54)	(27)	-	(27)	-	(26)	(73)	(57)
5	0072 - CNP Minnesota Gas	-	(41)	(44)	(42)	-	-	(42)	(83)	(41)	-	(41)	-	(42)	(133)	(84)
6	0077 - CNP Services, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0080 - CNP Intrastate Pipeline LLC	-	(3)	(3)	(3)	-	-	(4)	(7)	(4)	-	(3)	-	(4)	(7)	(7)
8	0082 - CenterPoint Energy Entex	-	(423)	(431)	(423)	-	-	(424)	(1,142)	(423)	-	(414)	1	(423)	(1,004)	4,973
9	0086 - CNP Mobile Energy Solutions, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	0299 - CenterPoint Energy, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	0354 - CNP Service Co Money Pool Division	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-
12	0413 - CNP Electric Services, LLC	-	-	-	-	(2)	(1)	(2)	-	-	-	(5)	-	-	-	-
13	TOTAL	1	(403)	(407)	(405)	10	2	(398)	(1,086)	(406)	2	42,239	24	(398)	(1,003)	5,052

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-2 ADJUSTED AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line No.	Affiliate	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
		FERC Account														
		5850	5860	5870	5880	5900	5910	5920	5930	5940	5960	5970	5980	9020	9030	9070
1	0002 - CNP Service Company, LLC	181	257	101	364	47	2	31	437	64	12	89	1	719	21,462	9
2	0016 - CNP Resources Corp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0056 - CNP Properties, Inc.	(1)	(1)	-	(60)	-	(1)	(3)	(1)	-	-	-	-	-	-	-
4	0062 - CenterPoint Energy Arkla	(53)	(27)	(27)	(2,095)	-	-	-	(28)	-	-	(27)	-	-	-	-
5	0072 - CNP Minnesota Gas	(83)	(42)	(41)	(364)	-	-	2	(40)	4	-	(41)	-	-	-	-
6	0077 - CNP Services, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0080 - CNP Intrastate Pipeline LLC	(7)	(5)	(4)	-	-	-	-	(3)	-	-	(4)	-	-	-	-
8	0082 - CenterPoint Energy Entex	(846)	(416)	(423)	(2,865)	14	-	344	(5,708)	174	1	(423)	-	155	8	-
9	0086 - CNP Mobile Energy Solutions, Inc.	-	-	-	(1)	-	-	-	-	-	-	-	-	-	-	-
10	0299 - CenterPoint Energy, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	0354 - CNP Service Co Money Pool Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0413 - CNP Electric Services, LLC	-	-	-	(69)	(1)	(1)	(4)	-	-	-	-	-	-	-	-
13	TOTAL	(809)	(234)	(394)	(5,090)	60	-	370	(6,341)	242	13	(406)	1	874	21,470	9

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-2 ADJUSTED AFFILIATE EXPENSES BY FERC ACCOUNT
TEST YEAR ENDED 12/31/2015
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line No	Affiliate	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
		FERC Account												Per Books Total	Adjustment	Total
		9080	9090	9100	9200	9210	9240	9250	9260	9301	9302	9310	9350			
1	0002 - CNP Service Company, LLC	470	3,875	18	11	1,008	4	2,225	24,095	19	119,358	11,048	1,379	297,878	5,165	303,041
2	0016 - CNP Resources Corp.	-	-	-	-	-	-	-	-	-	-	-	-	9	-	9
3	0056 - CNP Properties, Inc.	1	-	-	-	-	-	-	-	-	(9)	-	-	579	-	579
4	0082 - CenterPoint Energy Arkla	-	-	-	-	-	-	(217)	-	-	(202)	-	-	(3,142)	(1)	(3,143)
5	0072 - CNP Minnesota Gas	-	-	-	-	-	-	(283)	-	-	(33)	-	-	(1,463)	(2)	(1,485)
6	0077 - CNP Services, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	1	(1)	-
7	0080 - CNP Intrastate Pipeline LLC	-	-	-	-	-	-	-	-	-	(7)	-	-	(78)	-	(78)
8	0082 - CenterPoint Energy Entex	18	-	-	-	10	-	(643)	-	-	(1,389)	(95)	-	(12,776)	19	(12,757)
9	0086 - CNP Mobile Energy Solutions, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	(1)	-	(1)
10	0299 - CenterPoint Energy, Inc.	(13)	-	-	799	-	-	(132)	42,939	-	-	-	-	42,820	(33)	42,787
11	0354 - CNP Service Co Money Pool Division	-	-	-	-	-	-	-	-	-	-	-	-	256	-	256
12	0413 - CNP Electric Services, LLC	-	-	-	-	-	-	-	-	-	-	-	-	(236)	5	(231)
13	TOTAL	476	3,875	18	810	1,018	4	950	67,034	19	117,718	10,953	1,379	323,845	5,152	328,997



**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-4 DESCRIPTION OF SERVICES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND**

For a description of types of services provided by other affiliates to the utility, please see the following Exhibits to the testimony of Michelle Townsend:

MMT-2 2018 Corporate Cost Center Manual
MMT-3 2018 Business Operations Support Cost Center Manual
MMT-4 2018 Technology Operations Cost Center Manual
MMT-5 2018 Regulated Operations Management Cost Center Manual
MMT-6 2018 Houston Electric Cost Allocation Manual
MMT-7 2018 CERC Cost Allocation Manual

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-5.1 CAPITAL PROJECTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Line No.	1	2	3	4	5	6	7
	Year	Cost Object	Cost Object Description	Functional Area	Company Code (sender)	Company Name (sender)	Amount
1	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,712.15
2	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 904.04
3	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,486.12
4	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 1,582.07
5	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 1,582.07
6	2010	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 3,616.17
7	2010	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 1,244.54
8	2010	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 1,918.67
9	2010	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 21,572.11
10	2010	11032781	CLSD Legal to New HP Campus	9220	0002	CNP Service Company, LLC	\$ 52,816.06
11	2010	11032781	CLSD Legal to New HP Campus	9230	0002	CNP Service Company, LLC	\$ 240,733.46
12	2010	11033003	FPM- ECDC RTO Control Rm Rehab- 56564247	9220	0002	CNP Service Company, LLC	\$ 76,392.18
13	2010	11033025	CLSD Legal to Leveridge Easement	9220	0002	CNP Service Company, LLC	\$ 4,528.11
14	2010	11033025	CLSD Legal to Leveridge Easement	9230	0002	CNP Service Company, LLC	\$ 66,964.41
15	2010	11033220	CLSD Legal to Soccer Stadium	9210	0002	CNP Service Company, LLC	\$ 47.85
16	2010	11033220	CLSD Legal to Soccer Stadium	9220	0002	CNP Service Company, LLC	\$ 7,029.87
17	2010	11033220	CLSD Legal to Soccer Stadium	9230	0002	CNP Service Company, LLC	\$ 156,224.34
18	2010	S/156200/CP/HEB002	EAI - Elec Ops Support	9230	0002	CNP Service Company, LLC	\$ 264,130.00
19	2010	S/156200/CP/HEB001	EAI License Conversion	1070	0002	CNP Service Company, LLC	\$ 700,000.00
20	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 762,978.95
21	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9220	0002	CNP Service Company, LLC	\$ 446,285.37
22	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9230	0002	CNP Service Company, LLC	\$ 295,937.66
23	2010	S/156200/CP/HED014	Reg Ops Electric Efficiency Projects	1070	0002	CNP Service Company, LLC	\$ 20,812.50
24	2010	S/156200/CP/HED014	Reg Ops Electric Efficiency Projects	9220	0002	CNP Service Company, LLC	\$ -1,659.60
25	2010	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 47,640.00
26	2010	S/156200/CP/HED024	BM - Mandated Revenue Changes	9220	0002	CNP Service Company, LLC	\$ 169,213.63
27	2010	S/156200/CP/HED029	Electric DAS & AMM Bridge - Capital	9220	0002	CNP Service Company, LLC	\$ 24,061.29
28	2010	S/156200/CP/HED035	PR - MDSI Enhancements	1070	0002	CNP Service Company, LLC	\$ 190,957.51
29	2010	S/156200/CP/HED035	PR - MDSI Enhancements	9220	0002	CNP Service Company, LLC	\$ 28,935.65
30	2010	S/156200/CP/HED035	PR - MDSI Enhancements	9230	0002	CNP Service Company, LLC	\$ 1,948.50
31	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	0002	CNP Service Company, LLC	\$ 512.78
32	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	0002	CNP Service Company, LLC	\$ 6,640.00
33	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	9220	0002	CNP Service Company, LLC	\$ 40,395.64
34	2010	S/156200/CP/HED042	Drawing Management System	1070	0002	CNP Service Company, LLC	\$ 26,122.27
35	2010	S/156200/CP/HED042	Drawing Management System	9220	0002	CNP Service Company, LLC	\$ 40,327.17
36	2010	S/156200/CP/HED042	Drawing Management System	9230	0002	CNP Service Company, LLC	\$ 430,628.63
37	2010	S/156200/CP/HED043	PowerDB	1070	0002	CNP Service Company, LLC	\$ 187,053.51
38	2010	S/156200/CP/HED043	PowerDB	9220	0002	CNP Service Company, LLC	\$ 58,528.79
39	2010	S/156200/CP/HED047	Oasis System Enhancements	1070	0002	CNP Service Company, LLC	\$ 218,678.75
40	2010	S/156200/CP/HED047	Oasis System Enhancements	9220	0002	CNP Service Company, LLC	\$ 64,767.97
41	2010	S/156200/CP/HED054	Lighthouse Project	1070	0002	CNP Service Company, LLC	\$ 378.58
42	2010	S/156200/CP/HED062	LD Pro Update	1070	0002	CNP Service Company, LLC	\$ 121,382.60
43	2010	S/156200/CP/HED062	LD Pro Update	9220	0002	CNP Service Company, LLC	\$ 2,074.24
44	2010	S/156200/CP/HED062	LD Pro Update	9230	0002	CNP Service Company, LLC	\$ 82,839.51
45	2010	S/156200/CP/HED066	AMS Holding - Capital	1070	0002	CNP Service Company, LLC	\$ 8,000.00
46	2010	S/156200/CP/HED071	AMS - Pulse Overflow	1070	0002	CNP Service Company, LLC	\$ 27,315.00
47	2010	S/156200/CP/HED071	AMS - Pulse Overflow	9220	0002	CNP Service Company, LLC	\$ 10,163.72

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-5.1 CAPITAL PROJECTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

	1	2	3	4	5	6	7
Line No	Year	Cost Object	Cost Object Description	Functional Area	Company Code (sender)	Company Name (sender)	Amount
48	2010	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,128,413.69
49	2010	S/156200/CP/HED072	IOSS (AMS)	9220	0002	CNP Service Company, LLC	\$ 589,475.32
50	2010	S/156200/CP/HED072	IOSS (AMS)	9230	0002	CNP Service Company, LLC	\$ 505,876.34
51	2010	S/156200/CP/HED073	SD SOA (AMS)	1070	0002	CNP Service Company, LLC	\$ 14,345.94
52	2010	S/156200/CP/HED073	SD SOA (AMS)	9220	0002	CNP Service Company, LLC	\$ 44,084.90
53	2010	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 845,606.06
54	2010	S/156200/CP/HED074	SD EAI (AMS)	9220	0002	CNP Service Company, LLC	\$ 681,949.43
55	2010	S/156200/CP/HED074	SD EAI (AMS)	9230	0002	CNP Service Company, LLC	\$ 47,460.00
56	2010	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 236,920.00
57	2010	S/156200/CP/HED075	SD CIS (AMS)	9220	0002	CNP Service Company, LLC	\$ 362,629.16
58	2010	S/156200/CP/HED076	HAN/System mods	9220	0002	CNP Service Company, LLC	\$ 829.68
59	2010	S/156200/CP/HED077	Communications Network Services - ECDC	1070	0002	CNP Service Company, LLC	\$ 9,869.13
60	2010	S/156200/CP/HED077	Communications Network Services - ECDC	9230	0002	CNP Service Company, LLC	\$ 4,546.50
61	2010	S/156200/CP/HED078	AMS Analytics	9220	0002	CNP Service Company, LLC	\$ 94,980.26
62	2010	S/156200/CP/HED079	AMS Operations - NOC	1070	0002	CNP Service Company, LLC	\$ 749,621.37
63	2010	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	0002	CNP Service Company, LLC	\$ 208,381.50
64	2010	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	9220	0002	CNP Service Company, LLC	\$ 96,201.44
65	2010	S/156200/CP/HED081	Environmental Tracking - Cap	1070	0002	CNP Service Company, LLC	\$ 7,929.64
66	2010	S/156200/CP/HED082	Replatform Engineering Reports	1070	0002	CNP Service Company, LLC	\$ 31,552.00
67	2010	S/156200/CP/HED082	Replatform Engineering Reports	9220	0002	CNP Service Company, LLC	\$ 6,585.65
68	2010	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 100,120.00
69	2010	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9220	0002	CNP Service Company, LLC	\$ 70,225.02
70	2010	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 8,753.62
71	2010	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 47,460.00
72	2010	S/156200/CP/HED100	AMS Firewall Upgrade	1070	0002	CNP Service Company, LLC	\$ 4,040.00
73	2011	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 2,175.60
74	2011	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 466.20
75	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 788.53
76	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 7,209.35
77	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 8,110.52
78	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,140.28
79	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 63,870.38
80	2011	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 48,888.43
81	2011	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 317.40
82	2011	11032781	CLSD Legal to New HP Campus	9220	0002	CNP Service Company, LLC	\$ 4,686.35
83	2011	11032781	CLSD Legal to New HP Campus	9230	0002	CNP Service Company, LLC	\$ 527.28
84	2011	11033003	FPM- ECDC RTO Control Rm Rehab- 56564247	9220	0002	CNP Service Company, LLC	\$ 4,505.84
85	2011	11033003	FPM- ECDC RTO Control Rm Rehab- 56564247	9220	0002	CNP Service Company, LLC	\$ 6,082.89
86	2011	11033025	CLSD Legal to Leveridge Easement	9220	0002	CNP Service Company, LLC	\$ 5,228.98
87	2011	11033025	CLSD Legal to Leveridge Easement	9230	0002	CNP Service Company, LLC	\$ 26,264.98
88	2011	11033103	CLSD Legal to Springwoods Project	9210	0002	CNP Service Company, LLC	\$ 3,034.49
89	2011	11033103	CLSD Legal to Springwoods Project	9220	0002	CNP Service Company, LLC	\$ 45,926.24
90	2011	11033103	CLSD Legal to Springwoods Project	9230	0002	CNP Service Company, LLC	\$ 101,449.64
91	2011	11033220	CLSD Legal to Soccer Stadium	9230	0002	CNP Service Company, LLC	\$ 942.23
92	2011	11033601	CLSD Legal to Willow PVI	9220	0002	CNP Service Company, LLC	\$ 1,023.60
93	2011	11033601	CLSD Legal to Willow PVI	9230	0002	CNP Service Company, LLC	\$ 5,890.00
94	2011	11033766	CLSD Legal to Entex Metro Project - CAP	9220	0002	CNP Service Company, LLC	\$ 4,489.03
95	2011	11033766	CLSD Legal to Entex Metro Project - CAP	9230	0002	CNP Service Company, LLC	\$ 36,086.11

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-5.1 CAPITAL PROJECTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

1	2	3	4	5	6	7	
Line No	Year	Cost Object	Cost Object Description	Functional Area	Company Code (sender)	Company Name (sender)	Amount
96	2011	11033768	CLSD Legal to Metro AFUDC	9220	0002	CNP Service Company, LLC	\$ 1,973.20
97	2011	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	9220	0002	CNP Service Company, LLC	\$ 283.65
98	2011	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	9230	0002	CNP Service Company, LLC	\$ 8,326.65
99	2011	11033881	CLSD Legal to CEHE Damaged Barge - Def	9230	0002	CNP Service Company, LLC	\$ 88,288.99
100	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	0002	CNP Service Company, LLC	\$ 362.98
101	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9220	0002	CNP Service Company, LLC	\$ 8,435.59
102	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9230	0002	CNP Service Company, LLC	\$ 74,478.92
103	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 797,940.25
104	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9220	0002	CNP Service Company, LLC	\$ 29,975.29
105	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9230	0002	CNP Service Company, LLC	\$ 175,407.22
106	2011	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	0002	CNP Service Company, LLC	\$ 396,470.64
107	2011	S/156200/CP/HEBM002	TXSet 4.0 - General	9220	0002	CNP Service Company, LLC	\$ 535,276.21
108	2011	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 569,274.85
109	2011	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9220	0002	CNP Service Company, LLC	\$ 413,837.21
110	2011	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 31,790.00
111	2011	S/156200/CP/HED024	BM - Mandated Revenue Changes	9220	0002	CNP Service Company, LLC	\$ 269,749.25
112	2011	S/156200/CP/HED035	PR - MDSI Enhancements	1070	0002	CNP Service Company, LLC	\$ 70,291.27
113	2011	S/156200/CP/HED035	PR - MDSI Enhancements	9220	0002	CNP Service Company, LLC	\$ 11,267.73
114	2011	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	0002	CNP Service Company, LLC	\$ 1,080.00
115	2011	S/156200/CP/HED041	SAP Time Keeping/Duet	9220	0002	CNP Service Company, LLC	-\$ 1,596.86
116	2011	S/156200/CP/HED042	Drawing Management System	1070	0002	CNP Service Company, LLC	\$ 3,066.32
117	2011	S/156200/CP/HED042	Drawing Management System	9220	0002	CNP Service Company, LLC	\$ 4,805.65
118	2011	S/156200/CP/HED042	Drawing Management System	9230	0002	CNP Service Company, LLC	\$ 99,276.80
119	2011	S/156200/CP/HED043	PowerDB	1070	0002	CNP Service Company, LLC	\$ 7,200.44
120	2011	S/156200/CP/HED043	PowerDB	9220	0002	CNP Service Company, LLC	-\$ 2,336.67
121	2011	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	0002	CNP Service Company, LLC	\$ 53,200.00
122	2011	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	9220	0002	CNP Service Company, LLC	\$ 18,938.23
123	2011	S/156200/CP/HED047	Oasis System Enhancements	1070	0002	CNP Service Company, LLC	\$ 127,479.50
124	2011	S/156200/CP/HED047	Oasis System Enhancements	9220	0002	CNP Service Company, LLC	\$ 22,430.54
125	2011	S/156200/CP/HED050	Archive Distribution Work Orders	9220	0002	CNP Service Company, LLC	\$ 17,986.29
126	2011	S/156200/CP/HED054	Lighthouse Project	1070	0002	CNP Service Company, LLC	\$ 800.42
127	2011	S/156200/CP/HED062	LD Pro Update	1070	0002	CNP Service Company, LLC	\$ 351,893.23
128	2011	S/156200/CP/HED062	LD Pro Update	9220	0002	CNP Service Company, LLC	\$ 36,857.01
129	2011	S/156200/CP/HED062	LD Pro Update	9230	0002	CNP Service Company, LLC	-\$ 16,289.01
130	2011	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 4,446,070.03
131	2011	S/156200/CP/HED072	IOSS (AMS)	9220	0002	CNP Service Company, LLC	\$ 197,736.16
132	2011	S/156200/CP/HED072	IOSS (AMS)	9230	0002	CNP Service Company, LLC	\$ 33,905.73
133	2011	S/156200/CP/HED073	SD SOA (AMS)	1070	0002	CNP Service Company, LLC	\$ 3,655.00
134	2011	S/156200/CP/HED073	SD SOA (AMS)	9220	0002	CNP Service Company, LLC	\$ 26,503.04
135	2011	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 546,364.44
136	2011	S/156200/CP/HED074	SD EAI (AMS)	9220	0002	CNP Service Company, LLC	\$ 540,468.94
137	2011	S/156200/CP/HED074	SD EAI (AMS)	9320	0002	CNP Service Company, LLC	\$ 1,301.96
138	2011	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 112,150.00
139	2011	S/156200/CP/HED075	SD CIS (AMS)	9220	0002	CNP Service Company, LLC	\$ 232,889.38
140	2011	S/156200/CP/HED078	AMS Analytics	1070	0002	CNP Service Company, LLC	\$ 276,887.11
141	2011	S/156200/CP/HED078	AMS Analytics	9220	0002	CNP Service Company, LLC	\$ 157,301.29
142	2011	S/156200/CP/HED078	AMS Analytics	9230	0002	CNP Service Company, LLC	\$ 29,428.75
143	2011	S/156200/CP/HED079	AMS Operations - NOC	1070	0002	CNP Service Company, LLC	\$ 208,360.00

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144	2011	S/156200/CP/HED079	AMS Operations - NOC	9220	0002	CNP Service Company, LLC	\$ 57,661.67
145	2011	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	0002	CNP Service Company, LLC	\$ 334,103.00
146	2011	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	9220	0002	CNP Service Company, LLC	\$ 22,777.85
147	2011	S/156200/CP/HED082	Replatform Engineering Reports	1070	0002	CNP Service Company, LLC	\$ 324,325.20
148	2011	S/156200/CP/HED082	Replatform Engineering Reports	9220	0002	CNP Service Company, LLC	\$ 62,792.42
149	2011	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 325,008.84
150	2011	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9220	0002	CNP Service Company, LLC	\$ 17,351.20
151	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 175,735.61
152	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 214,902.95
153	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 894,687.06
154	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 175,735.61
155	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 214,902.95
156	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 894,687.06
157	2011	S/156200/CP/HED092	Crew Call Out System	1070	0002	CNP Service Company, LLC	\$ 1,606.49
158	2011	S/156200/CP/HED092	Crew Call Out System	9220	0002	CNP Service Company, LLC	\$ 27,455.17
159	2011	S/156200/CP/HED098	Outage Notification	1070	0002	CNP Service Company, LLC	\$ 13,235.00
160	2011	S/156200/CP/HED098	Outage Notification	9220	0002	CNP Service Company, LLC	\$ 12,167.07
161	2011	S/156200/CP/HED100	AMS Firewall Upgrade	1070	0002	CNP Service Company, LLC	\$ 11,268.83
162	2011	S/156200/CP/HED100	AMS Firewall Upgrade	9220	0002	CNP Service Company, LLC	\$ 316.50
163	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 145,496.88
164	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 47,257.16
165	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9230	0002	CNP Service Company, LLC	\$ 240,836.00
166	2011	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 155,728.15
167	2011	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 3,068.22
168	2011	S/156200/CP/HED106	AMS - TxSet 4.0	1070	0002	CNP Service Company, LLC	\$ 171,906.47
169	2011	S/156200/CP/HED106	AMS - TxSet 4.0	9220	0002	CNP Service Company, LLC	\$ 204,160.08
170	2011	S/156200/CP/HED108	BI Fleet Reporting	1070	0002	CNP Service Company, LLC	\$ 65,572.50
171	2011	S/156200/CP/HED108	BI Fleet Reporting	9220	0002	CNP Service Company, LLC	\$ 15,761.05
172	2011	S/156200/CP/HED110	BI Contractor Alliance Reporting	1070	0002	CNP Service Company, LLC	\$ 43,715.00
173	2011	S/156200/CP/HED110	BI Contractor Alliance Reporting	9220	0002	CNP Service Company, LLC	\$ 51,264.05
174	2012	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 645.97
175	2012	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 12,152.29
176	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 11,901.01
177	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 6,942.25
178	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 1,983.50
179	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 7,934.00
180	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 3,967.00
181	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 4,958.75
182	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 991.75
183	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,479.39
184	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 18,099.47
185	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 6,446.40
186	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 111,571.90
187	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 3,967.00
188	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 991.75
189	2012	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 5,950.50
190	2012	11033025	CLSD Legal to Leverage Easement	9220	0002	CNP Service Company, LLC	\$ 236.01
191	2012	11033025	CLSD Legal to Leverage Easement	9230	0002	CNP Service Company, LLC	\$ 348.95

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192	2012	11033103	CLSD Legal to Springwoods Project	9210	0002	CNP Service Company, LLC	\$ 194.00
193	2012	11033103	CLSD Legal to Springwoods Project	9220	0002	CNP Service Company, LLC	\$ 31,235.54
194	2012	11033103	CLSD Legal to Springwoods Project	9230	0002	CNP Service Company, LLC	\$ 34,098.61
195	2012	11033766	CLSD Legal to Entex Metro Project - CAP	9220	0002	CNP Service Company, LLC	\$ 1,864.45
196	2012	11033766	CLSD Legal to Entex Metro Project - CAP	9230	0002	CNP Service Company, LLC	\$ 13,423.60
197	2012	11033768	CLSD Legal to Metro AFUDC	9220	0002	CNP Service Company, LLC	\$ 542.82
198	2012	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	9220	0002	CNP Service Company, LLC	\$ 70.80
199	2012	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	9230	0002	CNP Service Company, LLC	\$ 8,280.29
200	2012	11033881	CLSD Legal to CEHE Damaged Barge - Def	9220	0002	CNP Service Company, LLC	\$ 13,334.40
201	2012	11033881	CLSD Legal to CEHE Damaged Barge - Def	9230	0002	CNP Service Company, LLC	\$ 770,150.25
202	2012	11033960	CLSD Legal to Lawndale Acquisition - CAP	9220	0002	CNP Service Company, LLC	\$ 3,115.29
203	2012	11033960	CLSD Legal to Lawndale Acquisition - CAP	9230	0002	CNP Service Company, LLC	\$ 24,638.95
204	2012	11034334	CLSDLegal to Oyster Creek CCN-CAP	9210	0002	CNP Service Company, LLC	\$ 560.62
205	2012	11034334	CLSDLegal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 4,248.13
206	2012	11034463	CLSD Legal to Silvercrest Project - CAP	9210	0002	CNP Service Company, LLC	\$ 1,868.80
207	2012	11034463	CLSD Legal to Silvercrest Project - CAP	9220	0002	CNP Service Company, LLC	\$ 472.01
208	2012	11034463	Legal to Grand Parkway - CAP	9210	0002	CNP Service Company, LLC	\$ 520.62
209	2012	11034463	Legal to Grand Parkway - CAP	9220	0002	CNP Service Company, LLC	\$ 3,103.50
210	2012	11034463	Legal to Grand Parkway - CAP	9230	0002	CNP Service Company, LLC	\$ 18,903.23
211	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 1,555,204.43
212	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9220	0002	CNP Service Company, LLC	\$ 159,622.31
213	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9230	0002	CNP Service Company, LLC	\$ 382,798.97
214	2012	S/156200/CP/ENTD058	CVP/CRM MASTER	1070	0002	CNP Service Company, LLC	\$ 503.25
215	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	0002	CNP Service Company, LLC	\$ 881,075.73
216	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	9220	0002	CNP Service Company, LLC	\$ 32,263.40
217	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	9230	0002	CNP Service Company, LLC	\$ 8,631.34
218	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	9320	0002	CNP Service Company, LLC	\$ 811.19
219	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	0002	CNP Service Company, LLC	\$ 348,824.91
220	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	9220	0002	CNP Service Company, LLC	\$ 87,589.31
221	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	9230	0002	CNP Service Company, LLC	\$ 530,565.40
222	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	0002	CNP Service Company, LLC	\$ 158,784.70
223	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	9220	0002	CNP Service Company, LLC	\$ 96,639.00
224	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	9230	0002	CNP Service Company, LLC	\$ 8,676.66
225	2012	S/156200/CP/ENTD066	CHaRT Design	1070	0002	CNP Service Company, LLC	\$ 20,271.80
226	2012	S/156200/CP/ENTD066	CHaRT Design	9220	0002	CNP Service Company, LLC	\$ 697.14
227	2012	S/156200/CP/ENTD070	Executive Portfolio Dashboard	1070	0002	CNP Service Company, LLC	\$ 19,657.81
228	2012	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	0002	CNP Service Company, LLC	\$ 211,445.00
229	2012	S/156200/CP/HEB002	EAI - Elec Ops Support	9220	0002	CNP Service Company, LLC	\$ 211.96
230	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	0002	CNP Service Company, LLC	\$ 329,534.42
231	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	9220	0002	CNP Service Company, LLC	\$ 625,730.96
232	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	9230	0002	CNP Service Company, LLC	\$ 16,338.83
233	2012	S/156200/CP/HEBM004	AMS Business Resilience	1070	0002	CNP Service Company, LLC	\$ 5,646,571.47
234	2012	S/156200/CP/HEBM004	AMS Business Resilience	9230	0002	CNP Service Company, LLC	\$ 24,000.00
235	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	0002	CNP Service Company, LLC	\$ 390,469.33
236	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9220	0002	CNP Service Company, LLC	\$ 151,004.24
237	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9230	0002	CNP Service Company, LLC	\$ 261,618.96
238	2012	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 429,200.14
239	2012	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9220	0002	CNP Service Company, LLC	\$ 347,487.46

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Lane No.	Year	Cost Object	Cost Object Description	Functional Area	Company Code (sender)	Company Name (sender)	Amount
240	2012	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 36,030.00
241	2012	S/156200/CP/HED024	BM - Mandated Revenue Changes	9220	0002	CNP Service Company, LLC	\$ 122,882.23
242	2012	S/156200/CP/HED041	SAP Time Keeping/Duet	9220	0002	CNP Service Company, LLC	\$ 414.85
243	2012	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	0002	CNP Service Company, LLC	\$ 86,470.00
244	2012	S/156200/CP/HED062	LD Pro Update	1070	0002	CNP Service Company, LLC	\$ 171,178.39
245	2012	S/156200/CP/HED062	LD Pro Update	9220	0002	CNP Service Company, LLC	\$ 72,988.45
246	2012	S/156200/CP/HED062	LD Pro Update	9230	0002	CNP Service Company, LLC	\$ 53,169.81
247	2012	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,029,595.46
248	2012	S/156200/CP/HED072	IOSS (AMS)	9220	0002	CNP Service Company, LLC	\$ 46,406.32
249	2012	S/156200/CP/HED073	SD SOA (AMS)	9220	0002	CNP Service Company, LLC	\$ 265,294.02
250	2012	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 831,091.99
251	2012	S/156200/CP/HED074	SD EAI (AMS)	9220	0002	CNP Service Company, LLC	\$ 249,217.87
252	2012	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 56,160.00
253	2012	S/156200/CP/HED075	SD CIS (AMS)	9220	0002	CNP Service Company, LLC	\$ 69,312.40
254	2012	S/156200/CP/HED078	AMS Analytics	1070	0002	CNP Service Company, LLC	\$ 1,273,738.60
255	2012	S/156200/CP/HED078	AMS Analytics	9220	0002	CNP Service Company, LLC	\$ 211,979.01
256	2012	S/156200/CP/HED078	AMS Analytics	9230	0002	CNP Service Company, LLC	\$ 73,239.30
257	2012	S/156200/CP/HED079	AMS Operations - NOC	1070	0002	CNP Service Company, LLC	\$ 600.00
258	2012	S/156200/CP/HED079	AMS Operations - NOC	9220	0002	CNP Service Company, LLC	\$ 18,308.35
259	2012	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	0002	CNP Service Company, LLC	\$ 128,235.25
260	2012	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	9220	0002	CNP Service Company, LLC	\$ 4,786.12
261	2012	S/156200/CP/HED082	Replatform Engineering Reports	1070	0002	CNP Service Company, LLC	\$ 165,963.92
262	2012	S/156200/CP/HED082	Replatform Engineering Reports	9220	0002	CNP Service Company, LLC	\$ 78,769.23
263	2012	S/156200/CP/HED082	Replatform Engineering Reports	9230	0002	CNP Service Company, LLC	\$ 1,890.00
264	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 3,829.69
265	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9220	0002	CNP Service Company, LLC	\$ 5,536.12
266	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9230	0002	CNP Service Company, LLC	\$ 812.50
267	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 630,128.86
268	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 466,302.92
269	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 1,418,171.92
270	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 630,128.84
271	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 466,302.98
272	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 1,418,171.87
273	2012	S/156200/CP/HED092	Crew Call Out System	9220	0002	CNP Service Company, LLC	\$ 2,825.54
274	2012	S/156200/CP/HED092	Crew Call Out System	9220	0002	CNP Service Company, LLC	\$ 2,508.39
275	2012	S/156200/CP/HED095	Asset Management for CEHE	1070	0002	CNP Service Company, LLC	\$ 2,050.00
276	2012	S/156200/CP/HED098	Outage Notification	1070	0002	CNP Service Company, LLC	\$ 179,714.91
277	2012	S/156200/CP/HED098	Outage Notification	9220	0002	CNP Service Company, LLC	\$ 164,737.62
278	2012	S/156200/CP/HED100	AMS Firewall Upgrade	1070	0002	CNP Service Company, LLC	\$ 444.00
279	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 668,051.57
280	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 121,851.26
281	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9230	0002	CNP Service Company, LLC	\$ 382,985.78
282	2012	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 959,374.24
283	2012	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 8,245.96
284	2012	S/156200/CP/HED106	AMS - TxSet 4.0	1070	0002	CNP Service Company, LLC	\$ 110,673.50
285	2012	S/156200/CP/HED106	AMS - TxSet 4.0	9220	0002	CNP Service Company, LLC	\$ 117,664.46
286	2012	S/156200/CP/HED108	BI Fleet Reporting	1070	0002	CNP Service Company, LLC	\$ 67.50
287	2012	S/156200/CP/HED111	File Server Storage Engineering	1070	0002	CNP Service Company, LLC	\$ 30,720.00

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288	2012	S/156200/CP/HED116	Business Transformation Initiatives	1070	0002	CNP Service Company, LLC	\$ 1,115.67
289	2012	S/156200/CP/HED116	Business Transformation Initiatives	9220	0002	CNP Service Company, LLC	\$ 22,065.42
290	2012	S/156200/CP/HED116	Business Transformation Initiatives	9230	0002	CNP Service Company, LLC	\$ 229,801.48
291	2012	S/156200/CP/HED118	IDR Meter Reading	1070	0002	CNP Service Company, LLC	\$ 17,087.24
292	2012	S/156200/CP/HED120	Database (AMS)	1070	0002	CNP Service Company, LLC	\$ 40,436.37
293	2012	S/156200/CP/HED120	Database (AMS)	9220	0002	CNP Service Company, LLC	\$ 71,204.88
294	2012	S/156200/CP/HED120	Database (AMS)	9230	0002	CNP Service Company, LLC	\$ 15,505.31
295	2012	S/156200/CP/HED120	Database (AMS)	9220	0002	CNP Service Company, LLC	\$ 30,394.10
296	2012	S/156200/CP/HED123	Checkbox Survey System	1070	0002	CNP Service Company, LLC	\$ 5,515.14
297	2012	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	1070	0002	CNP Service Company, LLC	\$ 204,444.39
298	2012	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	9230	0002	CNP Service Company, LLC	\$ 77,012.57
299	2012	S/156200/CP/HED125	ADMS (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,196,355.84
300	2012	S/156200/CP/HED125	ADMS (AMS)	9220	0002	CNP Service Company, LLC	\$ 151,137.29
301	2012	S/156200/CP/HED128	Investment Prioritization Tool	1070	0002	CNP Service Company, LLC	\$ 202.50
302	2012	S/156200/CP/RR1004	AMIN Reliant Cap. - System Functionality	9220	0002	CNP Service Company, LLC	\$ 445.52
303	2013	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 15,497.99
304	2013	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 645.02
305	2013	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 2,821.95
306	2013	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,773.80
307	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 13,592.10
308	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 13,376.74
309	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 12,482.08
310	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 4,302.06
311	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 13,159.15
312	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 10,424.36
313	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 35,548.70
314	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 14,491.18
315	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 19,698.97
316	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 31,246.64
317	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 4,981.35
318	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,037.82
319	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 905.70
320	2013	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 200,612.55
321	2013	156160	SEC SECURITY DIR	9220	0002	CNP Service Company, LLC	\$ 10,772.06
322	2013	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 959.32
323	2013	159057	Fleet Support	9220	0002	CNP Service Company, LLC	\$ 36.72
324	2013	159057	Fleet Support	9220	0002	CNP Service Company, LLC	\$ 36.72
325	2013	11033103	CLSD Legal to Springwoods Project	9220	0002	CNP Service Company, LLC	\$ 6,182.81
326	2013	11033103	CLSD Legal to Springwoods Project	9230	0002	CNP Service Company, LLC	\$ 32,167.57
327	2013	11033766	CLSD Legal to Entex Metro Project - CAP	9230	0002	CNP Service Company, LLC	\$ 1,831.20
328	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	9210	0002	CNP Service Company, LLC	\$ 21.75
329	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	9220	0002	CNP Service Company, LLC	\$ 9,836.29
330	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	9230	0002	CNP Service Company, LLC	\$ 595,818.22
331	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	9210	0002	CNP Service Company, LLC	\$ 753.79
332	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 32,498.06
333	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	9230	0002	CNP Service Company, LLC	\$ 36,687.93
334	2013	11034663	Legal to Grand Parkway - CAP	9220	0002	CNP Service Company, LLC	\$ 8,405.56
335	2013	11034663	Legal to Grand Parkway - CAP	9230	0002	CNP Service Company, LLC	\$ 40,840.40

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336	2013	11035063	CLSD Legal to RT10_300%_12_WRI1_BuildApp	9230	0002	CNP Service Company, LLC	\$ 2,163.84
337	2013	11035101	CLSD Legal to Fry Road Substation - CAP	9230	0002	CNP Service Company, LLC	\$ 8,595.87
338	2013	11035167	CLSD Legal to Brazos Vally Connection-CAP	9210	0002	CNP Service Company, LLC	\$ 1,943.55
339	2013	11035167	CLSD Legal to Brazos Vally Connection-CAP	9220	0002	CNP Service Company, LLC	\$ 34,235.39
340	2013	13083222	2013 SAP Fixed Asset Enhancement	1070	0002	CNP Service Company, LLC	\$ 0.01
341	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	0002	CNP Service Company, LLC	\$ 637,620.53
342	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9220	0002	CNP Service Company, LLC	\$ 27,976.39
343	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9230	0002	CNP Service Company, LLC	\$ 510,452.66
344	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9320	0002	CNP Service Company, LLC	\$ 1,450.64
345	2013	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	9220	0002	CNP Service Company, LLC	\$ 76,732.45
346	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 716,561.83
347	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9220	0002	CNP Service Company, LLC	\$ 446,870.44
348	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9230	0002	CNP Service Company, LLC	\$ 161,369.50
349	2013	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	9220	0002	CNP Service Company, LLC	\$ 66,588.62
350	2013	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	9220	0002	CNP Service Company, LLC	\$ 34,168.60
351	2013	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	1070	0002	CNP Service Company, LLC	\$ 52,668.53
352	2013	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	9230	0002	CNP Service Company, LLC	\$ 16,257.78
353	2013	S/156200/CP/ENTD044-GS-B	Mobile Data Ventyx R9 Upgrade - GIS- Bus	9220	0002	CNP Service Company, LLC	\$ 24,660.66
354	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	0002	CNP Service Company, LLC	\$ 68,217.06
355	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	9220	0002	CNP Service Company, LLC	\$ 68,442.53
356	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	9230	0002	CNP Service Company, LLC	\$ 592,385.91
357	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	1070	0002	CNP Service Company, LLC	\$ 743.02
358	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	9220	0002	CNP Service Company, LLC	\$ 37,786.34
359	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	9230	0002	CNP Service Company, LLC	\$ 19,889.20
360	2013	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	1070	0002	CNP Service Company, LLC	\$ 438.00
361	2013	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	9220	0002	CNP Service Company, LLC	\$ 40,058.16
362	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	0002	CNP Service Company, LLC	\$ 712,372.18
363	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	9220	0002	CNP Service Company, LLC	\$ 359.72
364	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	9230	0002	CNP Service Company, LLC	\$ 36,496.26
365	2013	S/156200/CP/ENTD058-CH-B	CVP/CRM CHaRT- Business	9220	0002	CNP Service Company, LLC	\$ 16,719.89
366	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbridge-IT	1070	0002	CNP Service Company, LLC	\$ 17,710.86
367	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbridge-IT	9220	0002	CNP Service Company, LLC	\$ 9,680.26
368	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbridge-IT	9230	0002	CNP Service Company, LLC	\$ 1,167.41
369	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	1070	0002	CNP Service Company, LLC	\$ 0.03
370	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	9220	0002	CNP Service Company, LLC	\$ 18,416.02
371	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	9230	0002	CNP Service Company, LLC	\$ 0.01
372	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	0002	CNP Service Company, LLC	\$ 26,142.86
373	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	9220	0002	CNP Service Company, LLC	\$ 119.89
374	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	9230	0002	CNP Service Company, LLC	\$ 8,475.00
375	2013	S/156200/CP/ENTD058-DC-E	CVP/CRM Data Cleansing/Conversion- Elec	9220	0002	CNP Service Company, LLC	\$ 49,887.14
376	2013	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	0002	CNP Service Company, LLC	\$ 8,227.57
377	2013	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	9220	0002	CNP Service Company, LLC	\$ 10,144.88
378	2013	S/156200/CP/ENTD058-MX	CVP/CRM SAP MaxAttention- IT	1070	0002	CNP Service Company, LLC	\$ 59,119.67
379	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	0002	CNP Service Company, LLC	\$ 637,179.75
380	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	9220	0002	CNP Service Company, LLC	\$ 279,425.87
381	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	9230	0002	CNP Service Company, LLC	\$ 904,764.50
382	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	0002	CNP Service Company, LLC	\$ 43.51
383	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	9220	0002	CNP Service Company, LLC	\$ 130,765.09

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384	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	9230	0002	CNP Service Company, LLC	\$ 15,903.37
385	2013	S/156200/CP/ENTD058-RE-E	CVP/CRM Realization- Electric	9220	0002	CNP Service Company, LLC	\$ 50,702.19
386	2013	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	0002	CNP Service Company, LLC	\$ 189.48
387	2013	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	0002	CNP Service Company, LLC	-\$ 63,832.77
388	2013	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	9220	0002	CNP Service Company, LLC	\$ 82.04
389	2013	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	0002	CNP Service Company, LLC	\$ 656.63
390	2013	S/156200/CP/ENTD066	CHaRT Design	1070	0002	CNP Service Company, LLC	\$ 76.13
391	2013	S/156200/CP/ENTD079	Fuel Force Controllers Project	9220	0002	CNP Service Company, LLC	\$ 1,223.32
392	2013	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	0002	CNP Service Company, LLC	\$ 121,674.34
393	2013	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	9220	0002	CNP Service Company, LLC	\$ 29,252.67
394	2013	S/156200/CP/ENTD083-B	CVP/CRM PMO Program Admin - Business	9220	0002	CNP Service Company, LLC	\$ 8,466.98
395	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	0002	CNP Service Company, LLC	\$ 449,374.08
396	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	9220	0002	CNP Service Company, LLC	\$ 216,823.27
397	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	9230	0002	CNP Service Company, LLC	\$ 1,840,753.79
398	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	0002	CNP Service Company, LLC	\$ 6,555.22
399	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	9220	0002	CNP Service Company, LLC	\$ 160,962.92
400	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	9230	0002	CNP Service Company, LLC	\$ 9,174.45
401	2013	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	0002	CNP Service Company, LLC	\$ 3,000.53
402	2013	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	9220	0002	CNP Service Company, LLC	\$ 1,004.30
403	2013	S/156200/CP/ENTD095	CI-CRM & Web Integration	9220	0002	CNP Service Company, LLC	\$ 0.01
404	2013	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	9220	0002	CNP Service Company, LLC	\$ 3,674.78
405	2013	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	9230	0002	CNP Service Company, LLC	\$ 142,627.85
406	2013	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	0002	CNP Service Company, LLC	\$ 39,156.05
407	2013	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	9220	0002	CNP Service Company, LLC	\$ 3,785.39
408	2013	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	0002	CNP Service Company, LLC	\$ 556,845.88
409	2013	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	9220	0002	CNP Service Company, LLC	\$ 160,296.45
410	2013	S/156200/CP/FIND017-AL-B	SAP Fixed Assets Fresh Start- Business	9220	0002	CNP Service Company, LLC	\$ 91,865.81
411	2013	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	0002	CNP Service Company, LLC	\$ 111,993.00
412	2013	S/156200/CP/HEB002	EAI - Elec Ops Support	9230	0002	CNP Service Company, LLC	\$ 165,000.00
413	2013	S/156200/CP/HEB008	New STRS Server	1070	0002	CNP Service Company, LLC	\$ 11,523.32
414	2013	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	0002	CNP Service Company, LLC	-\$ 8,582.60
415	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	0002	CNP Service Company, LLC	\$ 393,796.48
416	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9220	0002	CNP Service Company, LLC	\$ 165,614.21
417	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9230	0002	CNP Service Company, LLC	\$ 97,190.00
418	2013	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	0002	CNP Service Company, LLC	\$ 115,907.61
419	2013	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	0002	CNP Service Company, LLC	\$ 146,618.60
420	2013	S/156200/CP/HEBM006-NS	AOC Phase I - Network Security	1070	0002	CNP Service Company, LLC	\$ 351,595.78
421	2013	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	0002	CNP Service Company, LLC	\$ 612,740.80
422	2013	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	9230	0002	CNP Service Company, LLC	\$ 90,880.00
423	2013	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	0002	CNP Service Company, LLC	\$ 62,386.28
424	2013	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	1070	0002	CNP Service Company, LLC	\$ 357,135.15
425	2013	S/156200/CP/HEBM007	Outage Management (AMS) - IT	9220	0002	CNP Service Company, LLC	\$ 479.67
426	2013	S/156200/CP/HEBM007-B	Outage Management - Business	9220	0002	CNP Service Company, LLC	\$ 754.67
427	2013	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 1,426,690.83
428	2013	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9220	0002	CNP Service Company, LLC	\$ 351,727.80
429	2013	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 89,280.00
430	2013	S/156200/CP/HED024	BM - Mandated Revenue Changes	9220	0002	CNP Service Company, LLC	\$ 73,948.51
431	2013	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	0002	CNP Service Company, LLC	\$ 5,861.00

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432	2013	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	9220	0002	CNP Service Company, LLC	\$ 1,250.16
433	2013	S/156200/CP/HED062	LD Pro Update	1070	0002	CNP Service Company, LLC	-\$ 24,573.74
434	2013	S/156200/CP/HED062	LD Pro Update	9220	0002	CNP Service Company, LLC	\$ 12,593.01
435	2013	S/156200/CP/HED062	LD Pro Update	9230	0002	CNP Service Company, LLC	\$ 134,172.50
436	2013	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 453,232.00
437	2013	S/156200/CP/HED072	IOSS (AMS)	9230	0002	CNP Service Company, LLC	\$ 142,500.00
438	2013	S/156200/CP/HED073	SD SOA (AMS)	1070	0002	CNP Service Company, LLC	\$ 94,280.00
439	2013	S/156200/CP/HED073	SD SOA (AMS)	9220	0002	CNP Service Company, LLC	\$ 180,651.71
440	2013	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,095,390.49
441	2013	S/156200/CP/HED074	SD EAI (AMS)	9220	0002	CNP Service Company, LLC	\$ 320,758.20
442	2013	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 42,250.00
443	2013	S/156200/CP/HED075	SD CIS (AMS)	9220	0002	CNP Service Company, LLC	\$ 22,424.61
444	2013	S/156200/CP/HED078	AMS Analytics	1070	0002	CNP Service Company, LLC	\$ 955,619.59
445	2013	S/156200/CP/HED078	AMS Analytics	9220	0002	CNP Service Company, LLC	\$ 185,660.04
446	2013	S/156200/CP/HED078	AMS Analytics	9230	0002	CNP Service Company, LLC	\$ 836,185.01
447	2013	S/156200/CP/HED079	AMS Operations - NOC	1070	0002	CNP Service Company, LLC	\$ 98.25
448	2013	S/156200/CP/HED079	AMS Operations - NOC	9220	0002	CNP Service Company, LLC	\$ 1,199.18
449	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 2,563,265.90
450	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9220	0002	CNP Service Company, LLC	\$ 76,140.72
451	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9320	0002	CNP Service Company, LLC	\$ 4,336.50
452	2013	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	9220	0002	CNP Service Company, LLC	\$ 49,142.44
453	2013	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	0002	CNP Service Company, LLC	\$ 1,982.00
454	2013	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	9220	0002	CNP Service Company, LLC	\$ 719.50
455	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 599,261.80
456	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 325,799.69
457	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 503,419.55
458	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 599,261.82
459	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 325,799.66
460	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 503,419.52
461	2013	S/156200/CP/HED095	Asset Management for CEHE	1070	0002	CNP Service Company, LLC	\$ 89,062.48
462	2013	S/156200/CP/HED095	Asset Management for CEHE	9220	0002	CNP Service Company, LLC	\$ 46,227.96
463	2013	S/156200/CP/HED095	Asset Management for CEHE	9230	0002	CNP Service Company, LLC	\$ 57,945.00
464	2013	S/156200/CP/HED098	Outage Notification	1070	0002	CNP Service Company, LLC	\$ 10,373.19
465	2013	S/156200/CP/HED098	Outage Notification	9220	0002	CNP Service Company, LLC	\$ 7,572.33
466	2013	S/156200/CP/HED098	Outage Notification	9230	0002	CNP Service Company, LLC	\$ 61,250.00
467	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 464,170.00
468	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 130,990.73
469	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9230	0002	CNP Service Company, LLC	\$ 326,659.50
470	2013	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	-\$ 6,202.00
471	2013	S/156200/CP/HED106	AMS - TxSet 4.0	1070	0002	CNP Service Company, LLC	-\$ 7,220.00
472	2013	S/156200/CP/HED116	Business Transformation Initiatives	1070	0002	CNP Service Company, LLC	\$ 342.46
473	2013	S/156200/CP/HED116	Business Transformation Initiatives	9220	0002	CNP Service Company, LLC	\$ 2,398.33
474	2013	S/156200/CP/HED116	Business Transformation Initiatives	9230	0002	CNP Service Company, LLC	\$ 659.50
475	2013	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	9230	0002	CNP Service Company, LLC	\$ 24,174.52
476	2013	S/156200/CP/HED125	ADMS (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,289,989.24
477	2013	S/156200/CP/HED125	ADMS (AMS)	9220	0002	CNP Service Company, LLC	\$ 416,308.40
478	2013	S/156200/CP/HED125	ADMS (AMS)	9230	0002	CNP Service Company, LLC	\$ 538,560.00
479	2013	S/156200/CP/HED128	Investment Prioritization Tool	1070	0002	CNP Service Company, LLC	\$ 30,336.35

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480	2013	S/156200/CP/HED128	Investment Prioritization Tool	9230	0002	CNP Service Company, LLC	\$ 218,413.38
481	2013	S/156200/CP/HED136	Critical Integration Management Office	1070	0002	CNP Service Company, LLC	\$ 781,535.01
482	2013	S/156200/CP/HED154	CI-Outage Interaction Services	9230	0002	CNP Service Company, LLC	\$ 155,295.00
483	2013	S/156200/CP/HED161	Fleet Management - IT	1070	0002	CNP Service Company, LLC	\$ 129,660.00
484	2013	S/156200/CP/HED161	Fleet Management - IT	9220	0002	CNP Service Company, LLC	\$ 39,093.01
485	2013	S/156200/CP/HED161-B	Fleet Management - Business	9220	0002	CNP Service Company, LLC	\$ 18,319.04
486	2013	S/156200/CP/HED162	Active Risk Management - IT	1070	0002	CNP Service Company, LLC	\$ 140,643.22
487	2013	S/156200/CP/HED162	Active Risk Management - IT	9220	0002	CNP Service Company, LLC	\$ 13,362.92
488	2013	S/156200/CP/HED162	Active Risk Management - IT	9230	0002	CNP Service Company, LLC	\$ 60,092.17
489	2013	S/156200/CP/HED162-B	Active Risk Management - Business	9220	0002	CNP Service Company, LLC	\$ 40,267.07
490	2014	125039	Bank Reconciliation	9220	0002	CNP Service Company, LLC	\$ 561.17
491	2014	125039	Bank Reconciliation	9220	0002	CNP Service Company, LLC	\$ 448.93
492	2014	125039	Bank Reconciliation	9220	0002	CNP Service Company, LLC	\$ 448.93
493	2014	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 88,974.01
494	2014	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 31,051.17
495	2014	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 235,174.25
496	2014	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 3,494.36
497	2014	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 2,064.79
498	2014	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 476.49
499	2014	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,191.30
500	2014	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 794.15
501	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 3,920.12
502	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 18,498.11
503	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 11,760.36
504	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 9,555.29
505	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 12,740.39
506	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 5,880.18
507	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 67,009.56
508	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 1,470.04
509	2014	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 21,560.66
510	2014	156103	FM PROJECT SUPPORT	9220	0002	CNP Service Company, LLC	\$ 5,683.54
511	2014	156103	FM PROJECT SUPPORT	9220	0002	CNP Service Company, LLC	\$ 84.82
512	2014	156103	FM PROJECT SUPPORT	9220	0002	CNP Service Company, LLC	\$ 7,549.86
513	2014	156160	SEC SECURITY DIR	9220	0002	CNP Service Company, LLC	\$ 9,622.08
514	2014	156221	PMO Management	9220	0002	CNP Service Company, LLC	\$ 18,705.62
515	2014	156225	Archit/Tech Risk	9220	0002	CNP Service Company, LLC	\$ 2,838.96
516	2014	156226	Customer Solutions	9220	0002	CNP Service Company, LLC	\$ 363.33
517	2014	159033	Houston Call Center	9220	0002	CNP Service Company, LLC	\$ 2,334.40
518	2014	159033	Houston Call Center	9220	0002	CNP Service Company, LLC	\$ 233.44
519	2014	11033766	CLSD Legal to Entex Metro Project - CAP	9230	0002	CNP Service Company, LLC	\$ 60.00
520	2014	11034334	CLSD Legal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 1,888.99
521	2014	11034334	CLSD Legal to Oyster Creek CCN-CAP	9230	0002	CNP Service Company, LLC	\$ 1,497.50
522	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	9210	0002	CNP Service Company, LLC	\$ 968.49
523	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	9220	0002	CNP Service Company, LLC	\$ 19,381.58
524	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	9230	0002	CNP Service Company, LLC	\$ 8,262.88
525	2014	11034663	Legal to Grand Parkway - CAP	9220	0002	CNP Service Company, LLC	\$ 4,929.49
526	2014	11034663	Legal to Grand Parkway - CAP	9230	0002	CNP Service Company, LLC	\$ 2,745.00
527	2014	11035167	CLSD Legal to Brazos Vally Connection-CAP	9210	0002	CNP Service Company, LLC	\$ 17,464.47

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528	2014	11035167	CLSDLegal to Brazos Vally Connection-CAP	9220	0002	CNP Service Company, LLC	\$ 248,816.44
529	2014	11035167	CLSDLegal to Brazos Vally Connection-CAP	9230	0002	CNP Service Company, LLC	\$ 565,181.35
530	2014	11035623	CLSD Legal to P847-1 Mont Belvieu Ves Mv	9220	0002	CNP Service Company, LLC	\$ 595.16
531	2014	11035623	CLSD Legal to P847-1 Mont Belvieu Ves Mv	9230	0002	CNP Service Company, LLC	\$ 17,029.39
532	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	0002	CNP Service Company, LLC	\$ 1,069,366.88
533	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9220	0002	CNP Service Company, LLC	\$ 87,669.16
534	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	9230	0002	CNP Service Company, LLC	\$ 706,090.12
535	2014	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	0002	CNP Service Company, LLC	\$ 14,507.52
536	2014	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	9220	0002	CNP Service Company, LLC	\$ 217,930.76
537	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 222,104.56
538	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9220	0002	CNP Service Company, LLC	\$ 293,476.76
539	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9230	0002	CNP Service Company, LLC	\$ 58,425.97
540	2014	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	9220	0002	CNP Service Company, LLC	\$ 35,658.33
541	2014	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	0002	CNP Service Company, LLC	\$ 4,031.25
542	2014	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	9220	0002	CNP Service Company, LLC	\$ 146,494.09
543	2014	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	1070	0002	CNP Service Company, LLC	\$ 502.33
544	2014	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	0002	CNP Service Company, LLC	-\$ 3,794.78
545	2014	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	9220	0002	CNP Service Company, LLC	\$ 198.63
546	2014	S/156200/CP/ENTD058-CH-B	CVP/CRM CHaRT- Business	9220	0002	CNP Service Company, LLC	\$ 29.13
547	2014	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	0002	CNP Service Company, LLC	\$ 34,113.59
548	2014	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	9220	0002	CNP Service Company, LLC	\$ 60.56
549	2014	S/156200/CP/ENTD058-DC-E	CVP/CRM Data Cleansing/Conversion- Elec	9220	0002	CNP Service Company, LLC	\$ 2,782.99
550	2014	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	0002	CNP Service Company, LLC	\$ 69,635.47
551	2014	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	9220	0002	CNP Service Company, LLC	\$ 66,417.75
552	2014	S/156200/CP/ENTD058-MX	CVP/CRM SAP MaxAttention- IT	9230	0002	CNP Service Company, LLC	\$ 51,067.32
553	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	0002	CNP Service Company, LLC	\$ 663,198.30
554	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	9220	0002	CNP Service Company, LLC	\$ 462,555.80
555	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	9230	0002	CNP Service Company, LLC	\$ 1,408,360.95
556	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	0002	CNP Service Company, LLC	\$ 299.17
557	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	9220	0002	CNP Service Company, LLC	\$ 336,623.34
558	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	9230	0002	CNP Service Company, LLC	-\$ 790.08
559	2014	S/156200/CP/ENTD058-RE-E	CVP/CRM Realization- Electric	9220	0002	CNP Service Company, LLC	\$ 34,842.89
560	2014	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	0002	CNP Service Company, LLC	-\$ 621.59
561	2014	S/156200/CP/ENTD079	Fuel Force Controllers Project	9220	0002	CNP Service Company, LLC	-\$ 1,223.32
562	2014	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	0002	CNP Service Company, LLC	\$ 123,379.48
563	2014	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	9220	0002	CNP Service Company, LLC	\$ 21,041.99
564	2014	S/156200/CP/ENTD083-B	CVP/CRM PMO Program Admin - Business	9220	0002	CNP Service Company, LLC	\$ 1,323.06
565	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	0002	CNP Service Company, LLC	\$ 377,091.98
566	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	9220	0002	CNP Service Company, LLC	\$ 514,965.11
567	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	9230	0002	CNP Service Company, LLC	\$ 2,864,570.65
568	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	0002	CNP Service Company, LLC	\$ 5,004.72
569	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	9220	0002	CNP Service Company, LLC	\$ 206,009.15
570	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	9230	0002	CNP Service Company, LLC	\$ 2,032.66
571	2014	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	0002	CNP Service Company, LLC	-\$ 3,000.54
572	2014	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	9220	0002	CNP Service Company, LLC	\$ 1,453.27
573	2014	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	9230	0002	CNP Service Company, LLC	\$ 24,420.00
574	2014	S/156200/CP/ENTD103	SAP Health & Safety	1070	0002	CNP Service Company, LLC	\$ 313,980.01
575	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	0002	CNP Service Company, LLC	-\$ 38,225.12

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576	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	9220	0002	CNP Service Company, LLC	\$ 1,490.25
577	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	9230	0002	CNP Service Company, LLC	\$ 8,564.94
578	2014	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	0002	CNP Service Company, LLC	\$ 63,747.54
579	2014	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	9220	0002	CNP Service Company, LLC	\$ 6,289.95
580	2014	S/156200/CP/FIND017-AL-B	SAP Fixed Assets Fresh Start- Business	9220	0002	CNP Service Company, LLC	\$ 2,532.10
581	2014	S/156200/CP/FIND039	Fixed Asset - IT	1070	0002	CNP Service Company, LLC	\$ 264,441.78
582	2014	S/156200/CP/FIND039	Fixed Asset - IT	9220	0002	CNP Service Company, LLC	\$ 48,662.21
583	2014	S/156200/CP/FIND039	Fixed Asset - IT	9230	0002	CNP Service Company, LLC	\$ 18,162.40
584	2014	S/156200/CP/FIND039-B	Fixed Asset - Business	9220	0002	CNP Service Company, LLC	\$ 8,910.76
585	2014	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	0002	CNP Service Company, LLC	\$ 155,000.00
586	2014	S/156200/CP/HEB002	EAI - Elec Ops Support	9230	0002	CNP Service Company, LLC	\$ 95,000.00
587	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	0002	CNP Service Company, LLC	\$ 108,981.01
588	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9220	0002	CNP Service Company, LLC	\$ 6,108.20
589	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	9230	0002	CNP Service Company, LLC	\$ 29,295.00
590	2014	S/156200/CP/HEBM005-B	Outage Enablement (AMS)- Business	1070	0002	CNP Service Company, LLC	\$ 5,700.00
591	2014	S/156200/CP/HEBM005-B	Outage Enablement (AMS)- Business	9220	0002	CNP Service Company, LLC	\$ 13,229.44
592	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	0002	CNP Service Company, LLC	\$ 44,106.88
593	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	9220	0002	CNP Service Company, LLC	\$ 8,190.51
594	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	9230	0002	CNP Service Company, LLC	\$ 40,783.68
595	2014	S/156200/CP/HEBM006-DR	AOC Phase I - Disaster Recovery	1070	0002	CNP Service Company, LLC	\$ 134.56
596	2014	S/156200/CP/HEBM006-DR	AOC Phase I - Disaster Recovery	9220	0002	CNP Service Company, LLC	\$ 2,167.09
597	2014	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	0002	CNP Service Company, LLC	\$ 443.58
598	2014	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	9220	0002	CNP Service Company, LLC	\$ 5,692.61
599	2014	S/156200/CP/HEBM006-NS	AOC Phase I - Network Security	1070	0002	CNP Service Company, LLC	\$ 424.81
600	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	0002	CNP Service Company, LLC	\$ 679,221.88
601	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	9220	0002	CNP Service Company, LLC	\$ 55,643.03
602	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	9230	0002	CNP Service Company, LLC	\$ 80,844.90
603	2014	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	0002	CNP Service Company, LLC	\$ 149,806.96
604	2014	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	9230	0002	CNP Service Company, LLC	\$ 35,101.16
605	2014	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	1070	0002	CNP Service Company, LLC	\$ 13,994.87
606	2014	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	9220	0002	CNP Service Company, LLC	\$ 4,054.80
607	2014	S/156200/CP/HEBM007-B	Outage Management - Business	9220	0002	CNP Service Company, LLC	\$ 808.11
608	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 2,101,936.82
609	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9220	0002	CNP Service Company, LLC	\$ 330,449.48
610	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	9230	0002	CNP Service Company, LLC	\$ 661.10
611	2014	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 61,855.29
612	2014	S/156200/CP/HED024	BM - Mandated Revenue Changes	9220	0002	CNP Service Company, LLC	\$ 75,086.35
613	2014	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	0002	CNP Service Company, LLC	\$ 29,132.03
614	2014	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	9220	0002	CNP Service Company, LLC	\$ 111,385.33
615	2014	S/156200/CP/HED062	LD Pro Update	9230	0002	CNP Service Company, LLC	\$ 0.80
616	2014	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 2,369,809.03
617	2014	S/156200/CP/HED072	IOSS (AMS)	9230	0002	CNP Service Company, LLC	\$ 0.39
618	2014	S/156200/CP/HED073	SD SOA (AMS)	1070	0002	CNP Service Company, LLC	-\$ 2,038.31
619	2014	S/156200/CP/HED073	SD SOA (AMS)	9220	0002	CNP Service Company, LLC	\$ 142,186.96
620	2014	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 713,160.00
621	2014	S/156200/CP/HED074	SD EAI (AMS)	9220	0002	CNP Service Company, LLC	\$ 304,951.15
622	2014	S/156200/CP/HED074	SD EAI (AMS)	9230	0002	CNP Service Company, LLC	\$ 139,387.71
623	2014	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 55,806.99

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624	2014	S/156200/CP/HED075	SD CIS (AMS)	9220	0002	CNP Service Company, LLC	\$ 58,798.48
625	2014	S/156200/CP/HED078	AMS Analytics	1070	0002	CNP Service Company, LLC	\$ 314,035.53
626	2014	S/156200/CP/HED078	AMS Analytics	9220	0002	CNP Service Company, LLC	\$ 205,397.62
627	2014	S/156200/CP/HED078	AMS Analytics	9230	0002	CNP Service Company, LLC	\$ 835,666.15
628	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 7,056,529.64
629	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9220	0002	CNP Service Company, LLC	\$ 777,099.11
630	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	9230	0002	CNP Service Company, LLC	\$ 3,348,865.67
631	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	0002	CNP Service Company, LLC	-\$ 126,316.77
632	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	9220	0002	CNP Service Company, LLC	\$ 270,843.97
633	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	9230	0002	CNP Service Company, LLC	\$ 189,252.50
634	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	0002	CNP Service Company, LLC	\$ 141,774.49
635	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	9220	0002	CNP Service Company, LLC	\$ 16,766.88
636	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	9230	0002	CNP Service Company, LLC	\$ 447.00
637	2014	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	0002	CNP Service Company, LLC	\$ 27,767.35
638	2014	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	9220	0002	CNP Service Company, LLC	\$ 261,371.21
639	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 338,151.54
640	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 139,483.59
641	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 17,471.88
642	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 338,151.54
643	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9220	0002	CNP Service Company, LLC	\$ 139,483.61
644	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	9230	0002	CNP Service Company, LLC	\$ 17,471.89
645	2014	S/156200/CP/HED095	Asset Management for CEHE	1070	0002	CNP Service Company, LLC	\$ 148,142.95
646	2014	S/156200/CP/HED095	Asset Management for CEHE	9220	0002	CNP Service Company, LLC	\$ 59,100.37
647	2014	S/156200/CP/HED095	Asset Management for CEHE	9230	0002	CNP Service Company, LLC	\$ 13,326.24
648	2014	S/156200/CP/HED095-B	Asset Management for CEHE - Business	9220	0002	CNP Service Company, LLC	\$ 37,887.37
649	2014	S/156200/CP/HED098	Outage Notification	1070	0002	CNP Service Company, LLC	\$ 742.50
650	2014	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 624,019.68
651	2014	S/156200/CP/HED104	Security - Intelligent Grid (IG)	9220	0002	CNP Service Company, LLC	\$ 100,752.96
652	2014	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	0002	CNP Service Company, LLC	\$ 170,337.48
653	2014	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	9230	0002	CNP Service Company, LLC	\$ 13,489.03
654	2014	S/156200/CP/HED125	ADMS (AMS)	1070	0002	CNP Service Company, LLC	\$ 4,077,937.83
655	2014	S/156200/CP/HED125	ADMS (AMS)	9220	0002	CNP Service Company, LLC	\$ 626,721.46
656	2014	S/156200/CP/HED125	ADMS (AMS)	9230	0002	CNP Service Company, LLC	\$ 111,574.63
657	2014	S/156200/CP/HED126	WiFi 4G Rollout	1070	0002	CNP Service Company, LLC	-\$ 60,365.10
658	2014	S/156200/CP/HED126	WiFi 4G Rollout	9220	0002	CNP Service Company, LLC	\$ 60,365.10
659	2014	S/156200/CP/HED127	Service Center of the Future	1070	0002	CNP Service Company, LLC	\$ 50,659.33
660	2014	S/156200/CP/HED128	Investment Prioritization Tool	1070	0002	CNP Service Company, LLC	\$ 19,278.41
661	2014	S/156200/CP/HED128	Investment Prioritization Tool	9220	0002	CNP Service Company, LLC	\$ 1,574.41
662	2014	S/156200/CP/HED128	Investment Prioritization Tool	9230	0002	CNP Service Company, LLC	\$ 65,966.97
663	2014	S/156200/CP/HED129	AMS Analytics & Data Services	1070	0002	CNP Service Company, LLC	-\$ 6,539.79
664	2014	S/156200/CP/HED129	AMS Analytics & Data Services	9220	0002	CNP Service Company, LLC	\$ 6,539.76
665	2014	S/156200/CP/HED133	DDS Enhancements	9220	0002	CNP Service Company, LLC	\$ 14,290.62
666	2014	S/156200/CP/HED133	DDS Enhancements	9230	0002	CNP Service Company, LLC	\$ 14,880.00
667	2014	S/156200/CP/HED136	Critical Integration Management Office	1070	0002	CNP Service Company, LLC	\$ 852,851.93
668	2014	S/156200/CP/HED136	Critical Integration Management Office	9220	0002	CNP Service Company, LLC	\$ 4,420.37
669	2014	S/156200/CP/HED159	Project Engineering Reporting	1070	0002	CNP Service Company, LLC	\$ 19,759.44
670	2014	S/156200/CP/HED159	Project Engineering Reporting	9220	0002	CNP Service Company, LLC	\$ 49,108.87
671	2014	S/156200/CP/HED159	Project Engineering Reporting	9230	0002	CNP Service Company, LLC	\$ 50,670.00

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Lane No.	Year	Cost Object	Cost Object Description	Functional Area	Company Code (sender)	Company Name (sender)	Amount
672	2014	S/156200/CP/HED161	Fleet Management - IT	1070	0002	CNP Service Company, LLC	\$ 285,475.59
673	2014	S/156200/CP/HED161	Fleet Management - IT	9220	0002	CNP Service Company, LLC	\$ 337,726.09
674	2014	S/156200/CP/HED161	Fleet Management - IT	9230	0002	CNP Service Company, LLC	\$ 164,231.75
675	2014	S/156200/CP/HED161-B	Fleet Management - Business	9220	0002	CNP Service Company, LLC	\$ 45,084.00
676	2014	S/156200/CP/HED162	Active Risk Management - IT	9220	0002	CNP Service Company, LLC	\$ 3,265.44
677	2014	S/156200/CP/HED162	Active Risk Management - IT	9230	0002	CNP Service Company, LLC	\$ 50,091.49
678	2014	S/156200/CP/HED162-B	Active Risk Management - Business	9220	0002	CNP Service Company, LLC	\$ 3,940.30
679	2014	S/156200/CP/HED179	CEHE Asset LCA	1070	0002	CNP Service Company, LLC	\$ 498,851.00
680	2014	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	1070	0002	CNP Service Company, LLC	\$ 6,560.85
681	2014	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	9220	0002	CNP Service Company, LLC	\$ 9,716.18
682	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	\$ 75,650.67
683	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9230	0002	CNP Service Company, LLC	\$ 87,068.73
684	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9310	0002	CNP Service Company, LLC	\$ 175.77
685	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9320	0002	CNP Service Company, LLC	\$ 24,256.49
686	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	-\$ 24,577.73
687	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9230	0002	CNP Service Company, LLC	-\$ 94,177.50
688	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9310	0002	CNP Service Company, LLC	-\$ 217.00
689	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9320	0002	CNP Service Company, LLC	-\$ 29,946.28
690	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	-\$ 14,296.53
691	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	9230	0002	CNP Service Company, LLC	-\$ 13,314.75
692	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	-\$ 54,521.62
693	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	0002	CNP Service Company, LLC	\$ 644,389.76
694	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	9230	0002	CNP Service Company, LLC	\$ 375.20
695	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	0002	CNP Service Company, LLC	-\$ 77,823.31
696	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	9230	0002	CNP Service Company, LLC	-\$ 414.49
697	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	0002	CNP Service Company, LLC	-\$ 717,719.61
698	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	9230	0002	CNP Service Company, LLC	-\$ 48.71
699	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	0002	CNP Service Company, LLC	\$ 192,186.10
700	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	0002	CNP Service Company, LLC	-\$ 69,928.50
701	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	0002	CNP Service Company, LLC	-\$ 167,338.29
702	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	0002	CNP Service Company, LLC	\$ 92,280.17
703	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	9220	0002	CNP Service Company, LLC	\$ 0.01
704	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	9320	0002	CNP Service Company, LLC	\$ 33,267,911.72
705	2014	S/156200/CP/ITD089-CN-B	AOC Phase II - AOC Construction-Business	9220	0002	CNP Service Company, LLC	\$ 79,768.50
706	2014	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	0002	CNP Service Company, LLC	\$ 29,626.27
707	2014	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	9220	0002	CNP Service Company, LLC	\$ 12,706.20
708	2014	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	1070	0002	CNP Service Company, LLC	\$ 42,727.78
709	2014	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	9320	0002	CNP Service Company, LLC	\$ 213,494.86
710	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	0002	CNP Service Company, LLC	\$ 859,574.57
711	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	9220	0002	CNP Service Company, LLC	\$ 83,729.37
712	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	9230	0002	CNP Service Company, LLC	\$ 1,368.90
713	2014	S/156200/CP/ITD089-FM	AOC Phase II - Facility Management	1070	0002	CNP Service Company, LLC	\$ 2,682.34
714	2014	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	0002	CNP Service Company, LLC	\$ 75,302.39
715	2014	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	9220	0002	CNP Service Company, LLC	\$ 34,373.00
716	2014	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	0002	CNP Service Company, LLC	\$ 75,392.58
717	2014	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	9220	0002	CNP Service Company, LLC	\$ 28,980.80
718	2014	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	0002	CNP Service Company, LLC	\$ 94,239.26
719	2014	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	9220	0002	CNP Service Company, LLC	\$ 44,179.12

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720	2014	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	0002	CNP Service Company, LLC	\$ 995,655.54
721	2014	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	9230	0002	CNP Service Company, LLC	\$ 826,967.47
722	2014	S/156200/CP/ITD089-PM-B	AOC Phase II - Project Mgmt Support -Bus	9220	0002	CNP Service Company, LLC	\$ 12,109.15
723	2014	S/156200/CP/ITD089-PR-B	AOC Phase II - Purchasing - Business	9220	0002	CNP Service Company, LLC	\$ 6,889.10
724	2014	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	0002	CNP Service Company, LLC	\$ 10,016.47
725	2014	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	9220	0002	CNP Service Company, LLC	\$ 4,385.41
726	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	1070	0002	CNP Service Company, LLC	\$ 270,650.00
727	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	9220	0002	CNP Service Company, LLC	\$ 3,269.89
728	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	9230	0002	CNP Service Company, LLC	\$ 212,225.00
729	2014	S/156200/CP/ITD106-E	Enterprise Portfolio Mgmt - Electric	9220	0002	CNP Service Company, LLC	\$ 19,829.05
730	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 1,982.12
731	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 725.50
732	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 7,766.43
733	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 71,902.54
734	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 47,319.71
735	2015	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 237,444.44
736	2015	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,151.11
737	2015	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 3,453.35
738	2015	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,948.04
739	2015	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,239.66
740	2015	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 1,682.40
741	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 3,622.75
742	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 11,385.77
743	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 1,552.61
744	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 13,197.05
745	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 40,885.28
746	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 20,183.87
747	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 13,455.91
748	2015	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 3,105.21
749	2015	156239	Mkt/Field/Logistics	9220	0002	CNP Service Company, LLC	\$ 80.84
750	2015	156239	Mkt/Field/Logistics	9220	0002	CNP Service Company, LLC	\$ 62.28
751	2015	156261	Bus Tech Support	9220	0002	CNP Service Company, LLC	\$ 4,605.12
752	2015	156265	Technical Operations	9220	0002	CNP Service Company, LLC	\$ 148.08
753	2015	156266	Operational/Corp Ana	9220	0002	CNP Service Company, LLC	\$ 655.87
754	2015	156283	Network Operations	9220	0002	CNP Service Company, LLC	\$ 10,692.63
755	2015	11032723	Legal to IG SGIG Support	9220	0002	CNP Service Company, LLC	\$ 237.33
756	2015	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	9220	0002	CNP Service Company, LLC	\$ 1,222.25
757	2015	11034334	CLSDLegal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 4,485.54
758	2015	11034334	CLSDLegal to Oyster Creek CCN-CAP	9230	0002	CNP Service Company, LLC	\$ 27,398.10
759	2015	11034335	CLSD Legal to Zenith - Franz CCN - CAP	9220	0002	CNP Service Company, LLC	\$ 4,817.80
760	2015	11035167	CLSDLegal to Brazos Vally Connection-CAP	9210	0002	CNP Service Company, LLC	\$ 17,109.14
761	2015	11035167	CLSDLegal to Brazos Vally Connection-CAP	9220	0002	CNP Service Company, LLC	\$ 275,113.92
762	2015	11035167	CLSDLegal to Brazos Vally Connection-CAP	9230	0002	CNP Service Company, LLC	\$ 3,083,239.53
763	2015	11036707	CLSD Legal to Merfish T-Line Crossing	9220	0002	CNP Service Company, LLC	\$ 711.99
764	2015	11036707	CLSD Legal to Merfish T-Line Crossing	9230	0002	CNP Service Company, LLC	\$ 5,000.10
765	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	9210	0002	CNP Service Company, LLC	\$ 54,934.84
766	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	9230	0002	CNP Service Company, LLC	\$ 22,614.56
767	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	9320	0002	CNP Service Company, LLC	\$ 1,576.12

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768	2015	11037380	Legal to Brazos Valley Land/ROW - CAP	9220	0002	CNP Service Company, LLC	\$ 9,433.87
769	2015	11037380	Legal to Brazos Valley Land/ROW - CAP	9230	0002	CNP Service Company, LLC	\$ 85,346.73
770	2015	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	0002	CNP Service Company, LLC	\$ 968,477.03
771	2015	S/156200/CP/ENTBM001	DB2 BW Historical Migration to HANA - IT	1070	0002	CNP Service Company, LLC	\$ 114,201.68
772	2015	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	0002	CNP Service Company, LLC	\$ 33,487.50
773	2015	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	0002	CNP Service Company, LLC	\$ 890.96
774	2015	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 707,037.14
775	2015	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	9220	0002	CNP Service Company, LLC	\$ 80.72
776	2015	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	1070	0002	CNP Service Company, LLC	\$ 2,489.81
777	2015	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	9220	0002	CNP Service Company, LLC	\$ 4,658.98
778	2015	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	0002	CNP Service Company, LLC	\$ 7,379.85
779	2015	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	9220	0002	CNP Service Company, LLC	\$ 49,072.37
780	2015	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	0002	CNP Service Company, LLC	-\$ 60,445.82
781	2015	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	9220	0002	CNP Service Company, LLC	-\$ 0.01
782	2015	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	0002	CNP Service Company, LLC	\$ 239,624.66
783	2015	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	0002	CNP Service Company, LLC	\$ 8,411.91
784	2015	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	9220	0002	CNP Service Company, LLC	\$ 31,565.54
785	2015	S/156200/CP/ENTD100	Data Center Modernization - IT	1070	0002	CNP Service Company, LLC	\$ 38,458.97
786	2015	S/156200/CP/ENTD100	Data Center Modernization - IT	9320	0002	CNP Service Company, LLC	\$ 1,720.22
787	2015	S/156200/CP/ENTD103	SAP Health & Safety	1070	0002	CNP Service Company, LLC	\$ 161,980.64
788	2015	S/156200/CP/ENTD114	Fixed Asset - IT	1070	0002	CNP Service Company, LLC	\$ 505,905.70
789	2015	S/156200/CP/ENTD114-B	Fixed Asset - Business	1070	0002	CNP Service Company, LLC	\$ 3,772.21
790	2015	S/156200/CP/ENTD114-B	Fixed Asset - Business	9220	0002	CNP Service Company, LLC	\$ 4,626.11
791	2015	S/156200/CP/ENTD116	Preference Center - IT only	1070	0002	CNP Service Company, LLC	\$ 632,401.58
792	2015	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	0002	CNP Service Company, LLC	\$ 19,493.88
793	2015	S/156200/CP/ENTD116-B	Preference Center - Business only	9220	0002	CNP Service Company, LLC	\$ 10,850.98
794	2015	S/156200/CP/ENTD133	Integrity Check	1070	0002	CNP Service Company, LLC	\$ 48,839.95
795	2015	S/156200/CP/ENTD138	Web Enhancements	1070	0002	CNP Service Company, LLC	\$ 45,909.22
796	2015	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	0002	CNP Service Company, LLC	-\$ 161,220.00
797	2015	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	0002	CNP Service Company, LLC	\$ 25,782.66
798	2015	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	0002	CNP Service Company, LLC	\$ 8,010.50
799	2015	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	0002	CNP Service Company, LLC	\$ 26,109.91
800	2015	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	0002	CNP Service Company, LLC	\$ 82.29
801	2015	S/156200/CP/HEBM008	AMS Analytics - Real Time Mgmt	1070	0002	CNP Service Company, LLC	\$ 2,094,433.12
802	2015	S/156200/CP/HEBM009	AMS Analytics - Operations	1070	0002	CNP Service Company, LLC	\$ 1,898,936.55
803	2015	S/156200/CP/HEBM009	AMS Analytics - Operations	9320	0002	CNP Service Company, LLC	\$ 1,703.26
804	2015	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 1,950,444.61
805	2015	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	0002	CNP Service Company, LLC	\$ 239,873.53
806	2015	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	\$ 249,228.63
807	2015	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,072,028.74
808	2015	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	\$ 337,480.82
809	2015	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	0002	CNP Service Company, LLC	\$ 946,503.31
810	2015	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	0002	CNP Service Company, LLC	\$ 45,195.00
811	2015	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	9220	0002	CNP Service Company, LLC	\$ 6,139.03
812	2015	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	0002	CNP Service Company, LLC	\$ 25,736.95
813	2015	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	0002	CNP Service Company, LLC	\$ 0.19
814	2015	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	9220	0002	CNP Service Company, LLC	\$ 62,607.37
815	2015	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 52,851.02

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816	2015	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	0002	CNP Service Company, LLC	\$ 56,120.11
817	2015	S/156200/CP/HED095	Asset Management for CEHE	1070	0002	CNP Service Company, LLC	\$ 429,625.94
818	2015	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 242,974.79
819	2015	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 1,688.43
820	2015	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	0002	CNP Service Company, LLC	\$ 152,165.32
821	2015	S/156200/CP/HED125	ADMS (AMS)	1070	0002	CNP Service Company, LLC	\$ 1,451,687.77
822	2015	S/156200/CP/HED127	Service Center of the Future	1070	0002	CNP Service Company, LLC	\$ 103,742.63
823	2015	S/156200/CP/HED127-BC	SCOTF - Meter Bar Code	1070	0002	CNP Service Company, LLC	\$ 11,555.24
824	2015	S/156200/CP/HED127-UM	SCOTF - Unplanned Material Request	1070	0002	CNP Service Company, LLC	\$ 13,615.93
825	2015	S/156200/CP/HED128	Investment Prioritization Tool	1070	0002	CNP Service Company, LLC	\$ 25,796.29
826	2015	S/156200/CP/HED133	DDS Enhancements	1070	0002	CNP Service Company, LLC	\$ 63,016.03
827	2015	S/156200/CP/HED133-B	DDS Enhancements - Business	1070	0002	CNP Service Company, LLC	\$ 9,045.00
828	2015	S/156200/CP/HED136	Critical Integration Management Office	1070	0002	CNP Service Company, LLC	\$ 347,786.24
829	2015	S/156200/CP/HED159	Project Engineering Reporting	1070	0002	CNP Service Company, LLC	\$ 129,310.96
830	2015	S/156200/CP/HED161	Fleet Management - IT	1070	0002	CNP Service Company, LLC	\$ -1,626.70
831	2015	S/156200/CP/HED162	Active Risk Management - IT	1070	0002	CNP Service Company, LLC	\$ -50,800.64
832	2015	S/156200/CP/HED178	Mobile Data for Contractors - IT	1070	0002	CNP Service Company, LLC	\$ 132,316.42
833	2015	S/156200/CP/HED179	CEHE Asset LCA	1070	0002	CNP Service Company, LLC	\$ -8,250.00
834	2015	S/156200/CP/TTD089	AOC Phase II (IT Backup Data Center)	1070	0002	CNP Service Company, LLC	\$ -11,938.10
835	2015	S/156200/CP/TTD089	AOC Phase II (IT Backup Data Center)	1070	0002	CNP Service Company, LLC	\$ 6,387.56
836	2015	S/156200/CP/TTD089-CN	AOC Phase II - AOC Construction-IT	1070	0002	CNP Service Company, LLC	\$ 69,935.29
837	2015	S/156200/CP/TTD089-CN	AOC Phase II - AOC Construction-IT	9320	0002	CNP Service Company, LLC	\$ 1,182,098.87
838	2015	S/156200/CP/TTD089-CN-B	AOC Phase II - AOC Construction-Business	9220	0002	CNP Service Company, LLC	\$ 15,929.78
839	2015	S/156200/CP/TTD089-CP	AOC Phase II - UNIX	1070	0002	CNP Service Company, LLC	\$ 22,065,072.39
840	2015	S/156200/CP/TTD089-CS	AOC Phase II - Corporate Security	1070	0002	CNP Service Company, LLC	\$ 25,783.33
841	2015	S/156200/CP/TTD089-CS	AOC Phase II - Corporate Security	9320	0002	CNP Service Company, LLC	\$ 16,398.49
842	2015	S/156200/CP/TTD089-DB	AOC Phase II - Database - IT ONLY	1070	0002	CNP Service Company, LLC	\$ 119,806.97
843	2015	S/156200/CP/TTD089-DR	AOC Phase II - Disaster Recovery	1070	0002	CNP Service Company, LLC	\$ 4,332,742.53
844	2015	S/156200/CP/TTD089-DR	AOC Phase II - Disaster Recovery	9230	0002	CNP Service Company, LLC	\$ 2,856.41
845	2015	S/156200/CP/TTD089-DR	AOC Phase II - Disaster Recovery	9320	0002	CNP Service Company, LLC	\$ 3,840.49
846	2015	S/156200/CP/TTD089-DS	AOC Phase II - Desktop Services	1070	0002	CNP Service Company, LLC	\$ 28,516.27
847	2015	S/156200/CP/TTD089-LN	AOC Phase II - LAN Services	1070	0002	CNP Service Company, LLC	\$ 2,348,388.62
848	2015	S/156200/CP/TTD089-NS	AOC Phase II - Network Security	1070	0002	CNP Service Company, LLC	\$ 4,043,308.31
849	2015	S/156200/CP/TTD089-NW	AOC Phase II - Network Services	1070	0002	CNP Service Company, LLC	\$ 6,075,074.69
850	2015	S/156200/CP/TTD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	0002	CNP Service Company, LLC	\$ 5,947,337.23
851	2015	S/156200/CP/TTD089-PM-B	AOC Phase II - Project Mgmt Support -Bus	1070	0002	CNP Service Company, LLC	\$ 79,105.53
852	2015	S/156200/CP/TTD089-SD	AOC Phase II - IT Applications	1070	0002	CNP Service Company, LLC	\$ 696,586.35
853	2015	S/156200/CP/TTD089-SD-E	AOC Phase II - IT Applications- Electric	9220	0002	CNP Service Company, LLC	\$ 78,131.66
854	2015	S/156200/CP/TTD089-TC	AOC Phase II - IT Telecom	1070	0002	CNP Service Company, LLC	\$ 65,563.05
855	2015	S/156200/CP/TTD106	Enterprise Portfolio Mgmt - IT	1070	0002	CNP Service Company, LLC	\$ 2,724.99
856	2015	S/156200/CP/SAPBM-BW	SAP BM Capital Business Warehouse	1070	0002	CNP Service Company, LLC	\$ 520,521.11
857	2015	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	0002	CNP Service Company, LLC	\$ 117,939.95
858	2015	S/156200/CP/SAPBM-HR	SAP BM Capital Human Resources	1070	0002	CNP Service Company, LLC	\$ 96,324.95
859	2016	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 42,998.47
860	2016	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 47,465.98
861	2016	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 42,651.35
862	2016	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 2,696.25
863	2016	156102	FM PROJECT MANAGEMENT	9220	0002	CNP Service Company, LLC	\$ 4,329.36

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864	2016	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,164.68
865	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 3,612.17
866	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	9230	0002	CNP Service Company, LLC	\$ 17,981.14
867	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	9220	0002	CNP Service Company, LLC	\$ 113.27
868	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	9230	0002	CNP Service Company, LLC	\$ 2,298.00
869	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9210	0002	CNP Service Company, LLC	\$ 1,294.40
870	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9220	0002	CNP Service Company, LLC	\$ 19,044.64
871	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9230	0002	CNP Service Company, LLC	\$ 182,014.53
872	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9210	0002	CNP Service Company, LLC	\$ 1,172.05
873	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9220	0002	CNP Service Company, LLC	\$ 1,585.84
874	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	9230	0002	CNP Service Company, LLC	\$ 8,555.00
875	2016	11037101	CLSD Reg to CEHE BVC CCN 2015	9210	0002	CNP Service Company, LLC	\$ 1,882.01
876	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	9210	0002	CNP Service Company, LLC	\$ 221,752.56
877	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	9220	0002	CNP Service Company, LLC	\$ 458,919.92
878	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	9230	0002	CNP Service Company, LLC	\$ 653,440.73
879	2016	S/156200/CP/ENTB001-CP	BR - Computing Plat	1070	0002	CNP Service Company, LLC	\$ 191,712.30
880	2016	S/156200/CP/ENTB001-DC	BR - Management	1070	0002	CNP Service Company, LLC	\$ 309,469.09
881	2016	S/156200/CP/ENTB001-DC	BR - Management	9320	0002	CNP Service Company, LLC	\$ 178.72
882	2016	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	0002	CNP Service Company, LLC	\$ 921,506.87
883	2016	S/156200/CP/ENTB006	MAO Optimization	1070	0002	CNP Service Company, LLC	\$ 41,493.16
884	2016	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	1070	0002	CNP Service Company, LLC	\$ 109,355.39
885	2016	S/156200/CP/ENTBM001	DB2 BW Historical Migration to HANA - IT	1070	0002	CNP Service Company, LLC	-\$ 171.50
886	2016	S/156200/CP/ENTBM003-TEL	Analytics Real Time Mgmt -BM- Telecomm	1070	0002	CNP Service Company, LLC	\$ 227,843.86
887	2016	S/156200/CP/ENTBM004-TEL	Analytics Operations BM - Telecomm	1070	0002	CNP Service Company, LLC	\$ 283,726.54
888	2016	S/156200/CP/ENTBM005	HANA- OWP Historical Data	1070	0002	CNP Service Company, LLC	\$ 496,982.69
889	2016	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	0002	CNP Service Company, LLC	-\$ 15,718.19
890	2016	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	0002	CNP Service Company, LLC	\$ 314,293.55
891	2016	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	0002	CNP Service Company, LLC	-\$ 1,366.80
892	2016	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	0002	CNP Service Company, LLC	-\$ 2,457.60
893	2016	S/156200/CP/ENTD114	Fixed Asset - IT	1070	0002	CNP Service Company, LLC	-\$ 9,952.00
894	2016	S/156200/CP/ENTD116	Preference Center - IT only	1070	0002	CNP Service Company, LLC	\$ 1,072,736.94
895	2016	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	0002	CNP Service Company, LLC	\$ 72,760.33
896	2016	S/156200/CP/ENTD116-B	Preference Center - Business only	9220	0002	CNP Service Company, LLC	\$ 9,314.90
897	2016	S/156200/CP/ENTD134-OEM	OEM Implementation of Fusion Resiliency	1070	0002	CNP Service Company, LLC	\$ 495,668.89
898	2016	S/156200/CP/ENTD135-DL	Data Loss Prevention	1070	0002	CNP Service Company, LLC	\$ 305,207.80
899	2016	S/156200/CP/ENTD135-SE	SIEM Expansion	1070	0002	CNP Service Company, LLC	\$ 138,962.25
900	2016	S/156200/CP/ENTD135-SO	Security Operations Center	1070	0002	CNP Service Company, LLC	\$ 198,922.50
901	2016	S/156200/CP/ENTD137-TEL	Analytics Operations Discr - Telecomm	1070	0002	CNP Service Company, LLC	\$ 112,231.04
902	2016	S/156200/CP/ENTDMDSI	MDSI Enhancements - IT	1070	0002	CNP Service Company, LLC	\$ 282,476.11
903	2016	S/156200/CP/HEB009-E	AMS Firewall Refresh - Business	1070	0002	CNP Service Company, LLC	\$ 140,675.51
904	2016	S/156200/CP/HEB008	AMS Analytics - Real Time Mgmt	1070	0002	CNP Service Company, LLC	\$ 14,187.38
905	2016	S/156200/CP/HEB009	AMS Analytics - Operations	1070	0002	CNP Service Company, LLC	-\$ 6,539.03
906	2016	S/156200/CP/HEB011-S	CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 968,517.64
907	2016	S/156200/CP/HEB012-EH	eHSM Incident Management	1070	0002	CNP Service Company, LLC	\$ 81,165.63
908	2016	S/156200/CP/HEB013	HANA- C&I REG BM	1070	0002	CNP Service Company, LLC	\$ 614,718.45
909	2016	S/156200/CP/HEB014	HANA- Netezza Migration	1070	0002	CNP Service Company, LLC	\$ 3,758,336.66
910	2016	S/156200/CP/HEB014	HANA- Netezza Migration	9220	0002	CNP Service Company, LLC	\$ 499.20
911	2016	S/156200/CP/HEB014-B	HANA- Netezza Migration - Business	1070	0002	CNP Service Company, LLC	\$ 39,289.92

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912	2016	S/156200/CP/HEBM014-B	HANA- Netezza Migration - Business	9220	0002	CNP Service Company, LLC	\$ 26,457.60
913	2016	S/156200/CP/HED002	iTrack- SAP Integration	1070	0002	CNP Service Company, LLC	\$ 596,049.35
914	2016	S/156200/CP/HED072	IOSS (AMS)	1070	0002	CNP Service Company, LLC	-\$ 42,275.00
915	2016	S/156200/CP/HED074	SD EAI (AMS)	1070	0002	CNP Service Company, LLC	\$ 56,450.46
916	2016	S/156200/CP/HED075	SD CIS (AMS)	1070	0002	CNP Service Company, LLC	-\$ 12,510.00
917	2016	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	0002	CNP Service Company, LLC	-\$ 6,139.03
918	2016	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	0002	CNP Service Company, LLC	-\$ 20,493.39
919	2016	S/156200/CP/HED095	Asset Management for CEHE	1070	0002	CNP Service Company, LLC	\$ 3,531.49
920	2016	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	0002	CNP Service Company, LLC	\$ 148,402.12
921	2016	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	0002	CNP Service Company, LLC	-\$ 13,614.62
922	2016	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	9230	0002	CNP Service Company, LLC	-\$ 13,489.03
923	2016	S/156200/CP/HED125	ADMS (AMS)	1070	0002	CNP Service Company, LLC	-\$ 544.28
924	2016	S/156200/CP/HED127	Service Center of the Future	1070	0002	CNP Service Company, LLC	\$ 10,984.80
925	2016	S/156200/CP/HED127-UM	SCOTF - Unplanned Material Request	1070	0002	CNP Service Company, LLC	\$ 4,887.84
926	2016	S/156200/CP/HED133	DDS Enhancements	1070	0002	CNP Service Company, LLC	\$ 55,076.68
927	2016	S/156200/CP/HED133-B	DDS Enhancements - Business	1070	0002	CNP Service Company, LLC	-\$ 3,688.35
928	2016	S/156200/CP/HED136	Critical Integration Management Office	1070	0002	CNP Service Company, LLC	-\$ 12,768.00
929	2016	S/156200/CP/HED159	Project Engineering Reporting	1070	0002	CNP Service Company, LLC	\$ 93,178.39
930	2016	S/156200/CP/HED178	Mobile Data for Contractors - IT	1070	0002	CNP Service Company, LLC	\$ 27,666.95
931	2016	S/156200/CP/HED182	HANA- Hardware Expansion	1070	0002	CNP Service Company, LLC	\$ 300,000.00
932	2016	S/156200/CP/HED183	MDM 7 7 Upgrade Project	1070	0002	CNP Service Company, LLC	\$ 96,104.86
933	2016	S/156200/CP/HED184	MDM EMA 20 Upgrade Project	1070	0002	CNP Service Company, LLC	\$ 34,163.93
934	2016	S/156200/CP/HED185	MDM Flex Sync Project	1070	0002	CNP Service Company, LLC	\$ 20,657.37
935	2016	S/156200/CP/HED186	Asset Health URD	1070	0002	CNP Service Company, LLC	\$ 93,500.00
936	2016	S/156200/CP/HED187	Safety Analytics Reporting	1070	0002	CNP Service Company, LLC	\$ 236,995.89
937	2016	S/156200/CP/HED188-IGSD	Asset Mgmt for CEHE-IGSD	1070	0002	CNP Service Company, LLC	\$ 30,667.11
938	2016	S/156200/CP/HED188-RELAY	Asset Mgmt for CEHE-Relay Sys	1070	0002	CNP Service Company, LLC	\$ 69,736.05
939	2016	S/156200/CP/ITD089-BR	AOC Phase II - Business Resiliency	1070	0002	CNP Service Company, LLC	\$ 612,834.53
940	2016	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	\$ 12.32
941	2016	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	0002	CNP Service Company, LLC	-\$ 15.20
942	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	0002	CNP Service Company, LLC	\$ 53,481.60
943	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	9220	0002	CNP Service Company, LLC	\$ 7,890.14
944	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	9320	0002	CNP Service Company, LLC	\$ 145,972.19
945	2016	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	0002	CNP Service Company, LLC	\$ 3,966.46
946	2016	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	0002	CNP Service Company, LLC	\$ 1,498,487.20
947	2016	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	9320	0002	CNP Service Company, LLC	\$ 284,567.24
948	2016	S/156200/CP/ITD089-DS	AOC Phase II - Desktop Services	1070	0002	CNP Service Company, LLC	\$ 47,305.62
949	2016	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	0002	CNP Service Company, LLC	\$ 66,676.71
950	2016	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	0002	CNP Service Company, LLC	\$ 202,681.34
951	2016	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	0002	CNP Service Company, LLC	\$ 565,315.10
952	2016	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	0002	CNP Service Company, LLC	\$ 1,271,088.10
953	2016	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	0002	CNP Service Company, LLC	\$ 19,119.24
954	2016	S/156200/CP/ITD089-TC	AOC Phase II - IT Telecom	1070	0002	CNP Service Company, LLC	\$ 43,633.59
955	2016	S/156200/CP/SAPBM-BW	SAP BM Capital Business Warehouse	1070	0002	CNP Service Company, LLC	\$ 0.10
956	2016	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	0002	CNP Service Company, LLC	\$ 163,575.11
957	2016	S/156200/CP/SAPBM-HA-LO	SAP BM LOA	1070	0002	CNP Service Company, LLC	\$ 257,418.83
958	2016	S/156200/CP/SAPBM-HR	SAP BM Capital Human Resources	1070	0002	CNP Service Company, LLC	\$ 0.01
959	2016	S/156200/CP/SAPBM-SS	SAP BM Capital Shared Services	1070	0002	CNP Service Company, LLC	\$ 0.07

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960	2017	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 4,537.10
961	2017	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 5,306.10
962	2017	125104	Property Accounting	9220	0002	CNP Service Company, LLC	\$ 80,899.92
963	2017	125115	ResidentialElec Bill	9220	0002	CNP Service Company, LLC	\$ 449.63
964	2017	125127	Lg Comm& Indus Bill	9220	0002	CNP Service Company, LLC	\$ 1,113.80
965	2017	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 5,650.11
966	2017	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,208.64
967	2017	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 11,043.20
968	2017	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 1,380.40
969	2017	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 14,908.32
970	2017	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 40,859.84
971	2017	156266	Operational/Corp Ana	9220	0002	CNP Service Company, LLC	\$ 1,058.98
972	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	9210	0002	CNP Service Company, LLC	\$ 168,314.72
973	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	9220	0002	CNP Service Company, LLC	\$ 114,812.22
974	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	9230	0002	CNP Service Company, LLC	\$ 229,978.79
975	2017	S/156200/CP/ENTB001-CP	BR - Computing Plat	1070	0002	CNP Service Company, LLC	\$ 1,762.68
976	2017	S/156200/CP/ENTB001-DB	Disaster Recovery - Database	1070	0002	CNP Service Company, LLC	\$ 33,839.02
977	2017	S/156200/CP/ENTB001-DC	BR - Management	1070	0002	CNP Service Company, LLC	\$ 647,331.41
978	2017	S/156200/CP/ENTB001-DC	BR - Management	9320	0002	CNP Service Company, LLC	\$ 28,193.54
979	2017	S/156200/CP/ENTB001-LN	BR - LAN Services	1070	0002	CNP Service Company, LLC	\$ 277,499.01
980	2017	S/156200/CP/ENTB001-NW	BR - Network	1070	0002	CNP Service Company, LLC	\$ 455,673.97
981	2017	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	0002	CNP Service Company, LLC	\$ 1,357,043.15
982	2017	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	1070	0002	CNP Service Company, LLC	\$ 208,506.59
983	2017	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	1070	0002	CNP Service Company, LLC	\$ 16,925.96
984	2017	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	9220	0002	CNP Service Company, LLC	\$ 168,656.65
985	2017	S/156200/CP/ENTBM005	HANA- OWP Historical Data	1070	0002	CNP Service Company, LLC	\$ 18,380.46
986	2017	S/156200/CP/ENTD116	Preference Center - IT only	1070	0002	CNP Service Company, LLC	\$ 735,481.20
987	2017	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	0002	CNP Service Company, LLC	\$ 38,943.82
988	2017	S/156200/CP/ENTD116-B	Preference Center - Business only	9220	0002	CNP Service Company, LLC	\$ 17,847.57
989	2017	S/156200/CP/ENTD132	MFM Mobius Replacement-IT Only	1070	0002	CNP Service Company, LLC	\$ 760,393.33
990	2017	S/156200/CP/ENTD135-DL	Data Loss Prevention	1070	0002	CNP Service Company, LLC	\$ 70,493.85
991	2017	S/156200/CP/ENTD135-SE	SIEM Expansion	1070	0002	CNP Service Company, LLC	\$ 44,753.02
992	2017	S/156200/CP/ENTD135-SO	Security Operations Center	1070	0002	CNP Service Company, LLC	\$ 60,345.77
993	2017	S/156200/CP/ENTD137-TEL	Analytics Operations Discr - Telecomm	1070	0002	CNP Service Company, LLC	\$ 251.68
994	2017	S/156200/CP/ENTDMDSI	MDSI Enhancements - IT	1070	0002	CNP Service Company, LLC	\$ 38,888.93
995	2017	S/156200/CP/HEBM011-S	CIS/BES/TMH Mandated Changes	1070	0002	CNP Service Company, LLC	\$ 7,102.57
996	2017	S/156200/CP/HEBM012-EH	eHSM Incident Management	1070	0002	CNP Service Company, LLC	\$ 316,640.34
997	2017	S/156200/CP/HEBM013	HANA- C&I REG BM	1070	0002	CNP Service Company, LLC	\$ 127.47
998	2017	S/156200/CP/HEBM014	HANA- Netezza Migration	1070	0002	CNP Service Company, LLC	\$ 361,230.09
999	2017	S/156200/CP/HEBM014-B	HANA- Netezza Migration - Business	1070	0002	CNP Service Company, LLC	\$ 2,558.40
1000	2017	S/156200/CP/HEBM015CR	TRM CRIP/ILCA/MIS LOA	1070	0002	CNP Service Company, LLC	\$ 250,865.93
1001	2017	S/156200/CP/HEBM015CR-B	TRM CRIP/ILCA/MIS LOA-Business	9220	0002	CNP Service Company, LLC	\$ 12,063.37
1002	2017	S/156200/CP/HED002	iTrack- SAP Integration	1070	0002	CNP Service Company, LLC	\$ 52,572.96
1003	2017	S/156200/CP/HED159	Project Engineering Reporting	1070	0002	CNP Service Company, LLC	\$ 8,672.40
1004	2017	S/156200/CP/HED186	Asset Health URD	1070	0002	CNP Service Company, LLC	\$ 455,193.77
1005	2017	S/156200/CP/HED188-CAPBK	Asset Mgmt for CEHE-CapacitorBnk	1070	0002	CNP Service Company, LLC	\$ 22,390.69
1006	2017	S/156200/CP/HED188-IGSD	Asset Mgmt for CEHE-IGSD	1070	0002	CNP Service Company, LLC	\$ 351,565.53
1007	2017	S/156200/CP/HED188-RELAY	Asset Mgmt for CEHE-Relay Sys	1070	0002	CNP Service Company, LLC	\$ 77,916.38

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1008	2017	S/156200/CP/HED189	iTrack Phase 3	1070	0002	CNP Service Company, LLC	\$ 404,681.92
1009	2017	S/156200/CP/HEDAMS-ER	eRock Project	1070	0002	CNP Service Company, LLC	\$ 56,331.16
1010	2017	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	0002	CNP Service Company, LLC	\$ 91,138.16
1011	2017	S/156200/CP/SAPBM-HA-LO	SAP BM LOA	1070	0002	CNP Service Company, LLC	\$ 0.01
1012	2017	S/156200/CP/SSBM001	SOC Enhancements	1070	0002	CNP Service Company, LLC	\$ 47,547.76
1013	2018	125104	Property Accounting	9220	0002	CNP Service Company, LLC	-\$ 3,796.65
1014	2018	125104	Property Accounting	9220	0002	CNP Service Company, LLC	-\$ 4,343.07
1015	2018	125104	Property Accounting	9220	0002	CNP Service Company, LLC	-\$ 4,255.13
1016	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 22,605.20
1017	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 517.67
1018	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 32,613.35
1019	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 517.67
1020	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 345.12
1021	2018	156101	FM CORP RE & FM DIR	9220	0002	CNP Service Company, LLC	\$ 12,941.73
1022	2018	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 2,148.48
1023	2018	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 6,445.44
1024	2018	156102	FM PROJECT MANAGMENT	9220	0002	CNP Service Company, LLC	\$ 114,540.84
1025	2018	156261	Bus Tech Support	9220	0002	CNP Service Company, LLC	\$ 23,818.08
1026	2018	156261	Bus Tech Support	9220	0002	CNP Service Company, LLC	\$ 61,690.35
1027	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	9210	0002	CNP Service Company, LLC	\$ 2,103.75
1028	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	9220	0002	CNP Service Company, LLC	\$ 46,997.81
1029	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	9230	0002	CNP Service Company, LLC	\$ 180.14
1030	2018	S/156200/CP/ENTB005-SW	Oracle License	1070	0002	CNP Service Company, LLC	\$ 1,712,622.45
1031	2018	S/156200/CP/ENTB008-TA	2017 Implement Test Automation	1070	0002	CNP Service Company, LLC	\$ 46,226.77
1032	2018	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	1070	0002	CNP Service Company, LLC	\$ 49,875.05
1033	2018	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	9220	0002	CNP Service Company, LLC	\$ 2,225.35
1034	2018	S/156200/CP/ENTBM003R2	QA Repositories for Regulatory Analysis	1070	0002	CNP Service Company, LLC	-\$ 7,120.26
1035	2018	S/156200/CP/ENTBM006PR	PRD Training Records	1070	0002	CNP Service Company, LLC	\$ 548.30
1036	2018	S/156200/CP/ENTBM009	Website Enhancements for ADA 2017	1070	0002	CNP Service Company, LLC	\$ 14,180.49
1037	2018	S/156200/CP/ENTD116	Preference Center - IT only	1070	0002	CNP Service Company, LLC	\$ 86,550.51
1038	2018	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	0002	CNP Service Company, LLC	-\$ 2,055.99
1039	2018	S/156200/CP/ENTD116-B	Preference Center - Business only	9220	0002	CNP Service Company, LLC	\$ 81.91
1040	2018	S/156200/CP/ENTD132	MFM Mobius Replacement-IT Only	1070	0002	CNP Service Company, LLC	\$ 36,416.46
1041	2018	S/156200/CP/ENTDMSIBR	Service Suite Oracle Database Upgrade	1070	0002	CNP Service Company, LLC	\$ 36,748.83
1042	2018	S/156200/CP/ENTDMSIBR	Service Suite Oracle Database Upgrade	9230	0002	CNP Service Company, LLC	\$ 5,543.97
1043	2018	S/156200/CP/HED189	iTrack Phase 3	1070	0002	CNP Service Company, LLC	\$ 152,743.00
1044	2018	S/156200/CP/HED191	Safety Data Collection, Intg & Structures	1070	0002	CNP Service Company, LLC	\$ 288,915.02
1045	2018	S/156200/CP/HED194	Rosharon Service Center	1070	0002	CNP Service Company, LLC	\$ 5,184.88
1046	2018	S/156200/CP/HEDAMS-DCE	DCE Upgrade	1070	0002	CNP Service Company, LLC	\$ 16,494.62
1047	2018	S/156200/CP/SAPBM-SSPI	PI Upgrade	1070	0002	CNP Service Company, LLC	\$ 11,207.43

Note. Some of the affiliate costs listed above are associated with projects that were funded by the AMS surcharge

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1	2010	156102	FM PROJECT MANAGMENT	1070	13075033	Dist Dispatching-Purchase New Furniture	2013
2	2010	156102	FM PROJECT MANAGMENT	1070	53483242	Greenspoint CAP 2010 - generator	2011
3	2010	156102	FM PROJECT MANAGMENT	1070	53484761	Katy/Sealy CAP 2010 - generator	2011
4	2010	156102	FM PROJECT MANAGMENT	1070	53484774	Pt Bend/Wharton CAP2010 - generator	2011
5	2010	156102	FM PROJECT MANAGMENT	1070	53485048	H.O. Clarke CAP 2010 - generator	2011
6	2010	156102	FM PROJECT MANAGMENT	1070	54276045	Bellaire CAP 2010 - rpl generator	2011
7	2010	156226	Customer Solutions	1070	13072802	Outage Tracker System	2012
8	2010	156226	Customer Solutions	1070	49809834	HAN/System Mods	2010
9	2010	156226	Customer Solutions	1070	49809838	ERCOT 15 Minute Settlement	2010
10	2010	11032781	CLSD Legal to New HP Campus	1070	52648414	HP CAMPUS - SURVEY AND LOCATING	2012
11	2010	11032781	CLSD Legal to New HP Campus	1070	52648414	HP CAMPUS - SURVEY AND LOCATING	2012
12	2010	11033003	FPM- ECDC RTO Control Rm Rehab- 56564247	1070	52804219	2010 REDE Critical Infrastructure Replac	2011
13	2010	11033025	CLSD Legal to Leveridge Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012
14	2010	11033025	CLSD Legal to Leveridge Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012
15	2010	11033220	CLSD Legal to Soccer Stadium	1070	54308331	P724 Reloc CK 46A1 Soccer Stad Preconst	2012
16	2010	11033220	CLSD Legal to Soccer Stadium	1070	54308331	P724 Reloc CK 46A1 Soccer Stad Preconst	2012
17	2010	11033220	CLSD Legal to Soccer Stadium	1070	54308331	P724 Reloc CK 46A1 Soccer Stad Preconst	2012
18	2010	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	13069482	2010 CenterPoint Electric IT Projects	2014
19	2010	S/156200/CP/HEB001	EAI License Conversion	1070	13069482	2010 CenterPoint Electric IT Projects	2014
20	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13069482	2010 CenterPoint Electric IT Projects	2014
21	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13069482	2010 CenterPoint Electric IT Projects	2014
22	2010	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13069482	2010 CenterPoint Electric IT Projects	2014
23	2010	S/156200/CP/HED014	Reg Ops Electric Efficiency Projects	1070	13069482	2010 CenterPoint Electric IT Projects	2014
24	2010	S/156200/CP/HED014	Reg Ops Electric Efficiency Projects	1070	13069482	2010 CenterPoint Electric IT Projects	2014
25	2010	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13069482	2010 CenterPoint Electric IT Projects	2014
26	2010	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13069482	2010 CenterPoint Electric IT Projects	2014
27	2010	S/156200/CP/HED029	Electric DAS & AMM Bridge - Capital	1070	13064942	2009 CenterPoint Electric IT Projects	2014
28	2010	S/156200/CP/HED035	PR - MDSI Enhancements	1070	13069482	2010 CenterPoint Electric IT Projects	2014
29	2010	S/156200/CP/HED035	PR - MDSI Enhancements	1070	13069482	2010 CenterPoint Electric IT Projects	2014
30	2010	S/156200/CP/HED035	PR - MDSI Enhancements	1070	13069482	2010 CenterPoint Electric IT Projects	2014
31	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13064942	2009 CenterPoint Electric IT Projects	2014
32	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13069482	2010 CenterPoint Electric IT Projects	2014
33	2010	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13069482	2010 CenterPoint Electric IT Projects	2014
34	2010	S/156200/CP/HED042	Drawing Management System	1070	13069482	2010 CenterPoint Electric IT Projects	2014
35	2010	S/156200/CP/HED042	Drawing Management System	1070	13069482	2010 CenterPoint Electric IT Projects	2014
36	2010	S/156200/CP/HED042	Drawing Management System	1070	13069482	2010 CenterPoint Electric IT Projects	2014
37	2010	S/156200/CP/HED043	PowerDB	1070	13069482	2010 CenterPoint Electric IT Projects	2014
38	2010	S/156200/CP/HED043	PowerDB	1070	13069482	2010 CenterPoint Electric IT Projects	2014
39	2010	S/156200/CP/HED047	Oasis System Enhancements	1070	13069482	2010 CenterPoint Electric IT Projects	2014
40	2010	S/156200/CP/HED047	Oasis System Enhancements	1070	13069482	2010 CenterPoint Electric IT Projects	2014
41	2010	S/156200/CP/HED054	Lighthouse Project	1070	13064942	2009 CenterPoint Electric IT Projects	2014
42	2010	S/156200/CP/HED062	LD Pro Update	1070	13069482	2010 CenterPoint Electric IT Projects	2014
43	2010	S/156200/CP/HED062	LD Pro Update	1070	13069482	2010 CenterPoint Electric IT Projects	2014
44	2010	S/156200/CP/HED062	LD Pro Update	1070	13069482	2010 CenterPoint Electric IT Projects	2014
45	2010	S/156200/CP/HED066	AMS Holding - Capital	1070	13061073	2008 CenterPoint Electric IT Projects	2009
46	2010	S/156200/CP/HED071	AMS - Pulse Overflow	1070	49809829	Pulse Overflow	2012
47	2010	S/156200/CP/HED071	AMS - Pulse Overflow	1070	49809829	Pulse Overflow	2012

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48	2010	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2010
49	2010	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2010
50	2010	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2010
51	2010	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2010
52	2010	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2010
53	2010	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2010
54	2010	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2010
55	2010	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2010
56	2010	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2010
57	2010	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2010
58	2010	S/156200/CP/HED076	HAN/System mods	1070	49809834	HAN/System Mods	2010
59	2010	S/156200/CP/HED077	Communications Network Services - ECDC	1070	49809835	Communications Network Services - ECDC	2011
60	2010	S/156200/CP/HED077	Communications Network Services - ECDC	1070	49809835	Communications Network Services - ECDC	2011
61	2010	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2010
62	2010	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2010
63	2010	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2010
64	2010	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2010
65	2010	S/156200/CP/HED081	Environmental Tracking - Cap	1070	13069482	2010 CenterPoint Electric IT Projects	2014
66	2010	S/156200/CP/HED082	Replatform Engineering Reports	1070	13069482	2010 CenterPoint Electric IT Projects	2014
67	2010	S/156200/CP/HED082	Replatform Engineering Reports	1070	13069482	2010 CenterPoint Electric IT Projects	2014
68	2010	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13069482	2010 CenterPoint Electric IT Projects	2014
69	2010	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13069482	2010 CenterPoint Electric IT Projects	2014
70	2010	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
71	2010	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
72	2010	S/156200/CP/HED100	AMS Firewall Upgrade	1070	49809830	IOSS	2010
73	2011	156101	FM CORP RE & FM DIR	1070	57059827	Ice Machines CAP 2011	2013
74	2011	156101	FM CORP RE & FM DIR	1070	57060187	S. Houston CAP 2011 - oil tank storage	2012
75	2011	156102	FM PROJECT MANAGMENT	1070	13075033	Dist Dispatching-Purchase New Furniture	2013
76	2011	156102	FM PROJECT MANAGMENT	1070	56720366	Greenspoint CAP 2011 - mud connection	2013
77	2011	156102	FM PROJECT MANAGMENT	1070	56720376	Cypress CAP 2011 - mud connection	2013
78	2011	156102	FM PROJECT MANAGMENT	1070	57059914	Greenspoint CAP 2011 - property line	2013
79	2011	156102	FM PROJECT MANAGMENT	1070	57060187	S. Houston CAP 2011 - oil tank storage	2012
80	2011	156102	FM PROJECT MANAGMENT	1070	57541337	ERECT AWNING AT SOHO FACILITY	2012
81	2011	156226	Customer Solutions	1070	53718171	VOICE & MOBILE DATA RADIO SYSTEM	2012
82	2011	11032781	CLSD Legal to New HP Campus	1070	52648414	HP CAMPUS - SURVEY AND LOCATING	2012
83	2011	11032781	CLSD Legal to New HP Campus	1070	52648414	HP CAMPUS - SURVEY AND LOCATING	2012
84	2011	11033003	PPM- ECDC RTO Control Rm Rehab- 56564247	1070	52804219	2010 REDE Critical Infrastructure Replac	2011
85	2011	11033003	PPM- ECDC RTO Control Rm Rehab- 56564247	1070	56564247	2011 REDE Critical Infrastructure Replac	2012
86	2011	11033025	CLSD Legal to Leveridge Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012
87	2011	11033025	CLSD Legal to Leveridge Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012
88	2011	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
89	2011	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
90	2011	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
91	2011	11033220	CLSD Legal to Soccer Stadium	1070	54308331	P724 Reloc CK 46A1 Soccer Stad Preconst	2012
92	2011	11033601	CLSD Legal to Willow PVI	1070	56506835	WILLOW-Install Bkrs & Upg Trf Conns PVI	2012
93	2011	11033601	CLSD Legal to Willow PVI	1070	56506835	WILLOW-Install Bkrs & Upg Trf Conns PVI	2012
94	2011	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/0CU)_METRO	2012
95	2011	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/0CU)_METRO	2012

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96	2011	11033768	CLSD Legal to Metro AFUDC	1070	59530381	LEGAL SUPPORT FOR AFUDC ON CPAY PROJECTS	2014
97	2011	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	1070	58766273	P621 Purchase Easement Merfish Property	2016
98	2011	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	1070	58766273	P621 Purchase Easement Merfish Property	2016
99	2011	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
100	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
101	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
102	2011	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
103	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
104	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
105	2011	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
106	2011	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13073881	2011 CenterPoint Electric IT Projects	2013
107	2011	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13073881	2011 CenterPoint Electric IT Projects	2013
108	2011	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13073881	2011 CenterPoint Electric IT Projects	2013
109	2011	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13073881	2011 CenterPoint Electric IT Projects	2013
110	2011	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13073881	2011 CenterPoint Electric IT Projects	2013
111	2011	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13073881	2011 CenterPoint Electric IT Projects	2013
112	2011	S/156200/CP/HED035	PR - MDSI Enhancements	1070	13073881	2011 CenterPoint Electric IT Projects	2013
113	2011	S/156200/CP/HED035	PR - MDSI Enhancements	1070	13073881	2011 CenterPoint Electric IT Projects	2013
114	2011	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13073881	2011 CenterPoint Electric IT Projects	2013
115	2011	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13073881	2011 CenterPoint Electric IT Projects	2013
116	2011	S/156200/CP/HED042	Drawing Management System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
117	2011	S/156200/CP/HED042	Drawing Management System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
118	2011	S/156200/CP/HED042	Drawing Management System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
119	2011	S/156200/CP/HED043	PowerDB	1070	13073881	2011 CenterPoint Electric IT Projects	2013
120	2011	S/156200/CP/HED043	PowerDB	1070	13073881	2011 CenterPoint Electric IT Projects	2013
121	2011	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	13069482	2010 CenterPoint Electric IT Projects	2014
122	2011	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	13069482	2010 CenterPoint Electric IT Projects	2014
123	2011	S/156200/CP/HED047	Oasis System Enhancements	1070	13073881	2011 CenterPoint Electric IT Projects	2013
124	2011	S/156200/CP/HED047	Oasis System Enhancements	1070	13073881	2011 CenterPoint Electric IT Projects	2013
125	2011	S/156200/CP/HED050	Archive Distribution Work Orders	1070	13064942	2009 CenterPoint Electric IT Projects	2014
126	2011	S/156200/CP/HED054	Lighthouse Project	1070	13064942	2009 CenterPoint Electric IT Projects	2014
127	2011	S/156200/CP/HED062	LD Pro Update	1070	13073881	2011 CenterPoint Electric IT Projects	2013
128	2011	S/156200/CP/HED062	LD Pro Update	1070	13073881	2011 CenterPoint Electric IT Projects	2013
129	2011	S/156200/CP/HED062	LD Pro Update	1070	13073881	2011 CenterPoint Electric IT Projects	2013
130	2011	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2011
131	2011	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2011
132	2011	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2011
133	2011	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2011
134	2011	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2011
135	2011	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2011
136	2011	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2011
137	2011	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2011
138	2011	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2011
139	2011	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2011
140	2011	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2011
141	2011	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2011
142	2011	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2011
143	2011	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2011

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144	2011	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2011
145	2011	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2011
146	2011	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2011
147	2011	S/156200/CP/HED082	Replatform Engineering Reports	1070	13073881	2011 CenterPoint Electric IT Projects	2013
148	2011	S/156200/CP/HED082	Replatform Engineering Reports	1070	13073881	2011 CenterPoint Electric IT Projects	2013
149	2011	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
150	2011	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
151	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
152	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
153	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13073881	2011 CenterPoint Electric IT Projects	2013
154	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2011
155	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2011
156	2011	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2011
157	2011	S/156200/CP/HED092	Crew Call Out System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
158	2011	S/156200/CP/HED092	Crew Call Out System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
159	2011	S/156200/CP/HED098	Outage Notification	1070	13073881	2011 CenterPoint Electric IT Projects	2013
160	2011	S/156200/CP/HED098	Outage Notification	1070	13073881	2011 CenterPoint Electric IT Projects	2013
161	2011	S/156200/CP/HED100	AMS Firewall Upgrade	1070	49809830	IOSS	2011
162	2011	S/156200/CP/HED100	AMS Firewall Upgrade	1070	49809830	IOSS	2011
163	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
164	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
165	2011	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
166	2011	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
167	2011	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
168	2011	S/156200/CP/HED106	AMS - TxSet 4.0	1070	56841689	TxSet 4.0	2012
169	2011	S/156200/CP/HED106	AMS - TxSet 4.0	1070	56841689	TxSet 4.0	2012
170	2011	S/156200/CP/HED108	BI Fleet Reporting	1070	13073881	2011 CenterPoint Electric IT Projects	2013
171	2011	S/156200/CP/HED108	BI Fleet Reporting	1070	13073881	2011 CenterPoint Electric IT Projects	2013
172	2011	S/156200/CP/HED110	BI Contractor Alliance Reporting	1070	13073881	2011 CenterPoint Electric IT Projects	2013
173	2011	S/156200/CP/HED110	BI Contractor Alliance Reporting	1070	13073881	2011 CenterPoint Electric IT Projects	2013
174	2012	156101	FM CORP RE & FM DIR	1070	60581127	2012 CAP New Ice Machines	2013
175	2012	156101	FM CORP RE & FM DIR	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
176	2012	156102	FM PROJECT MANAGMENT	1070	13081911	Underground Storage Tank-Install-BTN	2013
177	2012	156102	FM PROJECT MANAGMENT	1070	13081913	Underground Storage Tank-Install-BEL	2013
178	2012	156102	FM PROJECT MANAGMENT	1070	13081915	Underground Storage Tank-Install-GPT	2013
179	2012	156102	FM PROJECT MANAGMENT	1070	13081917	Underground Storage Tank-Install-BPT	2013
180	2012	156102	FM PROJECT MANAGMENT	1070	13081919	Underground Storage Tank-Install-SUG	2013
181	2012	156102	FM PROJECT MANAGMENT	1070	13081921	Underground Storage Tank-Install-HOC	2013
182	2012	156102	FM PROJECT MANAGMENT	1070	56720366	Greenspoint CAP 2011 - mud connection	2013
183	2012	156102	FM PROJECT MANAGMENT	1070	56720376	Cypress CAP 2011 - mud connection	2013
184	2012	156102	FM PROJECT MANAGMENT	1070	57060187	S Houston CAP 2011 - oil tank storage	2012
185	2012	156102	FM PROJECT MANAGMENT	1070	57541337	ERECT AWNING AT SOHO FACILITY	2012
186	2012	156102	FM PROJECT MANAGMENT	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
187	2012	156102	FM PROJECT MANAGMENT	1070	61140670	2012 Battery Replacement	2014
188	2012	156102	FM PROJECT MANAGMENT	1070	63124291	2012 Repurpose Bldg F Transmission Oper	2014
189	2012	156102	FM PROJECT MANAGMENT	1070	63315842	2012 Cap Humble Performance Shop Remodel	2013
190	2012	11033025	CLSD Legal to Leverage Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012
191	2012	11033025	CLSD Legal to Leverage Easement	1070	54647599	LEVERIDGE PROPERTY - PURCHASE NEW EASEME	2012

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192	2012	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
193	2012	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
194	2012	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
195	2012	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/0CU)_METRO	2012
196	2012	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/0CU)_METRO	2012
197	2012	11033768	CLSD Legal to Metro AFUDC	1070	59530381	LEGAL SUPPORT FOR AFUDC ON CPAY PROJECTS	2014
198	2012	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	1070	58766273	P621 Purchase Easement Merfish Property	2016
199	2012	11033822	CLSLD Legal to Purchase Esmt Merfish-CAP	1070	58766273	P621 Purchase Easement Merfish Property	2016
200	2012	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
201	2012	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
202	2012	11033960	CLSD Legal to Lawndale Acquisition - CAP	1070	57811214	PNO 163-11-0115	2013
203	2012	11033960	CLSD Legal to Lawndale Acquisition - CAP	1070	57811214	PNO 163-11-0115	2013
204	2012	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2018
205	2012	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2018
206	2012	11034463	CLSD Legal to Silvercrest Project - CAP	1070	63026063	SDUG_SILVER CREST	2014
207	2012	11034463	CLSD Legal to Silvercrest Project - CAP	1070	63026063	SDUG_SILVER CREST	2014
208	2012	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
209	2012	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
210	2012	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
211	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
212	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
213	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
214	2012	S/156200/CP/ENTD058	CVP/CRM MASTER	1070	13077632	2012 CenterPoint Electric IT Projects	2014
215	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	13077632	2012 CenterPoint Electric IT Projects	2014
216	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	13077632	2012 CenterPoint Electric IT Projects	2014
217	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	13077632	2012 CenterPoint Electric IT Projects	2014
218	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	13077632	2012 CenterPoint Electric IT Projects	2014
219	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	13077632	2012 CenterPoint Electric IT Projects	2014
220	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	13077632	2012 CenterPoint Electric IT Projects	2014
221	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	13077632	2012 CenterPoint Electric IT Projects	2014
222	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	13077632	2012 CenterPoint Electric IT Projects	2014
223	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	13077632	2012 CenterPoint Electric IT Projects	2014
224	2012	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	13077632	2012 CenterPoint Electric IT Projects	2014
225	2012	S/156200/CP/ENTD066	CHaRT Design	1070	13077632	2012 CenterPoint Electric IT Projects	2014
226	2012	S/156200/CP/ENTD066	CHaRT Design	1070	13077632	2012 CenterPoint Electric IT Projects	2014
227	2012	S/156200/CP/ENTD070	Executive Portfolio Dashboard	1070	13077632	2012 CenterPoint Electric IT Projects	2014
228	2012	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	13077632	2012 CenterPoint Electric IT Projects	2014
229	2012	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	13077632	2012 CenterPoint Electric IT Projects	2014
230	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13077632	2012 CenterPoint Electric IT Projects	2014
231	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13077632	2012 CenterPoint Electric IT Projects	2014
232	2012	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13077632	2012 CenterPoint Electric IT Projects	2014
233	2012	S/156200/CP/HEBM004	AMS Business Resilience	1070	49809830	IOSS	2012
234	2012	S/156200/CP/HEBM004	AMS Business Resilience	1070	49809830	IOSS	2012
235	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
236	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
237	2012	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
238	2012	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13077632	2012 CenterPoint Electric IT Projects	2014
239	2012	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13077632	2012 CenterPoint Electric IT Projects	2014

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240	2012	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13077632	2012 CenterPoint Electric IT Projects	2014
241	2012	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13077632	2012 CenterPoint Electric IT Projects	2014
242	2012	S/156200/CP/HED041	SAP Time Keeping/Duet	1070	13073881	2011 CenterPoint Electric IT Projects	2013
243	2012	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	13077632	2012 CenterPoint Electric IT Projects	2014
244	2012	S/156200/CP/HED062	LD Pro Update	1070	13077632	2012 CenterPoint Electric IT Projects	2014
245	2012	S/156200/CP/HED062	LD Pro Update	1070	13077632	2012 CenterPoint Electric IT Projects	2014
246	2012	S/156200/CP/HED062	LD Pro Update	1070	13077632	2012 CenterPoint Electric IT Projects	2014
247	2012	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2012
248	2012	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2012
249	2012	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2012
250	2012	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2012
251	2012	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2012
252	2012	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2012
253	2012	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2012
254	2012	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2012
255	2012	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2012
256	2012	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2012
257	2012	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2012
258	2012	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2012
259	2012	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2012
260	2012	S/156200/CP/HED080	Smart Meter TX Portal & Rep (AMS)	1070	49809838	ERCOT 15 Minute Settlement	2012
261	2012	S/156200/CP/HED082	Replatform Engineering Reports	1070	13077632	2012 CenterPoint Electric IT Projects	2014
262	2012	S/156200/CP/HED082	Replatform Engineering Reports	1070	13077632	2012 CenterPoint Electric IT Projects	2014
263	2012	S/156200/CP/HED082	Replatform Engineering Reports	1070	13077632	2012 CenterPoint Electric IT Projects	2014
264	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
265	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
266	2012	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
267	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
268	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
269	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13077632	2012 CenterPoint Electric IT Projects	2014
270	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2012
271	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2012
272	2012	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2012
273	2012	S/156200/CP/HED092	Crew Call Out System	1070	13073881	2011 CenterPoint Electric IT Projects	2013
274	2012	S/156200/CP/HED092	Crew Call Out System	1070	13077632	2012 CenterPoint Electric IT Projects	2014
275	2012	S/156200/CP/HED095	Asset Management for CEHE	1070	13073881	2011 CenterPoint Electric IT Projects	2013
276	2012	S/156200/CP/HED098	Outage Notification	1070	13077632	2012 CenterPoint Electric IT Projects	2014
277	2012	S/156200/CP/HED098	Outage Notification	1070	13077632	2012 CenterPoint Electric IT Projects	2014
278	2012	S/156200/CP/HED100	AMS Firewall Upgrade	1070	49809830	IOSS	2012
279	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
280	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
281	2012	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
282	2012	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
283	2012	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2015
284	2012	S/156200/CP/HED106	AMS - TxSet 4.0	1070	56841689	TxSet 4.0	2012
285	2012	S/156200/CP/HED106	AMS - TxSet 4.0	1070	56841689	TxSet 4.0	2012
286	2012	S/156200/CP/HED108	BI Fleet Reporting	1070	13073881	2011 CenterPoint Electric IT Projects	2013
287	2012	S/156200/CP/HED111	File Server Storage Engineering	1070	13077632	2012 CenterPoint Electric IT Projects	2014

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288	2012	S/156200/CP/HED116	Business Transformation Initiatives	1070	13077632	2012 CenterPoint Electric IT Projects	2014
289	2012	S/156200/CP/HED116	Business Transformation Initiatives	1070	13077632	2012 CenterPoint Electric IT Projects	2014
290	2012	S/156200/CP/HED116	Business Transformation Initiatives	1070	13077632	2012 CenterPoint Electric IT Projects	2014
291	2012	S/156200/CP/HED118	IDR Meter Reading	1070	60828422	IDR Meter Replacement	2015
292	2012	S/156200/CP/HED120	Database (AMS)	1070	49809831	SD SOA	2012
293	2012	S/156200/CP/HED120	Database (AMS)	1070	49809831	SD SOA	2012
294	2012	S/156200/CP/HED120	Database (AMS)	1070	49809831	SD SOA	2012
295	2012	S/156200/CP/HED120	Database (AMS)	1070	S/101206/CN/HED07	SD SOA/Database (starting 2011)	2012
296	2012	S/156200/CP/HED123	Checkbox Survey System	1070	60868652	BUCC-GENERAL PREMISE EQUIPMENT	2016
297	2012	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	1070	49809832	SD EAI	2012
298	2012	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	1070	49809832	SD EAI	2012
299	2012	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2015
300	2012	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2015
301	2012	S/156200/CP/HED128	Investment Prioritization Tool	1070	13077632	2012 CenterPoint Electric IT Projects	2014
302	2012	S/156200/CP/RR1004	AMIN Reliant Cap. - System Functionality	1070	13064942	2009 CenterPoint Electric IT Projects	2014
303	2013	156101	FM CORP RE & FM DIR	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
304	2013	156101	FM CORP RE & FM DIR	1070	63751066	2012 CAP Roof Replacement Building C	2014
305	2013	156101	FM CORP RE & FM DIR	1070	64787825	2013 CAP Ice Machines	2013
306	2013	156101	FM CORP RE & FM DIR	1070	65110891	2013 CAP Cypress Service Center Re-Skin	2014
307	2013	156102	FM PROJECT MANAGMENT	1070	13081911	Underground Storage Tank-Install-BTN	2013
308	2013	156102	FM PROJECT MANAGMENT	1070	13081913	Underground Storage Tank-Install-BEL	2013
309	2013	156102	FM PROJECT MANAGMENT	1070	13081915	Underground Storage Tank-Install-GPT	2013
310	2013	156102	FM PROJECT MANAGMENT	1070	13081917	Underground Storage Tank-Install-BPT	2013
311	2013	156102	FM PROJECT MANAGMENT	1070	13081919	Underground Storage Tank-Install-SUG	2013
312	2013	156102	FM PROJECT MANAGMENT	1070	13081921	Underground Storage Tank-Install-HOC	2013
313	2013	156102	FM PROJECT MANAGMENT	1070	13083692	Underground Storage Tank-Install-FTB	2015
314	2013	156102	FM PROJECT MANAGMENT	1070	13083694	Underground Storage Tank-Install-CYP	2015
315	2013	156102	FM PROJECT MANAGMENT	1070	13083696	Underground Storage Tank-Install-HUM	2015
316	2013	156102	FM PROJECT MANAGMENT	1070	13083698	Underground Storage Tank-Install-KTY	2015
317	2013	156102	FM PROJECT MANAGMENT	1070	13083993	Underground Storage Tank-Install-GAL	2015
318	2013	156102	FM PROJECT MANAGMENT	1070	13083995	UndergroundStorageTankInstall-Building C	2015
319	2013	156102	FM PROJECT MANAGMENT	1070	13083999	Underground Storage Tank-Install-ECDC	2015
320	2013	156102	FM PROJECT MANAGMENT	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
321	2013	156160	SEC SECURITY DIR	1070	63708047	2012 CAP AOC Security System	2015
322	2013	156226	Customer Solutions	1070	64720531	ADS New Projects 2013	2016
323	2013	159057	Fleet Support	1070	65487468	7616 PURCHASE HOUSTON ELECTRIC 2013	2015
324	2013	159057	Fleet Support	1070	65777159	2116 PURCHASE HOUSTON ELECTRIC 2013	2015
325	2013	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
326	2013	11033103	CLSD Legal to Springwoods Project	1070	S/101320/CE/XE11-3	Transm System Betterment (start Nov01)	2014
327	2013	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/OCU)_METRO	2012
328	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
329	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
330	2013	11033881	CLSD Legal to CEHE Damaged Barge - Def	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
331	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
332	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
333	2013	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
334	2013	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
335	2013	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015

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336	2013	11035063	CLSD Legal to RT10_300%_12_WR11_BuildApp	1070	63721046	RT10_300%_12_WR11_BuildApprox4800' 600MC	2013
337	2013	11035101	CLSD Legal to Fry Road Substation - CAP	1070	64229775	KLEIN -Install 8th & 9th FDRS PV1	2014
338	2013	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
339	2013	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
340	2013	13083222	2013 SAP Fixed Asset Enhancement	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
341	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
342	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
343	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
344	2013	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
345	2013	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	64413342	UCC-VoIP Implementation	2015
346	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
347	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
348	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
349	2013	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
350	2013	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
351	2013	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
352	2013	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
353	2013	S/156200/CP/ENTD044-GS-B	Mobile Data Ventyx R9 Upgrade - GIS- Bus	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
354	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	64412996	CRM Project	2014
355	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	64412996	CRM Project	2014
356	2013	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	64412996	CRM Project	2014
357	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	1070	64412996	CRM Project	2014
358	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	1070	64412996	CRM Project	2014
359	2013	S/156200/CP/ENTD058-BP-B	CVP/CRM Blueprinting- Business	1070	64412996	CRM Project	2014
360	2013	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	1070	64412996	CRM Project	2014
361	2013	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	1070	64412996	CRM Project	2014
362	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	64412996	CRM Project	2014
363	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	64412996	CRM Project	2014
364	2013	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	64412996	CRM Project	2014
365	2013	S/156200/CP/ENTD058-CH-B	CVP/CRM CHaRT- Business	1070	64412996	CRM Project	2014
366	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbridge-IT	1070	64412996	CRM Project	2014
367	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbridge-IT	1070	64412996	CRM Project	2014
368	2013	S/156200/CP/ENTD058-CT	CVP/CRM Centerbrdge-IT	1070	64412996	CRM Project	2014
369	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	1070	64412996	CRM Project	2014
370	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	1070	64412996	CRM Project	2014
371	2013	S/156200/CP/ENTD058-CT-B	CVP/CRM Centerbridge-Business	1070	64412996	CRM Project	2014
372	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	64412996	CRM Project	2014
373	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	64412996	CRM Project	2014
374	2013	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	64412996	CRM Project	2014
375	2013	S/156200/CP/ENTD058-DC-E	CVP/CRM Data Cleansing/Conversion- Elec	1070	64412996	CRM Project	2014
376	2013	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	64412996	CRM Project	2014
377	2013	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	64412996	CRM Project	2014
378	2013	S/156200/CP/ENTD058-MX	CVP/CRM SAP MaxAttention- IT	1070	64412996	CRM Project	2014
379	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
380	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
381	2013	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
382	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
383	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014

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384	2013	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
385	2013	S/156200/CP/ENTD058-RE-E	CVP/CRM Realization- Electric	1070	64412996	CRM Project	2014
386	2013	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	64412996	CRM Project	2014
387	2013	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	64412996	CRM Project	2014
388	2013	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting	1070	64412996	CRM Project	2014
389	2013	S/156200/CP/ENTD064	Customer Vision (CRM)	1070	64412996	CRM Project	2014
390	2013	S/156200/CP/ENTD066	CHaRT Design	1070	66925614	CHaRT Design	2015
391	2013	S/156200/CP/ENTD079	Fuel Force Controllers Project	1070	64413344	Fuel Force Controllers Project	2017
392	2013	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	64412996	CRM Project	2014
393	2013	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	64412996	CRM Project	2014
394	2013	S/156200/CP/ENTD083-B	CVP/CRM PMO Program Admin - Business	1070	64412996	CRM Project	2014
395	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
396	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
397	2013	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
398	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
399	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
400	2013	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
401	2013	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	66709570	CI-Bills Correspondence Integration	2015
402	2013	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	66709570	CI-Bills Correspondence Integration	2015
403	2013	S/156200/CP/ENTD095	CI-CRM & Web Integration	1070	66709575	CI-CRM Web Integration	2015
404	2013	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	1070	66709577	CI-CSR Tool Modifications	2014
405	2013	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	1070	66709577	CI-CSR Tool Modifications	2014
406	2013	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
407	2013	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
408	2013	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
409	2013	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
410	2013	S/156200/CP/FIND017-AL-B	SAP Fixed Assets Fresh Start- Business	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
411	2013	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	64413347	EAI - Elec Ops Support	2017
412	2013	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	64413347	EAI - Elec Ops Support	2017
413	2013	S/156200/CP/HEB008	New STRS Server	1070	64413580	New STRS Server	2014
414	2013	S/156200/CP/HEBM002	TXSet 4.0 - General	1070	13077632	2012 CenterPoint Electric IT Projects	2014
415	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
416	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
417	2013	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	62173228	Outage Enablement	2016
418	2013	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	13084001	AOC Phase I (IT)	2014
419	2013	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	13084001	AOC Phase I (IT)	2014
420	2013	S/156200/CP/HEBM006-NS	AOC Phase I - Network Security	1070	13084001	AOC Phase I (IT)	2014
421	2013	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13084001	AOC Phase I (IT)	2014
422	2013	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13084001	AOC Phase I (IT)	2014
423	2013	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	13084001	AOC Phase I (IT)	2014
424	2013	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	1070	13084001	AOC Phase I (IT)	2014
425	2013	S/156200/CP/HEBM007	Outage Management (AMS) - IT	1070	66402412	Outage Management	2016
426	2013	S/156200/CP/HEBM007-B	Outage Management - Business	1070	66402412	Outage Management	2016
427	2013	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	64412999	Reg required major projects - EMO	2015
428	2013	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	64412999	Reg required major projects - EMO	2015
429	2013	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	64412989	Dereg Regulatory Fin Projects	2015
430	2013	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	64412989	Dereg Regulatory Fin Projects	2015
431	2013	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	66172400	CEHE Energy Efficiency Project Support	2015

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432	2013	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	66172400	CEHE Energy Efficiency Project Support	2015
433	2013	S/156200/CP/HED062	LD Pro Update	1070	66925616	LD Pro Update	2015
434	2013	S/156200/CP/HED062	LD Pro Update	1070	66925616	LD Pro Update	2015
435	2013	S/156200/CP/HED062	LD Pro Update	1070	66925616	LD Pro Update	2015
436	2013	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2009
437	2013	S/156200/CP/HED072	IOSS (AMS)	1070	49809830	IOSS	2009
438	2013	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2009
439	2013	S/156200/CP/HED073	SD SOA (AMS)	1070	49809831	SD SOA	2009
440	2013	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2009
441	2013	S/156200/CP/HED074	SD EAI (AMS)	1070	49809832	SD EAI	2009
442	2013	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2009
443	2013	S/156200/CP/HED075	SD CIS (AMS)	1070	49809833	SD CIS	2009
444	2013	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2009
445	2013	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2009
446	2013	S/156200/CP/HED078	AMS Analytics	1070	49809836	AMS Operations - Tivoli Services	2009
447	2013	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2009
448	2013	S/156200/CP/HED079	AMS Operations - NOC	1070	49809837	AMS Operations - NOC	2009
449	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
450	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
451	2013	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
452	2013	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
453	2013	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
454	2013	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
455	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2009
456	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2009
457	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	49809832	SD EAI	2009
458	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
459	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
460	2013	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
461	2013	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
462	2013	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
463	2013	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
464	2013	S/156200/CP/HED098	Outage Notification	1070	64351148	Outage Notification	2015
465	2013	S/156200/CP/HED098	Outage Notification	1070	64351148	Outage Notification	2015
466	2013	S/156200/CP/HED098	Outage Notification	1070	64351148	Outage Notification	2015
467	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
468	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
469	2013	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
470	2013	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
471	2013	S/156200/CP/HED106	AMS - TxSet 4.0	1070	56841689	TxSet 4 0	2012
472	2013	S/156200/CP/HED116	Business Transformation Initiatives	1070	66172416	BT Initiatives - Analytics	2017
473	2013	S/156200/CP/HED116	Business Transformation Initiatives	1070	66172416	BT Initiatives - Analytics	2017
474	2013	S/156200/CP/HED116	Business Transformation Initiatives	1070	66172416	BT Initiatives - Analytics	2017
475	2013	S/156200/CP/HED124	Optim Archiving Implementation (AMS)	1070	49809832	SD EAI	2009
476	2013	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
477	2013	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
478	2013	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
479	2013	S/156200/CP/HED128	Investment Prioritization Tool	1070	64413349	Investment Prioritization Tool	2015

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480	2013	S/156200/CP/HED128	Investment Prioritization Tool	1070	64413349	Investment Prioritization Tool	2015
481	2013	S/156200/CP/HED136	Critical Integration Management Office	1070	65498585	Critical Integration Management Office	2015
482	2013	S/156200/CP/HED154	CI-Outage Interaction Services	1070	66709583	CI-Outage Interaction Services	2015
483	2013	S/156200/CP/HED161	Fleet Management - IT	1070	67021283	Fleet Management System	2015
484	2013	S/156200/CP/HED161	Fleet Management - IT	1070	67021283	Fleet Management System	2015
485	2013	S/156200/CP/HED161-B	Fleet Management - Business	1070	67021283	Fleet Management System	2015
486	2013	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
487	2013	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
488	2013	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
489	2013	S/156200/CP/HED162-B	Active Risk Management - Business	1070	67474315	Active Risk Management	2015
490	2014	125039	Bank Reconciliation	1070	13000027	COH-SUBSTATION PLANT	2014
491	2014	125039	Bank Reconciliation	1070	13000028	COH-TRANSMISSION PLANT	2014
492	2014	125039	Bank Reconciliation	1070	13000300	COH-DISTRIBUTION PLANT	2014
493	2014	125104	Property Accounting	1070	13000027	COH-SUBSTATION PLANT	2014
494	2014	125104	Property Accounting	1070	13000028	COH-TRANSMISSION PLANT	2014
495	2014	125104	Property Accounting	1070	13000300	COH-DISTRIBUTION PLANT	2014
496	2014	156101	FM CORP RE & FM DIR	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
497	2014	156101	FM CORP RE & FM DIR	1070	68305826	2014 Cap Ice Machine Equipment Purchase	2015
498	2014	156101	FM CORP RE & FM DIR	1070	69660882	2014 Elec Cap So Houston Replace Meter L	2015
499	2014	156101	FM CORP RE & FM DIR	1070	70352516	2014 Elec Cap Addicks Operation Center P	2015
500	2014	156101	FM CORP RE & FM DIR	1070	71271319	2014 Elec Cap Greenspoint Office Bldg Ro	2015
501	2014	156102	FM PROJECT MANAGEMENT	1070	13083692	Underground Storage Tank-Install-FTB	2015
502	2014	156102	FM PROJECT MANAGEMENT	1070	13083696	Underground Storage Tank-Install-HUM	2015
503	2014	156102	FM PROJECT MANAGEMENT	1070	13083698	Underground Storage Tank-Install-KTY	2015
504	2014	156102	FM PROJECT MANAGEMENT	1070	13083993	Underground Storage Tank-Install-GAL	2015
505	2014	156102	FM PROJECT MANAGEMENT	1070	13083995	UndergroundStorageTankInstall-Building C	2015
506	2014	156102	FM PROJECT MANAGEMENT	1070	13083999	Underground Storage Tank-Install-ECDC	2015
507	2014	156102	FM PROJECT MANAGEMENT	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
508	2014	156102	FM PROJECT MANAGEMENT	1070	68710465	2014 Cap AOC Phase I Furniture	2014
509	2014	156102	FM PROJECT MANAGEMENT	1070	70352516	2014 Elec Cap Addicks Operation Center P	2015
510	2014	156103	FM PROJECT SUPPORT	1070	60686570	BUCC FM BLDG DESIGN & CONSTR. CAP	2014
511	2014	156103	FM PROJECT SUPPORT	1070	70352516	2014 Elec Cap Addicks Operation Center P	2015
512	2014	156103	FM PROJECT SUPPORT	1070	70417119	2014 Ele Cap AOC Phase I Furniture	2014
513	2014	156160	SEC SECURITY DIR	1070	68743399	2014 Cap AOC Security Charges	2015
514	2014	156221	PMO Management	1070	68141845	Mobile Data WiFi 4G Pilot	2014
515	2014	156225	Archit/Tech Risk	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
516	2014	156226	Customer Solutions	1070	61824546	CAT3 Sys Devel & Implement	2017
517	2014	159033	Houston Call Center	1070	70581715	CUST_14_BAR41_3601 HIGHWAY 6 S_ALDI	2014
518	2014	159033	Houston Call Center	1070	70594968	FUW_OSR_1201421901570_TP_S66U_TERM_P2	2014
519	2014	11033766	CLSD Legal to Entex Metro Project - CAP	1070	55585873	FDR_1990(3-2/OCU)_METRO	2012
520	2014	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
521	2014	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
522	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	1070	65352134	P864 Preconstruction Order	2017
523	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	1070	65352134	P864 Preconstruction Order	2017
524	2014	11034335	CLSD Legal to Zenith - Franz CCN - CAP	1070	65352134	P864 Preconstruction Order	2017
525	2014	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
526	2014	11034663	Legal to Grand Parkway - CAP	1070	63749176	LEGAL SUPPORT FOR GRAND PKWY	2015
527	2014	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017

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528	2014	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
529	2014	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
530	2014	11035623	CLSD Legal to P847-1 Mont Belvieu Ves Mv	1070	65955884	P847-1 - Mont Belvieu Vessel Move Ckt #s	2015
531	2014	11035623	CLSD Legal to P847-1 Mont Belvieu Ves Mv	1070	65955884	P847-1 - Mont Belvieu Vessel Move Ckt #s	2015
532	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
533	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
534	2014	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2015
535	2014	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	64413342	UCC-VoIP Implementation	2015
536	2014	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	64413342	UCC-VoIP Implementation	2015
537	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
538	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
539	2014	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
540	2014	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
541	2014	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
542	2014	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
543	2014	S/156200/CP/ENTD044-GS	Mobile Data Ventyx R9 Upgrade - GIS	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
544	2014	S/156200/CP/ENTD058-BP	CVP/CRM Blueprinting- IT	1070	64412996	CRM Project	2014
545	2014	S/156200/CP/ENTD058-BP-E	CVP/CRM Blueprinting- Electric	1070	64412996	CRM Project	2014
546	2014	S/156200/CP/ENTD058-CH-B	CVP/CRM CHaRT- Business	1070	64412996	CRM Project	2014
547	2014	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	64412996	CRM Project	2014
548	2014	S/156200/CP/ENTD058-DC	CVP/CRM Data Cleansing/Conversion- IT	1070	64412996	CRM Project	2014
549	2014	S/156200/CP/ENTD058-DC-E	CVP/CRM Data Cleansing/Conversion- Elec	1070	64412996	CRM Project	2014
550	2014	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	64412996	CRM Project	2014
551	2014	S/156200/CP/ENTD058-IN	CVP/CRM Infrastructure- IT	1070	64412996	CRM Project	2014
552	2014	S/156200/CP/ENTD058-MX	CVP/CRM SAP MaxAttention- IT	1070	64412996	CRM Project	2014
553	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
554	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
555	2014	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
556	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
557	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
558	2014	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
559	2014	S/156200/CP/ENTD058-RE-E	CVP/CRM Realization- Electric	1070	64412996	CRM Project	2014
560	2014	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure	1070	64412996	CRM Project	2014
561	2014	S/156200/CP/ENTD079	Fuel Force Controllers Project	1070	64413344	Fuel Force Controllers Project	2017
562	2014	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	64412996	CRM Project	2014
563	2014	S/156200/CP/ENTD083	CVP/CRM PMO Program Admin - IT	1070	64412996	CRM Project	2014
564	2014	S/156200/CP/ENTD083-B	CVP/CRM PMO Program Admin - Business	1070	64412996	CRM Project	2014
565	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
566	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
567	2014	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	65926831	Corporate Website Rebuild	2014
568	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
569	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
570	2014	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	65926831	Corporate Website Rebuild	2014
571	2014	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	66709570	CI-Bills Correspondence Integration	2015
572	2014	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	66709570	CI-Bills Correspondence Integration	2015
573	2014	S/156200/CP/ENTD096	CI-CSR Tool Modification for CRM	1070	66709577	CI-CSR Tool Modifications	2014
574	2014	S/156200/CP/ENTD103	SAP Health & Safety	1070	70473896	SAP Health and Safety	2014
575	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013

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576	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
577	2014	S/156200/CP/FIND017	SAP Fixed Assets Fresh Start- IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
578	2014	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
579	2014	S/156200/CP/FIND017-ALA	SAP Fixed Assets Fresh Start- ALA	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
580	2014	S/156200/CP/FIND017-AL-B	SAP Fixed Assets Fresh Start- Business	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
581	2014	S/156200/CP/FIND039	Fixed Asset - IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
582	2014	S/156200/CP/FIND039	Fixed Asset - IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
583	2014	S/156200/CP/FIND039	Fixed Asset - IT	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
584	2014	S/156200/CP/FIND039-B	Fixed Asset - Business	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
585	2014	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	64413347	EAI - Elec Ops Support	2017
586	2014	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	64413347	EAI - Elec Ops Support	2017
587	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	68708030	Order set back to REL status and LOCKED	2017
588	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	68708030	Order set back to REL status and LOCKED	2017
589	2014	S/156200/CP/HEBM005	Outage Enablement (AMS) - IT	1070	68708030	Order set back to REL status and LOCKED	2017
590	2014	S/156200/CP/HEBM005-B	Outage Enablement (AMS)- Business	1070	68708030	Order set back to REL status and LOCKED	2017
591	2014	S/156200/CP/HEBM005-B	Outage Enablement (AMS)- Business	1070	68708030	Order set back to REL status and LOCKED	2017
592	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	13084001	AOC Phase I (IT)	2014
593	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	13084001	AOC Phase I (IT)	2014
594	2014	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	13084001	AOC Phase I (IT)	2014
595	2014	S/156200/CP/HEBM006-DR	AOC Phase I - Disaster Recovery	1070	13084001	AOC Phase I (IT)	2014
596	2014	S/156200/CP/HEBM006-DR	AOC Phase I - Disaster Recovery	1070	13084001	AOC Phase I (IT)	2014
597	2014	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	13084001	AOC Phase I (IT)	2014
598	2014	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	13084001	AOC Phase I (IT)	2014
599	2014	S/156200/CP/HEBM006-NS	AOC Phase I - Network Security	1070	13084001	AOC Phase I (IT)	2014
600	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13084001	AOC Phase I (IT)	2014
601	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13084001	AOC Phase I (IT)	2014
602	2014	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13084001	AOC Phase I (IT)	2014
603	2014	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	13084001	AOC Phase I (IT)	2014
604	2014	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	13084001	AOC Phase I (IT)	2014
605	2014	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	1070	13084001	AOC Phase I (IT)	2014
606	2014	S/156200/CP/HEBM006-TC	AOC Phase I - IT Telecom	1070	13084001	AOC Phase I (IT)	2014
607	2014	S/156200/CP/HEBM007-B	Outage Management - Business	1070	69428524	Outage Management	2017
608	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	64412999	Reg required major projects - EMO	2015
609	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	64412999	Reg required major projects - EMO	2015
610	2014	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	64412999	Reg required major projects - EMO	2015
611	2014	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	64412989	Dereg Regulatory Fin Projects	2015
612	2014	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	64412989	Dereg Regulatory Fin Projects	2015
613	2014	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	66172400	CEHE Energy Efficiency Project Support	2015
614	2014	S/156200/CP/HED045	CEHE Energy Efficiency Project Support	1070	66172400	CEHE Energy Efficiency Project Support	2015
615	2014	S/156200/CP/HED062	LD Pro Update	1070	66925616	LD Pro Update	2015
616	2014	S/156200/CP/HED072	IOSS (AMS)	1070	68707540	IOSS	2014
617	2014	S/156200/CP/HED072	IOSS (AMS)	1070	68707540	IOSS	2014
618	2014	S/156200/CP/HED073	SD SOA (AMS)	1070	68707546	SD SOA	2014
619	2014	S/156200/CP/HED073	SD SOA (AMS)	1070	68707546	SD SOA	2014
620	2014	S/156200/CP/HED074	SD EAI (AMS)	1070	68707548	SD EAI	2014
621	2014	S/156200/CP/HED074	SD EAI (AMS)	1070	68707548	SD EAI	2014
622	2014	S/156200/CP/HED074	SD EAI (AMS)	1070	68707548	SD EAI	2014
623	2014	S/156200/CP/HED075	SD CIS (AMS)	1070	68707811	SD CIS	2014

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624	2014	S/156200/CP/HED075	SD CIS (AMS)	1070	68707811	SD CIS	2014
625	2014	S/156200/CP/HED078	AMS Analytics	1070	68707824	AMS Operations-Tivoli Svcs	2014
626	2014	S/156200/CP/HED078	AMS Analytics	1070	68707824	AMS Operations-Tivoli Svcs	2014
627	2014	S/156200/CP/HED078	AMS Analytics	1070	68707824	AMS Operations-Tivoli Svcs	2014
628	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
629	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
630	2014	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
631	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
632	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
633	2014	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
634	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
635	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
636	2014	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
637	2014	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
638	2014	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
639	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
640	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
641	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	66925621	BM - CEHE EAI Technology Change	2015
642	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	68707548	SD EAI	2014
643	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	68707548	SD EAI	2014
644	2014	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	68707548	SD EAI	2014
645	2014	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
646	2014	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
647	2014	S/156200/CP/HED095	Asset Management for CEHE	1070	64413348	Asset Management for CEHE	2015
648	2014	S/156200/CP/HED095-B	Asset Management for CEHE - Business	1070	64413348	Asset Management for CEHE	2015
649	2014	S/156200/CP/HED098	Outage Notification	1070	64351148	Outage Notification	2015
650	2014	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
651	2014	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	54201829	ADMS FULL DEPLOYMENT - IG	2017
652	2014	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	13090582	HED115-Transformer Yard/PCB Tracking- P&L	2016
653	2014	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	13090582	HED115-Transformer Yard/PCB Tracking- P&L	2016
654	2014	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
655	2014	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
656	2014	S/156200/CP/HED125	ADMS (AMS)	1070	61824546	CAT3 Sys Devel & Implement	2017
657	2014	S/156200/CP/HED126	WiFi 4G Rollout	1070	68640000	Mobile Data WiFi/4G	2014
658	2014	S/156200/CP/HED126	WiFi 4G Rollout	1070	68640000	Mobile Data WiFi/4G	2014
659	2014	S/156200/CP/HED127	Service Center of the Future	1070	13090494	HED127 - Service Center of the Future	2017
660	2014	S/156200/CP/HED128	Investment Prioritization Tool	1070	64413349	Investment Prioritization Tool	2015
661	2014	S/156200/CP/HED128	Investment Prioritization Tool	1070	64413349	Investment Prioritization Tool	2015
662	2014	S/156200/CP/HED128	Investment Prioritization Tool	1070	64413349	Investment Prioritization Tool	2015
663	2014	S/156200/CP/HED129	AMS Analytics & Data Services	1070	69054660	ADS New Projects 2014	2017
664	2014	S/156200/CP/HED129	AMS Analytics & Data Services	1070	69054660	ADS New Projects 2014	2017
665	2014	S/156200/CP/HED133	DDS Enhancements	1070	64413354	DDS Enhancements	2015
666	2014	S/156200/CP/HED133	DDS Enhancements	1070	64413354	DDS Enhancements	2015
667	2014	S/156200/CP/HED136	Critical Integration Management Office	1070	65498585	Critical Integration Management Office	2015
668	2014	S/156200/CP/HED136	Critical Integration Management Office	1070	65498585	Critical Integration Management Office	2015
669	2014	S/156200/CP/HED159	Project Engineering Reporting	1070	68202673	Project Engineering Reporting	2017
670	2014	S/156200/CP/HED159	Project Engineering Reporting	1070	68202673	Project Engineering Reporting	2017
671	2014	S/156200/CP/HED159	Project Engineering Reporting	1070	68202673	Project Engineering Reporting	2017

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672	2014	S/156200/CP/HED161	Fleet Management - IT	1070	67021283	Fleet Management System	2015
673	2014	S/156200/CP/HED161	Fleet Management - IT	1070	67021283	Fleet Management System	2015
674	2014	S/156200/CP/HED161	Fleet Management - IT	1070	67021283	Fleet Management System	2015
675	2014	S/156200/CP/HED161-B	Fleet Management - Business	1070	67021283	Fleet Management System	2015
676	2014	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
677	2014	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
678	2014	S/156200/CP/HED162-B	Active Risk Management - Business	1070	67474315	Active Risk Management	2015
679	2014	S/156200/CP/HED179	CEHE Asset LCA	1070	13090602	HED179 - CEHE Asset LCA	2016
680	2014	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
681	2014	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
682	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
683	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
684	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
685	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
686	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68639565	ADICKS-ADD 3RD & 4TH AOC FDRS - IFDN	2015
687	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68639565	ADICKS-ADD 3RD & 4TH AOC FDRS - IFDN	2015
688	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68639565	ADICKS-ADD 3RD & 4TH AOC FDRS - IFDN	2015
689	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	68639565	ADICKS-ADD 3RD & 4TH AOC FDRS - IFDN	2015
690	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	69421726	ADICKS - FABRICATE PANEL 36 PFAB	2014
691	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	69421726	ADICKS - FABRICATE PANEL 36 PFAB	2014
692	2014	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	69426456	ADICKS-INSTALL 23KV FDRS FOR BUCC R&S	2017
693	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
694	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
695	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68618007	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-R	2014
696	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68618007	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-R	2014
697	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68618431	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-C	2015
698	2014	S/156200/CP/ITD089-CF	AOC Phase II - CEHE Feeder -IT	1070	68618431	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-C	2015
699	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
700	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	68618007	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-R	2014
701	2014	S/156200/CP/ITD089-CF-B	AOC Phase II - CEHE Feeder -Business	1070	68618431	INST 3-2S/1B 3-3000 @ AOC-II (VT0093)-C	2015
702	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
703	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
704	2014	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
705	2014	S/156200/CP/ITD089-CN-B	AOC Phase II - AOC Construction-Business	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
706	2014	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
707	2014	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
708	2014	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
709	2014	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
710	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
711	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
712	2014	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
713	2014	S/156200/CP/ITD089-FM	AOC Phase II - Facility Management	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
714	2014	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
715	2014	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
716	2014	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
717	2014	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
718	2014	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
719	2014	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	68202678	AOC Phase II (IT Backup Data Center)	2015

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720	2014	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
721	2014	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
722	2014	S/156200/CP/ITD089-PM-B	AOC Phase II - Project Mgmt Support -Bus	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
723	2014	S/156200/CP/ITD089-PR-B	AOC Phase II - Purchasing - Business	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
724	2014	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
725	2014	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
726	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	1070	68202687	Enterprise Portfolio Mgmt - Electric	2017
727	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	1070	68202687	Enterprise Portfolio Mgmt - Electric	2017
728	2014	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	1070	68202687	Enterprise Portfolio Mgmt - Electric	2017
729	2014	S/156200/CP/ITD106-E	Enterprise Portfolio Mgmt - Electric	1070	68202687	Enterprise Portfolio Mgmt - Electric	2017
730	2015	125104	Property Accounting	1070	13000027	COH-SUBSTATION PLANT	2015
731	2015	125104	Property Accounting	1070	13000028	COH-TRANSMISSION PLANT	2015
732	2015	125104	Property Accounting	1070	13000300	COH-DISTRIBUTION PLANT	2015
733	2015	125104	Property Accounting	1070	13090049	COH-SUBSTATION PLANT	2015
734	2015	125104	Property Accounting	1070	13090050	COH-TRANSMISSION PLANT	2015
735	2015	125104	Property Accounting	1070	13090051	COH-DISTRIBUTION PLANT	2015
736	2015	156101	FM CORP RE & FM DIR	1070	71482359	2014 Elec Cap S Hou Bldg I New Roof	2016
737	2015	156101	FM CORP RE & FM DIR	1070	72528419	Greenspoint Re-Skin Buildings Elec Cap	2016
738	2015	156101	FM CORP RE & FM DIR	1070	74283663	New Harrisburg Storage Bldg Elec Cap 201	2016
739	2015	156101	FM CORP RE & FM DIR	1070	74283827	Harrisburg New Retroom Addition Elec Cap	2016
740	2015	156101	FM CORP RE & FM DIR	1070	76291372	Humble Garage Roof Replacement Elec Cap	2016
741	2015	156102	FM PROJECT MANAGEMENT	1070	72528419	Greenspoint Re-Skin Buildings Elec Cap	2016
742	2015	156102	FM PROJECT MANAGEMENT	1070	72697046	AOC Phase I Construction 2015	2016
743	2015	156102	FM PROJECT MANAGEMENT	1070	73708312	South Houston Bldg G Equipment Awning/Tr	2016
744	2015	156102	FM PROJECT MANAGEMENT	1070	73923834	AOC Furniture Elec Cap 2015	2015
745	2015	156102	FM PROJECT MANAGEMENT	1070	74283663	New Harrisburg Storage Bldg Elec Cap 201	2016
746	2015	156102	FM PROJECT MANAGEMENT	1070	74283822	New Harrisburg Land Purchase Elec Cap 20	2016
747	2015	156102	FM PROJECT MANAGEMENT	1070	74283827	Harrisburg New Retroom Addition Elec Cap	2016
748	2015	156102	FM PROJECT MANAGEMENT	1070	74622786	Hiram Clarke Utilities Connection to Cit	2016
749	2015	156239	Mkt/Field/Logistics	1070	49809838	ERCOT 15 Minute Settlement	2009
750	2015	156239	Mkt/Field/Logistics	1070	71243353	ERCOT 15 Minute Settlement	2014
751	2015	156261	Bus Tech Support	1070	13089123	2015 Premise Equipment Replacement	2017
752	2015	156265	Technical Operations	1070	64720531	ADS New Projects 2013	2016
753	2015	156266	Operational/Corp Ana	1070	73626310	AMS Full Deployment - MDM EMA 20 Upgrade	2017
754	2015	156283	Network Operations	1070	74283663	New Harrisburg Storage Bldg Elec Cap 201	2016
755	2015	11032723	Legal to IG SGIG Support	1070	74023789	11/17/15 / 11/18/15 12/09/15	2015
756	2015	11033822	CLSD Legal to Purchase Esmt Merfish-CAP	1070	58766273	P621 Purchase Easement Merfish Property	2016
757	2015	11034334	CLSD Legal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
758	2015	11034334	CLSD Legal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
759	2015	11034335	CLSD Legal to Zenith - Franz CCN - CAP	1070	65352134	P864 Preconstruction Order	2017
760	2015	11035167	CLSD Legal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
761	2015	11035167	CLSD Legal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
762	2015	11035167	CLSD Legal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
763	2015	11036707	CLSD Legal to Merfish T-Line Crossing	1070	73626766	P621 Land Purchase Order	2017
764	2015	11036707	CLSD Legal to Merfish T-Line Crossing	1070	73626766	P621 Land Purchase Order	2017
765	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	1070	66450038	P872 Preconstruction Order	2017
766	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	1070	66450038	P872 Preconstruction Order	2017
767	2015	11037101	CLSD Reg to CEHE BVC CCN 2015	1070	66450038	P872 Preconstruction Order	2017

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768	2015	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
769	2015	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
770	2015	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	13090592	HED072-IOSS (AMS)	2016
771	2015	S/156200/CP/ENTBM001	DB2 BW Historical Migration to HANA - IT	1070	13090942	ENTBM001-BW Historical Migration to HANA	2016
772	2015	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-IT	1070	64413342	UCC-VoIP Implementation	2014
773	2015	S/156200/CP/ENTD041-B	CVP VoIP/ CHaRT-Business	1070	64413342	UCC-VoIP Implementation	2014
774	2015	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
775	2015	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
776	2015	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
777	2015	S/156200/CP/ENTD044-B	Mobile Data Ventyx R9 Upgrade - Business	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
778	2015	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
779	2015	S/156200/CP/ENTD044-E	Mobile Data Ventyx R9 Upgrade - Electric	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
780	2015	S/156200/CP/ENTD058-RE	CVP/CRM Realization- IT	1070	64412996	CRM Project	2014
781	2015	S/156200/CP/ENTD058-RE-B	CVP/CRM Realization- Business	1070	64412996	CRM Project	2014
782	2015	S/156200/CP/ENTD086	Corporate Website Rebuild - IT	1070	13090924	ENTD086-Corp Website Rebuild	2016
783	2015	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	13090924	ENTD086-Corp Website Rebuild	2016
784	2015	S/156200/CP/ENTD086-B	Corporate Website Rebuild - Business	1070	13090924	ENTD086-Corp Website Rebuild	2016
785	2015	S/156200/CP/ENTD100	Data Center Modernization - IT	1070	13090642	ENTD100-Data Center Modernization-IT	2016
786	2015	S/156200/CP/ENTD100	Data Center Modernization - IT	1070	13090642	ENTD100-Data Center Modernization-IT	2016
787	2015	S/156200/CP/ENTD103	SAP Health & Safety	1070	13090642	ENTD100-Data Center Modernization-IT	2016
788	2015	S/156200/CP/ENTD114	Fixed Asset - IT	1070	13091182	ALA-ARO Fixed Asset Enhancement	2015
789	2015	S/156200/CP/ENTD114-B	Fixed Asset - Business	1070	13091182	ALA-ARO Fixed Asset Enhancement	2015
790	2015	S/156200/CP/ENTD114-B	Fixed Asset - Business	1070	13091182	ALA-ARO Fixed Asset Enhancement	2015
791	2015	S/156200/CP/ENTD116	Preference Center - IT only	1070	13090943	ENTD116 - Preference Center	2017
792	2015	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
793	2015	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
794	2015	S/156200/CP/ENTD133	Integrity Check	1070	13091502	ENTD133 - Integrity Check	2016
795	2015	S/156200/CP/ENTD138	Web Enhancements	1070	13091822	ENTD138-Web Enhancements	2016
796	2015	S/156200/CP/HEB002	EAI - Elec Ops Support	1070	64413347	EAI - Elec Ops Support	2017
797	2015	S/156200/CP/HEBM006	AOC Phase I (Transmission Control)	1070	13090062	HEBM006-AOC Phase I (IT)	2017
798	2015	S/156200/CP/HEBM006-LN	AOC Phase I - LAN Services	1070	13090062	HEBM006-AOC Phase I (IT)	2017
799	2015	S/156200/CP/HEBM006-NW	AOC Phase I - Network Services	1070	13090062	HEBM006-AOC Phase I (IT)	2017
800	2015	S/156200/CP/HEBM006-PM	AOC Phase I - Project Mgmt Support	1070	13090062	HEBM006-AOC Phase I (IT)	2017
801	2015	S/156200/CP/HEBM008	AMS Analytics - Real Time Mgmt	1070	13090587	HEBM008-Analytics-Real Time Mgmt	2016
802	2015	S/156200/CP/HEBM009	AMS Analytics - Operations	1070	13090588	HEBM009-Analytics-Operations	2016
803	2015	S/156200/CP/HEBM009	AMS Analytics - Operations	1070	13090588	HEBM009-Analytics-Operations	2016
804	2015	S/156200/CP/HED011-S	BM - CIS/BES/TMH Mandated Changes	1070	13090589	HED011-S-BM-CIS/BES/TMH Mandated Chrg	2016
805	2015	S/156200/CP/HED024	BM - Mandated Revenue Changes	1070	13090590	HED024-BM-Mandated Revenue Changes	2016
806	2015	S/156200/CP/HED072	IOSS (AMS)	1070	13090592	HED072-IOSS (AMS)	2016
807	2015	S/156200/CP/HED074	SD EAI (AMS)	1070	13090594	HED074-SD EAI (AMS)	2017
808	2015	S/156200/CP/HED075	SD CIS (AMS)	1070	13090595	HED075-SD CIS (AMS)	2016
809	2015	S/156200/CP/HED084	BES/SWIS/SLAMS to SAP - IT	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
810	2015	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
811	2015	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
812	2015	S/156200/CP/HED084-RE	BES/SWIS/SLAMS to SAP - Realization- IT	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
813	2015	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
814	2015	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
815	2015	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13090594	HED074-SD EAI (AMS)	2017

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816	2015	S/156200/CP/HED090	BM - CEHE EAI Technology Change-IT	1070	13090597	HED090-BM-CEHE EAI Technology Change IT	2016
817	2015	S/156200/CP/HED095	Asset Management for CEHE	1070	13090598	HED095-Asset Management for CEHE	2017
818	2015	S/156200/CP/HED104	Security - Intelligent Grid (IG)	1070	13090599	HED104-Security - IG	2018
819	2015	S/156200/CP/HED105	SDD - Intelligent Grid (IG)	1070	74023789	11/17/15 / 11/18/15 12/09/15	2015
820	2015	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	13090582	HED115-Transformer Yard/PCB Tracking- P&L	2016
821	2015	S/156200/CP/HED125	ADMS (AMS)	1070	13090601	HED125-ADMS Gap Resolution	2016
822	2015	S/156200/CP/HED127	Service Center of the Future	1070	13090494	HED127 - Service Center of the Future	2017
823	2015	S/156200/CP/HED127-BC	SCOTF - Meter Bar Code	1070	13090494	HED127 - Service Center of the Future	2017
824	2015	S/156200/CP/HED127-UM	SCOTF - Unplanned Material Request	1070	13090494	HED127 - Service Center of the Future	2017
825	2015	S/156200/CP/HED128	Investment Prioritization Tool	1070	13090622	HED128-Investment Prioritization Tool	2015
826	2015	S/156200/CP/HED133	DDS Enhancements	1070	13090623	HED133-DDS Enhancements	2017
827	2015	S/156200/CP/HED133-B	DDS Enhancements - Business	1070	13090623	HED133-DDS Enhancements	2017
828	2015	S/156200/CP/HED136	Critical Integration Management Office	1070	13090624	HED136-Critical Integration Mgmt Office	2018
829	2015	S/156200/CP/HED159	Project Engineering Reporting	1070	13090626	HED159-Project Engineering Reporting	2017
830	2015	S/156200/CP/HED161	Fleet Management - IT	1070	13090627	HED161-Fleet Management IT	2015
831	2015	S/156200/CP/HED162	Active Risk Management - IT	1070	67474315	Active Risk Management	2015
832	2015	S/156200/CP/HED178	Mobile Data for Contractors - IT	1070	13090629	HED178-Mobile Data for Contractors-IT	2018
833	2015	S/156200/CP/HED179	CEHE Asset LCA	1070	13090602	HED179 - CEHE Asset LCA	2016
834	2015	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
835	2015	S/156200/CP/ITD089	AOC Phase II (IT Backup Data Center)	1070	68202678	AOC Phase II (IT Backup Data Center)	2015
836	2015	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
837	2015	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
838	2015	S/156200/CP/ITD089-CN-B	AOC Phase II - AOC Construction-Business	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
839	2015	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
840	2015	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
841	2015	S/156200/CP/ITD089-CS	AOC Phase II - Corporate Security	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
842	2015	S/156200/CP/ITD089-DB	AOC Phase II - Database - IT ONLY	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
843	2015	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
844	2015	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
845	2015	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
846	2015	S/156200/CP/ITD089-DS	AOC Phase II - Desktop Services	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
847	2015	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
848	2015	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
849	2015	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
850	2015	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
851	2015	S/156200/CP/ITD089-PM-B	AOC Phase II - Project Mgmt Support -Bus	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
852	2015	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
853	2015	S/156200/CP/ITD089-SD-E	AOC Phase II - IT Applications- Electric	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
854	2015	S/156200/CP/ITD089-TC	AOC Phase II - IT Telecom	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
855	2015	S/156200/CP/ITD106	Enterprise Portfolio Mgmt - IT	1070	68202687	Enterprise Portfolio Mgmt - Electric	2014
856	2015	S/156200/CP/SAPBM-BW	SAP BM Capital Business Warehouse	1070	13090630	SAPBM-Capital	2018
857	2015	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	13090630	SAPBM-Capital	2018
858	2015	S/156200/CP/SAPBM-HR	SAP BM Capital Human Resources	1070	13090630	SAPBM-Capital	2018
859	2016	125104	Property Accounting	1070	13090049	COH-SUBSTATION PLANT	2016
860	2016	125104	Property Accounting	1070	13090050	COH-TRANSMISSION PLANT	2016
861	2016	125104	Property Accounting	1070	13090051	COH-DISTRIBUTION PLANT	2016
862	2016	156101	FM CORP RE & FM DIR	1070	72528419	Greenspoint Re-Skin Buildings Elec Cap	2016
863	2016	156102	FM PROJECT MANAGEMENT	1070	72528419	Greenspoint Re-Skin Buildings Elec Cap	2016

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864	2016	156102	FM PROJECT MANAGMENT	1070	74283663	New Harrisburg Storage Bldg Elec Cap 201	2016
865	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
866	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	62489593	P834 Preconstruction Order	2017
867	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	76309034	P834 Preconstruction Order	2018
868	2016	11034334	CLSDLegal to Oyster Creek CCN-CAP	1070	76309034	P834 Preconstruction Order	2018
869	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
870	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
871	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	66450038	P872 Preconstruction Order	2017
872	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	76323488	P872 Preconstruction Order	2018
873	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	76323488	P872 Preconstruction Order	2018
874	2016	11035167	CLSDLegal to Brazos Vally Connection-CAP	1070	76323488	P872 Preconstruction Order	2018
875	2016	11037101	CLSD Reg to CEHE BVC CCN 2015	1070	66450038	P872 Preconstruction Order	2017
876	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
877	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
878	2016	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
879	2016	S/156200/CP/ENTB001-CP	BR - Computing Plat	1070	13091924	ENTB001-Dual Data Center Environment	2018
880	2016	S/156200/CP/ENTB001-DC	BR - Management	1070	13091924	ENTB001-Dual Data Center Environment	2018
881	2016	S/156200/CP/ENTB001-DC	BR - Management	1070	13091924	ENTB001-Dual Data Center Environment	2018
882	2016	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	13091909	ENTB005 - Oracle Fusion	2018
883	2016	S/156200/CP/ENTB006	MAO Optimization	1070	13092802	ENTB006 - MAO Optimization	2018
884	2016	S/156200/CP/ENTB009	Fusion 11 7 Upgrade	1070	13092562	ENTB009 - Fusion 11 7 Upgrade	2018
885	2016	S/156200/CP/ENTBM001	DB2 BW Historical Migration to HANA - IT	1070	13090942	ENTBM001-BW Historical Migration to HANA	2016
886	2016	S/156200/CP/ENTBM003-TEL	Analytics Real Time Mgmt -BM- Telecomm	1070	13091936	ENTBM003-TEL-Analytics Real Time Mgmt	2017
887	2016	S/156200/CP/ENTBM004-TEL	Analytics Operations BM - Telecomm	1070	13091937	ENTBM004-TEL-Analytics Operations BM	2017
888	2016	S/156200/CP/ENTBM005	HANA- OWP Historical Data	1070	13091931	ENTBM005-HANA OWP Historical Data	2017
889	2016	S/156200/CP/ENTD041	CVP VoIP/ CHaRT-JT	1070	64413342	UCC-VoIP Implementation	2014
890	2016	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade - IT	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
891	2016	S/156200/CP/ENTD058-CH	CVP/CRM CHaRT (Only BCM, Natural)	1070	64412996	CRM Project	2014
892	2016	S/156200/CP/ENTD087	CI-Bills & Corresp Storage & Retrieval	1070	66709570	CI-Bills Correspondence Integration	2015
893	2016	S/156200/CP/ENTD114	Fixed Asset - IT	1070	13091182	ALA-ARO Fixed Asset Enhancement	2015
894	2016	S/156200/CP/ENTD116	Preference Center - IT only	1070	13090943	ENTD116 - Preference Center	2017
895	2016	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
896	2016	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
897	2016	S/156200/CP/ENTD134-OEM	OEM Implementation of Fusion Resiliency	1070	13092102	ENTD134-OEM -Implement. of Fusion Middle	2017
898	2016	S/156200/CP/ENTD135-DL	Data Loss Prevention	1070	13091935	ENTD135-DL-Data Loss Prevention - 2016	2018
899	2016	S/156200/CP/ENTD135-SE	SIEM Expansion	1070	13091934	ENTD135-SE-SIEM Expansion - 2016	2018
900	2016	S/156200/CP/ENTD135-SO	Security Operations Center	1070	13091933	ENTD135-SO-Security Operations Center	2018
901	2016	S/156200/CP/ENTD137-TEL	Analytics Operations Discor - Telecomm	1070	13091939	ENTD137-TEL-Analytics Operations Disc	2017
902	2016	S/156200/CP/ENTDMDSI	MDSI Enhancements - IT	1070	13091911	ENTDMDSI MDSI ENHANCEMENTS	2017
903	2016	S/156200/CP/HEB009-E	AMS Firewall Refresh - Business	1070	13092162	HEB009-E AMS Firewall Refresh	2017
904	2016	S/156200/CP/HEBM008	AMS Analytics - Real Time Mgmt	1070	13090587	HEBM008-Analytics-Real Time Mgmt	2016
905	2016	S/156200/CP/HEBM009	AMS Analytics - Operations	1070	13090588	HEBM009-Analytics-Operations	2016
906	2016	S/156200/CP/HEBM011-S	CIS/BES/TMH Mandated Changes	1070	13091508	HEBM011-S-CIS/BES/TMH Mandated Changes	2018
907	2016	S/156200/CP/HEBM012-EH	eHSM Incident Management	1070	13091925	HEBM012-Environmental Health & Safety	2018
908	2016	S/156200/CP/HEBM013	HANA- C&I REG BM	1070	13091932	HEBM013-HANA-C&I REG BM	2017
909	2016	S/156200/CP/HEBM014	HANA- Netezza Migration	1070	13091940	HEBM014-HANA Netezza Migration	2017
910	2016	S/156200/CP/HEBM014	HANA- Netezza Migration	1070	13091940	HEBM014-HANA Netezza Migration	2017
911	2016	S/156200/CP/HEBM014-B	HANA- Netezza Migration - Business	1070	13091940	HEBM014-HANA Netezza Migration	2017

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912	2016	S/156200/CP/HEBM014-B	HANA- Netezza Migration - Business	1070	13091940	HEBM014-HANA Netezza Migration	2017
913	2016	S/156200/CP/HED002	iTrack- SAP Integration	1070	13091908	HED002-iTrack	2017
914	2016	S/156200/CP/HED072	IOSS (AMS)	1070	13090592	HED072-IOSS (AMS)	2016
915	2016	S/156200/CP/HED074	SD EAI (AMS)	1070	13090594	HED074-SD EAI (AMS)	2017
916	2016	S/156200/CP/HED075	SD CIS (AMS)	1070	13090595	HED075-SD CIS (AMS)	2016
917	2016	S/156200/CP/HED084-B	BES/SWIS/SLAMS to SAP - Business	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
918	2016	S/156200/CP/HED084-RE-B	BES/SWIS/SLAMS to SAP - Realization- Bus	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
919	2016	S/156200/CP/HED095	Asset Management for CEHE	1070	13090598	HED095-Asset Management for CEHE	2017
920	2016	S/156200/CP/HED104	Security - Intelligent Grnd (IG)	1070	13090599	HED104-Security - IG	2018
921	2016	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	13090582	HED115-Transformer Yard/PCB Tracking- P&L	2016
922	2016	S/156200/CP/HED115	Transformer Yard/PCB Tracking-P&L	1070	13090582	HED115-Transformer Yard/PCB Tracking- P&L	2016
923	2016	S/156200/CP/HED125	ADMS (AMS)	1070	13090601	HED125-ADMS Gap Resolution	2016
924	2016	S/156200/CP/HED127	Service Center of the Future	1070	13090494	HED127 - Service Center of the Future	2017
925	2016	S/156200/CP/HED127-UM	SCOTF - Unplanned Material Request	1070	13090494	HED127 - Service Center of the Future	2017
926	2016	S/156200/CP/HED133	DDS Enhancements	1070	13090623	HED133-DDS Enhancements	2017
927	2016	S/156200/CP/HED133-B	DDS Enhancements - Business	1070	13090623	HED133-DDS Enhancements	2017
928	2016	S/156200/CP/HED136	Critical Integration Management Office	1070	13090624	HED136-Critical Integration Mgmt Office	2018
929	2016	S/156200/CP/HED159	Project Engineering Reporting	1070	13090626	HED159-Project Engineering Reporting	2017
930	2016	S/156200/CP/HED178	Mobile Data for Contractors - IT	1070	13090629	HED178-Mobile Data for Contractors-IT	2018
931	2016	S/156200/CP/HED182	HANA- Hardware Expansion	1070	13091941	HED182-HANA Hardware Expansion	2017
932	2016	S/156200/CP/HED183	MDM 7.7 Upgrade Project	1070	73626121	AMS Full Deployment - MDM 7.7 Upgrade Pr	2017
933	2016	S/156200/CP/HED184	MDM EMA 20 Upgrade Project	1070	73626310	AMS Full Deployment - MDM EMA 20 Upgrade	2017
934	2016	S/156200/CP/HED185	MDM Flex Sync Project	1070	73626327	AMS System Modifications - MDM Flex Sync	2017
935	2016	S/156200/CP/HED186	Asset Health URD	1070	13092487	HED186 - Asset Health URD	2018
936	2016	S/156200/CP/HED187	Safety Analytics Reporting	1070	13092582	HED187 - Safety Analytics Reporting	2017
937	2016	S/156200/CP/HED188-IGSD	Asset Mgmt for CEHE-IGSD	1070	13090598	HED095-Asset Management for CEHE	2017
938	2016	S/156200/CP/HED188-RELAY	Asset Mgmt for CEHE-Relay Sys	1070	13090598	HED095-Asset Management for CEHE	2017
939	2016	S/156200/CP/ITD089-BR	AOC Phase II - Business Resiliency	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
940	2016	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
941	2016	S/156200/CP/ITD089-CB	AOC Phase II - CEHE Substation -IT	1070	69426456	ADICKS-INSTALL 23KV FDRS FOR BUCC R&S	2017
942	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
943	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
944	2016	S/156200/CP/ITD089-CN	AOC Phase II - AOC Construction-IT	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
945	2016	S/156200/CP/ITD089-CP	AOC Phase II - UNIX	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
946	2016	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
947	2016	S/156200/CP/ITD089-DR	AOC Phase II - Disaster Recovery	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
948	2016	S/156200/CP/ITD089-DS	AOC Phase II - Desktop Services	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
949	2016	S/156200/CP/ITD089-LN	AOC Phase II - LAN Services	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
950	2016	S/156200/CP/ITD089-NS	AOC Phase II - Network Security	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
951	2016	S/156200/CP/ITD089-NW	AOC Phase II - Network Services	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
952	2016	S/156200/CP/ITD089-PM	AOC Phase II - Project Mgmt Support -IT	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
953	2016	S/156200/CP/ITD089-SD	AOC Phase II - IT Applications	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
954	2016	S/156200/CP/ITD089-TC	AOC Phase II - IT Telecom	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2016
955	2016	S/156200/CP/SAPBM-BW	SAP BM Capital Business Warehouse	1070	13090630	SAPBM-Capital	2018
956	2016	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	13090630	SAPBM-Capital	2018
957	2016	S/156200/CP/SAPBM-HA-LO	SAP BM LOA	1070	13090630	SAPBM-Capital	2018
958	2016	S/156200/CP/SAPBM-HR	SAP BM Capital Human Resources	1070	13090630	SAPBM-Capital	2018
959	2016	S/156200/CP/SAPBM-SS	SAP BM Capital Shared Services	1070	13090630	SAPBM-Capital	2018

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960	2017	125104	Property Accounting	1070	13090049	COH-SUBSTATION PLANT	2017
961	2017	125104	Property Accounting	1070	13090050	COH-TRANSMISSION PLANT	2017
962	2017	125104	Property Accounting	1070	13090051	COH-DISTRIBUTION PLANT	2017
963	2017	125115	ResidentialElec Bill	1070	82792341	AMS IDR	2018
964	2017	125127	Lg Comm& Indus Bill	1070	82792341	AMS IDR	2018
965	2017	156101	FM CORP RE & FM DIR	1070	82160569	SoHo Cmplx Shops Bldg Roof Elec Cap 2017	2018
966	2017	156102	FM PROJECT MANAGMENT	1070	81256640	New parking lot, SOH Bldg F North parkin	2018
967	2017	156102	FM PROJECT MANAGMENT	1070	81355180	HO Clarke Modular Training Bldg Excavati	2018
968	2017	156102	FM PROJECT MANAGMENT	1070	82349297	Sealy Area Restoration 5-23-2017	2018
969	2017	156102	FM PROJECT MANAGMENT	1070	82431068	SOHO Cmplx New Fire Protection Systems C	2017
970	2017	156102	FM PROJECT MANAGMENT	1070	83312692	HOC New Service Center Cap Elec 2017	2018
971	2017	156266	Operational/Corp Ana	1070	82349297	Sealy Area Restoration 5-23-2017	2018
972	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
973	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
974	2017	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
975	2017	S/156200/CP/ENTB001-CP	BR - Computing Plat	1070	13091924	ENTB001-Dual Data Center Environment	2018
976	2017	S/156200/CP/ENTB001-DB	Disaster Recovery - Database	1070	13092904	ENTB001-Dual Data Ctr Environment - 2017	2018
977	2017	S/156200/CP/ENTB001-DC	BR - Management	1070	13091924	ENTB001-Dual Data Center Environment	2018
978	2017	S/156200/CP/ENTB001-DC	BR - Management	1070	13091924	ENTB001-Dual Data Center Environment	2018
979	2017	S/156200/CP/ENTB001-LN	BR - LAN Services	1070	13091924	ENTB001-Dual Data Center Environment	2018
980	2017	S/156200/CP/ENTB001-NW	BR - Network	1070	13092904	ENTB001-Dual Data Ctr Environment - 2017	2018
981	2017	S/156200/CP/ENTB005	Oracle Fusion - Capital	1070	13091909	ENTB005 - Oracle Fusion	2018
982	2017	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	1070	13092562	ENTB009 - Fusion 11.7 Upgrade	2018
983	2017	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	1070	13092562	ENTB009 - Fusion 11.7 Upgrade	2018
984	2017	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	1070	13092562	ENTB009 - Fusion 11.7 Upgrade	2018
985	2017	S/156200/CP/ENTBM005	HANA- OWP Historical Data	1070	13091931	ENTBM005-HANA OWP Historical Data	2017
986	2017	S/156200/CP/ENTD116	Preference Center - IT only	1070	13090943	ENTD116 - Preference Center	2017
987	2017	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
988	2017	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
989	2017	S/156200/CP/ENTD132	MFM Mobius Replacement-IT Only	1070	13091929	ENTD132-MFM Mobius Replacement-IT	2018
990	2017	S/156200/CP/ENTD135-DL	Data Loss Prevention	1070	13091935	ENTD135-DL-Data Loss Prevention - 2016	2018
991	2017	S/156200/CP/ENTD135-SE	SIEM Expansion	1070	13091934	ENTD135-SE-SIEM Expansion - 2016	2018
992	2017	S/156200/CP/ENTD135-SO	Security Operations Center	1070	13091933	ENTD135-SO-Security Operations Center	2018
993	2017	S/156200/CP/ENTD137-TEL	Analytics Operations Discr - Telecomm	1070	13091939	ENTD137-TEL-Analytics Operations Disc	2017
994	2017	S/156200/CP/ENTDMSI	MDSI Enhancements - IT	1070	13091911	ENTDMSI MDSI ENHANCEMENTS	2017
995	2017	S/156200/CP/HEBM011-S	CIS/BES/TMH Mandated Changes	1070	13091508	HEBM011-S-CIS/BES/TMH Mandated Changes	2018
996	2017	S/156200/CP/HEBM012-EH	eHSM Incident Management	1070	13091925	HEBM012-Environmental Health & Safety	2018
997	2017	S/156200/CP/HEBM013	HANA- C&I REG BM	1070	13091932	HEBM013-HANA-C&I REG BM	2017
998	2017	S/156200/CP/HEBM014	HANA- Netezza Migration	1070	13091940	HEBM014-HANA Netezza Migration	2017
999	2017	S/156200/CP/HEBM014-B	HANA- Netezza Migration - Business	1070	13091940	HEBM014-HANA Netezza Migration	2017
1000	2017	S/156200/CP/HEBM015CR	TRM CRIP/ILCA/MIS LOA	1070	13093082	HEBM015CR-TRM CRIP/ILCA/MIS LOA	2018
1001	2017	S/156200/CP/HEBM015CR-B	TRM CRIP/ILCA/MIS LOA-Business	1070	13093082	HEBM015CR-TRM CRIP/ILCA/MIS LOA	2018
1002	2017	S/156200/CP/HED002	iTrack- SAP Integration	1070	13091908	HED002-iTrack	2018
1003	2017	S/156200/CP/HED159	Project Engineering Reporting	1070	13090626	HED159-Project Engineering Reporting	2018
1004	2017	S/156200/CP/HED186	Asset Health URD	1070	13092487	HED186 - Asset Health URD	2018
1005	2017	S/156200/CP/HED188-CAPBK	Asset Mgmt for CEHE-CapacitorBnk	1070	13092882	HED188-Asset Mgmt for CEHE	2018
1006	2017	S/156200/CP/HED188-IGSD	Asset Mgmt for CEHE-IGSD	1070	13092882	HED188-Asset Mgmt for CEHE	2018
1007	2017	S/156200/CP/HED188-RELAY	Asset Mgmt for CEHE-Relay Sys	1070	13092882	HED188-Asset Mgmt for CEHE	2018

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1008	2017	S/156200/CP/HED189	iTrack Phase 3	1070	13092243	HED189-2017 iTrack SAP Integration Phase	2017
1009	2017	S/156200/CP/HEDAMS-ER	eRock Project	1070	82792341	AMS IDR	2018
1010	2017	S/156200/CP/SAPBM-FIN	SAP BM Capital Finance	1070	13090630	SAPBM-Capital	2018
1011	2017	S/156200/CP/SAPBM-HA-LO	SAP BM LOA	1070	13090630	SAPBM-Capital	2018
1012	2017	S/156200/CP/SSBM001	SOC Enhancements	1070	82382941	SOC-VMS PROJECT	2018
1013	2018	125104	Property Accounting	1070	13090049	COH-SUBSTATION PLANT	2018
1014	2018	125104	Property Accounting	1070	13090050	COH-TRANSMISSION PLANT	2018
1015	2018	125104	Property Accounting	1070	13090051	COH-DISTRIBUTION PLANT	2018
1016	2018	156101	FM CORP RE & FM DIR	1070	13093863	Katy Land Purchase	2018
1017	2018	156101	FM CORP RE & FM DIR	1070	82160569	SoHo Cmplx Shops Bldg Roof Elec Cap 2017	2018
1018	2018	156101	FM CORP RE & FM DIR	1070	83312692	HOC New Service Center Cap Elec 2017	2018
1019	2018	156101	FM CORP RE & FM DIR	1070	85225727	SoHo BldgA Roof Replacement Elec Cap 101	2018
1020	2018	156101	FM CORP RE & FM DIR	1070	86023061	SoHo BldgI Replace roof Cap Elec 2018	2018
1021	2018	156101	FM CORP RE & FM DIR	1070	86465088	Katy Electric Paving Cap Elec 2018	2018
1022	2018	156102	FM PROJECT MANAGMENT	1070	82431068	SOHO Cmplx New Fire Protection Systems C	2017
1023	2018	156102	FM PROJECT MANAGMENT	1070	83011432	SoHo Cmplx New Whrse Sprinkler Systm Cap	2018
1024	2018	156102	FM PROJECT MANAGMENT	1070	83312692	HOC New Service Center Cap Elec 2017	2018
1025	2018	156261	Bus Tech Support	1070	13093827	2018 Premise Equipment Replacement	2018
1026	2018	156261	Bus Tech Support	1070	13093828	2018 Capital Mobile Data Computer Replac	2018
1027	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
1028	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
1029	2018	11037380	Legal to Brazos Valley Land/ROW - CAP	1070	75639180	P872 - Brazos Valley Land/ROW	2018
1030	2018	S/156200/CP/ENTB005-SW	Oracle License	1070	13094544	ENTB005-SW - Oracle License	2018
1031	2018	S/156200/CP/ENTB008-TA	2017 Implement Test Automation	1070	13093085	ENTB008-TA-Implement Test Automation	2018
1032	2018	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	1070	13092562	ENTB009 - Fusion 11.7 Upgrade	2018
1033	2018	S/156200/CP/ENTB009-B	Fusion 11.7 Upgrade-B	1070	13092562	ENTB009 - Fusion 11.7 Upgrade	2018
1034	2018	S/156200/CP/ENTBM003R2	QA Repositories for Regulatory Analysis	1070	13093383	ENTBM003R2-QA Repositories for RegAnalys	2018
1035	2018	S/156200/CP/ENTBM006PR	PRD Training Records	1070	13093722	ENTBM006PR - PRD Training Records	2018
1036	2018	S/156200/CP/ENTBM009	Website Enhancements for ADA 2017	1070	13093566	ENTBM009 - Website Enhancements for ADA	2018
1037	2018	S/156200/CP/ENTD116	Preference Center - IT only	1070	13090943	ENTD116 - Preference Center	2017
1038	2018	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
1039	2018	S/156200/CP/ENTD116-B	Preference Center - Business only	1070	13090943	ENTD116 - Preference Center	2017
1040	2018	S/156200/CP/ENTD132	MFM Mobius Replacement-IT Only	1070	13091929	ENTD132-MFM Mobius Replacement-IT	2018
1041	2018	S/156200/CP/ENTDMDSIBR	Service Suite Oracle Database Upgrade	1070	13093384	ENTDMDSIBR-Service Suite Oracle Database	2018
1042	2018	S/156200/CP/ENTDMDSIBR	Service Suite Oracle Database Upgrade	1070	13093384	ENTDMDSIBR-Service Suite Oracle Database	2018
1043	2018	S/156200/CP/HED189	iTrack Phase 3	1070	13092243	HED189-2017 iTrack SAP Integration Phase	2018
1044	2018	S/156200/CP/HED191	Safety Data Collection, Intg & Structures	1070	13093810	HED191-Safety Data Collection, Intg & St	2018
1045	2018	S/156200/CP/HED194	Rosharon Service Center	1070	83312692	HOC New Service Center Cap Elec 2017	2018
1046	2018	S/156200/CP/HEDAMS-DCE	DCE Upgrade	1070	13093563	HEDAMS-DCE - DCE Upgrades	2018
1047	2018	S/156200/CP/SAPBM-SSPI	PI Upgrade	1070	13093363	SAPBM-SSPI - PI Upgrade	2018

Note. Some of the affiliate costs listed above are associated with projects that were funded by the AMS surcharge

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CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-5.2 DISCUSSION OF SIGNIFICANT CAPITAL PROJECTS
TEST YEAR ENDED 12/31/2018
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SPONSOR: M. TOWNSEND

Line No	1 Year	2 Cost Object	3 Cost Object Description	4 Functional Area	5 Company Code (sender)	6 Company Name (sender)	7 Amount	8 FERC to Houston Electric	9 Receiving Cost Object	10 Receiving Cost Object Description	11 Placed in Service
1	2011	11033881	Legal to CEHE Damaged Barge - Def	Legal	0002	CNP Service Company, LLC	1,477,449.90	1070	56230261	P786 Rebuild Xing Twr (Preconstruction)	2013
		Description of services/costs	Provide legal and administrative support for claim related to ship channel transmission tower damage.								
2	2013	11035167	Legal to Brazos Valley Connection - CAP	Legal	0002	CNP Service Company, LLC	4,445,457.36	1070	66450038	P872 Preconstruction Order	2018
		Description of services/costs	Prepare certificate of convenience and necessity and other ERCOT, PUC, and required regulatory filing to support the Brazos Valley Connection project.								
3	2015	11037380	Legal to Brazos Valley Land/ROW - CAP	Legal	0002	CNP Service Company, LLC	1,991,281.24	1070	75639180	P872-Brazos Valley Land/ROW	2018
		Description of services/costs	Provide legal support for land and right of way acquisition and other project oversight, construction, environmental, and legal issues related to the Brazos Valley Connection project.								
4	2016	S/156200/CP/ENTB001	Business Resilience Readiness	Technology Operations	0002	CNP Service Company, LLC	1,456,146.75	1070	13091924	ENTB001-Dual Data Center Environment	2018
		Description of services/costs	Dual data center acquisitions (primarily hardware/building related) for capacity, growth and expansion of the Second Data Center (AOC)								
5	2016	S/156200/CP/ENTB005	Oracle Fusion - Capital	Technology Operations	0002	CNP Service Company, LLC	2,278,550.02	1070	13091909	ENTB005 - Oracle Fusion	2018
		Description of services/costs	Oracle Fusion software license acquisition (Fusion licenses, product upgrades, server refresh)								
6	2015	S/156200/CP/ENTB005	Oracle Fusion - Capital	Technology Operations	0002	CNP Service Company, LLC	988,477.03	1070	13090592	HED072-JOSS (AMS)	2016
		Description of services/costs	Oracle Enterprise License Agreement (ELA) software licenses								
7	2018	S/156200/CP/ENTB005-SW	Oracle License	Technology Operations	0002	CNP Service Company, LLC	1,712,622.45	1070	13094544	ENTB005-SW - Oracle License	2018
		Description of services/costs	Oracle License fees								
8	2016	S/156200/CP/ENTB009	Fusion 11.7 Upgrade	Technology Operations	0002	CNP Service Company, LLC	555,544.99	1070	13092662	ENTB009 - Fusion 11.7 Upgrade	2018
		Description of services/costs	Fusion 11.7 Upgrade, configuration and installation								
9	2013	S/156200/CP/ENTD041	CVP/VOIP/CHaRT - IT	Technology Operations	0002	CNP Service Company, LLC	3,058,395.69	1070	64413342	UCC-VoIP Implementation	2015
		Description of services/costs	Technology Replacement for Customer Service Call Centers; Voice Over IP Implementation; Unified Communications								

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10	2010	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade Description of services/costs: Ventyx software upgrade: Enterprise Mobile Data upgrade for Gas and Electric companies of CNP	Technology Operations	0002	CNP Service Company, LLC	1,003,322.76	1070	13073881	2011 CenterPoint Electric IT Projects	2013
11	2012	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade Description of services/costs: Ventyx software upgrade: Enterprise Mobile Data upgrade for Gas and Electric companies of CNP	Technology Operations	0002	CNP Service Company, LLC	2,097,625.71	1070	13077632	2012 CenterPoint Electric IT Projects	2014
12	2015	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade Description of services/costs: Ventyx software upgrade: Enterprise Mobile Data upgrade for Gas and Electric companies of CNP	Technology Operations	0002	CNP Service Company, LLC	1,085,012.42	1070	13090640	ENTD044-Mobile Data Ventyx R9 Upgrade	2017
13	2013	S/156200/CP/ENTD044	Mobile Data Ventyx R9 Upgrade Description of services/costs: Ventyx software upgrade: Enterprise Mobile Data upgrade for Gas and Electric companies of CNP	Technology Operations	0002	CNP Service Company, LLC	2,279,839.25	1070	66925623	Mobile Data Ventyx R9 Upgrade	2014
14	2013	S/156200/CP/ENTD058	CVP/CRM Description of services/costs: Implementation of SAP Customer Visions Program (CVP)/Customer Relationship Management (CRM) to create a single view of the customer and create operational efficiencies.	Technology Operations	0002	CNP Service Company, LLC	6,885,572.53	1070	64412996	CRM Project	2014
15	2012	S/156200/CP/ENTD062	Customer Vision (CRM) - Infrastructure Description of services/costs: Acquire Infrastructure hardware (Power 7 system and storage) to support Customer Relationship Management (CRM) project initiative	Technology Operations	0002	CNP Service Company, LLC	922,781.66	1070	13077632	2012 CenterPoint Electric IT Projects	2014
16	2012	S/156200/CP/ENTD063	Customer Vision (CRM) - Blueprinting Description of services/costs: Implementation of SAP Customer Visions Program (CVP)/Customer Relationship Management (CRM) to create a single view of the customer and create operational efficiencies.	Technology Operations	0002	CNP Service Company, LLC	966,979.62	1070	13077632	2012 CenterPoint Electric IT Projects	2014
17	2013	S/156200/CP/ENTD086	Corporate Website Rebuild Description of services/costs: Replatform corporate website, mobile enable corporate sites and enhance customer experience for power alert notifications and online customer self service as well as electric customer registration	Technology Operations	0002	CNP Service Company, LLC	6,263,578.88	1070	65926831	Corporate Website Rebuild	2014
18	2015	S/156200/CP/ENTD114	Fixed Asset Description of services/costs: Complete the implementation tasks for the Fixed Asset Retirement Obligation (ARO) and Asset Life Cycle Management (ALC) capabilities	Technology Operations	0002	CNP Service Company, LLC	504,352.02	1070	13091182	ALA-ARO Fixed Asset Enhancement	2015

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Line No.	1 Year	2 Cost Object	3 Cost Object Description	4 Functional Area	5 Company Code (sender)	6 Company Name (sender)	7 Amount	8 FERC to Houston Electric	9 Receiving Cost Object	10 Receiving Cost Object Description	11 Placed in Service
19	2015	S/156200/CP/ENTD116 Description of services/costs	Preference Center The Preference Center is the key component that links together the functionality of all the CVP customer enabling applications driving efficiencies. The Preference Center is the hub that drives proactive communication, allowing for automation to phone, text and email messages about planned or unplanned events.	Technology Operations	0002	CNP Service Company, LLC	2,694,407.63	1070	13090943	ENTD116-Preference Center	2017
20	2017	S/156200/CP/ENTD132 Description of services/costs	MFH Mobius Replacement Replatform of the Mobius application as part of the Mainframe Migration (MFH) decommissioning	Technology Operations	0002	CNP Service Company, LLC	796,809.79	1070	13091929	ENTD132-MFH Mobius Replacement	2018
21	2013	S/156200/CP/FIND017-ALA Description of services/costs	SAP Fixed Assets Fresh Start - ALA Complete the implementation tasks for the Fixed Asset Retirement Obligation (ARO) and Asset Life Cycle Management (ALC) capabilities	Technology Operations	0002	CNP Service Company, LLC	787,179.82	1070	13086286	ALA-ARO Fixed Asset Enhancement	2013
22	2010	S/156200/HEBM001 Description of services/costs	EAI License Conversion Enterprise Application Integration (EAI) licence conversion	Technology Operations	0002	CNP Service Company, LLC	700,000.00	1070	13069482	2010 CenterPoint Electric IT Projects	2014
23	2010	S/156200/HEBM002 Description of services/costs	TXSet 4.0 - General Texas Standard Electronic Transaction (TXSet); SAP changes to Market Track	Technology Operations	0002	CNP Service Company, LLC	931,746.85	1070	13073881	2011 CenterPoint Electric IT Projects	2013
24	2012	S/156200/HEBM002 Description of services/costs	TXSet 4.0 - General Texas Standard Electronic Transaction (TXSet); SAP changes to Market Track	Technology Operations	0002	CNP Service Company, LLC	963,021.61	1070	13077632	2012 CenterPoint Electric IT Projects	2014
25	2010	S/156200/HEBM004 Description of services/costs	AMS Business Resilience Purchase and install necessary infrastructure equipment, telecommunications equipment, software, and contracts so that Advance Metering System (AMS) applications and data can be "mirrored" to a remote disaster recovery site (SunGard in Philadelphia).	Technology Operations	0002	CNP Service Company, LLC	5,622,571.47	1070	49808830	IOSS	2010
26	2012	S/156200/HEBM005 Description of services/costs	Outage Enablement (AMS) - IT Outage Enablement for Advanced Metering System (AMS)	Technology Operations	0002	CNP Service Company, LLC	1,459,693.22	1070	62173228	Outage Enablement	2015
27	2013	S/156200/HEBM006 Description of services/costs	AOC Phase I The Addicks Operation Center (AOC) for Transmission Control Backup requires IT infrastructure in order to communicate internally to CNP Corporate and externally to ERCOT & PUC. Without this infrastructure the Transmission Control Backup Center would be unable to fulfill the regulatory requirement of being active 2 hours after the loss of EC/DC location.	Technology Operations	0002	CNP Service Company, LLC	2,857,875.54	1070	13084001	AOC Phase I (IT)	2014

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28	2015	S/156200/HEBM008	AMS Analytics-Real Time Management Description of services/costs: Create new dashboards and data analytics surrounding information contained in the Operational Data Warehouse and the SAP Business Warehouse. Modifications to enhance data value to support review of new Key Performance Indicators (KPIs).	Technology Operations	0002	CNP Service Company, LLC	2,108,620.50	1070	13090587	HEBM008-Analytics-Real Time Mgmt	2016
29	2015	S/156200/HEBM009	AMS Analytics-Operations Description of services/costs: Activities to become forward compatible with the new ADMS, Planned Upgrade of the MDM and eMA environments, Flex Sync and dashboards for metering and the DCE	Technology Operations	0002	CNP Service Company, LLC	1,894,100.78	1070	13090588	HEBM009-Analytics-Operatopms	2016
30	2016	S/156200/HEBM011-S	CIS/BES/TMH Mandated Changes Description of services/costs: Regulatory required changes tied to market support.	Technology Operations	0002	CNP Service Company, LLC	975,620.21	1070	13091508	HEBM011-S-CIS/BES/TMH Mandated Changes	2018
31	2016	S/156200/HEBM013	HANA-C&I Reg BM Description of services/costs: Software configuration to meet requirements due to Advanced Distribution Management System (ADMS) and Service Suite	Technology Operations	0002	CNP Service Company, LLC	614,845.92	1070	13091932	HEBM013-HANA-C&I Reg BM	2017
32	2016	S/156200/HEBM014	HANA-Netezza Migration Description of services/costs: Netezza software Migration	Technology Operations	0002	CNP Service Company, LLC	4,120,065.95	1070	13091940	HEBM014-HANA Netezza Migration	2017
33	2017	S/156200/HEBM015RMT	TRM-Retail Market Trans Act 2017 Description of services/costs: System configuration/modifications for Retail Market Trans Act 2017	Technology Operations	0002	CNP Service Company, LLC	528,158.53	1070	13093564	HEBM015RMT-TRM-Retail Market Trans Act	2018
34	2016	S/156200/HED002	ITrack - SAP Integration Description of services/costs: Integration between ITrack and SAP	Technology Operations	0002	CNP Service Company, LLC	543,476.39	1070	13091908	HED002-ITrack	2017
35	2010	S/156200/HED011-S	BM-CIS/BES/TMH Mandated Changes Description of services/costs: Regulatory required changes tied to market support for Customer Information System (CIS)/Billing Expert System (BES)/Transaction	Technology Operations	0002	CNP Service Company, LLC	1,505,201.98	1070	13069482	2010 CenterPoint Electric IT Projects	2014
36	2010	S/156200/HED011-S	BM-CIS/BES/TMH Mandated Changes Description of services/costs: Regulatory required changes tied to market support for Customer Information System (CIS)/Billing Expert System (BES)/Transaction	Technology Operations	0002	CNP Service Company, LLC	983,112.06	1070	13073881	2011 CenterPoint Electric IT Projects	2013
37	2012	S/156200/HED011-S	BM-CIS/BES/TMH Mandated Changes Description of services/costs: Regulatory required changes tied to market support for Customer Information System (CIS)/Billing Expert System (BES)/Transaction	Technology Operations	0002	CNP Service Company, LLC	776,687.60	1070	13077632	2012 CenterPoint Electric IT Projects	2014

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38	2013	S/156200/HED011-S	BM-CIS/BES/TMH Mandated Changes Description of services/costs Regulatory required changes tied to market support for Customer Information System (CIS)/Billing Expert System (BES)/Transaction	Technology Operations	0002	CNP Service Company, LLC	4,211,466.03	1070	64412999	Reg required major projects-EMO	2015
39	2015	S/156200/HED011-S	BM-CIS/BES/TMH Mandated Changes Description of services/costs Regulatory required changes tied to market support for Customer Information System (CIS)/Billing Expert System (BES)/Transaction	Technology Operations	0002	CNP Service Company, LLC	1,950,444.61	1070	13090589	HED011-S-BM-CIS/BES/TMH Mandated Changes	2016
40	2010	S/156200/HED072	IOSS(AMS) Description of services/costs Information Technology (IT) security and hardware requirements to support the Advance Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	8,573,211.05	1070	49809830	IOSS	2014
41	2014	S/156200/HED072	IOSS(AMS) Description of services/costs Information Technology (IT) security and hardware requirements to support the Advance Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	2,369,809.42	1070	68707540	IOSS	2014
42	2010	S/156200/HED073	SD SOA (AMS) Description of services/costs Service Oriented Architecture (SOA) design and development to support Advance Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	628,814.61	1070	49809831	SD SOA	2010
43	2015	S/156200/HED074	SD EAI (AMS) Description of services/costs Enterprise Application Integration (EAI) development to support Advanced Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	1,128,479.20	1070	13090594	HED074-SD EAI (AMS)	2017
44	2010	S/156200/HED074	SD EAI (AMS) Description of services/costs Enterprise Application Integration (EAI) development to support Advanced Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	5,159,609.38	1070	49809832	SD EAI	2010
45	2014	S/156200/HED074	SD EAI (AMS) Description of services/costs Enterprise Application Integration (EAI) development to support Advanced Metering System (AMS) program	Technology Operations	0002	CNP Service Company, LLC	1,157,498.86	1070	68707548	SD EAI	2015
46	2010	S/156200/HED075	SD CIS (AMS) Description of services/costs Customer Information System (CIS) development to support AMS program	Technology Operations	0002	CNP Service Company, LLC	1,134,735.55	1070	49809833	SD CIS	2010
47	2010	S/156200/HED078	AMS Analytics Description of services/costs Advanced Metering System implementation	Technology Operations	0002	CNP Service Company, LLC	4,095,018.96	1070	49809836	AMS Operations-Tivoli Svcs	2010
48	2014	S/156200/HED078	AMS Analytics Description of services/costs The eMeter Analytics System is intended to be fed real time with all meter data. Current version is 7.2 and will be upgraded to 7.5	Technology Operations	0002	CNP Service Company, LLC	1,355,099.30	1070	68707824	AMS Operations-Tivoli Svcs	2015
49	2010	S/156200/HED079	AMS Operations - NOC Description of services/costs Purchase of Unix equipment for the Network Operations Center (NOC)	Technology Operations	0002	CNP Service Company, LLC	1,035,848.82	1070	49809837	AMS Operations - NOC	2010

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50	2010	S/156200/HED080	Smart Meter TX Portal & Rep (AMS)	Technology Operations	0002	CNP Service Company, LLC	794,485.16	1070	49809838	ERCOT 15 Minute Settlement	2010
		Description of services/costs: Development of Smart Meter TX Portal for AMS									
51	2013	S/156200/HED084	BES/SWIS/SLAMS to SAP - IT	Technology Operations	0002	CNP Service Company, LLC	14,659,988.11	1070	64412995	BES Conversion to IEE SAP CCS Billing	2015
		Description of services/costs: Billing Expert System (BES) Upgrade to current Oracle Lodestar release									
52	2015	S/156200/HED084	BES/SWIS/SLAMS to SAP - IT	Technology Operations	0002	CNP Service Company, LLC	1,059,549.43	1070	13090596	HED084-BES/SWIS/SLAMS to SAP-IT	2016
		Description of services/costs: Billing Expert System (BES) migration to SAP									
53	2010	S/156200/HED090	BM-CEHE EAI Technology Change-IT	Technology Operations	0002	CNP Service Company, LLC	1,341,539.24	1070	13073881	2011 CenterPoint Electric IT Projects	2013
		Description of services/costs: Technical upgrade of transaction management platform- Enterprise Application Integration (EAI)									
54	2012	S/156200/HED090	BM-CEHE EAI Technology Change-IT	Technology Operations	0002	CNP Service Company, LLC	2,514,603.70	1070	13077632	2012 CenterPoint Electric IT Projects	2014
		Description of services/costs: Technical upgrade of transaction management platform - migrate to Oracle Fusion Middleware									
55	2010	S/156200/HED090	BM-CEHE EAI Technology Change-IT	Technology Operations	0002	CNP Service Company, LLC	5,228,410.35	1070	49809832	SD EAI	2010
		Description of services/costs: Technical upgrade of transaction management platform- Enterprise Application Integration (EAI)									
56	2013	S/156200/HED090	BM-CEHE EAI Technology Change-IT	Technology Operations	0002	CNP Service Company, LLC	1,923,588.01	1070	68925621	BM-CEHE EAI Technology Change	2015
		Description of services/costs: Technical upgrade of transaction management platform- Enterprise Application Integration (EAI)									
57	2011	S/156200/HED104	Security - Intelligent Grid (IG)	Technology Operations	0002	CNP Service Company, LLC	3,253,071.52	1070	54201829	ADMS FULL DEPLOYMENT - IG	2016
		Description of services/costs: Security work to support Intelligent Grid (IG) initiatives, as well as meet Department of Energy (DOE) grant requirements									
58	2011	S/156200/HED105	SDD - Intelligent Grid (IG)	Technology Operations	0002	CNP Service Company, LLC	1,120,214.57	1070	54201829	ADMS FULL DEPLOYMENT - IG	2016
		Description of services/costs: Development of the Intelligent Grid (IG)									
59	2011	S/156200/HED106	AMS - TxSet 4.0	Technology Operations	0002	CNP Service Company, LLC	597,184.51	1070	56841689	TxSet 4.0	2012
		Description of services/costs: Advance Meter System development; TexSet 4.0									
60	2012	S/156200/HED125	ADMS (AMS)	Technology Operations	0002	CNP Service Company, LLC	8,408,584.69	1070	61824546	CAT3 Sys Devel & Implement	2016
		Description of services/costs: Implementation of the Advanced Distribution Management System (ADMS) project with regards to gaps between ADMS and OAS functionality									

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61	2015	S/156200/HED125	ADMS (AMS)	Technology Operations	0002	CNP Service Company, LLC	1,451,143.49	1070	13090601	HED125-ADMS Gap Resolution	2016
		Description of services/costs	Implementation of the ADMS project with regards to gaps between ADMS and Outage Analysis System (OAS) functionality								
62	2013	S/156200/HED136	Critical Integration Management Office	Technology Operations	0002	CNP Service Company, LLC	1,638,807.31	1070	65498585	Critical Integration Management Office	2015
		Description of services/costs	Critical integration and development for electric software applications; Technical integration and design for system implementation as well as								
63	2013	S/156200/HED161	Fleet Management - IT	Technology Operations	0002	CNP Service Company, LLC	1,019,589.48	1070	67021283	Fleet Management System	2015
		Description of services/costs	System configuration to provide fleet with the ability to schedule maintenance								
64	2016	S/156200/HED186	Asset Health URD	Technology Operations	0002	CNP Service Company, LLC	548,693.77	1070	13092487	HED186 - Asset Health URD	2018
		Description of services/costs	iTrack software implementation/enhancement								
65	2017	S/156200/HED189	iTrack Phase 3	Technology Operations	0002	CNP Service Company, LLC	557,424.92	1070	13092243	HED189-2017 iTrack SAP Integration Phase	2018
		Description of services/costs	Integrate iTrack with SAP, the Joint Trench website, and the Customer Preference Center as well as deploy an analytics dashboard to report on								
66	2016	S/156200/ITD089	AOC Phase II (IT Backup Data Center)	Technology Operations	0002	CNP Service Company, LLC	4,823,031.38	1070	13091922	ITD089-AOCPhaseII-IT Backup Data Ctr2016	2017
		Description of services/costs	Information Technology (IT) Backup Data Center to replace SunGard								
67	2015	S/156200/ITD089	AOC Phase II (IT Backup Data Center)	Technology Operations	0002	CNP Service Company, LLC	47,184,538.16	1070	13090638	ITD089-AOC Phase II-IT Backup Data Ctr	2015
		Description of services/costs	Information Technology (IT) Backup Data Center to replace SunGard								
68	2014	S/156200/ITD089	AOC Phase II (IT Backup Data Center)	Technology Operations	0002	CNP Service Company, LLC	37,941,128.29	1070	68202678	AOC Phase II (IT Backup Data Center)	2016
		Description of services/costs	Information Technology (IT) Backup Data Center to replace SunGard								
69	2014	S/156200/ITD106	Enterprise Portfolio Mgmt - IT	Technology Operations	0002	CNP Service Company, LLC	508,698.93	1070	68202687	Enterprise Portfolio Mgmt - Electric	2017
		Description of services/costs	Portfolio Management issues resolution; technical design and/or architecture design work for capital projects								
70	2015	S/156200/SAPBM-BW	SAP BM Capital Business Warehouse	Technology Operations	0002	CNP Service Company, LLC	520,521.21	1070	13090630	SAPBM-Capital	2018
		Description of services/costs	Changes to Business Intelligence (BI) platform including Business Warehouse and Business Objects								

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-6 ADJUSTMENTS TO TEST YEAR EXPENSES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)**

Line No.	1 Affiliate	2 Description	3 Purpose	4 Amount
1	0002 - CNP Service Company, LLC	Labor Only - Competitive Pay Adjustment Non Union	Normalized Salaries at Test Year End with 3% CPA	3,842
2	0002 - CNP Service Company, LLC	Labor Only - Competitive Pay Adjustment Union	Normalized Salaries at Test Year End with 3% CPA	508
3	0002 - CNP Service Company, LLC	Normalize Integration Planning Billings	Normalized Salaries at Test Year End with 3% CPA	1,573
4	0002 - CNP Service Company, LLC	STI - Total Increase to Test Year - Non Union	Normalized Salaries at Test Year End with 3% CPA	260
5	0002 - CNP Service Company, LLC	STI - Total Increase to Test Year - Union	Normalized Salaries at Test Year End with 3% CPA	2
6	0002 - CNP Service Company, LLC	Remove Service Co Storm Related Expenses from Test Year	Remove Storm Expense to CEHE	(167)
7	0062 - CenterPoint Energy Arkla	Labor and Transportation Billings	Remove Erroneous Affiliate Billings to CEHE	(1)
8	0072 - CNP Minnesota Gas	Labor Billings	Remove Erroneous Affiliate Billings to CEHE	(2)
9	0077 - CNP Services, Inc.	Labor Billings	Remove Erroneous Affiliate Billings to CEHE	(1)
10	0082 - CenterPoint Energy Entex	Labor, Transportation, and Professional Services Billings	Remove Erroneous Affiliate Billings to CEHE	19
11	0299 - CenterPoint Energy, Inc.	Administrative Billings	Remove Erroneous CEHE Billings to Affiliates	(33)
12	0413 - CNP Electric Services, LLC	Labor Billings	Remove Erroneous CEHE Billings to Affiliates	5
13	0002 - CNP Service Company, LLC	Employee Expense - Affiliates Allocated to CEHE	Adjust Billing	(853)
14				
15				
16	Total Adjustments to Affiliate Expenses			5,152

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-7 STATUTORY REQUIREMENTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

1	2	3	4	5	6	7
Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
1	Business & Operations Support	Facilities Management	123	Business & Operations Support provides a variety of services, including: (1) Facilities Management provides services related to routine building and facility operations as well as project management services for building design modifications and construction management; (2) Office Support Services provides services necessary to support daily office operations which include mail services, copy center services, and forms design and management; (3) Corporate Travel provides travel-related and offsite-meeting services necessary to support ongoing company operations; (4) Purchasing & Logistics provides purchasing, material logistics, and investment recovery services as well as management oversight to support business unit specific purchasing and logistics operations; (5) Corporate Security provides the investigative services, guard services, and electronic security systems necessary to protect CenterPoint Energy personnel and assets; (6) Land and Field Services provides professional surveying, acquisition and maintenance of rights-of-way and respond to land-related inquiries from CenterPoint Houston, its affiliates, outside businesses, governmental agencies, and the public; (7) Fleet, shop services, and radio communications manages the acquisition and disposition of all vehicles, trailers and power operated equipment services support gas and electric utility operations. Centralized provision of Business & Operations Support provides economies of scale and eliminates overlap and redundancy		Total billings from Business & Operations Support to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Business Support Services billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
2	Business & Operations Support Total	General Business & Operations Support	7,609			
			7,732			
3	Communications	Communications	1,693	Corporate Communications focuses on both external and internal communications, fulfilling its mission through media relations, video production, town hall meetings, corporate emails, the internet, and other communications. Centralized provision of Corporate Communications is reasonable in that it provides economies of scale and eliminates overlap and redundancy.		Total billings from Corporate Communications to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Communications billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
4	Community Relations	Community Relations	6,519	Community Relations is responsible for directing, planning and implementing community outreach and education relations programs, overseeing extensive volunteer initiatives and managing corporate contributions and memberships. The VP of Community Relations along with the community relations staff have areas of responsibility that overlapped the CenterPoint Houston and a gas affiliate. It is reasonable for these services and the related cost to be billed from the CenterPoint Houston to another affiliate.		Total billings from Community Relations to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Community Relations billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
5	Customer Operations	Customer Operations	16,999	Customer Operations within Regulated Operations provides an		Total billings from Customer Operations to each affiliated

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1	2	3	4	5	6	7
Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
				essential interface between CenterPoint Houston, competitive retailers and end-use customers. The services provided by Customer Services help ensure the efficient operation of the retail electric market by providing high levels of customer service, timely and accurate transaction processing, effective communication, and issue resolution. With respect to electric utility service, some of the essential responsibilities of the Call Center function include: (1) responding to customer inquiries regarding connection and disconnection service orders, (2) addressing customer usage disputes; (3) processing orders for meter relocating, electric outages, and downed power lines, and (4) establishing new service locations. Customer Service Representatives are also the first point of contact for reporting system or premise emergencies. Centralized provision of Customer Operations is reasonable in that it provides economies of scale and eliminates overlap and redundancy. See the testimony of Company witness Becky Demarr for more information.		company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Customer Operations billings to the CenterPoint Houston are "no higher than" billings to any other affiliate. Customer Operations costs are allocated based on the total call minutes handled by the call center. Each affiliate gets allocated costs monthly based on their proportionate share of the total monthly call minutes handled by the call center.
6	Data Circuit Management	Data Circuit Management	(551)	Data Circuit Management services are provided to affiliates. These services are necessary for management of data communications circuits and applies to permanent, always-on (non-dial) circuits. Data circuits are specialized communication lines that provide a path for data or voice to move from one fixed location to another fixed location. Such circuits can be very short (to another building or floor within the same complex) or very long (across the city or state to state). Data Circuit Management includes the following: daily production, service management, releases/upgrades (as necessary to maintain vendor support), problem resolution (24x7 response for Severity 1 problems), technical research, access to private communications network, preventive maintenance, vendor management, circuit interconnection to internal distribution, performance tuning		Billings for Data Circuit Management services are based on the actual number of circuits, which is an appropriate cost driver for the various services. CenterPoint Houston is billing its affiliates for a proportionate share of the cost of Data Circuit Management services it provides to those affiliates. These billings are no higher than billings to any other affiliate or division.
7	Distribution Support-GIS	GIS Business Solutions GIS Data Management GIS Land Base Data Management GIS Programming GIS System Administration	(424) (5,129) (240) (780) (2,061)	GIS maintains a computer-based system of databases used to store spatial and non-spatial data about installed gas facilities which are necessary for the safe and reliable operation and maintenance of installed gas facilities. It is reasonable for the cost of these services to be billed to CenterPoint Energy gas operations.		CenterPoint Houston is billing its affiliates for a proportionate share of the cost of GIS services it provides to those affiliates. As a result, CenterPoint Houston's net costs for GIS services correlates to the service performed for the CenterPoint Houston alone. These billings are no higher than billings to any other affiliate or division.
8	Distribution Support-GIS Total		(8,634)			

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Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
9	Distribution Support-Joint Trenching	Joint Trenching	(45)	In addition to the major class and service types listed above, there are minor and/or irregular services between CenterPoint Houston and its affiliates. Some of these types of services included in the test year are (1) CenterPoint Houston Shop Services performed for CenterPoint Energy gas operations, (2) Environmental compliance services billed between the CenterPoint Houston and its affiliates, (3) safety and training services, (4) miscellaneous maintenance, materials and supplies billed between the CenterPoint Houston and its affiliates (5) and trenching activities.	Total billings from these services to each affiliated company, including CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how these billings to CenterPoint Houston are "no higher than" billings to any other affiliate or division	
10	Distribution Support-Line Locating	Line Locating	6,838	Line locating activities within CenterPoint Houston and CenterPoint Energy gas operations fall under centralized management. In some instances, gas operations employees perform line locating services for CenterPoint Houston, which are necessary to achieve operational efficiencies for the Company as a whole. It is reasonable for this service and the related costs to be billed to the CenterPoint Houston.	Line locating services are direct billed to CenterPoint Houston using a per ticket rate that includes all labor, material and allocated management associated with the work. The per ticket rate billed to the CenterPoint Houston is no higher than CenterPoint Energy gas operations internal cost of performing this service and is no higher than billings to any other affiliate or division	
11	Distribution Support-Maintenance	Maintenance	(5)	See Joint Trenching note above	See Joint Trenching note above	
12	Distribution Support-Meters	Meter & House Regulators	(11)	See Joint Trenching note above	See Joint Trenching note above	
13	Distribution Support-Other	Other Services	937	See Joint Trenching note above	See Joint Trenching note above	
14	Distribution Support-Safety & Training	Safety & Training	(1,145)	See Joint Trenching note above	See Joint Trenching note above	
15	Distribution Support-Surveying Services	Surveying Services	(6,154)	Surveying and Right-of-Way and Surveying provides services which are necessary to coordinate projects requiring relocation of gas facilities and responses to land-related inquiries from businesses, governmental agencies, and the public. It is reasonable for these services and the related costs to be billed to the CenterPoint Houston's affiliates.	Surveying and Right-of-Way and Surveying services are direct billed to CenterPoint Houston's affiliates based on actual time incurred using an hourly rate that includes all labor, material and allocated management associated with the work. As a result, the CenterPoint Houston's net costs for Land and Right-of-Way and Surveying services correlates to the services performed for the CenterPoint Houston alone.	
16	Executive Management	Executive Management	3,049	Executive management provides services necessary for the management and governance of the Company, including supplying personnel to serve on the boards of directors and assistance in formulating and executing general plans and policies, including operations, issuance of securities, appointment of executive personnel, budgets and financing plans, expansion of services, acquisitions and dispositions of property, public relations and other related matters. Centralized provision of Executive Management services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.	Total billings from Executive Management to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Executive Management billings to CenterPoint Houston are "no higher than" billings to any other affiliate	

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Line	1 Class / Functional Area	2 Service Category	3 Amount	4 Necessity and Reasonableness of Service/Cost	5 No Higher Than Standard
17	Finance	Finance	31,525	Finance and Treasury provide services necessary for budgeting, corporate tax, risk management (insurance), strategic planning, financing, managing investments, financial systems development and oversight, money pool administration and cash management. The Finance function also facilitates the services necessary for processing payroll, bank reconciliations, accounts payable, check disbursements, escheat processing/reporting, remittance processing and corporate travel. Additionally, Finance provides investor relation services necessary for providing information to the investment community regarding CenterPoint and its subsidiaries. Centralized provision of Finance and Treasury services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.	Total billings from Finance and Treasury to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Finance and Treasury billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
18	Government Affairs	Government Affairs	5,123	Government Affairs provides services necessary to develop strategy for legislative and other governmental initiatives and monitoring activities affecting the Company in the state and federal legislative arenas. Centralized provision of Government Affairs services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.	Total billings from Government Affairs to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Government Affairs billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
19	Human Resources	Human Resources	21,042	Human Resources provides services necessary in developing policy and planning for total compensation plans, workforce planning and training, employee relations policies and programs, and in training personnel in a coordinated manner throughout CenterPoint Energy. Human Resources also provides services necessary for the design and administration of corporate welfare and benefit plans, including pension plans and savings plans, and support for the negotiation of labor contracts. Additionally, Human Resources provides services necessary to ensure health and safety practices comply with government regulations. Centralized provision of Human Resources services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.	Total billings from Human Resources to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Human Resources billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.

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Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
20	Integration Support	Integration Support	(931)	These costs represent internal labor and travel expenses incurred by employees that were substantially reassigned from their normal work to work on integration planning activities. These activities include analysis of legacy processes, identifying changes or activities required on Day 1 of the merger, analysis of the organization design, and other activities related to integrating the two companies		Total billings from Integration Support to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how these billings to the CenterPoint Houston are "no higher than" billings to any other affiliate
21	Legal	Legal	12,882	The Legal Department provides services necessary for CenterPoint and its subsidiaries to maintain compliance with corporate and securities law, employment/benefits law, regulatory law, contract and patent law, to conduct litigation, to provide investigation and evaluation of claims, to manage outside counsel from various firms and to collect receivables for damage to Company property. Centralized provision of Legal services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.		Total billings from Legal to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Legal billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.
22	Meter Reading	Meter Reading	31	To capitalize on operational efficiencies, when needed, CenterPoint Houston meters are read by CenterPoint Energy gas operations. It is reasonable for the proportional cost of these services to be billed to CenterPoint Houston from CenterPoint Energy gas operations.		Meter reading services are direct billed to CenterPoint Houston from CenterPoint Energy gas based upon the number of electric meters read each month. This allocation of costs results in a fair distribution of operational expenses across all meters read, resulting in each business unit paying the same amount per meter read. The amount that CenterPoint Houston pays per meter read is no higher than the amount that gas pays and each business unit benefits proportionally in the overall cost savings resulting from a joint meter reading effort.
23	Pass Through	Pass Through	66,357	Items classified as "Pass Through" represent cost reimbursement transactions between the CenterPoint Houston and its affiliates. No services are performed for this class, merely a dollar for dollar reimbursement for costs incurred by one company on behalf of another company. These cost reimbursements are primarily composed of Pension and Savings expense included in FERC account 9260 which are necessary to reflect the cost of CenterPoint Houston's employee benefits on its income statement		Pass through, or cost reimbursement transactions, are not derived or calculated or otherwise allocated costs. These transactions and the underlying activities relate 100% to CenterPoint Houston, but are initially booked by another company and then billed to CenterPoint Houston

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Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
24	Properties	Building	10,310	The CenterPoint Houston sub-leases space from CenterPoint Service Company in separate prime lease/sub-lease arrangements for the corporate headquarters building and EC/DC, which are necessary to meet administrative and operational needs of the CenterPoint Houston and it's employees. It is reasonable for the cost of these services to be billed to the CenterPoint Houston.		Base rent for each CenterPoint Energy business unit sub-leasing space from CenterPoint Service Company is the same as the base rent charged to CenterPoint Service Company in its prime lease with CenterPoint Energy Properties. As a result, the cost to the CenterPoint Houston is no higher than the cost to any other affiliate.
		Furniture/Equipment	705			
		Other	(87)			
25	Properties Total		10,928			
26	Radio & Communications Support	Radio and Communication Support	(112)	Radio Communications provides services necessary for mobile data communications along with some mobile voice communications. It is reasonable for these services and the related costs to be billed to CenterPoint Houston's affiliates.		Radio & Communications services are billed to CenterPoint Energy gas operations for actual time worked using an hourly billable rate specific to the cost center incurring the charges. The hourly billable rate is used for any labor hours billed outside of that specific cost center. As a result, CenterPoint Houston is billing CenterPoint Energy gas operations for a proportionate share of the cost of Radio & Communications services and CenterPoint Houston's net costs for these services correlates to the service performed for the CenterPoint Houston alone.
27	Regulated Operations	Regulated Operations	5,312	Regulated Operations provides the executive management oversight of CenterPoint Energy's regulated operations. It is reasonable for these services and the related costs to be billed to CenterPoint Houston.		Total billings from Regulated Operations to each affiliated company, including CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Regulated Operations billings to CenterPoint Houston are "no higher than" billings to any other affiliate.
28	Regulated Operations - EST	Environmental, Safety, & Training	663	In addition to the major class and service types listed above, there are minor and/or irregular services between CenterPoint Houston and it's affiliates. Some of these types of services included in the test year are (1) CenterPoint Houston service centers leased to CenterPoint Energy gas operations, (2) CenterPoint Houston Shop Services performed for CenterPoint Energy gas operations, (3) Environmental compliance services performed by CenterPoint Energy gas services for the CenterPoint Houston, and (4) miscellaneous materials and supplies billed between the CenterPoint Houston and its affiliates (5) and trenching activities.		Total billings from Regulated Operations - EST to each affiliated company, including CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how these billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.

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Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
29	Regulatory	Regulatory	9,079	Regulatory provides services for all Regulated Operations (both electric and gas) in order to support the Business Units. Services provided to CenterPoint Energy Houston Electric ("CenterPoint Houston") include: developing regulatory policy and strategy; Rules and Procedures oversight; litigation support; and compliance filings with the regulatory commission (PUC) and other agencies. Regulatory personnel also maintain collaborative relationships with regulators and third parties, including representing CNP interests in interactions with national and regional trade, industry, and professional organizations. Personnel represent CNP's position in regulatory matters before the PUC as the primary liaison. Regulatory personnel prepare and oversee all aspects of a rate case process (work plan, filing package, testimony, discovery, hearing, settlement, implementation of rates) and legislative support process. Personnel also prepare, review, and/or support regulatory filings (tariff filings, annual compliance filings, reports, earnings monitoring and other reports, etc.). Regulatory personnel prepare cost allocation studies, design rates, and maintain tariffs. Costs for Regulatory are billed out to applicable affiliated companies based upon which affiliated company benefitted from the work. Legislative activities are incurred as a shareholder expense.	Total billings from Regulatory to each affiliated company has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Regulatory billings to CenterPoint Houston are not charged at a higher rate than to any other affiliate.	
30	Technology Operations	Other Projects-Capital	42,227	Technology Operations provides services necessary for the efficient and reliable operation and maintenance of the Company's mainframe and related computer systems. These services include: (1) Desktop Data Device, (2) Mainframe CPU Utilization, (3) Data Storage, (4) Distributed Systems, (5) Enterprise Applications Development and Support, (6) Distributed Applications Development and Support, (7) Telephone Services, (8) Telecom Moves/Addrs/Changes, and (9) Admin/Access Security/Corp G&A & Other. Centralized provision of Technology Operations services is reasonable in that it provides economies of scale and eliminates overlap and redundancy.	Total billings from Technology Operations to each affiliated company, including the CenterPoint Houston, has been presented on Schedule V-K-12. The information reported on Schedule V-K-12 demonstrates how Information Technology billings to the CenterPoint Houston are "no higher than" billings to any other affiliate.	
		Other Services	1,495			
		CCS/CIS-IT Service	12,577			
		Control Systems Dist-IT Services	42,503			
		Control Systems Transmission-IT Services	715			
		Metering Systems	9,765			
		Other-IT Service	27,442			
31	Technology Operations Total		136,724			

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Line	Class / Functional Area	Service Category	Amount	Necessity and Reasonableness of Service/Cost		No Higher Than Standard
32	Transmission	Transmission	(3)	See Joint Trenching note above		See Joint Trenching note above
33	Transportation	Fleet Allocation	(1,774)	Fleet Services and Fleet Maintenance provides services necessary for the maintenance and support of fleet vehicles within the Houston area. This includes design and purchase, adequate and timely maintenance and repair and quality assurance and acceptance testing of equipment. Fleet Services maintains equipment information in the enterprise wide database. It is reasonable for these services and the related costs to be billed to the CenterPoint Houston's affiliates utilizing this service.		Fleet Services and Fleet Maintenance costs are billed to CenterPoint Energy gas operations for actual time worked using an hourly billable rate specific to the cost center incurring the charges. The hourly billable rate is used for any labor hours billed outside of that specific cost center. Vehicle fuel costs are charged to each vehicle, based on actual usage. Fleet overheads include all activities associated with owning and maintaining a fleet that cannot be directly assigned to a client through direct maintenance or services rendered. These overhead costs also include the Fleet Support Group and management up to Manager Level. Overheads are controlled through monthly monitoring of planned to actual costs. Fleet overhead costs are assigned to each client based on the client's proportionate share of total expenses incurred for the fleet during the month. As a result, the CenterPoint Houston is billing CenterPoint Energy gas operations for a proportionate share of the cost of Fleet Services and Fleet Maintenance and the CenterPoint Houston's net costs for these services correlates to the service performed for the CenterPoint Houston alone.
		Fleet GPS	(38)			
		Fleet Services	9			
		Other Services	(7)			
34	Transportation Total		(1,810)			
35	Grand Total		323,832			

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Line	Affiliate	Class	FERC Account										
			1070	4081	4190	4265	5600	5611	5612	5613	5614	5615	5617
1	0002 - CenterPoint Energy Service Company, LLC	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	(4)	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	-	-	(4)	-	-	-	-	-	-
		Integration Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	510	-	(130)	(3)	5	-	9	(2)	2	-	-
		Properties	-	-	-	-	(1)	-	-	-	-	-	-
		Technology Operations	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	(3)	-	-	-	-	-	-
2		Total	510	-	(130)	(3)	(7)	-	9	(2)	2	-	-
3	0056 - CNP Properties, Inc	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	(61)	709	-	-	-	-	-	-	-	-	-
4		Total	(61)	709	-	-	-	-	-	-	-	-	-
5	0062 - CenterPoint Energy Arkla	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	-	-	-	-	(1)	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	-	-	(6)	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	-	-	(23)	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	(115)	-	-	-	5	-	-	-	-	-	-
		Transmission	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	(1)	-	-	-	-	-	-
6		Total	(115)	-	-	-	(26)	-	-	-	-	-	-
7	0072 - CNP Minnesota Gas	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	-	-	(9)	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	-	-	(32)	-	-	-	-	-	-
		Pass Through	(54)	-	-	-	-	-	-	-	-	-	-
		Properties	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	-	-	-	-	-	-	-
8		Total	(54)	-	-	-	(41)	-	-	-	-	-	-

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(THOUSANDS OF DOLLARS)			12	13	14	15	16	17	18	19	20	21	22
Line	Affiliate	Class	FERC Account										
			5620	5630	5640	5660	5690	5700	5710	5720	5730	5800	5810
1	0002 - CenterPoint Energy Service Company, LLC	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	(11)	-
		Distribution Support-GIS Programming	(4)	(4)	(4)	-	-	(4)	(7)	(4)	-	(4)	-
		Integration Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	2	2	2	1	-	2	4	2	(1)	17	4
		Properties	(1)	(1)	(1)	-	-	(1)	(1)	(1)	-	-	-
		Technology Operations	-	-	-	-	-	-	-	-	-	-	-
		Transportation	(3)	(3)	(3)	-	-	(3)	(7)	(3)	-	(3)	-
2		Total	(6)	(6)	(6)	1	-	(6)	(11)	(6)	(1)	(1)	4
3	0056 - CNP Properties, Inc	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	(1)	(1)	(2)	-	-	-	-	-
		Distribution Support - Surveying	-	-	-	-	-	(1)	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
4		Total	-	-	-	(1)	(1)	(3)	-	-	-	-	-
5	0062 - CenterPoint Energy Arkla	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	(1)	-
		Distribution Support - Surveying	(1)	(1)	(1)	-	-	-	(1)	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(1)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(6)	(6)	(6)	-	-	(6)	(12)	(6)	-	(6)	-
		Distribution Support-GIS System Administration	(23)	(23)	(23)	-	-	(23)	(47)	(23)	-	(23)	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	5	5	5	-	-	4	9	4	-	5	-
		Transmission	-	-	-	-	-	-	(1)	-	-	-	-
		Transportation	(1)	(1)	(1)	-	-	(1)	(3)	(1)	-	(2)	-
6		Total	(26)	(27)	(26)	-	-	(26)	(55)	(26)	-	(27)	-
7	0072 - CNP Minnesota Gas	Distribution Support	-	-	-	-	-	(1)	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(3)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(9)	(9)	(9)	-	-	(9)	(19)	(9)	-	(9)	-
		Distribution Support-GIS System Administration	(32)	(32)	(32)	-	-	(32)	(65)	(32)	-	(32)	-
		Pass Through	-	-	-	-	-	1	1	1	-	-	-
		Properties	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	-	(1)	-	(1)	-	-	-
8		Total	(41)	(44)	(41)	-	-	(42)	(83)	(41)	-	(41)	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	FERC Account										
			23	24	25	26	27	28	29	30	31	32	33
			5820	5830	5840	5850	5860	5870	5880	5900	5910	5920	5930
1	0002 - CenterPoint Energy Service Company, LLC	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	(95)	-	(1)	-	-	-	-
		Distribution Support - General	-	(1)	-	-	(1)	-	-	(19)	-	-	(2)
		Distribution Support-GIS Programming	(4)	(7)	(7)	(7)	(4)	(4)	-	-	-	-	(4)
		Integration Support	-	(10)	-	-	-	-	(9)	-	-	-	(18)
		Pass Through	2	9	5	4	108	3	3	10	-	1	15
		Properties	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)
		Technology Operations	-	-	-	-	-	-	-	-	-	-	-
		Transportation	(3)	(8)	(8)	(8)	(3)	(3)	-	-	-	-	(3)
		Total	(6)	(18)	(11)	(12)	4	(5)	(8)	(9)	-	1	(13)
2													
3	0056 - CNP Properties, Inc.	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	(1)	-	(75)	-	(1)	(3)	-
		Distribution Support - Surveying	-	(1)	(1)	(1)	-	-	-	-	-	-	(1)
		Distribution Support-Meter & House Regulators	-	-	(1)	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	(2)	-	-	-	-
		Total	-	(1)	(2)	(1)	(1)	-	(77)	-	(1)	(3)	(1)
4													
5	0062 - CenterPoint Energy Arkla	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	(8)	-	-	-	-
		Distribution Support - General	-	(1)	-	-	(1)	-	-	-	-	-	(2)
		Distribution Support - Surveying	-	(1)	(1)	(1)	-	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(2,087)	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(20)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(6)	(11)	(12)	(12)	(6)	(6)	-	-	-	-	(6)
		Distribution Support-GIS System Administration	(23)	(47)	(47)	(47)	(24)	(24)	-	-	-	-	(23)
		Distribution Support-Meter & House Regulators	-	-	(3)	-	-	-	-	-	-	-	-
		Pass Through	4	9	9	9	5	5	-	-	-	-	5
		Transmission	-	-	-	-	-	-	-	-	-	-	-
		Transportation	(2)	(3)	(4)	(3)	(2)	(2)	-	-	-	-	(2)
		Total	(27)	(74)	(58)	(54)	(28)	(27)	(2,095)	-	-	-	(28)
6													
7	0072 - CNP Minnesota Gas	Distribution Support	-	-	-	-	(1)	-	(15)	-	-	(1)	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(349)	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(51)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(9)	(19)	(19)	(19)	(9)	(9)	-	-	-	-	(10)
		Distribution Support-GIS System Administration	(33)	(65)	(65)	(65)	(32)	(32)	-	-	-	-	(32)
		Pass Through	-	1	1	1	-	-	-	-	-	3	1
		Properties	-	-	-	-	-	-	(1)	-	-	-	-
		Transportation	-	-	(1)	-	-	-	-	-	-	-	-
		Total	(42)	(134)	(84)	(83)	(42)	(41)	(365)	-	-	2	(41)
8													

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2015
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Lane	Affiliate	Class	FERC Account										
			34	35	36	37	38	39	40	41	42	43	44
			5940	5960	5970	5980	9020	9030	9070	9080	9100	9200	9210
1	0002 - CenterPoint Energy Service Company, LLC	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	(1)	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	(4)	-	-	-	-	-	-	-	-
		Integration Support	(8)	-	-	-	-	-	-	-	-	-	-
		Pass Through	19	1	2	-	-	7	(1)	(37)	-	1	(6)
		Properties	-	-	(1)	-	-	-	-	-	-	-	-
		Technology Operations	-	-	-	-	-	(853)	-	-	-	-	-
		Transportation	-	-	(3)	-	-	-	-	-	-	-	-
2		Total	10	1	(6)	-	-	(846)	(1)	(37)	-	1	(6)
3	0056 - CNP Properties, Inc	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
4		Total	-	-	-	-	-	-	-	-	-	-	-
5	0062 - CenterPoint Energy Arkla	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	(1)	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	(6)	-	-	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	(23)	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	5	-	-	-	-	-	-	-	-
		Transmission	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	(2)	-	-	-	-	-	-	-	-
6		Total	(1)	-	(26)	-	-	-	-	-	-	-	-
7	0072 - CNP Minnesota Gas	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	(10)	-	-	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	(32)	-	-	-	-	-	-	-	-
		Pass Through	4	-	1	-	-	-	-	-	-	-	-
		Properties	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	-	-	-	-	-	-	-
8		Total	4	-	(41)	-	-	-	-	-	-	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	45	46	47	48	49	50	51
			FERC Account						Grand Total
			9240	9250	9260	9301	9302	9310	
1	0002 - CenterPoint Energy Service Company, LLC	Data Circuit Management	-	-	-	-	(22)	-	(22)
		Distribution Support	-	-	-	-	-	-	(96)
		Distribution Support - General	-	-	-	-	-	-	(39)
		Distribution Support-GIS Programming	-	-	-	-	-	-	(76)
		Integration Support	-	-	-	-	-	-	(45)
		Pass Through	(31)	-	37	4	(1,308)	34	(692)
		Properties	-	-	-	-	-	(7)	(23)
		Technology Operations	-	-	-	-	-	-	(853)
		Transportation	-	-	-	-	-	-	(67)
2		Total	(31)	-	37	4	(1,330)	27	(1,913)
3	0056 - CNP Properties, Inc.	Data Circuit Management	-	-	-	-	(10)	-	(10)
		Distribution Support	-	-	-	-	-	-	(84)
		Distribution Support - Surveying	-	-	-	-	-	-	(5)
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	(1)
4		Pass Through	-	-	-	-	-	-	646
		Total	-	-	-	-	(10)	-	546
5	0062 - CenterPoint Energy Arkla	Data Circuit Management	-	-	-	-	(98)	-	(98)
		Distribution Support	-	(218)	-	-	-	-	(226)
		Distribution Support - General	-	-	-	-	-	-	(6)
		Distribution Support - Surveying	-	-	-	-	-	-	(8)
		Distribution Support-GIS Business Solutions	-	-	-	-	(68)	-	(68)
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(2,087)
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	(21)
		Distribution Support-GIS Programming	-	-	-	-	-	-	(119)
		Distribution Support-GIS System Administration	-	-	-	-	-	-	(466)
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	(3)
		Pass Through	-	-	-	-	(43)	-	(65)
		Transmission	-	-	-	-	-	-	(1)
		Transportation	-	-	-	-	-	-	(31)
6		Total	-	(218)	-	-	(209)	-	(3,199)
7	0072 - CNP Minnesota Gas	Distribution Support	-	(283)	-	-	-	-	(301)
		Distribution Support-GIS Business Solutions	-	-	-	-	(16)	-	(16)
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(349)
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	(54)
		Distribution Support-GIS Programming	-	-	-	-	-	-	(186)
		Distribution Support-GIS System Administration	-	-	-	-	-	-	(645)
		Pass Through	-	-	-	-	(20)	-	(59)
		Properties	-	-	-	-	-	-	(1)
		Transportation	-	-	-	-	-	-	(3)
8		Total	-	(283)	-	-	(36)	-	(1,614)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	FERC Account										
			1070	4081	4190	4265	5600	5611	5612	5613	5614	5615	5617
9	0077 - CenterPoint Energy Services, Inc.	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
10		Total	-	-	-	-	-	-	-	-	-	-	-
11	0080 - CenterPoint Energy Intrastate Pipelines, LLC	Distribution Support - Surveying	-	-	-	-	(4)	-	-	-	-	-	-
		Pass Through	1	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	-	-	-	-	-	-	-	-	-
12		Total	1	-	-	-	(4)	-	-	-	-	-	-
13	0082 - CenterPoint Energy Entex	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	(62)	-	-	-	(300)	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	-	-	(20)	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	-	-	(48)	-	-	-	-	-	-
		Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	(1,951)	-	-	-	30	-	-	-	-	-	-
		Properties	-	-	-	-	(1)	-	-	-	-	-	-
		Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-
		Transmission	-	-	-	-	(1)	-	-	-	-	-	-
		Transportation	-	-	-	-	(86)	-	-	-	-	-	-
14		Total	(2,013)	-	-	-	(426)	-	-	-	-	-	-
15	0086 - CenterPoint Energy Mobile Energy Solutions, Inc	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
16		Total	-	-	-	-	-	-	-	-	-	-	-
17	0299 - CenterPoint Energy, Inc	Integration Support	-	-	-	(886)	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
18		Total	-	-	-	(886)	-	-	-	-	-	-	-
19	0354 - CNP Service Company Money Pool Division	Pass Through	-	-	(853)	-	-	-	-	-	-	-	-
20		Total	-	-	(853)	-	-	-	-	-	-	-	-
21	0413 - CenterPoint Energy Electric Services, LLC	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	(150)	-	-	-	-	-	-	-	-	-	-
22		Total	(150)	-	-	-	-	-	-	-	-	-	-
23		Grand Total	(1,882)	709	(983)	(889)	(504)	-	9	(2)	2	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Lane	Affiliate	Class	FERC Account										
			12	13	14	15	16	17	18	19	20	21	22
			5620	5630	5640	5660	5690	5700	5710	5720	5730	5800	5810
9	0077 - CenterPoint Energy Services, Inc	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
10		Total	-	-	-	-	-	-	-	-	-	-	-
11	0080 - CenterPoint Energy Intrastate Pipelines, LLC	Distribution Support - Surveying	(4)	(4)	(4)	-	-	(4)	(7)	(4)	-	(4)	-
		Pass Through	-	-	-	-	-	-	1	-	-	-	-
		Transportation	-	-	-	-	-	-	-	-	-	-	-
12		Total	(4)	(4)	(4)	-	-	(4)	(6)	(4)	-	(4)	-
13	0082 - CenterPoint Energy Entex	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	(1)	-	-	(1)	(1)	(3)	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	(1)	-
		Distribution Support - Surveying	(300)	(300)	(300)	-	-	(300)	(601)	(300)	-	(300)	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(8)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(20)	(20)	(20)	-	-	(20)	(40)	(19)	-	(20)	-
		Distribution Support-GIS System Administration	(47)	(48)	(48)	-	-	(47)	(95)	(48)	-	(47)	-
		Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	29	29	29	-	-	29	(238)	29	-	31	-
		Properties	(1)	-	-	-	-	-	(1)	(1)	-	(1)	-
		Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-
		Transmission	-	-	-	-	-	-	-	-	-	(1)	-
		Transportation	(86)	(86)	(86)	-	-	(86)	(171)	(86)	-	(85)	-
14		Total	(426)	(433)	(425)	(1)	(1)	(427)	(1,146)	(425)	-	(424)	-
15	0086 - CenterPoint Energy Mobile Energy Solutions, Inc	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
16		Total	-	-	-	-	-	-	-	-	-	-	-
17	0299 - CenterPoint Energy, Inc.	Integration Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	(1)	-
18		Total	-	-	-	-	-	-	-	-	-	(1)	-
19	0354 - CNP Service Company Money Pool Division	Pass Through	-	-	-	-	-	-	-	-	-	-	-
20		Total	-	-	-	-	-	-	-	-	-	-	-
21	0413 - CenterPoint Energy Electric Services, LLC	Distribution Support	-	-	-	(2)	(1)	(2)	-	-	-	(1)	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
22		Total	-	-	-	(2)	(1)	(2)	-	-	-	(1)	-
23		Grand Total	(503)	(514)	(502)	(3)	(3)	(510)	(1,301)	(502)	(1)	(499)	4

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	FERC Account										
			23	24	25	26	27	28	29	30	31	32	33
			5820	5830	5840	5850	5860	5870	5880	5900	5910	5920	5930
9	0077 - CenterPoint Energy Services, Inc	Distribution Support	-	-	-	-	-	-	(1)	-	-	-	-
10		Total	-	-	-	-	-	-	(1)	-	-	-	-
11	0080 - CenterPoint Energy Intrastate Pipelines, LLC	Distribution Support - Surveying	(4)	(7)	(7)	(7)	(4)	(3)	-	-	-	-	(4)
		Pass Through	-	1	1	1	-	-	-	-	-	-	-
		Transportation	-	(1)	(1)	-	-	-	-	-	-	-	-
12		Total	(4)	(7)	(7)	(6)	(4)	(3)	-	-	-	-	(4)
13	0082 - CenterPoint Energy Entex	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	(2)	-	-	-	(2)	-	(30)	-	-	(4)	-
		Distribution Support - General	-	(1)	-	-	(1)	-	-	-	-	-	(1)
		Distribution Support - Surveying	(300)	(601)	(601)	(601)	(301)	(300)	-	-	-	-	(300)
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(2,693)	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	(158)	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	(20)	(40)	(40)	(40)	(20)	(20)	-	-	-	-	(20)
		Distribution Support-GIS System Administration	(47)	(95)	(95)	(95)	(47)	(47)	-	-	-	-	(48)
		Distribution Support-Joint Trenching	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	(7)	-	-	-	-	-	-	-	-
		Pass Through	29	60	59	59	32	29	2	-	-	346	(5,254)
		Properties	(1)	(1)	(1)	(1)	(1)	(1)	(51)	-	-	-	-
		Radio and Communications Support	-	-	-	-	-	-	(112)	-	-	-	-
		Transmission	-	-	-	-	-	-	-	-	-	-	-
		Transportation	(85)	(171)	(176)	(171)	(85)	(85)	-	-	-	-	(85)
14		Total	(426)	(1,007)	(861)	(849)	(425)	(424)	(2,884)	-	-	342	(5,708)
15	0086 - CenterPoint Energy Mobile Energy Solutions, Inc	Distribution Support	-	-	-	-	-	-	(1)	-	-	-	-
16		Total	-	-	-	-	-	-	(1)	-	-	-	-
17	0299 - CenterPoint Energy, Inc.	Integration Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
18		Total	-	-	-	-	-	-	-	-	-	-	-
19	0354 - CNP Service Company Money Pool Division	Pass Through	-	-	-	-	-	-	-	-	-	-	-
20		Total	-	-	-	-	-	-	-	-	-	-	-
21	0413 - CenterPoint Energy Electric Services, LLC	Distribution Support	-	-	-	-	-	-	-	(1)	(1)	(4)	-
		Pass Through	-	-	-	-	-	-	(69)	-	-	-	-
22		Total	-	-	-	-	-	-	(69)	(1)	(1)	(4)	-
23		Grand Total	(505)	(1,241)	(1,023)	(1,005)	(496)	(500)	(5,500)	(10)	(2)	338	(5,795)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	34	35	36	37	38	39	40	41	42	43	44
			FERC Account										
			5940	5960	5970	5980	9020	9030	9070	9080	9100	9200	9210
9	0077 - CenterPoint Energy Services, Inc	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
10		Total	-	-	-	-	-	-	-	-	-	-	-
11	0080 - CenterPoint Energy Intrastate Pipelines, LLC	Distribution Support - Surveying	-	-	(4)	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
12		Transportation	-	-	-	-	-	-	-	-	-	-	-
		Total	-	-	(4)	-	-	-	-	-	-	-	-
13	0082 - CenterPoint Energy Entex	Data Circuit Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - General	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support - Surveying	-	-	(300)	-	-	-	-	-	-	-	-
		Distribution Support-GIS Business Solutions	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	-	-	-	-	-
		Distribution Support-GIS Programming	-	-	(20)	-	-	-	-	-	-	-	-
		Distribution Support-GIS System Administration	-	-	(48)	-	-	-	-	-	-	-	-
		Distribution Support-Joint Trenching	(45)	-	-	-	-	-	-	-	-	-	-
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	218	-	29	-	-	-	-	-	-	-	10
		Properties	-	-	(1)	-	-	-	-	-	-	-	-
		Radio and Communications Support	-	-	-	-	-	-	-	-	-	-	-
		Transmission	-	-	-	-	-	-	-	-	-	-	-
		Transportation	-	-	(85)	-	-	-	-	-	-	-	-
14		Total	173	-	(425)	-	-	-	-	-	-	-	10
15	0086 - CenterPoint Energy Mobile Energy Solutions, Inc	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
16		Total	-	-	-	-	-	-	-	-	-	-	-
17	0299 - CenterPoint Energy, Inc.	Integration Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	(13)	-	(1)	-
18		Total	-	-	-	-	-	-	-	(13)	-	(1)	-
19	0354 - CNP Service Company Money Pool Division	Pass Through	-	-	-	-	-	-	-	-	-	-	-
20		Total	-	-	-	-	-	-	-	-	-	-	-
21	0413 - CenterPoint Energy Electric Services, LLC	Distribution Support	-	-	-	-	-	-	-	-	-	-	-
		Pass Through	-	-	-	-	-	-	-	-	-	-	-
22		Total	-	-	-	-	-	-	-	-	-	-	-
23		Grand Total	186	1	(502)	-	-	(846)	(1)	(50)	-	-	4

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-8 SERVICES PROVIDED TO AFFILIATES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND
(THOUSANDS OF DOLLARS)

Line	Affiliate	Class	FERC Account						Grand Total
			45 9240	46 9250	47 9260	48 9301	49 9302	50 9310	
9	0077 - CenterPoint Energy Services, Inc	Distribution Support	-	-	-	-	-	-	(1)
10		Total	-	-	-	-	-	-	(1)
11	0080 - CenterPoint Energy Intrastate Pipelines, LLC	Distribution Support - Surveying	-	-	-	-	-	-	(75)
		Pass Through	-	-	-	-	(6)	-	(1)
		Transportation	-	-	-	-	-	-	(2)
12		Total	-	-	-	-	(6)	-	(78)
13	0082 - CenterPoint Energy Entex	Data Circuit Management	-	-	-	-	(421)	-	(421)
		Distribution Support	-	(644)	-	-	-	-	(688)
		Distribution Support - General	-	-	-	-	-	-	(4)
		Distribution Support - Surveying	-	-	-	-	-	-	(6,067)
		Distribution Support-GIS Business Solutions	-	-	-	-	(340)	-	(340)
		Distribution Support-GIS Data Management	-	-	-	-	-	-	(2,693)
		Distribution Support-GIS Land Base Data Management	-	-	-	-	-	-	(166)
		Distribution Support-GIS Programming	-	-	-	-	-	-	(399)
		Distribution Support-GIS System Administration	-	-	-	-	-	-	(950)
		Distribution Support-Joint Trenching	-	-	-	-	-	-	(45)
		Distribution Support-Meter & House Regulators	-	-	-	-	-	-	(7)
		Pass Through	-	-	-	-	(807)	(95)	(7,266)
		Properties	-	-	-	-	-	-	(63)
		Radio and Communications Support	-	-	-	-	-	-	(112)
		Transmission	-	-	-	-	-	-	(2)
		Transportation	-	-	-	-	-	-	(1,715)
14		Total	-	(644)	-	-	(1,568)	(95)	(20,938)
15	0086 - CenterPoint Energy Mobile Energy Solutions, Inc	Distribution Support	-	-	-	-	-	-	(1)
16		Total	-	-	-	-	-	-	(1)
17	0299 - CenterPoint Energy, Inc	Integration Support	-	-	-	-	-	-	(886)
		Pass Through	-	(132)	(189)	-	-	-	(336)
18		Total	-	(132)	(189)	-	-	-	(1,222)
19	0354 - CNP Service Company Money Pool Division	Pass Through	-	-	-	-	-	-	(853)
20		Total	-	-	-	-	-	-	(853)
21	0413 - CenterPoint Energy Electric Services, LLC	Distribution Support	-	-	-	-	-	-	(12)
		Pass Through	-	-	-	-	-	-	(219)
22		Total	-	-	-	-	-	-	(231)
23		Grand Total	(31)	(1,277)	(152)	4	(3,159)	(68)	(29,504)

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9 ALLOCATION OF AFFILIATE COSTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND**

For a description of the affiliate billing process, please see the attached schedules:

V-K-9.1 Corporate Services SKFs (Confidential)

V-K-9.2 CERC SKFs

V-K-9.3 Customer Ops SKFs

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC
TEST YEAR ENDING 12/31/18

CONFIDENTIAL

Schedule V-K-9.1 Corporate Services SKFs 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
V-K-9.2 CERC SKP
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

2018 ALLOCATION FACTORS				
SOUTHERN GAS ONLY				
(Based on Avg Customer Count for 12 mos end June 2017)				
Beaumont	85,120	3.30%	3.30%	
East Texas	105,295	4.08%	4.08%	
South Texas	142,393	5.52%	5.52%	
Houston	1,047,952	40.65%	40.65%	
Texas Coast	306,577	11.89%	11.89%	
Louisiana Entex	115,525	4.48%	4.48%	
Mississippi	124,404	4.83%	4.83%	
Arkansas	407,685	15.81%	15.81%	
Texarkana	14,503	0.56%	0.56%	
Louisiana Arkla	130,179	5.05%	5.05%	
Oklahoma	98,510	3.83%	3.83%	
	<u>2,578,142</u>	<u>100.00%</u>	<u>100.00%</u>	

ENTEX CLASSIC				
(Based on Avg Customer Count for 12 mos end June 2017)				
Beaumont	85,120	4.42%		
East Texas	105,295	5.46%		
South Texas	142,393	7.39%		
Houston	1,047,952	54.38%		
Texas Coast	306,577	15.91%		
Louisiana Entex	115,525	5.99%		
Mississippi	124,404	6.45%		
	<u>1,927,265</u>	<u>100.00%</u>		
CLASSIC				
ENTEX RURAL		29.71%		
HOU GAS		70.29%		
		<u>100.00%</u>		

TX METERS & REGULATORS				
(Based on Avg Customer Count for 12 mos end June 2017)				
Beaumont	85,120	5.04%	5.04%	
East Texas	105,295	6.24%	6.24%	
South Texas	142,393	8.44%	8.44%	
Houston	1,047,952	62.11%	62.11%	
Texas Coast	306,577	18.17%	18.17%	
	<u>1,687,336</u>	<u>100.00%</u>	<u>100.00%</u>	

HOU GAS ALLOC				
(Based on Avg Customer Count for 12 mos end June 2017)				
Houston	1,047,952	77.37%		
Texas Coast	306,577	22.63%		
	<u>1,354,528</u>	<u>100.00%</u>		

ENTEX ALLOC				
Beaumont	85,120	14.86%		
East Texas	105,295	18.38%		
South Texas	142,393	24.87%		
Louisiana Entex	115,525	20.17%		
Mississippi	124,404	21.72%		
	<u>572,736</u>	<u>100.00%</u>		

2018 ALLOCATION FACTORS-GASOPS				
(Based on Avg Customer Count for 12 mos end June 2017)				
Beaumont	85,120	2.49%	2.49%	
East Texas	105,295	3.08%	3.08%	
South Texas	142,393	4.16%	4.16%	
Houston	1,047,952	30.80%	30.80%	
Texas Coast	306,577	8.95%	8.95%	
Louisiana Entex	115,525	3.37%	3.37%	
Mississippi	124,404	3.63%	3.63%	
Arkansas	407,685	11.90%	11.90%	
Texarkana	14,503	0.42%	0.42%	
Louisiana Arkla	130,179	3.80%	3.80%	
Oklahoma	98,510	2.88%	2.88%	
Minnesota	846,432	24.72%	24.72%	
	<u>3,424,573</u>	<u>100.00%</u>	<u>100.00%</u>	

ARKLA ALLOC				
Arkansas	407,685	62.64%		
Texarkana	14,503	2.23%		
Louisiana Arkla	130,179	20.00%		
Oklahoma	98,510	15.13%		
	<u>650,877</u>	<u>100.00%</u>		

Arkansas	407,685	78.298%
Texarkana	14,503	2.785%
Oklahoma	98,510	18.919%
	<u>520,698</u>	

ALL FACTORS ARE BASED ON AVG CUSTOMER COUNT 12 MONTHS ENDING JUNE 2017

SOURCE FILES :

BW Sharepoint Files maintained by Doug Smith for Arkla and Entex

Minnesota data provided by Mark Winter on SharePoint

Prepared By: Kera Hill Date: 1/30/2018

Reviewed By: _____ Date: _____

Approved By: _____ Date: _____

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Broadband Project - Verizon Data Cost Distribution Allocation

Cost Center: 130194

Area	Broadband Units Distribution %		
North			
South			
East	327	41.3%	77.12%
West			
Tx Coast	97	12.3%	22.88%
<u>Houston Area Total</u>	424	53.60%	
			MN Breakout
			59.20% 26.72%
HSP	357	45.1%	40.80% 18.41%
<u>Minnesota Total</u>	357	45.1%	
Electric (Sugarland SC)	10	1.26%	
Houston Leak Survey		0.0%	
Minnesota Fleet		0.0%	
<u>Other Users Total</u>	10	1.3%	
Grand Total Distribution	791	100.0%	

11034180 Houston/Texas Coast Verizon 3G Service	53.60%
11034183 Broadband Charges for Mobile Data Usage	1.26%
RA31241741 Gas Op Tech Serv	26.72%
RA31241748 Gas Op Tech Serv	18.41%
<i>Total</i>	100.00%

**Underground Locating Research Dept.
Tickets Researched Report
from 1/01/2018 thru 1/31/2018**

	<u>No. Dist</u>	<u>East Dist</u>	<u>So. Dist</u>	<u>West Dist</u>	<u>Baytown</u>	<u>Richmond</u>	
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	Total
Gas Tickets received	14,474	8,517	5,855	15,825	11,024	5,443	61,138
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	10,536	7,457	4,792	12,371	6,896	2,973	45,025

Ben's Links

	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	1,342	4,756	743	2,636	1,237	4,385	846	3,001	780	2,764	761	2,696	SAP Upload
133403 TSUGL1 - Locates	941	3,338	433	1,536	602	2,135	605	2,146	384	1,361	583	2,065	SAP Upload

		Total Electric Tickets		
55% Elec to Field		22%	78%	Total
	Research	12,878	45,657	58,535
	Locate	7,020	24,891	31,911

	Total Tickets
Research	119,673
Locate	77,620

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 2/01/2018 thru 2/28/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	15,039	8,882	4,840	14,621	9,385	5,176	57,943
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	10,682	7,725	3,869	11,428	6,054	2,886	42,644

74% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491
	1,139	4,040	638	2,260	1,344	4,765	1,010	3,583	968	3,433	1,797	6,370
133403 TSUGL1 - Locates	462	1,640	86	308	865	3,069	689	2,370	476	1,689	822	2,913

SAP Upload

SAP Upload

	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katv		Spring Branch		Sugar Land	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484
	1,254	4,444	738	2,617	1,045	3,706	770	2,730	688	2,476	699	2,477
133403 TSUGL1 - Locates	889	3,150	418	1,480	502	1,779	559	1,982	345	1,221	538	1,909

SAP Upload

SAP Upload

FOC
Ticket sent for staking 664

Total Electric Tickets		
	22%	78%
Research	12,100	42,901
Locate	6,631	23,508
Total	55,001	30,139

55% Elec to Field

Total Tickets	
Research	112,944
Locate	73,447

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKP's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 3/01/2018 thru 3/31/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	18,835	9,439	5,593	16,993	11,853	6,182	68,895
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	13,866	8,229	4,452	13,165	7,604	3,586	50,902

74% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
	1,378	4,886	778	2,760	1,714	6,076	1,246	4,418	1,167	4,136	1,864	6,607	SAP Upload
133403 TSUGL1 - Locates	574	2,035	91	323	1,128	3,998	611	2,874	615	2,179	860	3,048	SAP Upload
	2,603	7,921	869	3,083	2,842	10,074	1,857	7,292	1,782	6,315	2,724	9,655	
	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	1,412	5,007	843	2,989	1,268	4,496	943	3,344	794	2,815	895	3,172	SAP Upload
133403 TSUGL1 - Locates	932	3,303	498	1,765	646	2,289	666	2,363	403	1,429	667	2,367	SAP Upload
	2,855	9,990	1,341	4,754	1,914	6,785	1,609	5,707	1,197	4,244	1,562	5,539	

FOC
Ticket sent for staking 634

Total Electric Tickets			
	22%	78%	Total
Research	14,302	50,705	65,007
Locate	7,890	27,974	35,864

	Total Tickets
Research	133,902
Locate	87,400

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 4/01/2018 thru 4/30/2018

Gas Tickets

	No. Dist.	East Dist.	So. Dist.	West Dist.	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	17,499	9,609	5,380	17,168	12,212	6,675	68,543
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	12,364	8,277	4,092	13,321	7,738	3,581	49,373

72% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491
	1,382	4,900	758	2,686	1,514	5,370	1,157	4,100	1,227	4,350	1,840	6,524
133403 TSUGL1 - Locates	561	1,968	81	287	946	3,354	750	2,659	617	2,188	848	3,006
Tickets sent for staking	2,319	8,149	1,039	3,559	2,460	8,724	1,907	6,759	1,844	6,538	2,688	9,230

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	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484
	1,532	5,431	931	3,299	1,233	4,371	998	3,539	834	2,956	787	2,790
133403 TSUGL1 - Locates	980	3,475	555	1,967	625	2,216	721	2,555	412	1,461	575	2,038
Tickets sent for staking	2,512	8,906	1,486	5,266	1,858	6,587	1,719	6,094	1,246	4,417	1,362	4,828

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FOC
Ticket sent for staking 668

Total Electric Tickets		
	22%	78%
Research	14,192	50,317
Locate	7,670	27,194
		34,864

Total Tickets
Research 133,052
Locate 84,905

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKP's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 5/01/2018 thru 5/31/2018

Gas Tickets							
	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	17,958	10,158	5,748	17,942	12,799	6,776	71,381
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	12,335	8,834	4,402	13,984	7,922	3,664	51,141

72% Gas To Field

Electric Tickets												
	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491
	1,492	5,290	812	2,880	1,556	5,517	1,112	3,942	1,303	4,619	2,002	7,099
133403 TSUGL1 - Locates	600	2,129	98	342	1,001	3,547	754	2,672	703	2,494	968	3,432
	1,229											

SAP Upload

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	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484
	1,536	5,447	934	3,311	1,214	4,306	998	3,537	905	3,209	867	3,076
133403 TSUGL1 - Locates	1,001	3,551	558	1,979	597	2,117	718	2,547	468	1,658	662	2,346

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FOC
Ticket sent for staking 752

Total Electric Tickets			
	22%	78%	Total
Research	14,732	52,232	66,964
Locate	8,127	28,813	36,940

Total Tickets
Research 138,345
Locate 88,833

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 6/01/2018 thru 6/30/2018

Gas Tickets

	No. Dist.	East Dist.	So. Dist.	West Dist.	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	15,930	9,722	5,910	17,020	11,951	6,141	66,674
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	11,031	8,557	4,654	13,555	7,312	3,370	48,479

73% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	SAP Upload
	1,380	4,824	770	2,732	1,400	4,964	1,006	3,567	1,323	4,692	1,917	6,798	
133403 TSUGL1 - Locates	528	1,872	115	406	940	3,334	683	2,352	762	2,700	963	3,414	SAP Upload
	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	SAP Upload
	1,346	4,774	806	2,856	1,182	4,189	988	3,430	933	3,306	818	2,902	
133403 TSUGL1 - Locates	920	3,264	478	1,695	598	2,118	699	2,477	484	1,714	629	2,229	SAP Upload

FOC
Ticket sent for staking 721

Total Electric Tickets		
	22%	78%
Research	13,830	49,033
Locate	7,778	27,576
Total	62,863	35,354

56% Elec to Field

	Total Tickets
Research	129,537
Locate	84,554

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 7/01/2018 thru 7/31/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	17,231	10,379	6,347	17,339	13,394	6,948	71,638
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	12,202	9,272	5,187	13,562	8,440	3,884	52,547

73% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491
Electric Tickets received	1,615	5,727	838	2,969	1,467	5,202	1,175	4,165	1,442	5,113	2,019	7,160
133403 TSUGL1 - Locates	670	2,376	147	523	1,019	3,612	777	2,754	789	2,796	1,033	3,662
Electric Tickets sent for staking	535	1,845	121	423	833	2,940	632	2,210	655	2,290	840	2,981

SAP Upload

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	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land	
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484
Electric Tickets received	1,283	4,549	948	3,362	1,245	4,415	1,050	3,721	993	3,522	850	3,015
133403 TSUGL1 - Locates	889	3,152	600	2,129	617	2,186	766	2,718	561	1,990	666	2,363
Electric Tickets sent for staking	704	2,407	498	1,703	503	1,769	618	2,155	432	1,532	584	2,027

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FOC
Ticket sent for staking 860

Total Electric Tickets			
	22%	78%	Total
Research	14,926	52,919	67,845
Locate	8,535	30,260	38,795

	Total Tickets
Research	139,483
Locate	92,202

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKP's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 8/01/2018 thru 8/31/2018

Gas Tickets

	No. Dist.	East Dist.	So. Dist.	West Dist.	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	18,326	9,833	6,935	16,759	13,771	7,262	72,886
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	12,681	8,691	5,733	13,081	8,788	3,969	52,943

73% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
	1,590	5,637	858	3,042	1,488	6,275	1,226	4,345	1,584	5,618	1,918	6,800	SAP Upload
133403 TSUGL1 - Locates	646	2,290	142	503	1,051	3,728	831	2,945	845	2,995	987	3,501	SAP Upload

	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	1,306	4,632	935	3,317	1,319	4,678	1,108	3,927	810	2,871	974	3,452	SAP Upload
133403 TSUGL1 - Locates	900	3,190	583	2,068	670	2,375	848	3,005	481	1,707	806	2,859	SAP Upload

FOC
Ticket sent for staking 998

Total Electric Tickets			
	22%	78%	Total
Research	15,116	53,592	68,708
Locate	8,790	31,165	39,955

Total Tickets	
Research	141,594
Locate	93,896

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKP's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 9/01/2018 thru 9/30/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	14,941	8,356	5,516	13,787	10,966	5,579	59,145
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	10,297	7,208	4,580	10,692	7,108	2,984	42,869

72% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
	1,373	4,869	713	2,527	1,191	4,223	944	3,347	1,169	4,144	1,583	5,613	SAP Upload
133403 TSUGL1 - Locates	628	2,227	98	347	845	2,995	673	2,388	665	2,357	816	2,893	SAP Upload

	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	1,051	3,728	677	2,402	1,064	3,772	918	3,253	769	2,727	755	2,677	SAP Upload
133403 TSUGL1 - Locates	726	2,572	427	1,512	643	1,926	718	2,545	634	1,892	639	2,267	SAP Upload

FOC
Ticket sent for staking 940

Total Electric Tickets			
	22%	78%	Total
Research	12,207	43,280	55,487
Locate	7,311	25,922	33,233

Total Tickets
Research 114,632
Locate 77,042

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKP's
TEST YEAR ENDED 12/31/2018
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SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 10/01/2018 thru 10/31/2018

Gas Ticket

	No. Dist.	East Dist.	So. Dist.	West Dist.	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	17,426	9,753	6,418	17,184	12,684	7,305	70,770
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	11,981	8,440	5,163	13,594	8,153	3,726	51,057

72% Gas To Field

Electric Ticket

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
Electric Tickets received	1,470	5,213	802	2,844	1,463	5,188	1,154	4,092	1,399	4,962	1,871	6,634	SAP Upload
133403 TSUGL1 - Locates	621	2,203	118	419	1,021	3,619	804	2,851	789	2,799	930	3,296	SAP Upload
Total Gas to Field	2,824	10,689	920	3,263	2,484	8,807	1,958	6,943	2,188	7,761	2,801	9,930	
	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katv		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
Electric Tickets received	1,314	4,657	928	3,289	1,333	4,728	1,103	3,911	1,074	3,807	835	2,959	SAP Upload
133403 TSUGL1 - Locates	936	3,320	555	1,966	737	2,615	878	3,113	768	2,725	670	2,375	SAP Upload
Total Gas to Field	2,250	7,977	1,483	5,255	2,070	7,343	1,981	7,024	1,842	6,532	1,505	5,334	

FOC
Ticket sent for staking 1254

Total Electric Tickets			
	22%	78%	Total
Research	14,747	52,283	67,030
Locate	8,828	31,300	40,128

	Total Tickets
Research	137,800
Locate	92,439

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
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SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 11/01/2018 thru 11/30/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	13,950	9,161	5,667	16,008	11,980	6,343	63,109
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	9,910	8,007	4,609	12,815	7,897	3,253	46,491

74% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
	1,316	4,664	685	2,429	1,160	4,112	932	3,305	1,203	4,263	1,779	6,306	SAP Upload
133403 TSUGL1 - Locates	583	2,066	97	345	819	2,902	653	2,313	677	2,401	893	3,165	SAP Upload
	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	1,131	4,009	823	2,916	1,347	4,774	954	3,382	1,053	3,732	801	2,839	SAP Upload
133403 TSUGL1 - Locates	792	2,809	518	1,838	728	2,580	739	2,619	767	2,719	643	2,278	SAP Upload

FOC

Ticket sent for staking 1205

Total Electric Tickets			
	22%	78%	Total
Research	13,181	46,734	59,915
Locate	7,908	28,036	35,944

Total Tickets
Research 123,024
Locate 83,640

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
V-K-9.2 CERC SKF's
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TOWNSEND

Underground Locating Research Dept.
Tickets Researched Report
from 12/01/2018 thru 12/31/2018

Gas Tickets

	No. Dist	East Dist	So. Dist	West Dist	Baytown	Richmond	Total
133406 TSUGL3 - Research	11029391	11029394	11029392	11029393	11029389	11029390	
Gas Tickets received	12,174	7,362	4,940	12,687	10,056	5,231	52,450
133403 TSUGL2 - Locates	11029382	11029385	11029383	11029384	11029380	11029381	
Tickets sent for staking	8,820	6,503	3,977	10,104	6,578	2,910	38,892

74% Gas To Field

Electric Tickets

	Baytown		Galveston		Greenspoint		Humble		South Houston		Bellaire/Mag. Park		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11002001	11029483	11002003	11029487	11001995	11029493	11001997	11029481	11002000	11029486	11002142	11029491	
	1,120	3,972	544	1,930	1,085	3,846	790	2,803	1,033	3,662	1,456	5,164	SAP Upload
133403 TSUGL1 - Locates	507	1,796	84	296	801	2,840	552	1,959	546	1,936	730	2,590	SAP Upload
	Cypress		Fort Bend/Wharton		HOC/Brazosport		Katy		Spring Branch		Sugar Land		
	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	22%	78%	
133406 TSUGL3 - Research	11001996	11029494	11002006	11029482	11002143	11029490	11002007	11029485	11002008	11029489	11002009	11029484	
	958	3,397	708	2,512	1,101	3,903	759	2,689	701	2,487	646	2,290	SAP Upload
133403 TSUGL1 - Locates	680	2,410	465	1,648	602	2,136	578	2,051	479	1,699	516	1,828	SAP Upload

FOC
Ticket sent for staking 951

Total Electric Tickets			
	22%	78%	Total
Research	10,902	38,654	49,556
Locate	6,540	23,189	29,729

	Total Tickets
Research	102,006
Locate	69,572