

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-C-3 INTERNAL/EXTERNAL AUDITS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. GAUGER

INDEX

Item No.	Business	Audit Type	Audit Title	Brief Description	Status
1	Regulated - Electric	Internal	2018-04 CEHE Bond Companies Compliance Review - 2017	<p>Under the Texas Electric Restructuring Law enacted in 1999, a special purpose subsidiary of a sponsoring utility may issue transition bonds to enable the utility to recover certain stranded costs and regulatory assets from ratepayers. Texas legislation adopted in 2009 allows utilities to also issue system restoration bonds to recover system restoration costs for severe weather and natural disasters. CenterPoint Energy Houston Electric, LLC (CEHE) has four bond companies that are U.S. Securities and Exchange Commission (SEC) registered entities. Additionally, bond companies TBC III, TBC IV and Restoration Bond Company (RBC) are subject to SEC Regulation AB, which provides disclosure guidance for Securities Act of 1933 and Exchange Act of 1934 filing requirements involving asset-backed securities offerings. Audit Services contracted with KPMG to conduct a compliance review of all four CEHE bond companies for the year-ended December 31, 2017.</p> <p>The primary objectives of the review were to</p> <ul style="list-style-type: none"> • Assess CEHE's compliance with the servicing requirements set forth in the servicing agreements, and • Assess CEHE's compliance with the servicing criteria set forth in Item 1122(d) of Regulation AB for the three series of bonds subject to Regulation AB. 	Completed
2	Regulated - Electric	Internal	2018-07 East Texas HVDC Tie Billing Review (2014 - 2016)	<p>On behalf of a joint agreement, American Electric Power (AEP) conducted an audit of the East Texas High Voltage Direct Current (HVDC) Tie Operations and Maintenance (O&M) work and cost allocation between participants for the period of 2014 - 2016. The results have been reviewed by CenterPoint Energy (CNP) Transmission Operations and CNP Audit Services.</p> <p>As part of the 1991 East Texas HVDC Interconnection Agreement, four Texas electric participants became joint owners to construct a high voltage converter station (Interconnection Terminal) with nominal capacity of 600 megawatts (MW). The participants and their ownership interest (Participants) are: AEP - Texas Central Company (25%), SWEPCO (Operator, 25%), Oncor Electric Delivery (16.67%) and CNP (33.33%). The purpose of the East Texas HVDC Tie is to synchronize the power flow between the Electric Reliability Council of Texas (ERCOT) and Southwest Power Pool (SPP).</p> <p>In 1997, an Amendment was made to the original Agreement granting audit rights for contractors, vendors, consultants, etc., who have roles in the operation, use, repair, maintenance or retirement of the HVDC project. Additionally, the Amendment includes a clause requiring an audit of the O&M work and the cost allocation between Participants to be performed by AEP every three years. Total shared costs for the audit period (2014 - 2016) were approximately \$61.3 million.</p> <p>The objectives of the audit were to:</p> <ul style="list-style-type: none"> • Evaluate if the East Texas HVDC Tie costs billed to Participants were shareable under the East Texas HVDC Interconnection Project Participation Agreement, and • Validate that all shareable costs were accurately calculated and billed to all Participants in compliance with the Agreement. 	Completed

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3	Regulated - Electric	Internal	2018-10 Transmission Real Time Operations Assessment	<p>CEHE provides electric transmission and distribution services to retail electric providers serving approximately 2.4 million metered customers. Transmission Real Time Operations (RTO) operates CNP's transmission system and coordinates the operation of interconnected high voltage facilities. North American Electric Reliability Corporation (NERC) is the electricity reliability organization that helps maintain and improve the reliability and security of bulk power systems; RTO is subject to NERC Standards. The Policy and Compliance Group monitors CEHE compliance with NERC Standards.</p> <p>The objective of the assessment was to evaluate the adequacy of RTO compliance with established Company policies and procedures, and applicable regulatory requirements. Reliance was placed on oversight provided by the CEHE Policy and Compliance Group and prior regulatory audit results, and limited testing was performed.</p>	Completed
4	Regulated - Electric	Internal	2018-13 Hurricane Harvey EOP Expense Validation Review	<p>In August 2017, CEHE activated the Emergency Operations Plan (EOP) as a result of the negative impact on Electric infrastructure and reliability caused by Hurricane Harvey. CNP incurred significant expenses to restore power including internal labor, foreign crews, hotels, fleet/fuel, etc. Audit Services performed an EOP Expense Validation Audit and assessed the operating effectiveness of the internal controls and processes related to EOP Expenses.</p> <p>The primary objectives of the review were to</p> <ul style="list-style-type: none"> • Assess processes and procedures to capture, identify and accurately record storm related costs, • Evaluate the process to ensure that only Hurricane Harvey related expenses were charged as storm costs; • Determine if there were adequate internal controls in place to validate that appropriate storm-related expenses were charged as storm costs, and to ensure that payments were properly charged to the correct accounts, and • Verify whether consistent and adequate documentation was retained to support storm related expenses 	Completed
5	Regulated - Electric Privileged and Confidential - Performed at the request and direction of Legal	Internal	Privileged and Confidential 2018-16 Telecom Procurement Special Project	<p>At the request and direction of the CenterPoint Energy Legal Department, Audit Services performed a review of the procurement processes and procedures within the CenterPoint Energy Houston Electric Telecom Department (Telecom). Telecom procurement activities are primarily in support of CNP's SCADA, microwave, radio and fiber optic networks. All work performed is considered privileged and confidential.</p> <p>The primary objective of the project was to assess the operating effectiveness of the controls and procedures related to Telecom procurement. This included assessing the current environment for potential fraud.</p>	Completed

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6	Regulated - Electric	Internal	2018-19 Addicks Operations Center - Transmission Backup Control Center Testing Assessment	<p>Audit Services conducted an assessment of the Addicks Operations Center (AOC) - Transmission Backup Control Center functionality testing process conducted on August 23, 2018 and post exercise review</p> <p>CEHE's primary Control Center is the Energy Control and Data Center (EC/DC), with the backup Control Center being AOC Real Time Operations (RTO) has a documented standard operating procedure to plan and conduct an annual exercise to test backup functionality of the AOC backup Control Center in the event that CEHE's primary control center functionality is lost. If CEHE's primary control center becomes inoperable, RTO functions are relocated to AOC, which serves as a fully operational backup facility. During the exercise, AOC is brought online to replicate and assume all reliability-related functions performed at EC/DC for at least two continuous hours</p> <p>The objective of the assessment was to evaluate the operating effectiveness of the AOC - Transmission Backup Control Center Testing process.</p>	Completed
7	Regulated - Electric	Internal	2018-24 CEHE Revenue Protection Audit	<p>Audit Services performed an audit of the processes and procedures within the CEHE Revenue Protection Department.</p> <p>The Revenue Protection Group is responsible for investigating and reporting technical losses associated with defective metering equipment, fraudulent losses caused by diversion or meter tampering, recovering these losses and administering the Critical Care Program.</p> <p>These activities are governed by the Public Utility Commission of Texas (PUCT) Substantive Rules Applicable to Electric Service Providers. Additionally, the Revenue Protection Group responds to customer meter charge complaints filed with the PUCT</p> <p>The objective of the assessment was to assess the operating effectiveness of the controls and procedures related to CEHE Revenue Protection, as well as compliance with applicable regulations</p>	Completed
8	Regulated - Electric	Internal	Distribution Projects - Overhead and Underground Residential Audit	<p>Audit Services is performing an audit of the processes/procedures of the CEHE Overhead and Underground Residential Development (URD) electric distribution work.</p> <p>As of October 2015, distribution project responsibilities were reorganized into three departments which include Distribution Project Management (DPM), Power Delivery Solutions (PDS), and Distribution Planned Projects (DPP). DPM is responsible for managing the construction of overhead, underground, and streetlight projects. This includes the design, scheduling, construction, and work order closeout of all major distribution projects, as well as the installation of the facilities related to these projects</p> <p>PDS service consultants work closely with developers, governmental agencies, and individual customers to create and design various projects. DPP assists in completing large customer or neighborhood planned substation projects and unplanned work</p> <p>The objectives of this audit are to:</p> <ul style="list-style-type: none"> • Determine compliance with established Company policies and procedures, and regulations; • Validate the adequacy and effectiveness of internal financial, operational and system controls and procedures, and • Determine the adequacy and effectiveness of data privacy and record retention controls. 	In Progress

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9	Regulated - Electric	Internal	Revenue - Transmission (TCOS, TCRF)	<p>Audit Services is performing a high-level review of the CEHE Transmission Revenue (TCOS & TCRF) Processes.</p> <p>Transmission Service Providers (TSPs) within ERCOT submit invoices for wholesale Transmission Cost of Service (TCOS) to Distribution Service Providers (DSPs) on a monthly basis. If a TSP increases its rates, it leaves the DSP with a shortage in what the DSP is collecting from customers compared to what the DSP pays to TSPs. The Transmission Cost Recovery Factor (TCRF) is the rate mechanism used to recover this shortage. There are three areas within CenterPoint Energy (CNP) that have responsibilities related to transmission revenue TCOS and TCRF processes: Transmission Analysis, Revenue Support, and Rates and Regulatory</p> <p>The objectives of the Transmission Revenue – TCOS/TCRF review were to:</p> <ul style="list-style-type: none"> • Gain a high-level understanding of TCOS/TCRF controls and procedures, • Identify any issues that may warrant a subsequent audit or assessment, and • Evaluate the organization's level of risk awareness and presence of controls 	In Progress
10	Regulated - Electric	External	2018-23 CEHE Code of Conduct Program - 2017	<p>Per PUCT, Chapter 25, Substantive Rules Applicable to Electric Service Providers, Subchapter K, Relationships with Affiliates, §25.272 Code of Conduct for Electric Utilities and Their Affiliates (Code of Conduct), CEHE is required to have an audit prepared by independent auditors to verify CEHE's compliance with this Section, at a minimum every three years. CEHE must file the audit results with the PUCT within one month of completion.</p> <p>The purpose of §25.272 is to "establish safeguards to govern the interaction between utilities and their affiliates, both during the transition to and after their introduction of competition, to avoid potential market-power abuses and cross-subsidization between regulated and unregulated activities "</p> <p>The Code of Conduct Program compliance review was performed by external auditors, under the direction of CenterPoint Energy Audit Services, for the year ended December 31, 2017. The report was filed with the PUC on January 7, 2019.</p>	Completed

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-C-4 BOARD OF DIRECTORS MEETINGS
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Line No.	Business	Meeting Date	Agenda
1	Board of Directors Meetings - CenterPoint Energy, Inc.		
2		2/21/2018	*
3	Special session	3/29/2018	*
4	Special session	4/5/2018	*
5	Special session	4/16/2018	*
6		4/26/2018	*
7		7/26/2018	*
8		10/23/2018-10/24/2018	*
9		12/12/2018	*
10		2/20/2019	*
11	Board of Directors Meetings - CenterPoint Energy Houston Electric, LLC		
12	Unanimous consents of the sole director		*

* Board of Director meeting agendas are highly sensitive and confidential, and will be made available 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
II-D-1 OPERATION AND MAINTENANCE EXPENSES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Transmission Expense					
2							
3		<u>Operation</u>	II-D-1				
4	5600	Oper Supy & Eng		13,074	-	222	13,296
5	5610	Load Dispatching		-	-	-	-
6	5611	Load Dispatching		47	-	1	48
7	5612	Load Dispatching		5,073	-	61	5,134
8	5613	Load Dispatching		349	-	3	352
9	5614	Scheduling, Control, and Dispatching Services		885	-	14	899
10	5615	Reliability, Planning, and Standards		1,017	-	46	1,063
11	5617	General Studies		166	-	15	181
12	5620	Station Exp		186	-	61	247
13	5630	Overhead Line Exp		842	-	45	887
14	5640	Underground Line Exp		(2)	-	2	-
15	5650	Transmission of Electricity by Others		791,308	-	(242,265)	549,043
16	5660	Misc Transmission Ex		3,548	-	146	3,694
17	5670	Rents		98	-	-	98
18							
19		Subtotal 560-567		816,591	-	(241,649)	574,942
20							
21		<u>Maintenance</u>	II-D-1				
22	5680	Maintenance Super. & Engin		-	-	-	-
23	5690	Maint of Structures		739	-	106	845
24	5700	Maint of Sta Equip		10,516	-	318	10,834
25	5710	Maint of Ovrhd Lines		15,561	-	103	15,664
26	5720	Maint of Undrg Lines		(2)	-	2	-
27	5730	Maint of Misc Trans		513	-	3	516
28							
29		Subtotal 568-573		27,327	-	532	27,859
30							
31		TOTAL TRANSMISSION EXPENSE	II-D-1	843,918	-	(241,117)	602,801
32							

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Line No.	FERC Account	Description	Reference Schedule	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
1		Transmission Expense									
2											
3		Operation	II-D-1								
4	5600	Oper Supv & Eng		2	TRAN	13,296	13,296	-	-	-	13,296
5	5610	Load Dispatching		2	TRAN	-	-	-	-	-	-
6	5611	Load Dispatching		2	TRAN	48	48	-	-	-	48
7	5612	Load Dispatching		2	TRAN	5,134	5,134	-	-	-	5,134
8	5613	Load Dispatching		2	TRAN	352	352	-	-	-	352
9	5614	Scheduling, Control, and Dispatching Services		2	TRAN	899	899	-	-	-	899
10	5615	Reliability, Planning, and Standards		2	TRAN	1,063	1,063	-	-	-	1,063
11	5617	General Studies		2	TRAN	181	181	-	-	-	181
12	5620	Station Exp		2	TRAN	247	247	-	-	-	247
13	5630	Overhead Line Exp		2	TRAN	887	887	-	-	-	887
14	5640	Underground Line Exp		2	TRAN	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		2	TRAN	549,043	549,043	-	-	-	549,043
16	5660	Misc Transmission Ex		2	TRAN	3,694	3,694	-	-	-	3,694
17	5670	Rents		2	TRAN	98	98	-	-	-	98
18											
19		Subtotal 560-567				574,942	574,942	-	-	-	574,942
20											
21		Maintenance	II-D-1								
22	5680	Maintenance Super. & Engin.		2	TRAN	-	-	-	-	-	-
23	5690	Maint of Structures		28	E35301	845	779	66	-	-	845
24	5700	Maint of Sta Equip		28	E35301	10,834	9,988	846	-	-	10,834
25	5710	Maint of Ovrhd Lines		2	TRAN	15,664	15,664	-	-	-	15,664
26	5720	Maint of Undrg Lines		2	TRAN	-	-	-	-	-	-
27	5730	Maint of Misc Trans		2	TRAN	516	516	-	-	-	516
28											
29		Subtotal 568-573				27,859	26,947	912	-	-	27,859
30											
31		TOTAL TRANSMISSION EXPENSE	II-D-1			602,801	601,889	912	-	-	602,801
32											

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SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)**

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Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes	4 Company Total Electric
33		Distribution Expense					
34							
35		Operation					
36	5810	Load Dispatching	II-D-1	3,328	-	60	3,388
37	5820	Station Exp		921	-	231	1,152
38	5830	Ovhd Line Exp		3,407	-	341	3,748
39	5840	Undrgr Line Exp		8,156	-	283	8,439
40	5850	St Light & Signal Ex		48	-	7	55
41	5860	Meter Exp		27,262	-	4,053	31,315
42	5870	Cust Installat Exp		2,920	-	122	3,042
43	5890	Rents		125	-	-	125
44							
45		Subtotal 581-589		46,167	-	5,097	51,264
46							
47	5800	Oper Supv & Eng		53,346	-	841	54,187
48	5880	Misc Distrib Exp		35,680	-	484	36,164
49							
50		Subtotal 580 & 588		89,026	-	1,325	90,351
51							
52		Distribution-Operation-Total		135,193	-	6,422	141,615
53							
54		Maintenance	II-D-1				
55	5910	Maint of Structures		820	-	27	847
56	5920	Maint of Sta Equip		12,536	-	428	12,964
57	5930	Maint of Ovhd Lines		84,709	-	564	85,273
58	5940	Maint of Undrgr Lines		12,990	-	228	13,218
59	5950	Maint of Line Transf		4,970	-	-	4,970
60	5960	Maint St Lite & Sig		3,727	-	44	3,771
61	5970	Maint of Meters		7,758	-	2	7,760
62	5980	Maint of Misc Dist. Plant. (371&372)		2,053	-	(2)	2,051
63							
64		Subtotal 591-598		129,563	-	1,291	130,854
65							
66	5900	Maint Supv & Eng		5,521	-	6	5,527
67	5982	Maint of Misc. Dist. Plant - OTHER		-	-	-	-
68							
69		Subtotal 590 & 598.2		5,521	-	6	5,527
70							
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	270,277	-	7,719	277,996
72							

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33		Distribution Expense									
34											
35		Operation									
36	5810	Load Dispatching	II-D-1	3	DIST	3,388	-	3,388	-	-	3,388
37	5820	Station Exp		3	DIST	1,152	-	1,152	-	-	1,152
38	5830	Ovrhd Line Exp		3	DIST	3,748	-	3,748	-	-	3,748
39	5840	Undrgr Line Exp		3	DIST	8,439	-	8,439	-	-	8,439
40	5850	St Light & Signal Ex		3	DIST	55	-	55	-	-	55
41	5860	Meter Exp		4	MET	31,315	-	-	31,315	-	31,315
42	5870	Cust Installat Exp		3	DIST	3,042	-	3,042	-	-	3,042
43	5890	Rents		3	DIST	125	-	125	-	-	125
44											
45		Subtotal 581-589				51,264	-	19,949	31,315	-	51,264
46											
47	5800	Oper Supv & Eng		3	DIST	54,187	-	54,187	-	-	54,187
48	5880	Misc Distrib Exp		3	DIST	36,164	-	36,164	-	-	36,164
49											
50		Subtotal 580 & 588				90,351	-	90,351	-	-	90,351
51											
52		Distribution-Operation-Total				141,615	-	110,300	31,315	-	141,615
53											
54		Maintenance	II-D-1								
55	5910	Maint of Structures		38	E36201	847	317	530	-	-	847
56	5920	Maint of Sta Equip		38	E36201	12,964	4,849	8,115	-	-	12,964
57	5930	Maint of Ovhd Lines		3	DIST	85,273	-	85,273	-	-	85,273
58	5940	Maint of Undrg Lines		3	DIST	13,218	-	13,218	-	-	13,218
59	5950	Maint of Line Transf		3	DIST	4,970	-	4,970	-	-	4,970
60	5960	Maint St Lite & Sig		3	DIST	3,771	-	3,771	-	-	3,771
61	5970	Maint of Meters		4	MET	7,760	-	-	7,760	-	7,760
62	5980	Maint of Misc Dist. Plant (371&372)		3	DIST	2,051	-	2,051	-	-	2,051
63											
64		Subtotal 591-598				130,854	5,166	117,928	7,760	-	130,854
65											
66	5900	Maint Supv & Eng		3	DIST	5,527	-	5,527	-	-	5,527
67	5982	Maint. of Misc. Dist. Plant. - OTHER		3	DIST	-	-	-	-	-	-
68											
69		Subtotal 590 & 598.2				5,527	-	5,527	-	-	5,527
70											
71		TOTAL DISTRIBUTION EXPENSE	II-D-1			277,996	5,166	233,755	39,075	-	277,996
72											

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Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes	4 Company Total Electric
73		<u>Customer Accounting Expenses</u>	II-D-1				
74	9020	Meter Reading Exp		1,495	-	4	1,499
75	9030	Cust Records & Colle		31,250	-	491	31,741
76							
77		<u>Subtotal 902-903</u>		<u>32,745</u>	<u>-</u>	<u>495</u>	<u>33,240</u>
78							
79	9010	Supervision		-	-	-	-
80	9040	Uncollectible Accts		65	-	523	588
81	9050	Misc Customer Acct Expense		-	-	-	-
82							
83		<u>Subtotal Customer Accounting</u>		<u>65</u>	<u>-</u>	<u>523</u>	<u>588</u>
84							
85		<u>Cust. Service & Information Expense</u>	II-D-1				
86	9060	Customer Svc. & Infor.		-	-	-	-
87	9080	Customer Assistance		33,734	-	(30,684)	3,050
88	9090	Inform. & Instruct Adv. Exp		3,914	-	260	4,174
89							
90		<u>Subtotal 906-909</u>		<u>37,648</u>	<u>-</u>	<u>(30,424)</u>	<u>7,224</u>
91							
92	9070	Supervision		627	-	(627)	-
93	9100	Misc Cust. Service & Inform		228	-	(222)	6
94							
95		<u>Subtotal 907 & 910</u>		<u>855</u>	<u>-</u>	<u>(849)</u>	<u>6</u>
96							
97		<u>TOTAL-CUSTOMER SERVICE & INFO.</u>	II-D-1	<u>71,313</u>	<u>-</u>	<u>(30,255)</u>	<u>41,058</u>
98							

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73		Customer Accounting Expenses	II-D-1								
74	9020	Meter Reading Exp		4	MET	1,499	-	-	1,499	-	1,499
75	9030	Cust Records & Colle		5	TDCS	31,741	-	-	-	31,741	31,741
76											
77		Subtotal 902-903				33,240	-	-	1,499	31,741	33,240
78											
79	9010	Supervision		1	DA	-	-	-	-	-	-
80	9040	Uncollectible Accts		5	TDCS	588	-	-	-	588	588
81	9050	Misc. Customer Acct Expense		1	DA	-	-	-	-	-	-
82											
83		Subtotal Customer Accounting				588	-	-	-	588	588
84											
85		Cust. Service & Information Expense	II-D-1								
86	9060	Customer Svc & Infor.		1	DA	-	-	-	-	-	-
87	9080	Customer Assistance		5	TDCS	3,050	-	-	-	3,050	3,050
88	9090	Inform. & Instruct Adv. Exp.		5	TDCS	4,174	-	-	-	4,174	4,174
89											
90		Subtotal 906-909				7,224	-	-	-	7,224	7,224
91											
92	9070	Supervision		1	DA	-	-	-	-	-	-
93	9100	Misc. Cust Service & Inform.		5	TDCS	6	-	-	-	6	6
94											
95		Subtotal 907 & 910				6	-	-	-	6	6
96											
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1			41,058	-	-	1,499	39,559	41,058
98											

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1 OPERATION AND MAINTENANCE EXPENSES
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
99		Sales Expense	II-D-1				
100	9120	Demonstrating & Selling Exp.		-	-	-	-
101	9130	Advertising Exp		-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-
103	9170	Sales Expense		-	-	-	-
104							
105		Subtotal 912-917		-	-	-	-
106							
107	9110	Supervision		-	-	-	-
108	9160	Misc. Sales Exp		-	-	-	-
109							
110		Subtotal -Sales		-	-	-	-
111							
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-
113							
114		TOTAL O&M EXPENSE	II-D-1	1,185,508	-	(263,653)	921,855

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1 OPERATION AND MAINTENANCE EXPENSES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
99		<u>Sales Expense</u>	II-D-1								
100	9120	Demonstrating & Selling Exp		1	DA	-	-	-	-	-	-
101	9130	Advertising Exp.		1	DA	-	-	-	-	-	-
102	9160	Misc Sales Exp		1	DA	-	-	-	-	-	-
103	9170	Sales Expense		1	DA	-	-	-	-	-	-
104											
105		<u>Subtotal 912-917</u>				-	-	-	-	-	-
106											
107	9110	Supervision		1	DA	-	-	-	-	-	-
108	9160	Misc. Sales Exp		1	DA	-	-	-	-	-	-
109											
110		<u>Subtotal -Sales</u>				-	-	-	-	-	-
111											
112		<u>TOTAL SALES EXPENSE</u>	II-D-1			-	-	-	-	-	-
113											
114		<u>TOTAL O&M EXPENSE</u>	II-D-1			921,855	607,054	234,668	40,574	39,559	921,855

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1a OPERATION AND MAINTENANCE EXPENSES - PRIOR THREE YEARS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Adjusted Test Year 2018	Prior Year 2017	Prior Year 2016	Prior Year 2015
1		Transmission Expense					
2							
3		Operation	II-D-1a				
4	5600	Oper Supv & Eng		13,296	11,124	9,733	8,686
5	5610	Load Dispatching		-	-	-	-
6	5611	Load Dispatching		48	56	53	39
7	5612	Load Dispatching		5,134	4,484	4,686	4,276
8	5613	Load Dispatching		352	276	324	207
9	5614	Scheduling, Control, and Dispatching Services		899	771	829	706
10	5615	Reliability, Planning, and Standards		1,063	787	735	702
11	5617	General Studies		181	119	103	89
12	5620	Station Exp		247	94	102	105
13	5630	Overhead Line Exp		887	844	770	871
14	5640	Underground Line Exp		-	(3)	(1)	-
15	5650	Transmission of Electricity by Others		549,043	823,025	767,383	712,144
16	5660	Misc Transmission Ex		3,694	3,443	3,266	3,322
17	5670	Rents		98	139	56	16
18							
19		Subtotal 560-567		574,942	845,159	788,039	731,163
20							
21		Maintenance	II-D-1a				
22	5680	Maintenance Super. & Engin.		-	-	-	-
23	5690	Maint of Structures		845	569	561	416
24	5700	Maint of Sta Equip		10,834	7,818	7,229	6,618
25	5710	Maint of Ovrhd Lines		15,664	13,524	14,631	12,999
26	5720	Maint of Undrg Lines		-	(3)	(1)	-
27	5730	Maint of Misc Trans		516	451	466	488
28							
29		Subtotal 568-573		27,859	22,359	22,886	20,521
30							
31		TOTAL TRANSMISSION EXPENSE	II-D-1a	602,801	867,518	810,925	751,684
32							

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1a OPERATION AND MAINTENANCE EXPENSES - PRIOR THREE YEARS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Adjusted Test Year 2018	Prior Year 2017	Prior Year 2016	Prior Year 2015
33		Distribution Expense					
34							
35		Operation					
36	5810	Load Dispatching	II-D-1a	3,388	3,063	3,587	3,516
37	5820	Station Exp		1,152	1,615	1,593	1,596
38	5830	Ovrhd Line Exp		3,748	2,655	2,698	3,056
39	5840	Undrgr Line Exp		8,439	7,470	6,725	6,888
40	5850	St Light & Signal Ex		55	54	57	89
41	5860	Meter Exp		31,315	22,935	29,102	30,359
42	5870	Cust Installat Exp		3,042	2,751	2,662	2,919
43	5890	Rents		125	437	55	156
44							
45		Subtotal 581-589		51,264	40,980	46,479	48,579
46							
47	5800	Oper Supv & Eng		54,187	49,265	44,372	38,567
48	5880	Misc Distrib Exp		36,164	32,547	28,639	28,510
49							
50		Subtotal 580 & 588		90,351	81,812	73,011	67,077
51							
52		Distribution-Operation-Total		141,615	122,792	119,490	115,656
53							
54		Maintenance	II-D-1a				
55	5910	Maint of Structures		847	771	1,282	1,232
56	5920	Maint of Sta Equip		12,964	12,181	12,036	12,441
57	5930	Maint of Ovhd Lines		85,273	75,173	74,670	68,331
58	5940	Maint of Undrg Lines		13,218	9,811	8,857	9,274
59	5950	Maint of Line Transf		4,970	4,669	4,653	4,673
60	5960	Maint St Lite & Sig		3,771	3,297	4,087	4,768
61	5970	Maint of Meters		7,760	6,916	6,957	6,486
62	5980	Maint. of Misc. Dist. Plant. (371&372)		2,051	1,947	1,083	1,088
63							
64		Subtotal 591-598		130,854	114,765	113,625	108,293
65							
66	5900	Maint Supv & Eng		5,527	5,563	5,306	5,645
67	5982	Maint. of Misc. Dist. Plant. - OTHER		-	-	-	-
68							
69		Subtotal 590 & 598.2		5,527	5,563	5,306	5,645
70							
71		TOTAL DISTRIBUTION EXPENSE	II-D-1a	277,996	243,120	238,421	229,594

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1a OPERATION AND MAINTENANCE EXPENSES - PRIOR THREE YEARS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Adjusted Test Year 2018	Prior Year 2017	Prior Year 2016	Prior Year 2015
72							
73		Customer Accounting Expenses	II-D-1a				
74	9020	Meter Reading Exp		1,499	1,471	1,388	1,508
75	9030	Cust Records & Colle		31,741	30,823	32,810	33,843
76							
77		Subtotal 902-903		33,240	32,294	34,198	35,351
78							
79	9010	Supervision		-	-	-	-
80	9040	Uncollectible Accts		588	61	111	129
81	9050	Misc. Customer Acct Expense		-	-	-	-
82							
83		Subtotal Customer Accounting		588	61	111	129
84							
85		Cust. Service & Information Expense	II-D-1a				
86	9060	Customer Svc. & Infor.		-	-	-	-
87	9080	Customer Assistance		3,050	31,614	34,516	38,936
88	9090	Inform. & Instruct Adv Exp.		4,174	3,338	3,001	2,992
89							
90		Subtotal 906-909		7,224	34,952	37,517	41,928
91							
92	9070	Supervision		-	593	651	733
93	9100	Misc. Cust. Service & Inform.		6	8	134	228
94							
95		Subtotal 907 & 910		6	601	785	961
96							
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1a	41,058	67,908	72,611	78,369
98							

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1a OPERATION AND MAINTENANCE EXPENSES - PRIOR THREE YEARS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Adjusted Test Year 2018	Prior Year 2017	Prior Year 2016	Prior Year 2015
99		Sales Expense	II-D-1a				
100	9120	Demonstrating & Selling Exp.		-	-	-	-
101	9130	Advertising Exp.		-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-
103	9170	Sales Expense		-	-	-	-
104							
105		Subtotal 912-917		-	-	-	-
106							
107	9110	Supervision		-	-	-	-
108	9160	Misc. Sales Exp.		-	-	-	-
109							
110		Subtotal -Sales		-	-	-	-
111							
112		TOTAL SALES EXPENSE	II-D-1a	-	-	-	-
113							
114		TOTAL O&M EXPENSE	II-D-1a	921,855	1,178,546	1,121,957	1,059,647

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN

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(THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4	5	6	7	8
				January	February	March	April	May	June	July	August
1		Transmission Expense									
2											
3		Operation	II-D-1								
4	5600	Operation Super. & Engin.		1,049	873	1,106	1,016	1,109	1,059	1,177	1,006
5	5610	Load Dispatching		-	-	-	-	-	-	-	-
6	5611	Load Dispatching		5	4	4	4	4	4	4	4
7	5612	Load Dispatching		348	391	405	393	380	432	345	362
8	5613	Load Dispatching		19	27	30	25	23	18	17	16
9	5614	Scheduling, Control, and Dispatching Services		36	43	124	42	40	112	30	115
10	5615	Reliability, Planning, and Standards		70	87	85	76	77	81	84	75
11	5617	General Studies		15	18	12	8	13	10	14	10
12	5620	Station Equipment		21	-	3	4	21	6	22	11
13	5630	Overhead Line Expense		76	61	60	63	95	57	55	65
14	5640	Underground Line Expense		-	(1)	(1)	-	-	-	-	-
15	5650	Transmission of Electricity by Others		68,860	68,914	62,404	66,193	65,406	66,371	65,329	65,687
16	5660	Misc. Transmission Expense		293	265	347	234	360	301	295	352
17	5670	Rents		7	16	7	7	7	7	7	11
18											
19		Subtotal 560-567		70,799	70,698	64,586	68,065	67,535	68,458	67,379	67,714
20											
21		Maintenance	II-D-1								
22	5680	Maintenance Super & Engin		-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		44	20	68	63	47	66	90	47
24	5700	Maint. of Station Equipment		1,135	841	883	716	837	746	622	846
25	5710	Maint. of Overhead Lines		560	791	1,566	930	1,710	1,003	1,123	1,366
26	5720	Maint. of Underground Lines		-	(1)	(1)	-	-	-	-	-
27	5730	Maint. of Misc. Trans Plant		31	33	62	29	31	62	30	66
28											
29		Subtotal 568-573		1,770	1,684	2,578	1,738	2,625	1,877	1,865	2,325
30											
31		TOTAL TRANSMISSION EXPENSE	II-D-1	72,569	72,382	67,164	69,803	70,160	70,335	69,244	70,039

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN**

(THOUSANDS OF DOLLARS)

9	10	11	12	13	14	15	16
September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
965	1,299	1,094	1,320	13,073	-	222	13,295
-	-	-	-	-	-	-	-
4	4	4	4	49	-	1	50
413	420	419	766	5,074	-	61	5,135
20	23	17	115	350	-	3	353
47	39	112	144	884	-	14	898
99	84	80	118	1,016	-	46	1,062
27	11	11	17	166	-	15	181
13	17	25	45	188	-	61	249
59	66	78	107	842	-	45	887
-	-	-	-	(2)	-	2	-
65,761	67,413	67,732	61,239	791,309	-	(242,265)	549,044
267	269	189	375	3,547	-	146	3,693
7	8	7	8	99	-	-	99
67,682	69,653	69,768	64,258	816,595	-	(241,649)	574,946
-	-	-	-	-	-	-	-
77	61	46	111	740	-	106	846
815	824	662	1,588	10,515	-	318	10,833
1,724	1,001	1,376	2,410	15,560	-	103	15,663
-	-	-	-	(2)	-	2	-
30	30	75	33	512	-	3	515
2,646	1,916	2,159	4,142	27,325	-	532	27,857
70,328	71,569	71,927	68,400	843,920	-	(241,117)	602,803

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4	5	6	7	8
				January	February	March	April	May	June	July	August
32											
33		Distribution Expense									
34											
35		<u>Operation</u>	II-D-1								
36	5810	Load Dispatching		211	239	293	245	235	296	215	257
37	5820	Station Expense		80	19	47	27	91	47	101	49
38	5830	Overhead Line Expense -Primary		255	233	153	277	270	305	337	314
39	5840	Underground Line Expense		611	521	722	614	655	693	736	803
40	5850	Street Lights		6	-	(5)	9	4	-	1	9
41	5860	Meter Expenses		1,792	1,886	2,812	2,299	2,638	2,590	1,671	2,376
42	5870	Customer Installation Expense		227	219	197	248	223	244	264	263
43	5890	Rents		7	7	7	7	7	7	7	37
44											
45		Subtotal 581-589		3,189	3,124	4,226	3,726	4,123	4,182	3,332	4,108
46											
47	5800	Operation Super. & Engin.		3,723	3,475	4,581	3,906	4,336	4,127	4,509	4,347
48	5880	Misc. Distribution Expenses		2,994	2,428	3,015	3,140	2,797	2,562	3,106	3,263
49											
50		Subtotal 580 & 588		6,717	5,903	7,596	7,046	7,133	6,689	7,615	7,610
51											
52		Distribution-Operation-Total		9,906	9,027	11,822	10,772	11,256	10,871	10,947	11,718
53											
54		<u>Maintenance</u>	II-D-1								
55	5910	Maint. of Structures		17	23	78	75	89	59	93	122
56	5920	Maint. of Station Equipment		1,161	948	863	906	958	1,006	1,173	1,265
57	5930	Maint. of Overhead Lines-Primary		6,729	6,130	6,546	6,863	7,077	7,148	6,314	8,653
58	5940	Maint. of Underground Lines-Primary		1,358	1,002	799	1,090	1,061	1,019	796	953
59	5950	Maint. of Line Transformers		(312)	409	401	269	440	673	530	476
60	5960	Maint. of Street Lights		318	254	281	352	346	255	264	391
61	5970	Maint. of Meters		632	718	618	583	654	625	733	697
62	5980	Maint. of Misc. Dist. Plant (371&372)		191	95	55	92	109	82	79	160
63											
64		Subtotal 591-598		10,094	9,579	9,641	10,230	10,734	10,867	9,982	12,717
65											
66	5900	Maintenance Super. & Engin		400	326	446	430	394	570	507	442
67	5982	Maint. of Misc. Dist. Plant - OTHER		-	-	-	-	-	-	-	-
68											
69		Subtotal 590 & 598.2		400	326	446	430	394	570	507	442
70											
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	20,400	18,932	21,909	21,432	22,384	22,308	21,436	24,877
72											

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)**

9	10	11	12	13	14	15	16
September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
254	258	289	536	3,328	-	60	3,388
65	80	107	207	920	-	231	1,151
306	152	378	428	3,408	-	341	3,749
696	544	716	846	8,157	-	283	8,440
4	6	6	9	49	-	7	56
1,917	2,562	2,161	2,560	27,264	-	4,053	31,317
244	257	263	272	2,921	-	122	3,043
7	13	10	10	126	-	-	126
3,493	3,872	3,930	4,868	46,173	-	5,097	51,270
4,110	6,011	4,724	5,497	53,346	-	841	54,187
3,063	3,372	2,827	3,113	35,680	-	484	36,164
7,173	9,383	7,551	8,610	89,026	-	1,325	90,351
10,666	13,255	11,481	13,478	135,199	-	6,422	141,621
155	53	6	50	820	-	27	847
926	1,232	987	1,111	12,536	-	428	12,964
7,405	6,570	8,162	7,112	84,709	-	564	85,273
1,033	1,344	1,379	1,157	12,991	-	228	13,219
273	435	377	999	4,970	-	-	4,970
176	422	260	408	3,727	-	44	3,771
636	699	597	565	7,757	-	2	7,759
223	234	336	397	2,053	-	(2)	2,051
10,827	10,989	12,104	11,799	129,563	-	1,291	130,854
536	758	469	243	5,521	-	6	5,527
-	-	-	-	-	-	-	-
536	758	469	243	5,521	-	6	5,527
22,029	25,002	24,054	25,520	270,283	-	7,719	278,002

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4	5	6	7	8
				January	February	March	April	May	June	July	August
73		Customer Accounting Expenses	II-D-1								
74	9020	Meter Reading Expense		142	144	135	131	114	107	127	120
75	9030	Customer Records & Collection		2,172	2,483	2,536	2,691	2,415	2,779	2,748	2,776
76											
77		Subtotal 902-903		2,314	2,627	2,671	2,822	2,529	2,886	2,875	2,896
78											
79	9010	Supervision		-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		-	-	-	-	-	-	-	-
81	9050	Misc. Customer Account Exp.		-	-	-	-	-	-	-	-
82											
83		Subtotal Customer Accounting		-	-	-	-	-	-	-	-
84											
85		Cust. Service & Information Expense	II-D-1								
86	9060	Customer Svc & Infor		-	-	-	-	-	-	-	-
87	9080	Customer Assistance		1,188	472	1,254	1,451	2,480	2,439	2,171	3,155
88	9090	Inform. & Instruct. Adv Exp		186	186	189	195	555	488	648	422
89											
90		Subtotal 906-909		1,374	658	1,443	1,646	3,035	2,927	2,819	3,577
91											
92	9070	Supervision		21	6	19	25	47	42	41	57
93	9100	Misc. Cust. Service & Inform		50	14	1	11	-	8	7	-
94											
95		Subtotal 907 & 910		71	20	20	36	47	50	48	57
96											
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1	3,759	3,305	4,134	4,504	5,611	5,863	5,742	6,530
98											

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN**

(THOUSANDS OF DOLLARS)

9	10	11	12	13	14	15	16
September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
108	115	128	123	1,494	-	4	1,498
2,787	2,656	2,235	2,972	31,250	-	491	31,741
2,895	2,771	2,363	3,095	32,744	-	495	33,239
-	-	-	-	-	-	-	-
64	-	-	-	64	-	523	587
-	-	-	-	-	-	-	-
64	-	-	-	64	-	523	587
-	-	-	-	-	-	-	-
2,172	5,803	3,671	7,479	33,735	-	(30,684)	3,051
218	158	228	441	3,914	-	260	4,174
2,390	5,961	3,899	7,920	37,649	-	(30,424)	7,225
40	114	67	147	626	-	(627)	(1)
31	-	105	-	227	-	(222)	5
71	114	172	147	853	-	(849)	4
5,420	8,846	6,434	11,162	71,310	-	(30,255)	41,055

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4	5	6	7	8
				January	February	March	April	May	June	July	August
99		Sales Expense	II-D-1								
100	9120	Demonstrating & Selling Exp.		-	-	-	-	-	-	-	-
101	9130	Advertising Exp.		-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-	-	-	-	-
103	9170	Sales Expense		-	-	-	-	-	-	-	-
104											
105		Subtotal 912-917		-	-	-	-	-	-	-	-
106											
107	9110	Supervision		-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		-	-	-	-	-	-	-	-
109											
110		Subtotal -Sales		-	-	-	-	-	-	-	-
111											
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-	-	-	-	-
113											
114		TOTAL O&M EXPENSE	II-D-1	96,728	94,619	93,207	95,739	98,155	98,506	96,422	101,446

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN**

(THOUSANDS OF DOLLARS)

9	10	11	12	13	14	15	16
September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
97,777	105,417	102,415	105,082	1,185,513	-	(263,653)	921,860

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1		Transmission Expense										
2												
3		<u>Operation</u>	II-D-1									
4	5600	Operation Super. & Engin.		2	TRAN	1,049	873	1,106	1,016	1,109	1,059	1,177
5	5610	Load Dispatching		2	TRAN	-	-	-	-	-	-	-
6	5611	Load Dispatching		2	TRAN	5	4	4	4	4	4	4
7	5612	Load Dispatching		2	TRAN	348	391	405	393	380	432	345
8	5613	Load Dispatching		2	TRAN	19	27	30	25	23	18	17
9	5614	Scheduling, Control, and Dispatching Services		2	TRAN	36	43	124	42	40	112	30
10	5615	Reliability, Planning, and Standards		2	TRAN	70	87	85	76	77	81	84
11	5617	General Studies		2	TRAN	15	18	12	8	13	10	14
12	5620	Station Equipment		2	TRAN	21	-	3	4	21	6	22
13	5630	Overhead Line Expense		2	TRAN	76	61	60	63	95	57	55
14	5640	Underground Line Expense		2	TRAN	-	(1)	(1)	-	-	-	-
15	5650	Transmission of Electricity by Others		2	TRAN	68,860	68,914	62,404	66,193	65,406	66,371	65,329
16	5660	Misc Transmission Expense		2	TRAN	293	265	347	234	360	301	295
17	5670	Rents		2	TRAN	7	16	7	7	7	7	7
18												
19		Subtotal 560-567				70,799	70,698	64,586	68,065	67,535	68,458	67,379
20												
21		<u>Maintenance</u>	II-D-1									
22	5680	Maintenance Super & Engin.		2	TRAN	-	-	-	-	-	-	-
23	5690	Maint of Structures		28	E35301	41	18	63	58	43	61	83
24	5700	Maint. of Station Equipment		28	E35301	1,046	775	814	660	772	688	573
25	5710	Maint. of Overhead Lines		2	TRAN	560	791	1,566	930	1,710	1,003	1,123
26	5720	Maint. of Underground Lines		2	TRAN	-	(1)	(1)	-	-	-	-
27	5730	Maint. of Misc. Trans.Plant		2	TRAN	31	33	62	29	31	62	30
28												
29		Subtotal 568-573				1,678	1,617	2,504	1,677	2,556	1,814	1,809
30												
31		TOTAL TRANSMISSION EXPENSE	II-D-1			72,477	72,315	67,090	69,742	70,091	70,272	69,188
32												

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Transmission Expense										
2												
3		<u>Operation</u>	II-D-1									
4	5600	Operation Super. & Engin.		1,006	965	1,299	1,094	1,320	13,073	-	222	13,295
5	5610	Load Dispatching		-	-	-	-	-	-	-	-	-
6	5611	Load Dispatching		4	4	4	4	4	49	-	1	50
7	5612	Load Dispatching		362	413	420	419	766	5,074	-	61	5,135
8	5613	Load Dispatching		16	20	23	17	115	350	-	3	353
9	5614	Scheduling, Control, and Dispatching Services		115	47	39	112	144	884	-	14	898
10	5615	Reliability, Planning, and Standards		75	99	84	80	118	1,016	-	46	1,062
11	5617	General Studies		10	27	11	11	17	166	-	15	181
12	5620	Station Equipment		11	13	17	25	45	188	-	61	249
13	5630	Overhead Line Expense		65	59	66	78	107	842	-	45	887
14	5640	Underground Line Expense		-	-	-	-	-	(2)	-	2	-
15	5650	Transmission of Electricity by Others		65,687	65,761	67,413	67,732	61,239	791,309	-	(242,265)	549,044
16	5660	Misc. Transmission Expense		352	267	269	189	375	3,547	-	146	3,693
17	5670	Rents		11	7	8	7	8	99	-	-	99
18												
19		Subtotal 560-567		67,714	67,682	69,653	69,768	64,258	816,595	-	(241,649)	574,946
20												
21		<u>Maintenance</u>	II-D-1									
22	5680	Maintenance Super. & Engin.		-	-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		43	71	56	42	102	682	-	98	780
24	5700	Maint. of Station Equipment		780	751	760	610	1,464	9,694	-	293	9,987
25	5710	Maint. of Overhead Lines		1,366	1,724	1,001	1,376	2,410	15,560	-	103	15,663
26	5720	Maint. of Underground Lines		-	-	-	-	-	(2)	-	2	-
27	5730	Maint. of Misc. Trans.Plant		66	30	30	75	33	512	-	3	515
28												
29		Subtotal 568-573		2,255	2,576	1,847	2,104	4,009	26,446	-	499	26,945
30												
31		TOTAL TRANSMISSION EXPENSE	II-D-1	69,969	70,258	71,500	71,872	68,267	843,041	-	(241,150)	601,891
32												

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
33		Distribution Expense										
34												
35		Operation	II-D-1									
36	5810	Load Dispatching		3	DIST	-	-	-	-	-	-	-
37	5820	Station Expense		3	DIST	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		3	DIST	-	-	-	-	-	-	-
39	5840	Underground Line Expense		3	DIST	-	-	-	-	-	-	-
40	5850	Street Lights		3	DIST	-	-	-	-	-	-	-
41	5860	Meter Expenses		4	MET	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		3	DIST	-	-	-	-	-	-	-
43	5890	Rents		3	DIST	-	-	-	-	-	-	-
44												
45		Subtotal 581-589				-	-	-	-	-	-	-
46												
47	5800	Operation Super. & Engin		3	DIST	-	-	-	-	-	-	-
48	5880	Misc Distribution Expenses		3	DIST	-	-	-	-	-	-	-
49												
50		Subtotal 580 & 588				-	-	-	-	-	-	-
51												
52		Distribution-Operation-Total				-	-	-	-	-	-	-
53												
54		Maintenance	II-D-1									
55	5910	Maint of Structures		38	E36201	6	9	29	28	33	22	35
56	5920	Maint. of Station Equipment		38	E36201	434	355	323	339	358	376	439
57	5930	Maint. of Overhead Lines-Primary		3	DIST	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		3	DIST	-	-	-	-	-	-	-
59	5950	Maint. of Line Transformers		3	DIST	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		3	DIST	-	-	-	-	-	-	-
61	5970	Maint. of Meters		4	MET	-	-	-	-	-	-	-
62	5980	Maint of Misc Dist. Plant.(371&372)		3	DIST	-	-	-	-	-	-	-
63												
64		Subtotal 591-598				441	363	352	367	392	398	474
65												
66	5900	Maintenance Super & Engin.		3	DIST	-	-	-	-	-	-	-
67	5982	Maint. of Misc Dist Plant - OTHER		3	DIST	-	-	-	-	-	-	-
68												
69		Subtotal 590 & 598.2				-	-	-	-	-	-	-
70												
71		TOTAL DISTRIBUTION EXPENSE	II-D-1			441	363	352	367	392	398	474

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
33		Distribution Expense										
34												
35		<u>Operation</u>	II-D-1									
36	5810	Load Dispatching		-	-	-	-	-	-	-	-	-
37	5820	Station Expense		-	-	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		-	-	-	-	-	-	-	-	-
39	5840	Underground Line Expense		-	-	-	-	-	-	-	-	-
40	5850	Street Lights		-	-	-	-	-	-	-	-	-
41	5860	Meter Expenses		-	-	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		-	-	-	-	-	-	-	-	-
43	5890	Rents		-	-	-	-	-	-	-	-	-
44												
45		Subtotal 581-589		-	-	-	-	-	-	-	-	-
46												
47	5800	Operation Super. & Engin		-	-	-	-	-	-	-	-	-
48	5880	Misc Distribution Expenses		-	-	-	-	-	-	-	-	-
49												
50		Subtotal 580 & 588		-	-	-	-	-	-	-	-	-
51												
52		Distribution-Operation-Total		-	-	-	-	-	-	-	-	-
53												
54		<u>Maintenance</u>	II-D-1									
55	5910	Maint. of Structures		46	58	20	2	19	307	-	10	317
56	5920	Maint of Station Equipment		473	346	461	369	416	4,689	-	160	4,849
57	5930	Maint of Overhead Lines-Primary		-	-	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		-	-	-	-	-	-	-	-	-
59	5950	Maint of Line Transformers		-	-	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		-	-	-	-	-	-	-	-	-
61	5970	Maint. of Meters		-	-	-	-	-	-	-	-	-
62	5980	Maint. of Misc. Dist. Plant (371&372)		-	-	-	-	-	-	-	-	-
63												
64		Subtotal 591-598		519	404	481	371	434	4,995	-	170	5,166
65												
66	5900	Maintenance Super. & Engin.		-	-	-	-	-	-	-	-	-
67	5982	Maint. of Misc Dist. Plant. - OTHER		-	-	-	-	-	-	-	-	-
68												
69		Subtotal 590 & 598.2		-	-	-	-	-	-	-	-	-
70												
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	519	404	481	371	434	4,995	-	170	5,166

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
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SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
72												
73		Customer Accounting Expenses	II-D-1									
74	9020	Meter Reading Expense		4	MET	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		5	TDCS	-	-	-	-	-	-	-
76												
77		Subtotal 902-903				-	-	-	-	-	-	-
78												
79	9010	Supervision		1	DA	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		5	TDCS	-	-	-	-	-	-	-
81	9050	Misc. Customer Account Exp.		1	DA	-	-	-	-	-	-	-
82												
83		Subtotal Customer Accounting				-	-	-	-	-	-	-
84												
85		Cust. Service & Information Expense	II-D-1									
86	9060	Customer Svc & Infor		1	DA	-	-	-	-	-	-	-
87	9080	Customer Assistance		5	TDCS	-	-	-	-	-	-	-
88	9090	Inform & Instruct Adv. Exp.		5	TDCS	-	-	-	-	-	-	-
89												
90		Subtotal 906-909				-	-	-	-	-	-	-
91												
92	9070	Supervision		1	DA	-	-	-	-	-	-	-
93	9100	Misc. Cust Service & Inform.		5	TDCS	-	-	-	-	-	-	-
94												
95		Subtotal 907 & 910				-	-	-	-	-	-	-
96												
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1			-	-	-	-	-	-	-
98												

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
72												
73		Customer Accounting Expenses	II-D-1									
74	9020	Meter Reading Expense		-	-	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		-	-	-	-	-	-	-	-	-
76												
77		Subtotal 902-903		-	-	-	-	-	-	-	-	-
78												
79	9010	Supervision		-	-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		-	-	-	-	-	-	-	-	-
81	9050	Misc Customer Account Exp.		-	-	-	-	-	-	-	-	-
82												
83		Subtotal Customer Accounting		-	-	-	-	-	-	-	-	-
84												
85		Cust. Service & Information Expense	II-D-1									
86	9060	Customer Svc & Infor		-	-	-	-	-	-	-	-	-
87	9080	Customer Assistance		-	-	-	-	-	-	-	-	-
88	9090	Inform. & Instruct Adv Exp.		-	-	-	-	-	-	-	-	-
89												
90		Subtotal 906-909		-	-	-	-	-	-	-	-	-
91												
92	9070	Supervision		-	-	-	-	-	-	-	-	-
93	9100	Misc. Cust. Service & Inform.		-	-	-	-	-	-	-	-	-
94												
95		Subtotal 907 & 910		-	-	-	-	-	-	-	-	-
96												
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1	-	-	-	-	-	-	-	-	-
98												

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
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Line No	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
99		<u>Sales Expense</u>	II-D-1									
100	9120	Demonstrating & Selling Exp.		1	DA	-	-	-	-	-	-	-
101	9130	Advertising Exp		1	DA	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		1	DA	-	-	-	-	-	-	-
103	9170	Sales Expense		1	DA	-	-	-	-	-	-	-
104												
105		<u>Subtotal 912-917</u>				-	-	-	-	-	-	-
106												
107	9110	Supervision		1	DA	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		1	DA	-	-	-	-	-	-	-
109												
110		<u>Subtotal -Sales</u>				-	-	-	-	-	-	-
111												
112		<u>TOTAL SALES EXPENSE</u>	II-D-1			-	-	-	-	-	-	-
113												
114		<u>TOTAL O&M EXPENSE</u>	II-D-1			72,918	72,678	67,442	70,109	70,483	70,670	69,662

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
99		Sales Expense	II-D-1									
100	9120	Demonstrating & Selling Exp.		-	-	-	-	-	-	-	-	-
101	9130	Advertising Exp		-	-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-	-	-	-	-	-
103	9170	Sales Expense		-	-	-	-	-	-	-	-	-
104												
105		Subtotal 912-917		-	-	-	-	-	-	-	-	-
106												
107	9110	Supervision		-	-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp		-	-	-	-	-	-	-	-	-
109												
110		Subtotal -Sales		-	-	-	-	-	-	-	-	-
111												
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-	-	-	-	-	-
113												
114		TOTAL O&M EXPENSE	II-D-1	70,488	70,663	71,980	72,243	68,702	848,036	-	(240,980)	607,056

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
1		Transmission Expense											
2													
3		<u>Operation</u>	II-D-1										
4	5600	Operation Super. & Engin.		2	TRAN	-	-	-	-	-	-	-	-
5	5610	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
6	5611	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
7	5612	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
8	5613	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		2	TRAN	-	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		2	TRAN	-	-	-	-	-	-	-	-
11	5617	General Studies		2	TRAN	-	-	-	-	-	-	-	-
12	5620	Station Equipment		2	TRAN	-	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		2	TRAN	-	-	-	-	-	-	-	-
14	5640	Underground Line Expense		2	TRAN	-	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		2	TRAN	-	-	-	-	-	-	-	-
16	5660	Misc. Transmission Expense		2	TRAN	-	-	-	-	-	-	-	-
17	5670	Rents		2	TRAN	-	-	-	-	-	-	-	-
18													
19		Subtotal 560-567				-	-	-	-	-	-	-	-
20													
21		<u>Maintenance</u>	II-D-1										
22	5680	Maintenance Super. & Engin.				-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		28	E35301	3	2	5	5	4	5	7	4
24	5700	Maint. of Station Equipment		28	E35301	89	66	69	56	65	58	49	66
25	5710	Maint. of Overhead Lines		2	TRAN	-	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		2	TRAN	-	-	-	-	-	-	-	-
27	5730	Maint. of Misc Trans.Plant		2	TRAN	-	-	-	-	-	-	-	-
28													
29		Subtotal 568-573				92	67	74	61	69	63	56	70
30													
31		TOTAL TRANSMISSION EXPENSE	II-D-1			92	67	74	61	69	63	56	70
32													

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Transmission Expense									
2											
3		Operation	II-D-1								
4	5600	Operation Super. & Engin.		-	-	-	-	-	-	-	-
5	5610	Load Dispatching		-	-	-	-	-	-	-	-
6	5611	Load Dispatching		-	-	-	-	-	-	-	-
7	5612	Load Dispatching		-	-	-	-	-	-	-	-
8	5613	Load Dispatching		-	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		-	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		-	-	-	-	-	-	-	-
11	5617	General Studies		-	-	-	-	-	-	-	-
12	5620	Station Equipment		-	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		-	-	-	-	-	-	-	-
14	5640	Underground Line Expense		-	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		-	-	-	-	-	-	-	-
16	5660	Misc. Transmission Expense		-	-	-	-	-	-	-	-
17	5670	Rents		-	-	-	-	-	-	-	-
18											
19		Subtotal 560-567		-	-	-	-	-	-	-	-
20											
21		Maintenance	II-D-1								
22	5680	Maintenance Super. & Engin.		-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		6	5	4	9	58	-	8	66
24	5700	Maint. of Station Equipment		64	64	52	124	821	-	25	846
25	5710	Maint. of Overhead Lines		-	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		-	-	-	-	-	-	-	-
27	5730	Maint. of Misc. Trans Plant		-	-	-	-	-	-	-	-
28											
29		Subtotal 568-573		70	69	55	133	879	-	33	912
30											
31		TOTAL TRANSMISSION EXPENSE	II-D-1	70	69	55	133	879	-	33	912
32											

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
33		Distribution Expense											
34													
35		<u>Operation</u>	II-D-1										
36	5810	Load Dispatching		3	DIST	211	239	293	245	235	296	215	257
37	5820	Station Expense		3	DIST	80	19	47	27	91	47	101	49
38	5830	Overhead Line Expense -Primary		3	DIST	255	233	153	277	270	305	337	314
39	5840	Underground Line Expense		3	DIST	611	521	722	614	655	693	736	803
40	5850	Street Lights		3	DIST	6	-	(5)	9	4	-	1	9
41	5860	Meter Expenses		4	MET	-	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		3	DIST	227	219	197	248	223	244	264	263
43	5890	Rents		3	DIST	7	7	7	7	7	7	7	37
44													
45		Subtotal 581-589				1,397	1,238	1,414	1,427	1,485	1,592	1,661	1,732
46													
47	5800	Operation Super. & Engin.		3	DIST	3,723	3,475	4,581	3,906	4,336	4,127	4,509	4,347
48	5880	Misc. Distribution Expenses		3	DIST	2,994	2,428	3,015	3,140	2,797	2,562	3,106	3,263
49													
50		Subtotal 580 & 588				6,717	5,903	7,596	7,046	7,133	6,689	7,615	7,610
51													
52		Distribution-Operation-Total				8,114	7,141	9,010	8,473	8,618	8,281	9,276	9,342
53													
54		<u>Maintenance</u>	II-D-1										
55	5910	Maint. of Structures		38	E36201	11	14	49	47	56	37	58	76
56	5920	Maint. of Station Equipment		38	E36201	727	593	540	567	600	630	734	792
57	5930	Maint. of Overhead Lines-Primary		3	DIST	6,729	6,130	6,546	6,863	7,077	7,148	6,314	8,653
58	5940	Maint. of Underground Lines-Primary		3	DIST	1,358	1,002	799	1,090	1,061	1,019	796	953
59	5950	Maint. of Line Transformers		3	DIST	(312)	409	401	269	440	673	530	476
60	5960	Maint. of Street Lights		3	DIST	318	254	281	352	346	255	264	391
61	5970	Maint. of Meters		4	MET	-	-	-	-	-	-	-	-
62	5980	Maint. of Misc. Dist. Plant.(371&372)		3	DIST	191	95	55	92	109	82	79	160
63													
64		Subtotal 591-598				9,021	8,498	8,671	9,280	9,688	9,844	8,775	11,501
65													
66	5900	Maintenance Super.& Engin.		3	DIST	400	326	446	430	394	570	507	442
67	5982	Maint of Misc Dist. Plant. - OTHER				-	-	-	-	-	-	-	-
68													
69		Subtotal 590 & 598.2				400	326	446	430	394	570	507	442
70													
71		TOTAL DISTRIBUTION EXPENSE	II-D-1			17,535	15,965	18,127	18,183	18,700	18,695	18,558	21,285

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
33		Distribution Expense									
34											
35		<u>Operation</u>	II-D-1								
36	5810	Load Dispatching		254	258	289	536	3,328	-	60	3,388
37	5820	Station Expense		65	80	107	207	920	-	231	1,151
38	5830	Overhead Line Expense -Primary		306	152	378	428	3,408	-	341	3,749
39	5840	Underground Line Expense		696	544	716	846	8,157	-	283	8,440
40	5850	Street Lights		4	6	6	9	49	-	7	56
41	5860	Meter Expenses		-	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		244	257	263	272	2,921	-	122	3,043
43	5890	Rents		7	13	10	10	126	-	-	126
44											
45		Subtotal 581-589		1,576	1,310	1,769	2,308	18,909	-	1,044	19,953
46											
47	5800	Operation Super & Engin.		4,110	6,011	4,724	5,497	53,346	-	841	54,187
48	5880	Misc. Distribution Expenses		3,063	3,372	2,827	3,113	35,680	-	484	36,164
49											
50		Subtotal 580 & 588		7,173	9,383	7,551	8,610	89,026	-	1,325	90,351
51											
52		Distribution-Operation-Total		8,749	10,693	9,320	10,918	107,935	-	2,369	110,304
53											
54		<u>Maintenance</u>	II-D-1								
55	5910	Maint. of Structures		97	33	4	31	513	-	17	530
56	5920	Maint. of Station Equipment		580	771	618	695	7,847	-	268	8,115
57	5930	Maint. of Overhead Lines-Primary		7,405	6,570	8,162	7,112	84,709	-	564	85,273
58	5940	Maint. of Underground Lines-Primary		1,033	1,344	1,379	1,157	12,991	-	228	13,219
59	5950	Maint. of Line Transformers		273	435	377	999	4,970	-	-	4,970
60	5960	Maint of Street Lights		176	422	260	408	3,727	-	44	3,771
61	5970	Maint of Meters		-	-	-	-	-	-	-	-
62	5980	Maint. of Misc. Dist. Plant.(371&372)		223	234	336	397	2,053	-	(2)	2,051
63											
64		Subtotal 591-598		9,787	9,809	11,136	10,800	116,811	-	1,119	117,929
65											
66	5900	Maintenance Super.& Engin.		536	758	469	243	5,521	-	6	5,527
67	5982	Maint. of Misc. Dist. Plant. - OTHER		-	-	-	-	-	-	-	-
68											
69		Subtotal 590 & 598.2		536	758	469	243	5,521	-	6	5,527
70											
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	19,072	21,260	20,925	21,961	230,267	-	3,494	233,760

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
72													
73		Customer Accounting Expenses	II-D-1										
74	9020	Meter Reading Expense		4	MET	-	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		5	TDCS	-	-	-	-	-	-	-	-
76													
77		Subtotal 902-903				-	-	-	-	-	-	-	-
78													
79	9010	Supervision		1	DA	-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		5	TDCS	-	-	-	-	-	-	-	-
81	9050	Misc. Customer Account Exp				-	-	-	-	-	-	-	-
82													
83		Subtotal Customer Accounting				-	-	-	-	-	-	-	-
84													
85		Cust. Service & Information Expense	II-D-1										
86	9060	Customer Svc & Infor.		1	DA	-	-	-	-	-	-	-	-
87	9080	Customer Assistance		5	TDCS	-	-	-	-	-	-	-	-
88	9090	Inform & Instruct. Adv. Exp.		5	TDCS	-	-	-	-	-	-	-	-
89													
90		Subtotal 906-909				-	-	-	-	-	-	-	-
91													
92	9070	Supervision		1	DA	-	-	-	-	-	-	-	-
93	9100	Misc Cust Service & Inform.		5	TDCS	-	-	-	-	-	-	-	-
94													
95		Subtotal 907 & 910				-	-	-	-	-	-	-	-
96													
97		TOTAL CUSTOMER SERVICE & INFO.	II-D-1			-	-	-	-	-	-	-	-
98													

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
72											
73		<u>Customer Accounting Expenses</u>	II-D-1								
74	9020	Meter Reading Expense		-	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		-	-	-	-	-	-	-	-
76											
77		Subtotal 902-903		-	-	-	-	-	-	-	-
78											
79	9010	Supervision		-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		-	-	-	-	-	-	-	-
81	9050	Misc. Customer Account Exp.		-	-	-	-	-	-	-	-
82											
83		Subtotal Customer Accounting		-	-	-	-	-	-	-	-
84											
85		<u>Cust. Service & Information Expense</u>	II-D-1								
86	9060	Customer Svc. & Infor.		-	-	-	-	-	-	-	-
87	9080	Customer Assistance		-	-	-	-	-	-	-	-
88	9090	Inform. & Instruct. Adv. Exp		-	-	-	-	-	-	-	-
89											
90		Subtotal 906-909		-	-	-	-	-	-	-	-
91											
92	9070	Supervision		-	-	-	-	-	-	-	-
93	9100	Misc. Cust. Service & Inform		-	-	-	-	-	-	-	-
94											
95		Subtotal 907 & 910		-	-	-	-	-	-	-	-
96											
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1	-	-	-	-	-	-	-	-
98											

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
99		Sales Expense	II-D-1										
100	9120	Demonstrating & Selling Exp.		1	DA	-	-	-	-	-	-	-	-
101	9130	Advertising Exp		1	DA	-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		1	DA	-	-	-	-	-	-	-	-
103	9170	Sales Expense		1	DA	-	-	-	-	-	-	-	-
104													
105		Subtotal 912-917				-	-	-	-	-	-	-	-
106													
107	9110	Supervision		1	DA	-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		1	DA	-	-	-	-	-	-	-	-
109													
110		Subtotal -Sales				-	-	-	-	-	-	-	-
111													
112		TOTAL SALES EXPENSE	II-D-1			-	-	-	-	-	-	-	-
113													
114		TOTAL O&M EXPENSE	II-D-1			17,627	16,032	18,201	18,244	18,769	18,758	18,614	21,355

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - DIST
 TEST YEAR ENDED 12/31/2018
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 SPONSOR: K. COLVIN
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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
99		Sales Expense	II-D-1								
100	9120	Demonstrating & Selling Exp		-	-	-	-	-	-	-	-
101	9130	Advertising Exp.		-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-	-	-	-	-
103	9170	Sales Expense		-	-	-	-	-	-	-	-
104											
105		Subtotal 912-917		-	-	-	-	-	-	-	-
106											
107	9110	Supervision		-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		-	-	-	-	-	-	-	-
109											
110		Subtotal -Sales		-	-	-	-	-	-	-	-
111											
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-	-	-	-	-
113											
114		TOTAL O&M EXPENSE	II-D-1	19,141	21,330	20,980	22,093	231,146	-	3,527	234,673

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
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SPONSOR: K. COLVIN
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Line No	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
1		Transmission Expense											
2													
3		Operation	II-D-1										
4	5600	Operation Super & Engin		2	TRAN	-	-	-	-	-	-	-	-
5	5610	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
6	5611	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
7	5612	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
8	5613	Load Dispatching		2	TRAN	-	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		2	TRAN	-	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		2	TRAN	-	-	-	-	-	-	-	-
11	5617	General Studies		2	TRAN	-	-	-	-	-	-	-	-
12	5620	Station Equipment		2	TRAN	-	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		2	TRAN	-	-	-	-	-	-	-	-
14	5640	Underground Line Expense		2	TRAN	-	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		2	TRAN	-	-	-	-	-	-	-	-
16	5660	Misc Transmission Expense		2	TRAN	-	-	-	-	-	-	-	-
17	5670	Rents		2	TRAN	-	-	-	-	-	-	-	-
18													
19		Subtotal 560-567				-	-	-	-	-	-	-	-
20													
21		Maintenance	II-D-1										
22	5680	Maintenance Super. & Engin.				-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		28	E35301	-	-	-	-	-	-	-	-
24	5700	Maint. of Station Equipment		28	E35301	-	-	-	-	-	-	-	-
25	5710	Maint. of Overhead Lines		2	TRAN	-	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		2	TRAN	-	-	-	-	-	-	-	-
27	5730	Maint. of Misc Trans.Plant		2	TRAN	-	-	-	-	-	-	-	-
28													
29		Subtotal 568-573				-	-	-	-	-	-	-	-
30													
31		TOTAL TRANSMISSION EXPENSE	II-D-1			-	-	-	-	-	-	-	-
32													

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Transmission Expense									
2											
3		<u>Operation</u>	II-D-1								
4	5600	Operation Super & Engin.		-	-	-	-	-	-	-	-
5	5610	Load Dispatching		-	-	-	-	-	-	-	-
6	5611	Load Dispatching		-	-	-	-	-	-	-	-
7	5612	Load Dispatching		-	-	-	-	-	-	-	-
8	5613	Load Dispatching		-	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		-	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		-	-	-	-	-	-	-	-
11	5617	General Studies		-	-	-	-	-	-	-	-
12	5620	Station Equipment		-	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		-	-	-	-	-	-	-	-
14	5640	Underground Line Expense		-	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		-	-	-	-	-	-	-	-
16	5660	Misc. Transmission Expense		-	-	-	-	-	-	-	-
17	5670	Rents		-	-	-	-	-	-	-	-
18											
19		Subtotal 560-567		-	-	-	-	-	-	-	-
20											
21		<u>Maintenance</u>	II-D-1								
22	5680	Maintenance Super & Engin.		-	-	-	-	-	-	-	-
23	5690	Maint. of Structures		-	-	-	-	-	-	-	-
24	5700	Maint. of Station Equipment		-	-	-	-	-	-	-	-
25	5710	Maint. of Overhead Lines		-	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		-	-	-	-	-	-	-	-
27	5730	Maint. of Misc. Trans.Plant		-	-	-	-	-	-	-	-
28											
29		Subtotal 568-573		-	-	-	-	-	-	-	-
30											
31		TOTAL TRANSMISSION EXPENSE	II-D-1	-	-	-	-	-	-	-	-
32											

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
33		Distribution Expense											
34													
35		Operation	II-D-1										
36	5810	Load Dispatching		3	DIST	-	-	-	-	-	-	-	-
37	5820	Station Expense		3	DIST	-	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		3	DIST	-	-	-	-	-	-	-	-
39	5840	Underground Line Expense		3	DIST	-	-	-	-	-	-	-	-
40	5850	Street Lights		3	DIST	-	-	-	-	-	-	-	-
41	5860	Meter Expenses		4	MET	1,792	1,886	2,812	2,299	2,638	2,590	1,671	2,376
42	5870	Customer Installation Expense		3	DIST	-	-	-	-	-	-	-	-
43	5890	Rents		3	DIST	-	-	-	-	-	-	-	-
44													
45		Subtotal 581-589				1,792	1,886	2,812	2,299	2,638	2,590	1,671	2,376
46													
47	5800	Operation Super. & Engin.		3	DIST	-	-	-	-	-	-	-	-
48	5880	Misc. Distribution Expenses		3	DIST	-	-	-	-	-	-	-	-
49													
50		Subtotal 580 & 588				-	-	-	-	-	-	-	-
51													
52		Distribution-Operation-Total				1,792	1,886	2,812	2,299	2,638	2,590	1,671	2,376
53													
54		Maintenance	II-D-1										
55	5910	Maint. of Structures		38	E36201	-	-	-	-	-	-	-	-
56	5920	Maint. of Station Equipment		38	E36201	-	-	-	-	-	-	-	-
57	5930	Maint. of Overhead Lines-Primary		3	DIST	-	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		3	DIST	-	-	-	-	-	-	-	-
59	5950	Maint. of Line Transformers		3	DIST	-	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		3	DIST	-	-	-	-	-	-	-	-
61	5970	Maint. of Meters		4	MET	632	718	618	583	654	625	733	697
62	5980	Maint. of Misc. Dist. Plant.(371&372)		3	DIST	-	-	-	-	-	-	-	-
63													
64		Subtotal 591-598				632	718	618	583	654	625	733	697
65													
66	5900	Maintenance Super.& Engin.		3	DIST	-	-	-	-	-	-	-	-
67	5982	Maint. of Misc. Dist. Plant. - OTHER				-	-	-	-	-	-	-	-
68													
69		Subtotal 590 & 598.2				-	-	-	-	-	-	-	-
70													
71		TOTAL DISTRIBUTION EXPENSE	II-D-1			2,424	2,604	3,430	2,882	3,292	3,215	2,404	3,073

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
33		Distribution Expense									
34											
35		<u>Operation</u>	II-D-1								
36	5810	Load Dispatching		-	-	-	-	-	-	-	-
37	5820	Station Expense		-	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		-	-	-	-	-	-	-	-
39	5840	Underground Line Expense		-	-	-	-	-	-	-	-
40	5850	Street Lights		-	-	-	-	-	-	-	-
41	5860	Meter Expenses		1,917	2,562	2,161	2,560	27,264	-	4,053	31,317
42	5870	Customer Installation Expense		-	-	-	-	-	-	-	-
43	5890	Rents		-	-	-	-	-	-	-	-
44											
45		Subtotal 581-589		1,917	2,562	2,161	2,560	27,264	-	4,053	31,317
46											
47	5800	Operation Super. & Engin.		-	-	-	-	-	-	-	-
48	5880	Misc. Distribution Expenses		-	-	-	-	-	-	-	-
49											
50		Subtotal 580 & 588		-	-	-	-	-	-	-	-
51											
52		Distribution-Operation-Total		1,917	2,562	2,161	2,560	27,264	-	4,053	31,317
53											
54		<u>Maintenance</u>	II-D-1								
55	5910	Maint. of Structures		-	-	-	-	-	-	-	-
56	5920	Maint. of Station Equipment		-	-	-	-	-	-	-	-
57	5930	Maint. of Overhead Lines-Primary		-	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		-	-	-	-	-	-	-	-
59	5950	Maint. of Line Transformers		-	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		-	-	-	-	-	-	-	-
61	5970	Maint. of Meters		636	699	597	565	7,757	-	2	7,759
62	5980	Maint. of Misc. Dist. Plant.(371&372)		-	-	-	-	-	-	-	-
63											
64		Subtotal 591-598		636	699	597	565	7,757	-	2	7,759
65											
66	5900	Maintenance Super & Engin.		-	-	-	-	-	-	-	-
67	5982	Maint. of Misc. Dist. Plant. - OTHER		-	-	-	-	-	-	-	-
68											
69		Subtotal 590 & 598.2		-	-	-	-	-	-	-	-
70											
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	2,553	3,261	2,758	3,125	35,021	-	4,055	39,076

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
72													
73		<u>Customer Accounting Expenses</u>	II-D-1										
74	9020	Meter Reading Expense		4	MET	142	144	135	131	114	107	127	120
75	9030	Customer Records & Collection		5	TDCS	-	-	-	-	-	-	-	-
76													
77		Subtotal 902-903				142	144	135	131	114	107	127	120
78													
79	9010	Supervision		1	DA	-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		5	TDCS	-	-	-	-	-	-	-	-
81	9050	Misc Customer Account Exp.				-	-	-	-	-	-	-	-
82													
83		Subtotal Customer Accounting				-	-	-	-	-	-	-	-
84													
85		<u>Cust. Service & Information Expense</u>	II-D-1										
86	9060	Customer Svc & Infor.		1	DA	-	-	-	-	-	-	-	-
87	9080	Customer Assistance		5	TDCS	-	-	-	-	-	-	-	-
88	9090	Inform & Instruct. Adv. Exp.		5	TDCS	-	-	-	-	-	-	-	-
89													
90		Subtotal 906-909				-	-	-	-	-	-	-	-
91													
92	9070	Supervision		1	DA	-	-	-	-	-	-	-	-
93	9100	Misc. Cust. Service & Inform.		5	TDCS	-	-	-	-	-	-	-	-
94													
95		Subtotal 907 & 910				-	-	-	-	-	-	-	-
96													
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1			142	144	135	131	114	107	127	120
98													

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
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Line No	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
72											
73		Customer Accounting Expenses	II-D-1								
74	9020	Meter Reading Expense		108	115	128	123	1,494	-	4	1,498
75	9030	Customer Records & Collection		-	-	-	-	-	-	-	-
76											
77		Subtotal 902-903		108	115	128	123	1,494	-	4	1,498
78											
79	9010	Supervision		-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		-	-	-	-	-	-	-	-
81	9050	Misc Customer Account Exp.		-	-	-	-	-	-	-	-
82											
83		Subtotal Customer Accounting		-	-	-	-	-	-	-	-
84											
85		Cust. Service & Information Expense	II-D-1								
86	9060	Customer Svc. & Infor		-	-	-	-	-	-	-	-
87	9080	Customer Assistance		-	-	-	-	-	-	-	-
88	9090	Inform. & Instruct. Adv Exp		-	-	-	-	-	-	-	-
89											
90		Subtotal 906-909		-	-	-	-	-	-	-	-
91											
92	9070	Supervision		-	-	-	-	-	-	-	-
93	9100	Misc Cust Service & Inform.		-	-	-	-	-	-	-	-
94											
95		Subtotal 907 & 910		-	-	-	-	-	-	-	-
96											
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1	108	115	128	123	1,494	-	4	1,498
98											

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
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Line No	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7	8
						January	February	March	April	May	June	July	August
99		Sales Expense	II-D-1										
100	9120	Demonstrating & Selling Exp.		1	DA	-	-	-	-	-	-	-	-
101	9130	Advertising Exp.		1	DA	-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		1	DA	-	-	-	-	-	-	-	-
103	9170	Sales Expense		1	DA	-	-	-	-	-	-	-	-
104													
105		Subtotal 912-917				-	-	-	-	-	-	-	-
106													
107	9110	Supervision		1	DA	-	-	-	-	-	-	-	-
108	9160	Misc Sales Exp.		1	DA	-	-	-	-	-	-	-	-
109													
110		Subtotal -Sales				-	-	-	-	-	-	-	-
111													
112		TOTAL SALES EXPENSE	II-D-1			-	-	-	-	-	-	-	-
113													
114		TOTAL O&M EXPENSE	II-D-1			2,566	2,748	3,565	3,013	3,406	3,322	2,531	3,193

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-1.1 MONTHLY TOTAL O&M EXPENSE - MET
TEST YEAR ENDED 12/31/2018
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SPONSOR: K. COLVIN
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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
99		Sales Expense	II-D-1								
100	9120	Demonstrating & Selling Exp		-	-	-	-	-	-	-	-
101	9130	Advertising Exp.		-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-	-	-	-	-
103	9170	Sales Expense		-	-	-	-	-	-	-	-
104											
105		Subtotal 912-917		-	-	-	-	-	-	-	-
106											
107	9110	Supervision		-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp		-	-	-	-	-	-	-	-
109											
110		Subtotal -Sales		-	-	-	-	-	-	-	-
111											
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-	-	-	-	-
113											
114		TOTAL O&M EXPENSE	II-D-1	2,661	3,376	2,886	3,248	36,515	-	4,059	40,574

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1		Transmission Expense										
2												
3		<u>Operation</u>	II-D-1									
4	5600	Operation Super. & Engin.		2	TRAN	-	-	-	-	-	-	-
5	5610	Load Dispatching		2	TRAN	-	-	-	-	-	-	-
6	5611	Load Dispatching		2	TRAN	-	-	-	-	-	-	-
7	5612	Load Dispatching		2	TRAN	-	-	-	-	-	-	-
8	5613	Load Dispatching		2	TRAN	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		2	TRAN	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		2	TRAN	-	-	-	-	-	-	-
11	5617	General Studies		2	TRAN	-	-	-	-	-	-	-
12	5620	Station Equipment		2	TRAN	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		2	TRAN	-	-	-	-	-	-	-
14	5640	Underground Line Expense		2	TRAN	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		2	TRAN	-	-	-	-	-	-	-
16	5660	Misc. Transmission Expense		2	TRAN	-	-	-	-	-	-	-
17	5670	Rents		2	TRAN	-	-	-	-	-	-	-
18												
19		Subtotal 560-567				-	-	-	-	-	-	-
20												
21		<u>Maintenance</u>	II-D-1									
22	5680	Maintenance Super & Engin.				-	-	-	-	-	-	-
23	5690	Maint. of Structures		28	E35301	-	-	-	-	-	-	-
24	5700	Maint. of Station Equipment		28	E35301	-	-	-	-	-	-	-
25	5710	Maint. of Overhead Lines		2	TRAN	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		2	TRAN	-	-	-	-	-	-	-
27	5730	Maint. of Misc. Trans.Plant		2	TRAN	-	-	-	-	-	-	-
28												
29		Subtotal 568-573				-	-	-	-	-	-	-
30												
31		TOTAL TRANSMISSION EXPENSE	II-D-1			-	-	-	-	-	-	-
32												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
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 SPONSOR: K. COLVIN
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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Transmission Expense										
2												
3		Operation	II-D-1									
4	5600	Operation Super & Engin		-	-	-	-	-	-	-	-	-
5	5610	Load Dispatching		-	-	-	-	-	-	-	-	-
6	5611	Load Dispatching		-	-	-	-	-	-	-	-	-
7	5612	Load Dispatching		-	-	-	-	-	-	-	-	-
8	5613	Load Dispatching		-	-	-	-	-	-	-	-	-
9	5614	Scheduling, Control, and Dispatching Services		-	-	-	-	-	-	-	-	-
10	5615	Reliability, Planning, and Standards		-	-	-	-	-	-	-	-	-
11	5617	General Studies		-	-	-	-	-	-	-	-	-
12	5620	Station Equipment		-	-	-	-	-	-	-	-	-
13	5630	Overhead Line Expense		-	-	-	-	-	-	-	-	-
14	5640	Underground Line Expense		-	-	-	-	-	-	-	-	-
15	5650	Transmission of Electricity by Others		-	-	-	-	-	-	-	-	-
16	5660	Misc Transmission Expense		-	-	-	-	-	-	-	-	-
17	5670	Rents		-	-	-	-	-	-	-	-	-
18												
19		Subtotal 560-567		-	-	-	-	-	-	-	-	-
20												
21		Maintenance	II-D-1									
22	5680	Maintenance Super. & Engin.		-	-	-	-	-	-	-	-	-
23	5690	Maint of Structures		-	-	-	-	-	-	-	-	-
24	5700	Maint. of Station Equipment		-	-	-	-	-	-	-	-	-
25	5710	Maint. of Overhead Lines		-	-	-	-	-	-	-	-	-
26	5720	Maint. of Underground Lines		-	-	-	-	-	-	-	-	-
27	5730	Maint. of Misc Trans.Plant		-	-	-	-	-	-	-	-	-
28												
29		Subtotal 568-573		-	-	-	-	-	-	-	-	-
30												
31		TOTAL TRANSMISSION EXPENSE	II-D-1	-	-	-	-	-	-	-	-	-
32												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
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 SPONSOR: K. COLVIN
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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
33		Distribution Expense										
34												
35		<u>Operation</u>	II-D-1									
36	5810	Load Dispatching		3	DIST	-	-	-	-	-	-	-
37	5820	Station Expense		3	DIST	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		3	DIST	-	-	-	-	-	-	-
39	5840	Underground Line Expense		3	DIST	-	-	-	-	-	-	-
40	5850	Street Lights		3	DIST	-	-	-	-	-	-	-
41	5860	Meter Expenses		4	MET	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		3	DIST	-	-	-	-	-	-	-
43	5890	Rents		3	DIST	-	-	-	-	-	-	-
44												
45		Subtotal 581-589				-	-	-	-	-	-	-
46												
47	5800	Operation Super. & Engin.		3	DIST	-	-	-	-	-	-	-
48	5880	Misc Distribution Expenses		3	DIST	-	-	-	-	-	-	-
49												
50		Subtotal 580 & 588				-	-	-	-	-	-	-
51												
52		Distribution-Operation-Total				-	-	-	-	-	-	-
53												
54		<u>Maintenance</u>	II-D-1									
55	5910	Maint. of Structures		38	E36201	-	-	-	-	-	-	-
56	5920	Maint. of Station Equipment		38	E36201	-	-	-	-	-	-	-
57	5930	Maint. of Overhead Lines-Primary		3	DIST	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		3	DIST	-	-	-	-	-	-	-
59	5950	Maint. of Line Transformers		3	DIST	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		3	DIST	-	-	-	-	-	-	-
61	5970	Maint. of Meters		4	MET	-	-	-	-	-	-	-
62	5980	Maint. of Misc. Dist. Plant.(371&372)		3	DIST	-	-	-	-	-	-	-
63												
64		Subtotal 591-598				-	-	-	-	-	-	-
65												
66	5900	Maintenance Super. & Engin.		3	DIST	-	-	-	-	-	-	-
67	5982	Maint. of Misc. Dist. Plant. - OTHER				-	-	-	-	-	-	-
68												
69		Subtotal 590 & 598.2				-	-	-	-	-	-	-
70												
71		TOTAL DISTRIBUTION EXPENSE	II-D-1			-	-	-	-	-	-	-
72												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
33		Distribution Expense										
34												
35		<u>Operation</u>	II-D-1									
36	5810	Load Dispatching		-	-	-	-	-	-	-	-	-
37	5820	Station Expense		-	-	-	-	-	-	-	-	-
38	5830	Overhead Line Expense -Primary		-	-	-	-	-	-	-	-	-
39	5840	Underground Line Expense		-	-	-	-	-	-	-	-	-
40	5850	Street Lights		-	-	-	-	-	-	-	-	-
41	5860	Meter Expenses		-	-	-	-	-	-	-	-	-
42	5870	Customer Installation Expense		-	-	-	-	-	-	-	-	-
43	5890	Rents		-	-	-	-	-	-	-	-	-
44												
45		Subtotal 581-589		-	-	-	-	-	-	-	-	-
46												
47	5800	Operation Super. & Engin.		-	-	-	-	-	-	-	-	-
48	5880	Misc. Distribution Expenses		-	-	-	-	-	-	-	-	-
49												
50		Subtotal 580 & 588		-	-	-	-	-	-	-	-	-
51												
52		Distribution-Operation-Total		-	-	-	-	-	-	-	-	-
53												
54		<u>Maintenance</u>	II-D-1									
55	5910	Maint of Structures		-	-	-	-	-	-	-	-	-
56	5920	Maint of Station Equipment		-	-	-	-	-	-	-	-	-
57	5930	Maint. of Overhead Lines-Primary		-	-	-	-	-	-	-	-	-
58	5940	Maint. of Underground Lines-Primary		-	-	-	-	-	-	-	-	-
59	5950	Maint of Line Transformers		-	-	-	-	-	-	-	-	-
60	5960	Maint. of Street Lights		-	-	-	-	-	-	-	-	-
61	5970	Maint. of Meters		-	-	-	-	-	-	-	-	-
62	5980	Maint of Misc Dist. Plant.(371&372)		-	-	-	-	-	-	-	-	-
63												
64		Subtotal 591-598		-	-	-	-	-	-	-	-	-
65												
66	5900	Maintenance Super.& Engin.		-	-	-	-	-	-	-	-	-
67	5982	Maint. of Misc. Dist. Plant. - OTHER		-	-	-	-	-	-	-	-	-
68												
69		Subtotal 590 & 598.2		-	-	-	-	-	-	-	-	-
70												
71		TOTAL DISTRIBUTION EXPENSE	II-D-1	-	-	-	-	-	-	-	-	-
72												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
73		<u>Customer Accounting Expenses</u>	II-D-1									
74	9020	Meter Reading Expense		4	MET	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		5	TDCS	2,172	2,483	2,536	2,691	2,415	2,779	2,748
76												
77		Subtotal 902-903				2,172	2,483	2,536	2,691	2,415	2,779	2,748
78												
79	9010	Supervision		1	DA	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		5	TDCS	-	-	-	-	-	-	-
81	9050	Misc. Customer Account Exp.				-	-	-	-	-	-	-
82												
83		Subtotal Customer Accounting				-	-	-	-	-	-	-
84												
85		<u>Cust. Service & Information Expense</u>	II-D-1									
86	9060	Customer Svc & Infor.		1	DA	-	-	-	-	-	-	-
87	9080	Customer Assistance		5	TDCS	1,188	472	1,254	1,451	2,480	2,439	2,171
88	9090	Inform. & Instruct. Adv. Exp.		5	TDCS	186	186	189	195	555	488	648
89												
90		Subtotal 906-909				1,374	658	1,443	1,646	3,035	2,927	2,819
91												
92	9070	Supervision		1	DA	-	-	-	-	-	-	-
93	9100	Misc. Cust. Service & Inform		5	TDCS	50	14	1	11	-	8	7
94												
95		Subtotal 907 & 910				50	14	1	11	-	8	7
96												
97		TOTAL-CUSTOMER SERVICE & INFO.	II-D-1			3,596	3,155	3,980	4,348	5,450	5,714	5,574
98												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
73		<u>Customer Accounting Expenses</u>	II-D-1									
74	9020	Meter Reading Expense		-	-	-	-	-	-	-	-	-
75	9030	Customer Records & Collection		2,776	2,787	2,656	2,235	2,972	31,250	-	491	31,741
76												
77		<u>Subtotal 902-903</u>		<u>2,776</u>	<u>2,787</u>	<u>2,656</u>	<u>2,235</u>	<u>2,972</u>	<u>31,250</u>	<u>-</u>	<u>491</u>	<u>31,741</u>
78												
79	9010	Supervision		-	-	-	-	-	-	-	-	-
80	9040	Uncollectible Accounts		-	64	-	-	-	64	-	523	587
81	9050	Misc Customer Account Exp		-	-	-	-	-	-	-	-	-
82												
83		<u>Subtotal Customer Accounting</u>		<u>-</u>	<u>64</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>64</u>	<u>-</u>	<u>523</u>	<u>587</u>
84												
85		<u>Cust. Service & Information Expense</u>	II-D-1									
86	9060	Customer Svc & Infor		-	-	-	-	-	-	-	-	-
87	9080	Customer Assistance		3,155	2,172	5,803	3,671	7,479	33,735	-	(30,684)	3,051
88	9090	Inform. & Instruct. Adv. Exp		422	218	158	228	441	3,914	-	260	4,174
89												
90		<u>Subtotal 906-909</u>		<u>3,577</u>	<u>2,390</u>	<u>5,961</u>	<u>3,899</u>	<u>7,920</u>	<u>37,649</u>	<u>-</u>	<u>(30,424)</u>	<u>7,225</u>
91												
92	9070	Supervision		-	-	-	-	-	-	-	-	-
93	9100	Misc. Cust. Service & Inform		-	31	-	105	-	227	-	(222)	5
94												
95		<u>Subtotal 907 & 910</u>		<u>-</u>	<u>31</u>	<u>-</u>	<u>105</u>	<u>-</u>	<u>227</u>	<u>-</u>	<u>(222)</u>	<u>5</u>
96												
97		<u>TOTAL-CUSTOMER SERVICE & INFO.</u>	II-D-1	<u>6,353</u>	<u>5,272</u>	<u>8,617</u>	<u>6,239</u>	<u>10,892</u>	<u>69,190</u>	<u>-</u>	<u>(29,632)</u>	<u>39,558</u>
98												

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
99		Sales Expense	II-D-1									
100	9120	Demonstrating & Selling Exp		1	DA	-	-	-	-	-	-	-
101	9130	Advertising Exp.		1	DA	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		1	DA	-	-	-	-	-	-	-
103	9170	Sales Expense		1	DA	-	-	-	-	-	-	-
104												
105		Subtotal 912-917				-	-	-	-	-	-	-
106												
107	9110	Supervision		1	DA	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		1	DA	-	-	-	-	-	-	-
109												
110		Subtotal -Sales				-	-	-	-	-	-	-
111												
112		TOTAL SALES EXPENSE	II-D-1			-	-	-	-	-	-	-
113												
114		TOTAL O&M EXPENSE	II-D-1			3,596	3,155	3,980	4,348	5,450	5,714	5,574

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-1.1 MONTHLY TOTAL O&M EXPENSE - TDCS
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
99		Sales Expense	II-D-1									
100	9120	Demonstrating & Selling Exp		-	-	-	-	-	-	-	-	-
101	9130	Advertising Exp.		-	-	-	-	-	-	-	-	-
102	9160	Misc Sales Exp		-	-	-	-	-	-	-	-	-
103	9170	Sales Expense		-	-	-	-	-	-	-	-	-
104												
105		Subtotal 912-917		-	-	-	-	-	-	-	-	-
106												
107	9110	Supervision		-	-	-	-	-	-	-	-	-
108	9160	Misc. Sales Exp.		-	-	-	-	-	-	-	-	-
109												
110		Subtotal -Sales		-	-	-	-	-	-	-	-	-
111												
112		TOTAL SALES EXPENSE	II-D-1	-	-	-	-	-	-	-	-	-
113												
114		TOTAL O&M EXPENSE	II-D-1	6,353	5,272	8,617	6,239	10,892	69,190	-	(29,632)	39,558

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2 ADMINISTRATIVE & GENERAL EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN

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(THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Administrative & General Expenses	II-D-2				
2	9200	Admin. & General Salaries		2,371	-	58	2,429
3	9210	Office Supplies		1,795	-	13	1,808
4	9230	Outside Services		1,064	-	-	1,064
5	9240	Property Insurance Exp.		7,315	-	3,583	10,898
6	9250	Injuries & Damages		22,845	-	(2,317)	20,528
7	9260	Pensions & Benefits		62,096	-	(15,288)	46,808
8	9280	Regulatory Commission		74	-	(74)	-
9	9301	Gen Advertising Exp		367	-	(244)	123
10	9302	Misc General Expense		145,091	-	352	145,443
11	9310	Rents		10,885	-	242	11,127
12	9350	Maint. of General Plant		2,607	-	13	2,620
13							
14		TOTAL A&G EXPENSE	II-D-2	256,510	-	(13,662)	242,848
15							
16		TOTAL O&M & A&G EXPENSE	II-D-1-2	1,442,018	-	(277,315)	1,164,703
17							
18		TOTAL O&M EXP. EXCL. FUEL & PUR. POWER	II-D-1	394,200	-	(21,388)	372,812
19							
20		TOTAL O&M & A&G EXP. EXCL. FUEL & PUR. POWER	II-D-1-2	650,710	-	(35,050)	615,660

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2 ADMINISTRATIVE & GENERAL EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN

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(THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	5	6	7	8	9	10	11	12
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total
1	Administrative & General Expenses		II-D-2								
2	9200	Admin. & General Salaries		12	PAYXAG	2,429	481	1,791	5	152	2,429
3	9210	Office Supplies		12	PAYXAG	1,808	358	1,333	3	113	1,808
4	9230	Outside Services		8	OMAGXFP(565)	1,064	184	703	72	106	1,064
5	9240	Property Insurance Exp.		15	PLTSVC-N	10,898	3,896	6,619	271	112	10,898
6	9250	Injuries & Damages		1	DA	20,528	3,652	13,592	35	3,248	20,527
7	9260	Pensions & Benefits		1	DA	46,808	9,211	34,280	88	3,229	46,808
8	9280	Regulatory Commission		1	DA	-	-	-	-	-	-
9	9301	Gen Advertising Exp		1	DA	123	23	86	-	14	123
10	9302	Misc General Expense		1	DA	145,443	27,801	103,461	264	13,917	145,443
11	9310	Rents		12	PAYXAG	11,127	2,205	8,207	21	694	11,127
12	9350	Maint. of General Plant		13	GNLPLT-N	2,620	562	1,740	144	174	2,620
13											
14	TOTAL A&G EXPENSE		II-D-2			242,848	48,373	171,812	903	21,759	242,847
15											
16	TOTAL O&M & A&G EXPENSE		II-D-1-2			1,164,703	655,427	406,480	41,477	61,318	1,164,702
17											
18	TOTAL O&M EXP. EXCL. FUEL & PUR. POWER		II-D-1			372,812	58,011	234,668	40,574	39,559	372,812
19											
20	TOTAL O&M & A&G EXP. EXCL. FUEL & PUR. POWER		II-D-1-2			615,660	106,384	406,480	41,477	61,318	615,659

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2a ADMINISTRATIVE & GENERAL EXPENSE - PRIOR THREE YEARS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Adjusted Test Year 2018	Prior Year 2017	Prior Year 2016	Prior Year 2015
1		Administrative & General Expenses	II-D-2				
2	9200	Admin. & General Salaries		2,429	662	694	580
3	9210	Office Supplies		1,808	1,742	1,792	1,901
4	9230	Outside Services		1,064	1,093	926	1,025
5	9240	Property Insurance Exp.		10,898	7,394	7,688	8,220
6	9250	Injuries & Damages		20,528	16,951	12,088	20,736
7	9260	Pensions & Benefits		46,808	56,979	58,199	56,739
8	9280	Regulatory Commission		-	36	167	416
9	9301	Gen Advertising Exp		123	513	609	317
10	9302	Misc General Expense		145,443	136,418	127,568	124,506
11	9310	Rents		11,127	11,339	11,306	11,229
12	9350	Maint. of General Plant		2,620	2,516	2,412	2,809
13							
14		TOTAL A&G EXPENSE	II-D-2	242,848	235,643	223,449	228,478
15							
16		TOTAL O&M & A&G EXPENSE	II-D-1-2	1,164,703	1,414,189	1,345,406	1,288,125
17							
18		TOTAL O&M EXP. EXCL. FUEL & PUR. POWER	II-D-1	372,812	355,521	354,574	347,503
19							
20		TOTAL O&M & A&G EXP. EXCL. FUEL & PUR. POWER	II-D-1-2	615,660	591,164	578,023	575,981

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)**

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4	5	6	7	8
				January	February	March	April	May	June	July	August
1		Administrative & General Expenses	II-D-2								
2	9200	Admin & General Salaries		144	134	308	213	212	62	177	214
3	9210	Office Supplies		164	119	128	227	170	148	130	114
4	9230	Outside Services		84	62	148	81	76	77	76	77
5	9240	Property Insurance Exp.		614	614	614	614	460	526	650	650
6	9250	Injuries & Damages		1,296	1,421	1,824	1,650	1,592	1,636	1,611	1,568
7	9260	Pensions & Benefits		4,777	4,796	5,488	4,900	4,804	3,438	4,951	4,921
8	9280	Regulatory Commission		6	6	6	6	6	6	6	6
9	9301	Gen Advertising Exp		5	9	11	8	56	9	153	16
10	9302	Mics General Expense		10,154	10,822	11,390	11,401	11,421	12,153	11,495	11,711
11	9310	Rents		920	920	920	920	920	920	920	920
12	9350	Maint. of General Plant		203	160	226	191	212	204	252	223
13											
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	18,367	19,063	21,063	20,211	19,929	19,179	20,421	20,420

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	9	10	11	12	13	14	15	16
				September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Administrative & General Expenses	II-D-2								
2	9200	Admin. & General Salaries		173	282	227	226	2,372	-	58	2,430
3	9210	Office Supplies		189	104	160	143	1,796	-	13	1,809
4	9230	Outside Services		58	95	77	156	1,067	-	-	1,067
5	9240	Property Insurance Exp.		627	648	650	650	7,317	-	3,583	10,900
6	9250	Injuries & Damages		4,257	1,728	1,467	2,795	22,845	-	(2,317)	20,528
7	9260	Pensions & Benefits		4,121	4,510	4,986	10,403	62,095	-	(15,288)	46,807
8	9280	Regulatory Commission		6	6	6	6	72	-	(74)	(2)
9	9301	Gen Advertising Exp		18	26	37	21	369	-	(244)	125
10	9302	Misc General Expense		14,466	12,105	8,460	19,511	145,089	-	352	145,441
11	9310	Rents		920	920	920	765	10,885	-	242	11,127
12	9350	Maint. of General Plant		177	318	191	251	2,608	-	13	2,621
13											
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	25,012	20,742	17,181	34,927	256,515	-	(13,662)	242,853

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - TRAN TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN (THOUSANDS OF DOLLARS)
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Line No.	FERC Account	Description	Reference Schedule	FF#	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1	Administrative & General Expenses		II-D-2									
2	9200	Admin. & General Salaries		12	PAYXAG	29	27	61	42	42	12	35
3	9210	Office Supplies		12	PAYXAG	33	24	25	45	34	29	26
4	9230	Outside Services		8	OMAGXFP(565)	15	11	26	14	13	13	13
5	9240	Property Insurance Exp.		15	PLTSVC-N	219	219	219	219	164	188	232
6	9250	Injuries & Damages		1	DA	231	253	325	294	283	291	287
7	9260	Pensions & Benefits		1	DA	940	944	1,080	964	945	677	974
8	9280	Regulatory Commission		1	DA	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		1	DA	1	2	2	1	10	2	29
10	9302	Mics General Expense		1	DA	1,941	2,069	2,177	2,179	2,183	2,323	2,197
11	9310	Rents		12	PAYXAG	182	182	182	182	182	182	182
12	9350	Maint. of General Plant		13	GNLPLT-N	44	34	48	41	45	44	54
13												
14	TOTAL A&G EXPENSE BY MONTH		II-D-2			3,633	3,764	4,146	3,983	3,903	3,761	4,029

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - TRAN
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurabl	Company Total Electric
1		Administrative & General Expenses	II-D-2									
2	9200	Admin. & General Salaries		42	34	56	45	45	470	-	11	482
3	9210	Office Supplies		23	37	21	32	28	356	-	3	359
4	9230	Outside Services		13	10	16	13	27	184	-	-	184
5	9240	Property Insurance Exp.		232	224	232	232	232	2,616	-	1,281	3,896
6	9250	Injuries & Damages		279	757	307	261	497	4,064	-	(412)	3,652
7	9260	Pensions & Benefits		968	811	887	981	2,047	12,219	-	(3,008)	9,211
8	9280	Regulatory Commission		-	-	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		3	3	5	7	4	69	-	(46)	23
10	9302	Mics General Expense		2,239	2,765	2,314	1,617	3,729	27,733	-	67	27,801
11	9310	Rents		182	182	182	182	152	2,157	-	48	2,205
12	9350	Maint. of General Plant		48	38	68	41	54	559	-	3	562
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	4,030	4,863	4,089	3,412	6,816	50,428	-	(2,053)	48,375

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - DIST TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN (THOUSANDS OF DOLLARS)	<u>INDEX</u>
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Line No.	FERC Account	Description	Reference Schedule	FF#	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1	Administrative & General Expenses		II-D-2									
2	9200	Admin. & General Salaries		12	PAYXAG	106	99	227	157	156	46	131
3	9210	Office Supplies		12	PAYXAG	121	88	94	167	125	109	96
4	9230	Outside Services		8	OMAGXFP(565)	55	41	98	53	50	51	50
5	9240	Property Insurance Exp.		15	PLTSVC-N	373	373	373	373	279	319	395
6	9250	Injuries & Damages		1	DA	858	941	1,208	1,093	1,054	1,083	1,067
7	9260	Pensions & Benefits		1	DA	3,498	3,512	4,019	3,589	3,518	2,518	3,626
8	9280	Regulatory Commission		1	DA	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		1	DA	3	6	8	6	39	6	107
10	9302	Mics General Expense		1	DA	7,223	7,698	8,102	8,110	8,124	8,645	8,177
11	9310	Rents		12	PAYXAG	679	679	679	679	679	679	679
12	9350	Maint. of General Plant		13	GNLPLT-N	135	106	150	127	141	136	167
13												
14	TOTAL A&G EXPENSE BY MONTH		II-D-2			13,052	13,543	14,958	14,353	14,167	13,592	14,494

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - DIST TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN (THOUSANDS OF DOLLARS)
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Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Administrative & General Expenses	II-D-2									
2	9200	Admin & General Salaries		158	128	208	167	167	1,749	-	43	1,792
3	9210	Office Supplies		84	139	77	118	105	1,325	-	10	1,334
4	9230	Outside Services		51	38	63	51	103	705	-	-	705
5	9240	Property Insurance Exp.		395	381	394	395	395	4,444	-	2,176	6,620
6	9250	Injuries & Damages		1,038	2,819	1,144	971	1,851	15,127	-	(1,534)	13,593
7	9260	Pensions & Benefits		3,604	3,018	3,303	3,652	7,619	45,475	-	(11,196)	34,279
8	9280	Regulatory Commission		-	-	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		11	13	18	26	15	258	-	(171)	87
10	9302	Mics General Expense		8,331	10,290	8,611	6,018	13,879	103,209	-	250	103,460
11	9310	Rents		679	679	679	679	564	8,028	-	178	8,207
12	9350	Maint. of General Plant		148	118	211	127	167	1,732	-	9	1,741
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	14,498	17,622	14,707	12,203	24,864	182,052	-	(10,235)	171,817

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - MET
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF#	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1		Administrative & General Expenses	II-D-2									
2	9200	Admin. & General Salaries		12	PAYXAG	0	0	1	0	0	0	0
3	9210	Office Supplies		12	PAYXAG	0	0	0	0	0	0	0
4	9230	Outside Services		8	OMAGXFP(565)	6	4	10	5	5	5	5
5	9240	Property Insurance Exp.		15	PLTSVC-N	15	15	15	15	11	13	16
6	9250	Injuries & Damages		1	DA	2	2	3	3	3	3	3
7	9260	Pensions & Benefits		1	DA	9	9	10	9	9	6	9
8	9280	Regulatory Commission		1	DA	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		1	DA	-	-	-	-	-	-	-
10	9302	Mics General Expense		1	DA	18	20	21	21	21	22	21
11	9310	Rents		12	PAYXAG	2	2	2	2	2	2	2
12	9350	Maint. of General Plant		13	GNLPLT-N	11	9	12	10	12	11	14
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2			64	62	74	66	63	63	70

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE - MET TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN (THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Administrative & General Expenses	II-D-2									
2	9200	Admin. & General Salaries		0	0	1	0	0	4	-	0	5
3	9210	Office Supplies		0	0	0	0	0	3	-	0	3
4	9230	Outside Services		5	4	6	5	10	72	-	-	72
5	9240	Property Insurance Exp.		16	16	16	16	16	182	-	89	272
6	9250	Injuries & Damages		3	7	3	3	5	39	-	(4)	35
7	9260	Pensions & Benefits		9	8	8	9	20	117	-	(29)	88
8	9280	Regulatory Commission		-	-	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		-	-	-	-	-	-	-	-	-
10	9302	Misc General Expense		21	26	22	15	35	263	-	1	264
11	9310	Rents		2	2	2	2	1	20	-	0	21
12	9350	Maint. of General Plant		12	10	17	10	14	143	-	1	144
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	69	73	76	62	102	844	-	58	903

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE- TDCS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	FF#	Functionalization Factor	1	2	3	4	5	6	7
						January	February	March	April	May	June	July
1		Administrative & General Expenses	II-D-2									
2	9200	Admin. & General Salaries		12	PAYXAG	9	8	19	13	13	4	11
3	9210	Office Supplies		12	PAYXAG	10	7	8	14	11	9	8
4	9230	Outside Services		8	OMAGXFP(565)	8	6	15	8	8	8	8
5	9240	Property Insurance Exp		15	PLTSVC-N	6	6	6	6	5	5	7
6	9250	Injuries & Damages		1	DA	205	225	289	261	252	259	255
7	9260	Pensions & Benefits		1	DA	330	331	379	338	331	237	342
8	9280	Regulatory Commission		1	DA	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		1	DA	1	1	1	1	6	1	17
10	9302	Mics General Expense		1	DA	972	1,036	1,090	1,091	1,093	1,163	1,100
11	9310	Rents		12	PAYXAG	57	57	57	57	57	57	57
12	9350	Maint. of General Plant		13	GNLPLT-N	14	11	15	13	14	14	17
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2			1,612	1,689	1,879	1,803	1,790	1,757	1,821

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.1 MONTHLY ADMINISTRATIVE & GENERAL EXPENSE- TDCS
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

Line No.	FERC Account	Description	Reference Schedule	8	9	10	11	12	13	14	15	16
				August	September	October	November	December	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Administrative & General Expenses	II-D-2									
2	9200	Admin. & General Salaries		13	11	18	14	14	148	-	4	152
3	9210	Office Supplies		7	12	6	10	9	112	-	1	113
4	9230	Outside Services		8	6	9	8	16	106	-	-	106
5	9240	Property Insurance Exp.		7	6	7	7	7	75	-	37	112
6	9250	Injuries & Damages		248	674	273	232	442	3,615	-	(367)	3,248
7	9260	Pensions & Benefits		339	284	311	344	718	4,284	-	(1,055)	3,229
8	9280	Regulatory Commission		-	-	-	-	-	-	-	-	-
9	9301	Gen Advertising Exp		2	2	3	4	2	42	-	(28)	14
10	9302	Mics General Expense		1,121	1,384	1,158	810	1,867	13,883	-	34	13,917
11	9310	Rents		57	57	57	57	48	679	-	15	694
12	9350	Maint. of General Plant		15	12	21	13	17	174	-	1	174
13												
14		TOTAL A&G EXPENSE BY MONTH	II-D-2	1,817	2,448	1,865	1,498	3,139	23,118	-	(1,358)	21,760

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2.1 BAD DEBT EXPENSE - QUESTION 1
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON**

INDEX

Line No.	
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- 1 **QUESTION 1. Discuss the Company's policy for writing off bad debts.**
- 2
- 3 **COMPETITIVE RETAILERS**
- 4 Pursuant to Substantive Rule §25.107, Uncollectible Accounts Receivable from
- 5 Competitive Retailers are transferred to the regulatory asset for bad debt
- 6 expenses, net of collateral held to secure the payment of transition charges
- 7 and collateral held due to the REP having defaulted on one or more payments
- 8 to the TDU.
- 9
- 10 **ACCOUNTS RECEIVABLES OTHER (ARO)**
- 11 Uncollectible Other Miscellaneous Accounts Receivable (ARO), which are
- 12 primarily non-recurring in nature, are reserved when collection becomes
- 13 doubtful. Uncollectible ARO are written off against the allowance for
- 14 uncollectible accounts, net of related deposits with interest. The Credit
- 15 function makes all reasonable efforts to collect delinquent accounts.

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2.2 BAD DEBT EXPENSE - QUESTION 2
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON**

INDEX

Line No.

- 1 **QUESTION 2. Present the Company's methodology of calculating monthly bad debt expense. Also discuss**
- 2 **how the Company monitors this methodology to ensure its accuracy.**
- 3
- 4 **Procedure for Calculating Bad Debt Expense**
- 5
- 6 The Accounts Receivable is comprised of two areas, (1) Competitive Retailers and (2) Account
- 7 Receivables Other (ARO). Bad debt is calculated for each of these groups as follows:
- 8
- 9 **COMPETITIVE RETAILERS**
- 10 Uncollectible debt is considered for transfer to the Bad Debt Regulatory Asset account after consultation with the
- 11 Business Risk, Electric Market Operations, Legal and Regulatory departments and all final bills have
- 12 been received. When all issues have been closed (i.e. the receipt of all final bills, deposit applied, etc.), the debt is
- 13 written off to bad debt expense. This bad debt expense is then transferred to the regulatory asset for future recovery.
- 14
- 15 **ACCOUNTS RECEIVABLES OTHER (ARO)**
- 16 Bad debt expense amounts are recorded to a reserve account when it is evident that the delinquent amount
- 17 cannot be collected. The bad debt expense is calculated from the actual open invoices that have not been paid.
- 18 This amount reserved is reviewed quarterly and adjusted accordingly until it is either collected or written off. The
- 19 amount may be adjusted for payments, agreements made, billings corrections, etc.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2.3 BAD DEBT EXPENSE QUESTION 3
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		2018					
2	Various	Misc Revenues	WP II-D-2.2.1	(42,333)	-	-	(42,333)
3	904	Bad Debt Expense	WP II-D-2.2.5	65	-	523	588
4	144	Actual Write Offs	WP II D-2.2.9	65	-	-	65
5							
6		2017					
7	Various	Misc Revenues	WP II-D-2.2.2	(35,616)	-	-	(35,616)
8	904	Bad Debt Expense	WP II-D-2.2.6	61	-	-	61
9	144	Actual Write Offs	WP II-D.2.2.10	385	-	-	385
10							
11		2016					
12	Various	Misc Revenues	WP II-D-2.2.3	(43,815)	-	-	(43,815)
13	904	Bad Debt Expense	WP II-D-2.2.7	111	-	-	111
14	144	Actual Write Offs	WP II-D.2.2.11	336	-	-	336
15							
16		2015					
17	Various	Misc Revenues	WP II-D-2.2.4	(47,096)	-	-	(47,096)
18	904	Bad Debt Expense	WP II-D-2.2.8	129	-	-	129
19	144	Actual Write Offs	WP II-D.2.2.12	568	-	-	568

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.2.3 BAD DEBT EXPENSE QUESTION 3 TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN / J. HUDSON (THOUSANDS OF DOLLARS)
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Line No.	FERC Account	Description	Reference Schedule	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
1		2018									
2	Various	Misc Revenues	WP II-D-2.2.1	5	TDCS	(42,333)	-	-	-	(42,333)	(42,333)
3	904	Bad Debt Expense	WP II-D-2.2.5	5	TDCS	588	-	-	-	588	588
4	144	Actual Write Offs	WP II D-2.2.9	5	TDCS	65	-	-	-	65	65
5											
6		2017									
7	Various	Misc Revenues	WP II-D-2.2.2	5	TDCS	(35,616)	-	-	-	(35,616)	(35,616)
8	904	Bad Debt Expense	WP II-D-2.2.6	5	TDCS	61	-	-	-	61	61
9	144	Actual Write Offs	WP II-D.2.2.10	5	TDCS	385	-	-	-	385	385
10											
11		2016									
12	Various	Misc Revenues	WP II-D-2.2.3	5	TDCS	(43,815)	-	-	-	(43,815)	(43,815)
13	904	Bad Debt Expense	WP II-D-2.2.7	5	TDCS	111	-	-	-	111	111
14	144	Actual Write Offs	WP II-D.2.2.11	5	TDCS	336	-	-	-	336	336
15											
16		2015									
17	Various	Misc Revenues	WP II-D-2.2.4	5	TDCS	(47,096)	-	-	-	(47,096)	(47,096)
18	904	Bad Debt Expense	WP II-D-2.2.8	5	TDCS	129	-	-	-	129	129
19	144	Actual Write Offs	WP II-D.2.2.12	5	TDCS	568	-	-	-	568	568

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2a.1 BAD DEBT EXPENSE PURSUANT TO SUBSTANTIVE RULE §25.107
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	REP	Reason for write off	Default Date	1	2	3	4
				Amount Deferred	Collateral Posted by REP	BDE already included	Amount Deferred, Net
1	Abacus Resources Energy, LLC	Defaulted CR	2/8/2011	148	127	-	21
2	TexRep I, LLC	Defaulted CR	7/20/2012	718	511	-	207
3	TrueSmart Energy, LLC	Defaulted CR	3/21/2016	394	111	-	283
4	Competitive Retailer Bad Debt in Rates	16 TAC §25.107(f)(3)B		-	-	(1,058)	1,058
5							
6	TOTAL REP BAD DEBT			1,260	749	(1,058)	1,569

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2a.1 BAD DEBT EXPENSE PURSUANT TO SUBSTANTIVE RULE §
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON
 (THOUSANDS OF DOLLARS)

Line No.	REP	Reason for write off	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
1	Abacus Resources Energy, LLC	Defaulted CR	5	TDCS	21	-	-	-	21	21
2	TexRep I, LLC	Defaulted CR	5	TDCS	207	-	-	-	207	207
3	TrueSmart Energy, LLC	Defaulted CR	5	TDCS	283	-	-	-	283	283
4	Competitive Retailer Bad Debt in Rates	16 TAC §25.107(f)(3)B	5	TDCS	1,058	-	-	-	1,058	1,058
5										
6	TOTAL REP BAD DEBT				1,569	-	-	-	1,569	1,569

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2a.2 BAD DEBT EXPENSE PURSUANT TO SUBSTANTIVE RULE §25.107
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	Retail Electric Provider (REP)	Reason for write off	Default Date	1 Deferred Amount	2 Amortization Expense	3 Amortization Period	4 Unamortized Balance
1	Abacus Resources Energy LLC	Defaulted CR	2/8/2011	21	-	*	21
2	TexRep I, LLC	Defaulted CR	7/20/2012	207	-	*	207
3	TrueSmart Energy	Defaulted CR	3/21/2016	283	-	*	283
4	Competitive Retailer Bad Debt in Rates	16 TAC §25.107(f)(3)B		1,058	-	*	1,058
5							
6	TOTAL REP BAD DEBT			1,569	-		1,569

* Note: The Company is requesting amortization of these items in this Docket.
 Sec Schedule II-E-4.1

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.2a.2 BAD DEBT EXPENSE PURSUANT TO SUBSTANTIVE RULE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN / J. HUDSON
 (THOUSANDS OF DOLLARS)

Line No.	Retail Electric Provider (REP)	Reason for write off	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
1	Abacus Resources Energy LLC	Defaulted CR	5	TDCS	21	-	-	-	21	21
2	TexRep I, LLC	Defaulted CR	5	TDCS	207	-	-	-	207	207
3	TrueSmart Energy	Defaulted CR	5	TDCS	283	-	-	-	283	283
4	Competitive Retailer Bad Debt in Rates	16 TAC §25.107(f)(3)B	5	TDCS	1,058	-	-	-	1,058	1,058
5										
6	TOTAL REP BAD DEBT				1,569	-	-	-	1,569	1,569

* Note: The Company is requesting amortization of these items in this Docket.
 See Schedule II-E-4.1

PUBLIC UTILITY COMMISSION OF TEXAS CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC II-D-2.3 ADVERTISING, CONTRIBUTIONS, & DUES SUMMARY TEST YEAR ENDED 12/31/2018 DOCKET NO. 49421 SPONSOR: K. COLVIN (THOUSANDS OF DOLLARS)	<u>INDEX</u>
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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Advertising	II-D-2.4	386	-	-	386
2		Contributions / Donations	II-D-2.5	1,049	-	-	1,049
3		Organization Memberships / Dues	II-D-2.6	3,104	-	-	3,104
4							
5		TOTAL EXPENSES SUBJECT TO 0.3% LIMITATION		4,539	-	-	4,539
6							
7							
8		TEST OF SUBSTANTIVE RULE 25.231(b)(1)(E):					
9		Advertising, Contribution, and Dues Limitation					
10							
11		Applicable Test Year Revenues		\$ 2,640,232			
12		% Limitation *		0.003			
13		DOLLAR LIMITATION		\$ 7,921			A
14							
15		Total Test Year Expense, Above		\$ 4,539			
16		Less Organization Memberships / Dues		3,104			
17		<u>Subtotal</u>		<u>1,435</u>			B
18							
19		(OVER)/UNDER LIMIT		\$ 6,486			C = A - B

*<http://www.puc.texas.gov/agency/rulesnlaws/subrules/electric/25.231/25.231.pdf>

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.3 ADVERTISING, CONTRIBUTIONS, & DUES SUMMARY
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
1		Advertising	II-D-2.4	1	DA	386	7	24	-	355	386
2		Contributions / Donations	II-D-2.5	1	DA	1,049	433	542	37	37	1,049
3		Organization Memberships / Dues	II-D-2.6	1	DA	3,104	984	1,844	2	276	3,105
4											
5		TOTAL EXPENSES SUBJECT TO 0.3% LIMITATION				4,539	1,423	2,410	39	668	4,540
6											
7											
8		TEST OF SUBSTANTIVE RULE 25.231(b)(1)(E):									
9		Advertising, Contribution, and Dues Limitation									
10											
11		Applicable Test Year Revenues									
12		% Limitation *									
13		DOLLAR LIMITATION									
14											
15		Total Test Year Expense, Above									
16		Less Organization Memberships / Dues									
17		Subtotal									
18											
19		(OVER)/UNDER LIMIT									

*<http://www.puc.texas.gov/agency/rulesnlaws/subrules/electric/25.231/25.231.pdf>

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.4 SUMMARY OF ADVERTISING EXPENSE
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN**

INDEX

(THOUSANDS OF DOLLARS)

Line No.	FERC Account	Category	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Advertising Expenses					
2	9090	Informational/Instructional	II-D-2.4	19	-	-	19
3	9130	Promote & Retain Usage	II-D-2.4	-	-	-	-
4	9301	General	II-D-2.4	367	-	-	367
5							
6		TOTAL ADVERTISING COST	II-D-2.3	386	-	-	386

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.4 SUMMARY OF ADVERTISING EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account.	Category	Reference Schedule	5	6	7	8	9	10	11	12
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total
1	Advertising Expenses										
2	9090	Informational/Instructional	II-D-2.4	5	TDCS	19	-	-	-	19	19
3	9130	Promote & Retain Usage	II-D-2.4	1	DA	-	-	-	-	-	-
4	9301	General	II-D-2.4	1	DA	367	7	24	-	336	367
5											
6	TOTAL ADVERTISING COST		II-D-2.3			386	7	24	-	355	386

**PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.4a CAPITALIZED ADVERTISING
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN**

INDEX

There was no capitalized advertising for the test year 2018.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.5 SUMMARY OF CONTRIBUTION AND DONATION EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Category	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Contribution and Donation Expenses					
2	9302	Educational		90	-	-	90
3	9302	Community Service		779	-	-	779
4	9302	Economic Development		180	-	-	180
5							
6		TOTAL CONTRIBUTIONS & DONATIONS	II-D-2.3	1,049	-	-	1,049

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.5 SUMMARY OF CONTRIBUTION AND DONATION EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Category	Reference Schedule	5	6	7	8	9	10	11	12
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total
1	Contribution and Donation Expenses										
2	9302	Educational		6	TOTREV	90	37	47	3	3	90
3	9302	Community Service		6	TOTREV	779	321	403	28	27	779
4	9302	Economic Development		6	TOTREV	180	74	93	6	6	180
5											
6	TOTAL CONTRIBUTIONS & DONATIONS		II-D-2.3			1,049	433	542	37	37	1,049

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6 SUMMARY OF MEMBERSHIP DUES EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Category	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Membership Dues Expenses					
2	Various	Industry Organizations	II-D-2.6a	2,699	-	-	2,699
3	Various	Business/Economic Organizations	II-D-2.6b	240	-	-	240
4	Various	Professional Organizations	II-D-2.6c	273	-	-	273
5							
6		TOTAL MEMBERSHIP DUES	II-D-2.3	3,212	-	-	3,212
7							
8	9302	Less: Social/Recreational/Religious	WP II-D-2.6	8	-	-	8
9	9302	Less: Political	WP II-D-2.6	100	-	-	100
10							
11		TOTAL MEMBERSHIP DUES SUBJECT TO LIMITATION	II-D-2.3	3,104	-	-	3,104

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6 SUMMARY OF MEMBERSHIP DUES EXPENSE
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Category	Reference Schedule	5	6	7	8	9	10	11	12
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total
1	Membership Dues Expenses										
2	Various	Industry Organizations	II-D-2.6a	12	PAYXAG	2,699	947	1,706	1	46	2,700
3	Various	Business/Economic Organizations	II-D-2.6b	12	PAYXAG	240	48	177	0	15	240
4	Various	Professional Organizations	II-D-2.6c	1	DA	273	11	40	0	222	273
5											
6	TOTAL MEMBERSHIP DUES		II-D-2.3			3,212	1,005	1,924	2	283	3,213
7											
8	9302	Less: Social/Recreational/Religious	WP II-D-2.6	12	PAYXAG	8	2	6	0	0	8
9	9302	Less: Political	WP II-D-2.6	12	PAYXAG	100	20	74	0	6	100
10											
11	TOTAL MEMBERSHIP DUES SUBJECT TO LIMITATION		II-D-2.3			3,104	984	1,844	2	276	3,105

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6a SUMMARY OF INDUSTRY ORGANIZATION DUES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Organization	Reference Schedule	1	2	3	4	
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric	
1	Membership Dues - Industry Organization Dues							
2	9302	Association Of Edison Illuminating Companies		6	-	-	6	
3	9302	AESP (Association Of Energy Services Professionals)		14	-	-	14	
4	9302	Edison Electric Institute		690	-	-	690	
5	Various	EPRI		1,969	-	-	1,969	
6	9302	Greater Houston Builders		1	-	-	1	
7	9302	North American Energy Standards Board		7	-	-	7	
8	9302	Southeastern Electric Exchange Inc		11	-	-	11	
9	9302	Misc Items Under \$500		1	-	-	1	
10								
11	TOTAL INDUSTRY ORGANIZATION DUES			II-D-2.6	2,699	-	-	2,699

* Purpose indicated in the title or FERC account description

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.6a SUMMARY OF INDUSTRY ORGANIZATION DUES
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)**

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Line No.	FERC Account	Organization	Reference Schedule	5	6	7	8	9	10	11	12	13
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total	Brief Purpose of Organization
1	Membership Dues - Industry Organization Dues											
2	9302	Association Of Edison Illuminating Companies		12	PAYXAG	6	1	4	0	0	6	*
3	9302	AESP (Association Of Energy Services Professionals)		12	PAYXAG	14	3	10	0	1	14	*
4	9302	Edison Electric Institute		12	PAYXAG	690	137	509	1	43	690	*
5	Various	EPRI		12	PAYXAG	1,969	802	1,168	-	-	1,970	*
6	9302	Greater Houston Builders		12	PAYXAG	1	0	1	0	0	1	*
7	9302	North American Energy Standards Board		12	PAYXAG	7	1	5	0	0	7	*
8	9302	Southeastern Electric Exchange Inc		12	PAYXAG	11	2	8	0	1	11	*
9	9302	Misc Items Under \$500		12	PAYXAG	1	0	1	0	0	1	*
10												
11	TOTAL INDUSTRY ORGANIZATION DUES			II-D-2.6		2,699	947	1,706	1	46	2,700	

* Purpose indicated in the title or FERC account description

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6b SUMMARY OF BUSINESS/ECONOMIC DUES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Membership Dues - Business/Economic Dues					
2	9100	BAYTOWN WEST CHAMBERS COUNTY ECONOMIC DEVELOPMENT FOUNDATION	WP II-D-2.6b	5	-	-	5
3	9100	BIOHOUSTON INC	WP II-D-2.6b	1	-	-	1
4	9302	BRAZOSPORT AREA CHAMBER OF COMMERCE via SQUARE	WP II-D-2.6b	2	-	-	2
5	9302	CENTRAL FORT BEND CHAMBER	WP II-D-2.6b	3	-	-	3
6	9302	CLEAR LAKE AREA CHAMBER OF COMM	WP II-D-2.6b	2	-	-	2
7	9302	CORPORATE COMMUNITY RELATIONS COUNCIL	WP II-D-2.6b	1	-	-	1
8	9302	CY-FAIR HOUSTON CHAMBER O	WP II-D-2.6b	2	-	-	2
9	9302	DEER PARK CHAMBER OF COMM	WP II-D-2.6b	1	-	-	1
10	9100	ECONOMIC ALLIANCE HOUSTON PORT REGION	WP II-D-2.6b	5	-	-	5
11	9302	ECONOMIC DEVELOPMENT ALLIANCE	WP II-D-2.6b	5	-	-	5
12	9302	FORT BEND CHAMBER OF COM	WP II-D-2.6b	4	-	-	4
13	9100	FORT BEND ECONOMIC DEVELOPMENT COUNCIL	WP II-D-2.6b	7	-	-	7
14	9302	GALVESTON CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
15	9100	GALVESTON ECONOMIC DEVELOPMENT	WP II-D-2.6b	4	-	-	4
16	9302	GALVESTON HISTORICAL FOUNDATION	WP II-D-2.6b	1	-	-	1
17	9302	GREATER TOMBALL AREA CHAMBER	WP II-D-2.6b	1	-	-	1
18	9302	GRTR MAGNOLIA PKW CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
19	9302	GULF COAST POWER ASSOCIATE	WP II-D-2.6b	2	-	-	2
20	9080	HOUSTON BUILDING OWNERS A	WP II-D-2.6b	2	-	-	2
21	9080	IEDC ONLINE	WP II-D-2.6b	1	-	-	1
22	9080	IEDC ONLINE	WP II-D-2.6b	2	-	-	2
23	9080	IEDC ONLINE	WP II-D-2.6b	2	-	-	2
24	9302	INTERNATIONAL ECONOMIC DEVELOPMENT COUNCIL	WP II-D-2.6b	2	-	-	2
25	H150	INTUIT PAYMENT SOLUTIONS,	WP II-D-2.6b	2	-	-	2
26	9302	INTUIT PAYMENT SOLUTIONS,	WP II-D-2.6b	10	-	-	10
27	9100	KATY AREA ECONOMIC DEVELOPMENT	WP II-D-2.6b	8	-	-	8
28	9302	KATY CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
29	9302	LA PORTE-BAYSHORE CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
30	9100	LAKE HOUSTON ECONOMIC DEVELOPMENT	WP II-D-2.6b	6	-	-	6

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6b SUMMARY OF BUSINESS/ECONOMIC DUES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor Name	5	6	7	8	9	10	11	12	13
						Allocation to Texas	TRAN	DIST	MET	TDCS	Total	Brief Purpose of Organization		
1		Membership Dues - Business/Economic Dues												
2	9100	BAYTOWN WEST CHAMBERS COUNTY ECONOMIC DEVELOPMENT FOUNDATION	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	0	5	*	
3	9100	BIOHOUSTON INC	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
4	9302	BRAZOSPORT AREA CHAMBER OF COMMERCE via SQUARE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
5	9302	CENTRAL FORT BEND CHAMBER	WP II-D-2.6b	12	PAYXAG	3	1	2	0	0	0	3	*	
6	9302	CLEAR LAKE AREA CHAMBER OF COMM	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
7	9302	CORPORATE COMMUNITY RELATIONS COUNCIL	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
8	9302	CY-FAIR HOUSTON CHAMBER O	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
9	9302	DEER PARK CHAMBER OF COMM	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
10	9100	ECONOMIC ALLIANCE HOUSTON PORT REGION	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	0	5	*	
11	9302	ECONOMIC DEVELOPMENT ALLIANCE	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	0	5	*	
12	9302	FORT BEND CHAMBER OF COM	WP II-D-2.6b	12	PAYXAG	4	1	3	0	0	0	4	*	
13	9100	FORT BEND ECONOMIC DEVELOPMENT COUNCIL	WP II-D-2.6b	12	PAYXAG	7	1	5	0	0	0	7	*	
14	9302	GALVESTON CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
15	9100	GALVESTON ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	4	1	3	0	0	0	4	*	
16	9302	GALVESTON HISTORICAL FOUNDATION	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
17	9302	GREATERTOMBALL AREA CHAMBER	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
18	9302	GRTR MAGNOLIA PKW CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
19	9302	GULF COAST POWER ASSOCIATE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
20	9080	HOUSTON BUILDING OWNERS A	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
21	9080	IEDC ONLINE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
22	9080	IEDC ONLINE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
23	9080	IEDC ONLINE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
24	9302	INTERNATIONAL ECONOMIC DEVELOPMENT COUNCIL	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
25	H150	INTUIT PAYMENT SOLUTIONS,	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	0	2	*	
26	9302	INTUIT PAYMENT SOLUTIONS,	WP II-D-2.6b	12	PAYXAG	10	2	7	0	1	10	*		
27	9100	KATY AREA ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	8	2	6	0	0	0	8	*	
28	9302	KATY CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
29	9302	LA PORTE-BAYSHORE CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	0	1	*	
30	9100	LAKE HOUSTON ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	6	1	4	0	0	0	6	*	

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.6b SUMMARY OF BUSINESS/ECONOMIC DUES
TEST YEAR ENDED 12/31/2018
DOCKET NO. 49421
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

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Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
31	9302	NORTH CHANNEL AREA CHAMBER	WP II-D-2.6b	1	-	-	1
32	9302	PASADENA CHAMBER OF COMME	WP II-D-2.6b	1	-	-	1
33	9302	PASADENA CHAMBER OF COMME	WP II-D-2.6b	2	-	-	2
34	9302	PEARLAND CHAMBER OF COMM	WP II-D-2.6b	1	-	-	1
35	9302	ROTARY CLUB OF HUMBLE INT	WP II-D-2.6b	1	-	-	1
36	9302	SEALY CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
37	9302	SOUTH BELT CHAMBER OF COM	WP II-D-2.6b	1	-	-	1
38	9302	SOUTH HOUSTON CHAMBER OF	WP II-D-2.6b	1	-	-	1
39	9080	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	1	-	-	1
40	9080	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	1	-	-	1
41	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	1	-	-	1
42	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	1	-	-	1
43	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	1	-	-	1
44	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	3	-	-	3
45	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	10	-	-	10
46	9100	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	100	-	-	100
47	9302	TEXAS MOTOR TRANSPOR ASSO	WP II-D-2.6b	2	-	-	2
48	9302	THE GRAND 1894 OPERA HOUSE	WP II-D-2.6b	2	-	-	2
49	9100	THE LAKE HOUSTON AREA CHAMBER OF COMMERCE	WP II-D-2.6b	2	-	-	2
50	9100	THE WOODLANDS AREA ECONOMIC DEVELOPMENT PARTNERSHIP	WP II-D-2.6b	5	-	-	5
51	9080	UTILITY ECONOMIC DEVELOPM	WP II-D-2.6b	1	-	-	1
52	9100	WALLER COUNTY ECONOMIC DEVELOPMENT	WP II-D-2.6b	3	-	-	3
53	9100	WEST HOUSTON ASSOCIATION	WP II-D-2.6b	5	-	-	5
54	9302	WHARTON CHAMBER OF COMMERCE	WP II-D-2.6b	1	-	-	1
55	9100	WHARTON CHAMBER OF COMMERCE	WP II-D-2.6b	2	-	-	2
56	9100	Misc Items Under \$500	WP II-D-2.6b	5	-	-	5
57							
58		TOTAL BUSINESS AND ECONOMIC DUES	II-D-2.6	240	-	-	240

* Purpose indicated in the title or FERC account description

**PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.6b SUMMARY OF BUSINESS/ECONOMIC DUES
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)**

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Line No.	FERC Account	Description	Reference Schedule	FF #	Functionalization Factor Name								Total	Brief Purpose of Organization
						5	6	7	8	9	10	11		
31	9302	NORTH CHANNEL AREA CHAMBER	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
32	9302	PASADENA CHAMBER OF COMME	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
33	9302	PASADENA CHAMBER OF COMME	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	2	*		
34	9302	PEARLAND CHAMBER OF COMM	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
35	9302	ROTARY CLUB OF HUMBLE INT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
36	9302	SEALY CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
37	9302	SOUTH BELT CHAMBER OF COM	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
38	9302	SOUTH HOUSTON CHAMBER OF	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
39	9080	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
40	9080	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
41	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
42	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
43	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
44	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	3	1	2	0	0	3	*		
45	9302	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	10	2	7	0	1	10	*		
46	9100	TEXAS ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	100	20	74	0	6	100	*		
47	9302	TEXAS MOTOR TRANSPO ASSO	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	2	*		
48	9302	THE GRAND 1894 OPERA HOUSE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	2	*		
49	9100	THE LAKE HOUSTON AREA CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	2	*		
50	9100	THE WOODLANDS AREA ECONOMIC DEVELOPMENT PARTNERSHIP	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	5	*		
51	9080	UTILITY ECONOMIC DEVELOPM	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
52	9100	WALLER COUNTY ECONOMIC DEVELOPMENT	WP II-D-2.6b	12	PAYXAG	3	1	2	0	0	3	*		
53	9100	WEST HOUSTON ASSOCIATION	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	5	*		
54	9302	WHARTON CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	1	0	1	0	0	1	*		
55	9100	WHARTON CHAMBER OF COMMERCE	WP II-D-2.6b	12	PAYXAG	2	0	1	0	0	2	*		
56	9100	Misc Items Under \$500	WP II-D-2.6b	12	PAYXAG	5	1	4	0	0	5	*		
57														
58		TOTAL BUSINESS AND ECONOMIC DUES	II-D-2.6			240	48	177	0	15	240			

* Purpose indicated in the title or FERC account description

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.6c SUMMARY OF PROFESSIONAL DUES
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	1	2	3	4
				Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
1		Membership Dues - Professional Dues					
2	9302	ASSOCIATION FOR TALENT DEVELOPMENT HOUSTON	WP II-D-2.6c	2	-	-	2
3	9302	ELECTRIC DRIVE TRANSPORTATION ASSOCIATION	WP II-D-2.6c	62	-	-	62
4	9302	EUCG	WP II-D-2.6c	4	-	-	4
5	9302	GRIDWISE ALLIANCE	WP II-D-2.6c	20	-	-	20
6	9080	IAMC	WP II-D-2.6c	2	-	-	2
7	H180	INTL ASSOC OF ADMIN PRO	WP II-D-2.6c	1	-	-	1
8	H500	NORTH AMERICAN ELECTRIC RELIABILITY CORP	WP II-D-2.6c	4	-	-	4
9	9302	NORTH AMERICAN TRANSMISSION FORUM, INC	WP II-D-2.6c	142	-	-	142
10	9302	NORTH HOUSTON ASSOCIATION	WP II-D-2.6c	2	-	-	2
11	9080	PLUG-IN TEXAS COALITION	WP II-D-2.6c	10	-	-	10
12	H290	SOUTHEASTERN ELECTRIC EXCHANGE	WP II-D-2.6c	1	-	-	1
13	9302	TEXAS HEALTHCARE & BIOSCIENCE INSTITUTE	WP II-D-2.6c	2	-	-	2
14	9302	WEST GALVESTON ISLAND PROPERTY OWNERS ASSOCIATION	WP II-D-2.6c	1	-	-	1
15	Various	Under \$500	WP II-D-2.6c	22	-	-	22
16							
17		TOTAL PROFESSIONAL DUES	II-D-2.6	273	-	-	273

* Purpose indicated in the title or FERC account description

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.6c SUMMARY OF PROFESSIONAL DUES
 TEST YEAR ENDED 12/31/2018
 DOCKET NO. 49421
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Description	Reference Schedule	5	6	7	8	9	10	11	12	13
				FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total	Brief Purpose of Organization
1		Membership Dues - Professional Dues										
2	9302	ASSOCIATION FOR TALENT DEVELOPMENT HOUSTON	WP II-D-2.6c	12	PAYXAG	2	0	1	0	0	2	*
3	9302	ELECTRIC DRIVE TRANSPORTATION ASSOCIATION	WP II-D-2.6c	5	TDCS	62	-	-	-	62	62	*
4	9302	EUCG	WP II-D-2.6c	5	TDCS	4	-	-	-	4	4	*
5	9302	GRIDWISE ALLIANCE	WP II-D-2.6c	12	PAYXAG	20	4	15	0	1	20	*
6	9080	IAMC	WP II-D-2.6c	12	PAYXAG	2	0	1	0	0	2	*
7	H180	INT'L ASSOC OF ADMIN PRO	WP II-D-2.6c	12	PAYXAG	1	0	1	0	0	1	*
8	H500	NORTH AMERICAN ELECTRIC RELIABILITY CORP	WP II-D-2.6c	12	PAYXAG	4	1	3	0	0	4	*
9	9302	NORTH AMERICAN TRANSMISSION FORUM, INC	WP II-D-2.6c	5	TDCS	142	-	-	-	142	142	*
10	9302	NORTH HOUSTON ASSOCIATION	WP II-D-2.6c	12	PAYXAG	2	0	2	0	0	2	*
11	9080	PLUG-IN TEXAS COALFTION	WP II-D-2.6c	5	TDCS	10	-	-	-	10	10	*
12	H290	SOUTHEASTERN ELECTRIC EXCHANGE	WP II-D-2.6c	5	TDCS	1	-	-	-	1	1	*
13	9302	TEXAS HEALTHCARE & BIOSCIENCE INSTITUTE	WP II-D-2.6c	12	PAYXAG	2	0	1	0	0	2	*
14	9302	WEST GALVESTON ISLAND PROPERTY OWNERS ASSOCIATION	WP II-D-2.6c	12	PAYXAG	1	0	0	0	0	1	*
15	Various	Under \$500	WP II-D-2.6c	12	PAYXAG	22	4	16	0	1	22	*
16												
17		TOTAL PROFESSIONAL DUES	II-D-2.6			273	11	40	0	222	273	

* Purpose indicated in the title or FERC account description

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-D-2.7 OUTSIDE SERVICES EMPLOYED - FERC 900 SERIES EXPENSES - 2018
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Vendor	Service Last Incurred	Purpose of Service	Recurring / Non-recurring	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes	4 Company Total Electric
1	Meter Reading Expenses								
2	9020	ITRON INC - TOTAL	11/12/2018	Contr&Svcs Exp-Software Maint	Note 1	30	-	-	30
3	9020	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	5	-	-	5
4	9020	Total				35	-	-	35
5									
6	Customer Records and Collection Expenses								
7	9030	AT&T - TOTAL	12/14/2018	Contr&Svcs Exp - Long Distance/Fax	Note 1	1	-	-	1
8	9030	AT&T PAYMENT - TOTAL	12/31/2018	Contr&Svcs Exp-Wireless Services	Note 1	1	-	-	1
9	9030	DUN & BRADSTREET - TOTAL	04/06/2018	Contr&Svcs Exp-Other Services	Note 1	69	-	-	69
10	9030	HENDERSON TELECOM INC - TOTAL	12/11/2018	Contr&Svcs Exp-Additns/Alt/Removal	Note 1	2	-	-	2
11	9030	MOODYS ANALYTICS INC - TOTAL	04/06/2018	Contr&Svcs Exp-Other Services	Note 1	65	-	-	65
12	9030	NEOPOST INC - TOTAL	02/09/2018	Contr&Svcs Exp-Hardware Maint	Note 1	11	-	-	11
13	9030	PIONEER CONTRACT SERVICES - TOTAL	12/13/2018	Contr&Svcs Exp-Additns/Alt/Removal	Note 1	1	-	-	1
14	9030	PITNEY BOWES PRESORT SERVICES INC - TOTAL	12/31/2018	Contr&Svcs Exp - Admin Svcs	Note 1	1	-	-	1
15	9030	S & P GLOBAL MARKET INTELLIGENCE I - TOTAL	10/31/2018	Contr&Svcs Exp-Other Services	Note 1	89	-	-	89
16	9030	VZWRLSS APOCC VISE - TOTAL	10/15/2018	Contr&Svcs Exp-Wireless Services	Note 1	1	-	-	1
17	9030	Below \$500 Threshold TOTAL	VARIOUS	VARIOUS	Note 1	1	-	-	1
18	9030	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	57	-	-	57
19	9030	Total				299	-	-	299
20									
21	9070	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	41	-	-	41
22	9070	Total				41	-	-	41
23	Customer Assistance Expenses								
24	9080	PIONEER CONTRACT SERVICES - TOTAL	09/27/2018	Contr&Svcs Exp-Additns/Alt/Removal	Note 1	1	-	-	1
25	9080	ADECCO USA INC - TOTAL	12/23/2018	Contr&Svcs Exp-Temp Manpower Svcs	Note 1	49	-	-	49
26	9080	AZTEC EVENTS AND TENTS - TOTAL	02/12/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
27	9080	BNP MEDIA-REG - TOTAL	07/03/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	3	-	-	3
28	9080	COSTAR GROUP INC - TOTAL	09/26/2018	Contr&Svcs Exp-Other Services	Note 1	19	-	-	19
29	9080	DTC INC - TOTAL	07/03/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
30	9080	GLOBAL FORCE USA - TOTAL	12/23/2018	Contr&Svcs Exp-Temp Manpower Svcs	Note 1	21	-	-	21
31	9080	HGAC ADMINISTRATION - TOTAL	03/20/2018	Contr&Svcs Exp-Other Services	Note 1	5	-	-	5
32	9080	ICF RESOURCES LLC - TOTAL	12/31/2018	Contr&Svcs Exp-Technical Svcs	Note 1	247	-	-	247
33	9080	LEAD RETRIEVAL - TOTAL	04/09/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
34	9080	LEXIS-NEXIS - TOTAL	05/16/2018	Contr&Svcs Exp-Other Services	Note 1	17	-	-	17
35	9080	STDB, INC. - TOTAL	12/18/2018	Contr&Svcs Exp-Other Services	Note 1	2	-	-	2
36	9080	Below \$500 Threshold TOTAL	VARIOUS	VARIOUS	Note 1	2	-	-	2
37	9080	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	2,036	-	-	2,036
38	9080	Total				2,405	-	-	2,405
39									

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.7 OUTSIDE SERVICES EMPLOYED - FERC 900 SERIES EXPENSES - 2018
 TEST YEAR ENDED 12/31/2018
 DOCKET NUMBER PENDING ASSIGNMENT
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

Line No.	FERC Account	Vendor	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total	
1	Meter Reading Expenses										
2	9020	ITRON INC - TOTAL	4	MET	30	-	-	30	-	30	
3	9020	Misc Contract Services Total	4	MET	5	-	-	5	-	5	
4	9020	Total			35	-	-	35	-	35	
5											
6	Customer Records and Collection Expenses										
7	9030	AT&T - TOTAL	5	TDCS	1	-	-	-	1	1	
8	9030	AT&T PAYMENT - TOTAL	5	TDCS	1	-	-	-	1	1	
9	9030	DUN & BRADSTREET - TOTAL	5	TDCS	69	-	-	-	69	69	
10	9030	HENDERSON TELECOM INC - TOTAL	5	TDCS	2	-	-	-	2	2	
11	9030	MOODY'S ANALYTICS INC - TOTAL	5	TDCS	65	-	-	-	65	65	
12	9030	NEOPOST INC - TOTAL	5	TDCS	11	-	-	-	11	11	
13	9030	PIONEER CONTRACT SERVICES - TOTAL	5	TDCS	1	-	-	-	1	1	
14	9030	PITNEY BOWES PRESORT SERVICES INC - TOTAL	5	TDCS	1	-	-	-	1	1	
15	9030	S & P GLOBAL MARKET INTELLIGENCE 1 - TOTAL	5	TDCS	89	-	-	-	89	89	
16	9030	VZWLSS APOCC VISE - TOTAL	5	TDCS	1	-	-	-	1	1	
17	9030	Below \$500 Threshold TOTAL	5	TDCS	1	-	-	-	1	1	
18	9030	Misc Contract Services Total	5	TDCS	57	-	-	-	57	57	
19	9030	Total			299	-	-	-	299	299	
20											
21	9070	Misc Contract Services Total	5	TDCS	41	-	-	-	41	41	
22	9070	Total			41	-	-	-	41	41	
23	Customer Assistance Expenses										
24	9080	PIONEER CONTRACT SERVICES - TOTAL	5	TDCS	1	-	-	-	1	1	
25	9080	ADECCO USA INC - TOTAL	5	TDCS	49	-	-	-	49	49	
26	9080	AZTEC EVENTS AND TENTS - TOTAL	5	TDCS	1	-	-	-	1	1	
27	9080	BNP MEDIA-REG. - TOTAL	5	TDCS	3	-	-	-	3	3	
28	9080	COSTAR GROUP INC - TOTAL	5	TDCS	19	-	-	-	19	19	
29	9080	DTC INC - TOTAL	5	TDCS	1	-	-	-	1	1	
30	9080	GLOBAL FORCE USA - TOTAL	5	TDCS	21	-	-	-	21	21	
31	9080	HGAC ADMINISTRATION - TOTAL	5	TDCS	5	-	-	-	5	5	
32	9080	ICF RESOURCES LLC - TOTAL	5	TDCS	247	-	-	-	247	247	
33	9080	LEAD RETRIEVAL - TOTAL	5	TDCS	1	-	-	-	1	1	
34	9080	LEXIS-NEXIS - TOTAL	5	TDCS	17	-	-	-	17	17	
35	9080	STDB, INC. - TOTAL	5	TDCS	2	-	-	-	2	2	
36	9080	Below \$500 Threshold TOTAL	5	TDCS	2	-	-	-	2	2	
37	9080	Misc Contract Services Total	5	TDCS	2,036	-	-	-	2,036	2,036	
38	9080	Total			2,405	-	-	-	2,405	2,405	
39											

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.7 OUTSIDE SERVICES EMPLOYED - FERC 900 SERIES EXPENSES - 2018
 TEST YEAR ENDED 12/31/2018
 DOCKET NUMBER PENDING ASSIGNMENT
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Vendor	Service Last Incurred	Purpose of Service	Recurring / Non-recurring	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes	4 Company Total Electric
40	9090	Misc Contract Services Total	VARIOUS	Misc Contract Services Total		4	-	-	4
41	9090	Total				4	-	-	4
42		Miscellaneous Customer Services & Information							
43	9100	Below \$500 Threshold TOTAL	Various	Misc Contract Services Total	Note 1	1	-	-	1
44	9100	Total				1	-	-	1
45									
46		Administrative and General Salaries Expenses							
47	9200	BICSI - TOTAL	01/22/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
48	9200	GOWAN INC - TOTAL	07/20/2018	Contr&Svcs Exp-Additns/Alt/Removal	Note 1	2	-	-	2
49	9200	INSIGHT DIRECT USA INC - TOTAL	02/01/2018	Contr&Svcs Exp-Eng / Tech Svcs	Note 1	64	-	-	64
50	9200	MONA LEE AND ASSOCIATES LLC - TOTAL	12/18/2018	Contr&Svcs Exp-Eng / Tech Svcs	Note 1	50	-	-	50
51	9200	RLA COMMUNICATIONS ENGINEERING LLC - TOTAL	12/06/2018	Contr&Svcs Exp-Other Services	Note 1	6	-	-	6
52	9200	TERRACON CONSULTANTS INC - TOTAL	12/20/2018	Contr&Svcs Exp-Eng / Tech Svcs	Note 1	86	-	-	86
53	9200	UTC (UTILITIES TELECOM COUNCIL) - TOTAL	03/29/2018	Contr&Svcs Exp-Other Services	Note 1	6	-	-	6
54	9200	Below \$500 Threshold TOTAL	VARIOUS	VARIOUS	Note 1	1	-	-	1
55	9200	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	18	-	-	18
56	9200	Total				234	-	-	234
57									
58		Office Supplies Expenses							
59	9210	ENNIS INC & SUBSIDIARIES - TOTAL	12/31/2018	Contracts and Svcs Exp - Printing Services	Note 1	30	-	-	30
60	9210	HIRERIGHT INC - TOTAL	11/08/2018	Contr&Svcs Exp-Subscript-Ded	Note 1	7	-	-	7
61	9210	RAG PRINTING INC - TOTAL	12/31/2018	Contracts and Svcs Exp - Printing Services	Note 1	18	-	-	18
62	9210	REDE INC - TOTAL	12/18/2018	Contracts and Svcs Exp - Printing Services	Note 1	321	-	-	321
63	9210	RICOH USA INC - TOTAL	12/27/2018	Contr&Svcs Exp-Ofc Machine Maint	Note 1	195	-	-	195
64	9210	SYBIS LLC - TOTAL	12/20/2018	Contr&Svcs Exp-Security Electronics	Note 1	19	-	-	19
65	9210	TEJAS OFFICE PRODUCTS INC - TOTAL	05/30/2018	Contr&Svcs Exp-Security Electronics	Note 1	1	-	-	1
66	9210	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	7	-	-	7
67	9210	Total				598	-	-	598
68									
69		Outside Services Employed							
70	9230	DELOITTE & TOUCHE LLP - TOTAL	03/29/2018	Contracts and Svcs Exp - Auditing Svcs	Note 1	423	-	-	423
71	9230	WESTEX SECURITY SERVICES INC - TOTAL	12/14/2018	Contr&Svcs Exp-Security Owned	Note 1	222	-	-	222
72	9230	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	419	-	-	419
73	9230	Total				1,064	-	-	1,064
74									

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.7 OUTSIDE SERVICES EMPLOYED - FERC 900 SERIES EXPENSES - 2018
 TEST YEAR ENDED 12/31/2018
 DOCKET NUMBER PENDING ASSIGNMENT
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

Line No.	FERC Account	Vendor	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas	8 TRAN	9 DIST	10 MET	11 TDCS	12 Total
40	9090	Misc Contract Services Total	5	TDCS	4	0	0	0	4	4
41	9090	Total			4	0	0	0	4	4
42	Miscellaneous Customer Services & Information									
43	9100	Below \$500 Threshold TOTAL	5	TDCS	1	-	-	-	1	1
44	9100	Total			1	-	-	-	1	1
45	Administrative and General Salaries Expenses									
46	9200	BICSI - TOTAL	12	PAYXAG	1	0	1	0	0	1
47	9200	GOWAN INC - TOTAL	12	PAYXAG	2	0	1	0	0	2
48	9200	INSIGHT DIRECT USA INC - TOTAL	12	PAYXAG	64	13	47	0	4	64
49	9200	MONA LEE AND ASSOCIATES LLC - TOTAL	12	PAYXAG	50	10	37	0	3	50
50	9200	RLA COMMUNICATIONS ENGINEERING LLC - TOTAL	12	PAYXAG	6	1	4	0	0	6
51	9200	TERRACON CONSULTANTS INC - TOTAL	12	PAYXAG	86	17	63	0	5	86
52	9200	UTC (UTILITIES TELECOM COUNCIL) - TOTAL	12	PAYXAG	6	1	4	0	0	6
53	9200	Below \$500 Threshold TOTAL	12	PAYXAG	1	0	1	0	0	1
54	9200	Misc Contract Services Total	12	PAYXAG	18	4	13	0	1	18
55	9200	Total			234	46	173	0	15	234
56	Office Supplies Expenses									
57	9210	ENNIS INC & SUBSIDIARIES - TOTAL	12	PAYXAG	30	6	22	0	2	30
58	9210	HIRERIGHT INC - TOTAL	12	PAYXAG	7	1	5	0	0	7
59	9210	RAG PRINTING INC - TOTAL	12	PAYXAG	18	4	13	0	1	18
60	9210	REDE INC - TOTAL	12	PAYXAG	321	64	237	1	20	321
61	9210	RICOH USA INC - TOTAL	12	PAYXAG	195	39	144	0	12	195
62	9210	SYBIS LLC - TOTAL	12	PAYXAG	19	4	14	0	1	19
63	9210	TEJAS OFFICE PRODUCTS INC - TOTAL	12	PAYXAG	1	0	1	0	0	1
64	9210	Misc Contract Services Total	12	PAYXAG	7	1	5	0	0	7
65	9210	Total			598	119	441	1	37	598
66	Outside Services Employed									
67	9230	DELOITTE & TOUCHE LLP - TOTAL	7	TOMXFP(565)	423	66	266	46	45	423
68	9230	WESTEX SECURITY SERVICES INC - TOTAL	7	TOMXFP(565)	222	35	140	24	24	222
69	9230	Misc Contract Services Total	7	TOMXFP(565)	419	65	264	46	44	419
70	9230	Total			1,064	166	670	116	113	1,064
71										
72										
73										
74										

PUBLIC UTILITY COMMISSION OF TEXAS
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 II-D-2.7 OUTSIDE SERVICES EMPLOYED - FERC 900 SERIES EXPENSES - 2018
 TEST YEAR ENDED 12/31/2018
 DOCKET NUMBER PENDING ASSIGNMENT
 SPONSOR: K. COLVIN
 (THOUSANDS OF DOLLARS)

INDEX

Line No.	FERC Account	Vendor	Service Last Incurred	Purpose of Service	Recurring / Non-recurring	1	2	3	4
						Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric
75		Injuries & Damages							
76	9250	3DINTERNET - TOTAL	08/03/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	6	-	-	6
77	9250	ACT ADOBE MAX 2018 - TOTAL	11/09/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
78	9250	RICHARD WILSON - TOTAL	09/10/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
79	9250	SIMON PRINTING COMPANY - TOTAL	08/07/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
80	9250	SOLUTIONS PEST & LAWN - TOTAL	12/06/2018	Contr&Svcs Exp-Other Services	Note 1	1	-	-	1
81	9250	WASTE MANAGEMENT OF TEXAS INC - TOTAL	12/04/2018	Contr&Svcs Exp-Other Services	Note 1	8	-	-	8
82	9250	Below \$500 Threshold TOTAL	VARIOUS	VARIOUS	Note 1	-	-	-	-
83	9250	Misc Contract Services Total	VARIOUS	Misc Contract Services Total	Note 1	4	-	-	4
84	9250	Total				22	-	-	22
85									
86		Miscellaneous General Expenses							
87	9302	3MDETEC 95313680 51371 - TOTAL	02/16/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	2	-	-	2
88	9302	A T & T MOBILITY LLC - TOTAL	12/11/2018	Contr&Svcs Exp-Wireless Services	Note 1	816	-	-	816
89	9302	ACTIVU CORPORATION - TOTAL	02/16/2018	Contr&Svcs Exp-Software Maint	Note 1	33	-	-	33
90	9302	ADECCO USA INC - TOTAL	12/23/2018	Contr&Svcs Exp-Temp Manpower Svcs	Note 1	20	-	-	20
91	9302	ADOBE SYSTEMS, INC - TOTAL	03/21/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	6	-	-	6
92	9302	ADVANCE FIBER OPTICS - TOTAL	06/04/2018	Contr&Svcs Exp-Software Maint	Note 1	13	-	-	13
93	9302	ADVANCED CONCRETE - TOTAL CONST	11/12/2018	Contr&Svcs Exp-Construct Svcs	Note 1	252	-	-	252
94	9302	ADVANCED CONCRETE - TOTAL	11/12/2018	Contr&Svcs-Billable Contracted Labor	Note 1	71	-	-	71
95	9302	AERIOR LTD - TOTAL	11/27/2018	Contr&Svcs Exp-Other Services	Note 1	2	-	-	2
96	9302	AERIOR LTD - TOTAL OTHER	12/31/2018	Contr&Svcs Exp-Other Services	Note 1	96	-	-	96
97	9302	ALCATEL USA MARKETING INC - TOTAL	09/14/2018	Contr&Svcs Exp-Hardware Maint	Note 1	5	-	-	5
98	9302	ARGUS TALENT LLC - TOTAL	12/23/2018	Contr&Svcs Exp-Temp Manpower Svcs	Note 1	24	-	-	24
99	9302	A-ROCKET MOVING & STORAGE INC - TOTAL	05/21/2018	Contr&Svcs Exp-Technical Svcs	Note 1	1	-	-	1
100	9302	AT&T - TOTAL	12/07/2018	Contr&Svcs Exp - Long Distance/Fax	Note 1	33	-	-	33
101	9302	BEAED, LP - TOTAL	11/20/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	4	-	-	4
102	9302	BINKLEY & BARFIELD INC - TOTAL	08/14/2018	Contr&Svcs Exp-Eng / Tech Svcs	Note 1	15	-	-	15
103	9302	BRIAN C ALBRITTON - TOTAL	08/30/2018	Contr&Svcs Exp-Media	Note 1	1	-	-	1
104	9302	CABLETEX COMMUNICATION LLC - TOTAL	11/12/2018	Contr&Svcs Exp-Technical Svcs	Note 1	11	-	-	11
105	9302	CHAMPION TECHNOLOGY SERVICES INC - TOTAL CONST	07/09/2018	Contr&Svcs Exp-Construct Svcs	Note 1	19	-	-	19
106	9302	CHAMPION TECHNOLOGY SERVICES INC - TOTAL TECH	10/31/2018	Contr&Svcs Exp-Technical Svcs	Note 1	79	-	-	79
107	9302	CHAMPION TECHNOLOGY SERVICES INC - TOTAL CL	07/09/2018	Contr&Svcs-Billable Contracted Labor	Note 1	43	-	-	43
108	9302	CHEMICAL WEED CONTROL - TOTAL LABOR	05/23/2018	Contr&Svcs-Billable Contracted Labor	Note 1	28	-	-	28
109	9302	CHEMICAL WEED CONTROL - TOTAL	10/15/2018	Contr&Svcs Exp-Tree Clear Svcs	Note 1	33	-	-	33
110	9302	CLEVEST SOLUTIONS INC - TOTAL	03/20/2018	Contr&Svcs Exp-Software Maint	Note 1	44	-	-	44
111	9302	COMCAST HOLDINGS CORPORATION - TOTAL	01/19/2018	Contr&Svcs Exp-Technical Svcs	Note 1	12	-	-	12
112	9302	DAVEY TREE SURGERY COMPANY - TOTAL	02/05/2018	Contr&Svcs Exp-Tree Clear Svcs	Note 1	2	-	-	2
113	9302	DEUTSCHE BANK TRUST CO AMERICAS - TOTAL	04/11/2018	Contr&Svcs Exp-Prof Svcs-Ded	Note 1	40	-	-	40