PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-2.1 MODEL INFORMATION
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

Line No.	Topic	Description
1	1. Statistical Package	Models are estimated using the Regression component of MetrixND. Regression models are estimated using least squares. Regression models with first order autoregressive residuals are estimated using nonlinear least squares. Model results are provided in a set of model export spreadsheets that contain all of the data, model statistics, coefficient statistics, and actual and predicted values. The model files are listed below in Topics 5 to 9 of this schedule (lines 81-176).
2	2a. Estimated Coefficients	See Coef tab on each model spreadsheet. This tab contains coefficients, estimated standard errors, and t-statistics.
3	2b. R-Square and Adjusted R-Square	See MStat tab on each model spreadsheet.
4	2c. Durbin Watson Statistic	See MStat tab on each model spreadsheet.
5	2d. Sum of squared residuals	See Sum of Squared Errors on MStat tab on each model spreadsheet.
6	2e. Standard Error	See Std. Error of Regression on MStat tab on each model spreadsheet.
7	2f. Number of observations	See Adjusted Observations on MStat tab on each model spreadsheet.
8	2g. F-statistic	See MStat tab on each model spreadsheet.
9	2h. Sample period and periodicity	For energy and peak models, coefficients are estimated using daily AMS and IDR data for each class. Daily data cover the period from Jan 1, 2015 to Dec 31, 2018. For Billing Demand the model is monthly. Billing demand models use monthly billing data from Jan 2015 to Dec 2018.
10	2i. Description of each variable	See Variable names in the Variable column of each spreadsheet. Variable names include the name of the table on which the variable is defined concatenated with the variable name itself (Table.Variable). For defniitions, see the Definition column on the Coef tab of each model spreadsheet. Units of measurement are provided in the Units column. Variable definitions are summarized below in Item 4.

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11	3. Model Spreadsheet Format	Each model is presented in a separate spreadsheet. Tabs in each spreadsheet are as follows: -- Data tab: Provides a full listing of data for all variables used in the model -- DStat tab: Provides data statistics for each variable (Mean, Standard Deviation, Minimum, Maximum, ... -- Corr tab: Provides correlation coefficients computed for each pair of variables -- Coef tab: Shows estimated coefficients, standard errors, t-statistics, and variable definitions -- MStat: Contains Model statistics, including in sample and out-of-sample statistics -- Err: Provides actual, predicted, and residual values for each observation in the estimation period -- Elas: Provides estimated elasticity values computed at the mean of X and Y variable values -- BX: Shows the contribution of each X variable in the model to the total model predicted value -- YHat: Shows predicted value confidence bands for each observation
12		
13	4. Definitions -- Daily Models	Definitions of variables used in the daily models are as follows.
14	CONST	Constant term = 1 on all days
15	Jan	Binary = 1 in January
16	Feb	Binary = 1 in February
17	Mar	Binary = 1 in March
18	Apr	Binary = 1 in April
19	May	Binary = 1 in May
20	Jun	Binary = 1 in June
21	Jul	Binary = 1 in July
22	Aug	Binary = 1 in August

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Line No.	Topic	Description
23	Sep	Binary = 1 in September
24	Oct	Binary = 1 in October
25	Nov	Binary = 1 in November
26	Monday	Binary = 1 on Monday
27	Tuesday	Binary = 1 on Tuesday
28	Thursday	Binary = 1 on Thursday
29	Friday	Binary = 1 on Friday
30	Saturday	Binary = 1 on Saturday
31	Sunday	Binary = 1 on Sunday
32	MLK	Binary = 1 on M L King Day
33	PresDay	Binary = 1 on Presidents Day
34	GoodFri	Binary = 1 on Good Friday
35	MemDay	Binary = 1 on Memorial Day
36	July4th	Binary = 1 on Independence Day
37	LaborDay	Binary = 1 on Labor Day
38	Thanks	Binary = 1 on Thanksgiving Day
39	FriAThanks	Binary = 1 on Friday after Thanksgiving
40	XMasWkB4	Binary = 1 on week before XMas
41	XMasEve	Binary = 1 on XMas Eve
42	XMasDay	Binary = 1 on XMas Day
43	XMasWk	Binary = 1 during week after XMas
44	NYEve	Binary = 1 on New Years Eve
45	NYDay	Binary = 1 on New Years Day
46	Yr2016	Binary = 1 for 2016
47	Yr2017	Binary = 1 for 2017
48	Yr2018	Binary = 1 for 2018
49	AvgDB	Average drybulb temperature for the day. Average over 24 hourly values.
50	AvgDP	Average dewpoint temperature for the day.
51	AvgHum	Average relative humidity (Percent)
52	HD65	Heating Degrees base 65 (Max(65 - AvgDB, 0))
53	HD60	Heating Degrees base 60 (Max(60 - AvgDB, 0))

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Line No.	Topic	Description
54	HD55	Heating Degrees base 55 (Max(55 - AvgDB, 0))
55	HD50	Heating Degrees base 50 (Max(50 - AvgDB, 0))
56	HD45	Heating Degrees base 45 (Max(45 - AvgDB, 0))
57	HD40	Heating Degrees base 40 (Max(40 - AvgDB, 0))
58	CD55	Cooling Degrees base 55 (Max(AvgDB - 55, 0))
59	CD60	Cooling Degrees base 60 (Max(AvgDB - 60, 0))
60	CD65	Cooling Degrees base 65 (Max(AvgDB - 65, 0))
61	CD70	Cooling Degrees base 70 (Max(AvgDB - 70, 0))
62	CD75	Cooling Degrees base 75 (Max(AvgDB - 75, 0))
63	CD80	Cooling Degrees base 80 (Max(AvgDB - 80, 0))
64	HDSpline	Heating Degree Spline -- Incorporates multiple heating degree variables with statistical weights. HDSpline = W60*HD60 + W55*HD55+ W50*HD50+ W45*HD45. Weights are based on regressions with a subset of the HD variables. Weights are different for each class. Weights are different for energy models and peak models.
65	WkEndHD	Heating Degree Spline interacted with Weekend Days. Allows weather slope on weekend days to be different from week days. Weekend days defined to include Saturday, Sunday, and Major Holidays.
66	FallHD	Heating Degree Spline on Fall Days. Allows weather slope on fall days to be different from summer days. Fall defined to 1.0 starting at midyear, phasing out linearly during November, then 0.0 to end of year.
67	CDSpline	Cooling Degree Spline -- Incorporates multiple cooling degree variables with statistical weights. CDDSpline = W65*CD65+ W70*CD70 + W75*CD75 + W80*CD80. Weights are based on regressions with a subset of the CD variables. Weights are different for each class. Weights are different for energy models and peak models.

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Line No.	Topic	Description
68	WkEndCD	Cooling Degree Spline interacted with Weekend Days. Allows weather slope on weekend days to be different from week days. Weekend days defined to include Saturday, Sunday, and Major Holidays.
69	SpringCD	Cooling Degree Spline on Spring Days. Allows weather slope on spring days to be different from summer days. Spring defined to be 1.0 for all days before April, phasing out linearly during April.
70	FallCD	Cooling Degree Spline on Fall Days. Allows weather slope on fall days to be different from summer days. Fall defined to phase in linearly in October and continue at 1.0 to end of year.
71	AR(1)	One day lagged autoregressive error term
72	CONST	Constant term = 1 for all months
73	Class_Demand	Actual Customer Demand in a month (used in Billing Demand equations)
74	Class_NCP	Monthly Class Peak
75	MaxHD60	Maximum daily HD60 value in a month (used in Secondary demand models)
76	MaxCD65	Maximum daily CD65 value in a month (used in Secondary demand models)
77	LagMaxHD60	Maximum normal HD60 for the prior month
78	LagMaxCD65	Maximum normal CD65 for the prior month
79	Hot Month	Binary variable= 1 for summer months
80		
81	Definitions - Monthly Models	Definitions of variables used in the daily models are as follows:
82	DemPerCust_CycAdj	Monthly demand per customer adjusted for the number of cycles contributing to the billing month
83	BDemPerCust_CycAdj	Monthly billing demand per customer adjusted for the number of cycles contributing to the billing month
84	MaxHD55	Maximum HD55 value for the coldest day of the month
85	MaxCD70	Maximum CD70 value for the hottest day of the month
86	Wgt_SVL_NCP	Weighted monthly class peak (NCP) per customer for current (50%) and prior month (50%)

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Line No.	Topic	Description
87	Wgt_PVS_NCP	Weighted monthly class peak (NCP) per customer for current (50%) and prior month (50%)
88	Wgt_SVL_IDR_NCP	Weighted monthly class peak (NCP) per customer for current (50%) and prior month (50%)
89	Wgt_PVS_IDR_NCP	Weighted monthly class peak (NCP) per customer for current (50%) and prior month (50%)
90	Wgt_MaxHD55	Weighted average of current month (50%) and lag month (50%) MaxHD55
91	Wgt_MaxCD70	Weighted average of current month (50%) and lag month (50%) Max CD70
92	Trinary AprMay2017	Trinary = 1 in Apr 2017, -1 in May 2017, 0 otherwise for PVS
93	Bin_July2016Plus	Binary = 1 in July 2016 and later for PVS
94	Trinary AugSep2017	Trinary = -1 in Aug 2017, 1 in Sept 2017, 0 otherwise for SVL_IDR and PVS_IDR
95		
96	5. Monthly Demand Models	
97	Sum of Peak Demand Models	
98	RS_PeakSum	Residential sum of peak demand weather adjustment
99	SVS_PeakSum	SVS sum of peak demand weather adjustment
100	SVL_PeakSum	SVL sum of peak demand weather adjustment
101	SVL_IDR_PeakSum	SVL IDR sum of peak demand weather adjustment
102	PVS_PeakSum	PVS sum of peak demand weather adjustment
103	PVS_IDR_PeakSum	PVS IDR sum of peak demand weather adjustment
104		
105	Monthly Class Demand Models	
106	SVL_Demand_Mod	SVL customer demand in a month
107	SVL_Demand_AR1	SVL customer demand in a month with an AR1 term
108	PVS_Demand_Mod	PVS customer demand in a month
109	PVS_Demand_AR1	PVS customer demand in a month with an AR1 term
110		
111	Billing Demand Models	
112	SVL_BDemand_Mod	SVL monthly billing demand
113	SVL_BDemand_AR1	SVL monthly billing demand with AR1 term

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Line No.	Topic	Description
114	SVL_IDR_BDemand_Mod	SVL IDR monthly billing demand
115	SVL_IDR_BDemand_AR1	SVL IDR monthly billing demand with AR1 term
116	PVS_BDemand_Mod	PVS monthly billing demand
117	PVS_BDemand_AR1	PVS monthly billing demand with AR1 term
118	PVS_IDR_BDemand_Mod	PVS IDR monthly billing demand
119	PVS_IDR_BDemand_AR1	PVS IDR monthly billing demand with AR1 term
120		
121	6. Daily Energy Model File Names	
122	RS_Mod	Residential daily energy
123	RS_AR1	Residential daily energy with AR1 term
124	SVS_Mod	SVS daily energy
125	SVS_AR1	SVS daily energy with AR1 term
126	SVL_Mod	SVL daily energy
127	SVL_AR1	SVL daily energy with AR1 term
128	PVS_Mod	PVS daily energy
129	PVS_AR1	PVS daily energy with AR1 term
130	SVS_IDR_Mod	SVS_IDR daily energy
131	SVL_IDR_Mod	SVL_IDR daily energy
132	SVL_IDR_AR1	SVL_IDR daily energy with AR1 term
133	PVS_IDR_Mod	PVS IDR daily energy
134	PVS_IDR_AR1	PVS IDR daily energy with AR1 term
135	Trans_Mod	TVS daily energy
136	SLS_Mod	Street Lighting daily energy
137	MLS_Mod	Municipal Lighting daily energy
138		
139	7. Class Peak Model File Names (Non-Coincident)	
140	RS_NCP	Residential daily class peak
141	RS_NCP_AR1	Residential daily class peak with AR1 term
142	SVS_NCP	SVS daily class peak
143	SVS_NCP_AR1	SVS daily class peak with AR1 term
144	SVS_IDR_NCP	SVS IDR daily class peak

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Line No.	Topic	Description
145	SVL_NCP	SVL daily class peak
146	SVL_NCP_AR1	SVL daily class peak with AR1 term
147	SVL_IDR_NCP	SVL IDR daily class peak
148	SVL_IDR_NCP_AR1	SVL_IDR daily class peak with AR1 term
149	PVS_NCP	PVS daily class peak
150	PVS_NCP_AR1	PVS daily class peak with AR1 term
151	PVS_IDR_NCP	PVS IDR daily class peak
152	PVS_IDR__NCP_AR1	PVS IDR daily class peak with AR1 term
153	Trans_NCP	TVS daily class peak
154	SLS_NCP	SLS daily class peak
155	MLS_NCP	MLS daily class peak
156		
157	8. Load at daily CEHE peak	
158	RS_CP	Residential load at daily CEHE peak
159	RS_CP_AR1	Residential load at daily CEHE peak with AR1 term
160	SVS_CP	SVS load at daily CEHE peak
161	SVS_CP_AR1	SVS peak with AR1 term
162	SVS_IDR_CP	SVS IDR load at daily CEHE peak
163	SVL_CP	SVL load at daily CEHE peak
164	SVL_CP_AR1	SVL load at daily CEHE peak with AR1 term
165	SVL_IDR_CP	SVL IDR load at daily CEHE peak
166	SVL_IDR_CP_AR1	SVL IDR load at daily CEHE peak with AR1 term
167	PVS_CP	PVS load at daily CEHE peak
168	PVS_CP_AR1	PVS load at daily CEHE peak with AR1 term
169	PVS_ IDR_CP	PVS IDR load at daily CEHE peak
170	PVS_IDR_CP_AR1	PVS IDR load at daily CEHE peak with AR1 term
171	Trans_CP	TVS load at daily CEHE peak
172	SLS_CP	SLS load at daily CEHE peak
173	MLS_CP	MLS load at daily CEHE peak
174		
175	9. Load at daily ERCOT peak	

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Line No.	Topic	Description
176	RS_ECP	Residential load at daily ERCOT peak
177	RS_ECP_AR1	Residential load at daily ERCOT peak with AR1 term
178	SVS_ECP	SVS load at daily ERCOT peak
179	SVS_ECP_AR1	SVS load at daily ERCOT peak with AR1 term
180	SVS_IDR_ECP	SVS IDR load at daily ERCOT peak
181	SVL_ECP	SVL load at daily ERCOT peak
182	SVL_ECP_AR1	SVL load at daily ERCOT peak with AR1 term
183	SVL_IDR_ECP	SVL IDR load at daily ERCOT peak
184	SVL_IDR_ECP_AR1	SVL IDR load at daily ERCOT peak with AR1 term
185	PVS_ECP	PVS load at daily ERCOT peak
186	PVS_ECP_AR1	PVS load at daily ERCOT peak with AR1 term
187	PVS_IDR_ECP	PVS IDR load at daily ERCOT peak
188	PVS_IDR_ECP_AR1	PVS IDR load at daily ERCOT peak with AR1 term
189	Trans_ECP	TVS load at daily ERCOT peak
190	SLS_ECP	SLS load at daily ERCOT peak
191	MLS_ECP	MLS load at daily ERCOT peak

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II-H-2.2 MODEL DATA
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Daily weather response models are estimated for the following variables:
-- daily class energy,
-- daily class peak,
-- daily class load at CEHE peak,
-- daily class load at ERCOT peak,
-- monthly customer demand, and
-- monthly billing demand.
Model details are shown for each model in a separate spreadsheet exported from MetrixND.
Spreadsheet names and variable definitions are provided on Form II-H-2.1.
Tabs on each spreadsheet are:
1 -- Data: Shows estimation period data values for all variables used in the model
-- DStat: Data statistics for each model variable (Mean, Max, Min, Standard Deviation, ...)
-- Corr: Correlation matrix for variables in the model
-- Coef: Estimated coefficients and statistics (standard error, t-statistic, P value, units, and definitions)
-- MStat: Model statistics (R square, AIC, BIC, MAD, MAPE, Standard Error, Durbin Watson, ...)
-- Err: Actual, Predicted, and Residual values for each observation
-- Elas: Elasticities for each X variable computed at the mean values
-- BX: Decomposition of the predicted value, showing the contribution of each X variable
-- YHat: Predicted values and upper and lower confidence bands
See the Data tab for Y and X variable data values in the final form used in the equation.

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II-H-2.3 MODEL VARIABLES
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Line No.	Topic
1	Raw data variables used in the models include: Daily weather data variables and Calendar data variables
2	Raw weather data are provided in Schedule II-H.5 for both actual and normal versions. Variables include: -- AvgDB: Daily average drybulb temperature, computed as the average of 24 hourly values -- HD65: Daily heating degrees base 65 (Max(65-AvgDB, 0)) -- HD60: Daily heating degrees base 60 (Max(60-AvgDB, 0)) -- HD55: Daily heating degrees base 55 (Max(55-AvgDB, 0)) -- HD50: Daily heating degrees base 50 (Max(50-AvgDB, 0)) -- HD45: Daily heating degrees base 45 (Max(45-AvgDB, 0)) -- CD55: Daily heating degrees base 55 (Max(AvgDB-55, 0)) -- CD60: Daily heating degrees base 60 (Max(AvgDB-60, 0)) -- CD65: Daily heating degrees base 65 (Max(AvgDB-65, 0)) -- CD70: Daily heating degrees base 70 (Max(AvgDB-70, 0)) -- CD75: Daily heating degrees base 75 (Max(AvgDB-75, 0)) -- CD80: Daily heating degrees base 80 (Max(AvgDB-80, 0))

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II-H-2.3 MODEL VARIABLES
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Line No.	Topic

The daily heating degree (HD) variables are used to compute a multipart linear heating degree spline for each class.
The formula for computing the daily HDSpline values is:

HDSpline = W60*HD60 + W55*HD55+ W50*HD50 + W45*HD45

Where the W values are weights for each degree base and the HD variables are the daily heating degrees with that base.
The weights are based on regressions that estimate the incremental power of degrees below each successive base.
3 The subset of HD variables included in the HDSpline variable and the weights vary by class.
Also a separate set of weights is estimated for energy models and for peak models for each class.
Estimated weights are shown on the following tab labeled Schedule II-H-2.3-1.

Some models include lagged HDSpline variables to capture the influence of prior day temperatures.
Daily lag values are computed from the HDSpline values using 85%/15% weights for the one day and two day lag values.
LagHD = .85 * Lag(HDSpline, 1) + .15 * Lag(HDSpline, 2)

The daily cooling degree variables are used to compute a multipart linear cooling degree spline for each class.
The formula for computing the daily CDSpline values is:

CDSpline = W65*HD65+ W70*HD70 + W75*HD75 + W80*HD80.

Where the W values are weights for each degree base and the CD variables are the daily cooling degrees with that base.
4 The weights are based on regressions that estimate the incremental power of degrees above each successive base.
The subset of CD variables included in the CDSpline variable and the weights vary by class.
Also a separate set of weights is estimated for energy models and for peak models for each class.
Estimated weights are shown on the following tab labeled Schedule II-H-2.3-1. Some models include lagged CDSpline values using 85%/15% weights for the one day and two day lag values.

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II-H-2.3 MODEL VARIABLES
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Line No.	Topic

All calendar variables in their raw form are included with the model spreadsheets in a file named CalendarVars.xlsx.
Most of the calendar variables are also shown in their raw form directly in the model spreasheets on the Data tab.
The exception is the set of variables that are interacted with the HDSpline and CDSpline variables.
These include:

WeekEnd -- A variable set to 1 on Saturday, Sunday and Major Holidays that fall on Weekdays
SpringH -- A variable that is 0.0 in winter and phases into 1.0 in spring. It is interacted with HDSpline.
FallH -- A variable that is set to 1.0 in summer and phases out to 0.0 in fall. It is interacted with HDSpline.
SpringC -- A variable that starts at 1.0 in winter and phases out to 0.0 in spring. It is interacted with CDSpline.
FallC -- A variable that starts at 0.0 in summer and phases in to 1.0 in fall. It is interacted with CDSpline

The data values for all of these variables are available in the CalendarVars.xlsx spreadsheet.

These variables are used to construct the interaction variables that appear in the model as follows:

WkEndHD = WeekEnd * HDSpline
WkEndCD = WeekEnd * CDSpline
SpringHD = SpringH * HDSpline
FallHD = FallH * HDSpline
SpringCD = SpringC * CDSpline
FallCD = FallC * CDSpline

The values of these interacted variables are shown on the Data tab in each of the model spreadsheets.

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II-H-2.3.1 MODEL VARIABLES
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Line No.	1	2	3	4	5	6

The following tables show the weights used for each class to construct HDSpline and CDSpline variables for energy and for peak models.

Heating Degree Spline Weights for Energy Models

Class	HD60	HD55	HD50	HD45
Residential	0.324	0.262	0.143	0.271
SVS	0.354	0.264	0.383	
SVL	0.225	0.121	0.653	-0.207
SVL IDR		1.000		
PVS	0.366		0.634	
PVS IDR	1.000			

Heating Degree Spline Weights for Class Peak and CP Models

Class	HD60	HD55	HD50	HD45
Residential	0.291	0.412	0.297	
SVS	0.211		0.789	
SVL	0.435		0.565	
SVL IDR		1.000		
PVS	0.591		0.409	
PVS IDR	1.000			

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II-H-2.3.1 MODEL VARIABLES
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Line No.	1	2	3	4	5	6
21	**Cooling Degree Spline Weights for Energy Models**					
22	Class	CD60	CD65	CD70	CD75	CD80
23	Residential		0.263	0.235	0.251	0.252
24	SVS	0.068	0.213	0.285	0.274	0.160
25	SVL	0.244	0.121	0.273	0.258	0.103
26	SVL IDR	0.382		0.387	0.232	-0.266
27	PVS	0.200	0.146	0.274	0.198	0.183
28	PVS IDR	0.343		0.298	0.359	-0.365
29						
30	**Cooling Degree Spline Weights for Class Peak and CP Models**					
31	Class	CD60	CD65	CD70	CD75	CD80
32	Residential		0.400	0.027	0.265	0.308
33	SVS		0.373		0.279	0.348
34	SVL	0.502		0.139	0.359	-0.111
35	SVL IDR	0.465		0.285	0.250	-0.479
36	PVS	0.372		0.234	0.180	0.214
37	PVS IDR	0.449		0.551		-0.251

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CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-3 CUSTOMER ADJUSTMENTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Please refer to the supporting schedules.

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II-H-3.1 CUSTOMER INFORMATION
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M. TROXLE

Adjusted Customers

Line No.	Class | Meter Type	Rate	January	February	March	April	May	June	July	August	September	October	November	December	Annual
	Residential (Non-IDR)	RS													
1	Non-IDR		2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	2,198,225	26,378,700
	Secondary Voltage Small	SVS													
2	Non-IDR		148,107	148,107	148,107	148,107	148,107	148,107	148,107	148,107	148,107	148,107	148,107	148,107	1,777,284
3	IDR		16	16	16	16	16	16	16	16	16	16	16	16	192
4	Total		148,123	148,123	148,123	148,123	148,123	148,123	148,123	148,123	148,123	148,123	148,123	148,123	1,777,476
	Secondary Voltage Large	SVL													
5	Non-IDR		134,120	134,120	134,120	134,120	134,120	134,120	134,120	134,120	134,120	134,120	134,120	134,120	1,609,440
6	IDR		3,742	3,742	3,742	3,742	3,742	3,742	3,742	3,742	3,742	3,742	3,742	3,742	44,904
7	Total		137,862	137,862	137,862	137,862	137,862	137,862	137,862	137,862	137,862	137,862	137,862	137,862	1,654,344
	Primary Voltage Service	PVS													
8	Non-IDR		413	413	413	413	413	413	413	413	413	413	413	413	4,956
9	IDR		586	586	586	586	586	586	586	586	586	586	586	586	7,032
10	Total		999	999	999	999	999	999	999	999	999	999	999	999	11,988
	Transmission Voltage Service	TVS													
11	IDR		204	204	204	204	204	204	204	204	204	204	204	204	2,448
	Miscellaneous Lighting Service	MLS													
12	None		12,698	12,698	12,698	12,698	12,698	12,698	12,698	12,698	12,698	12,698	12,698	12,698	152,376
	Street Lighting Service	SLS													
13	None		5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100	61,200
14	**Total Billed Sales**		2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	2,503,211	30,038,532

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-3.1 CUSTOMER INFORMATION
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Unadjusted Customers

Line No.	Class | Meter Type	1 Rate	2 January	3 February	4 March	5 April	6 May	7 June	8 July	9 August	10 September	11 October	12 November	13 December	14 Annual
	Residential (Non-IDR)	RS													
1	Non-IDR		2,166,436	2,168,465	2,171,715	2,175,573	2,176,358	2,179,048	2,182,946	2,186,660	2,188,211	2,192,423	2,194,213	2,198,225	26,180,273
	Secondary Voltage Small	SVS													
2	Non-IDR		143,484	143,761	144,898	145,882	146,442	147,128	147,513	148,604	149,461	149,935	148,862	148,107	1,764,077
3	IDR		16	17	17	16	16	15	15	14	15	15	16	16	188
4	Total		143,500	143,778	144,915	145,898	146,458	147,143	147,528	148,618	149,476	149,950	148,878	148,123	1,764,265
	Secondary Voltage Large	SVL													
5	Non-IDR		132,330	132,623	132,392	132,143	132,129	132,553	132,726	132,833	132,445	132,346	133,099	134,120	1,591,739
6	IDR		3,559	3,646	3,648	3,630	3,620	3,591	3,666	3,687	3,704	3,716	3,713	3,742	43,922
7	Total		135,889	136,269	136,040	135,773	135,749	136,144	136,392	136,520	136,149	136,062	136,812	137,862	1,635,661
	Primary Voltage Service	PVS													
8	Non-IDR		396	396	403	403	406	404	407	407	406	409	410	413	4,860
9	IDR		557	571	576	574	571	565	574	572	576	576	580	586	6,878
10	Total		953	967	979	977	977	969	981	979	982	985	990	999	11,738
	Transmission Voltage Service	TVS													
11	IDR		188	193	195	195	196	196	198	200	200	200	202	204	2,367
	Miscellaneous Lighting Service	MLS													
12	None		13,190	13,162	13,114	13,075	13,029	12,989	12,947	12,897	12,844	12,788	12,737	12,698	155,470
	Street Lighting Service	SLS													
13	None		4,779	4,865	4,862	4,915	4,912	4,917	4,931	4,953	4,994	5,000	5,008	5,100	59,236
14	**Total Billed Sales**		2,464,935	2,467,699	2,471,820	2,476,406	2,477,679	2,481,406	2,485,923	2,490,827	2,492,856	2,497,408	2,498,840	2,503,211	29,809,010

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-3.1 CUSTOMER INFORMATION
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Customer Adjustments

Line No.	Class | Meter Type	Rate	January	February	March	April	May	June	July	August	September	October	November	December	Annual
	Residential (Non-IDR)	RS													
1	Non-IDR		31,789	29,760	26,510	22,652	21,867	19,177	15,279	11,565	10,014	5,802	4,012	-	198,427
	Secondary Voltage Small	SVS													
2	Non-IDR		4,623	4,346	3,209	2,225	1,665	979	594	(497)	(1,354)	(1,828)	(755)	-	13,207
3	IDR		-	(1)	(1)	-	-	1	1	2	1	1	-	-	4
4	Total		4,623	4,345	3,208	2,225	1,665	980	595	(495)	(1,353)	(1,827)	(755)	-	13,211
	Secondary Voltage Large	SVL													
5	Non-IDR		1,790	1,497	1,728	1,977	1,991	1,567	1,394	1,287	1,675	1,774	1,021	-	17,701
6	IDR		183	96	94	112	122	151	76	55	38	26	29	-	982
7	Total		1,973	1,593	1,822	2,089	2,113	1,718	1,470	1,342	1,713	1,800	1,050	-	18,683
	Primary Voltage Service	PVS													
8	Non-IDR		17	17	10	10	7	9	6	6	7	4	3	-	96
9	IDR		29	15	10	12	15	21	12	14	10	10	6	-	154
10	Total		46	32	20	22	22	30	18	20	17	14	9	-	250
	Transmission Voltage Service	TVS													
11	IDR		16	11	9	9	8	8	6	4	4	4	2	-	81
	Miscellaneous Lighting Service	MLS													
12	None		(492)	(464)	(416)	(377)	(331)	(291)	(249)	(199)	(146)	(90)	(39)	-	(3,094)
	Street Lighting Service	SLS													
13	None		321	235	238	185	188	183	169	147	106	100	92	-	1,964
14	**Total Billed Sales**		6,487	5,752	4,881	4,153	3,665	2,628	2,009	819	341	1	359	-	229,522

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-3.2 CUSTOMER ADJUSTMENTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Line No.	Topic	Description
1	Summary	For each rate class the following adjustments were performed.
2	Page 1 of 3	The customer counts reflects the Company's books for the test year
3	Page 2 of 3	For each rate class, the change by month, increase or decrease, during the year.
4	Page 3 of 3	For each rate class, the test year end counts were annualized for each month.
5	Residential Example	Page 1 Line 1 Col 2 is 2,166,436+ Page 2 Line 1 Col 2 is 31,789=page 3 Line 1 columm 2 = 2,198,225
6	Secondary Voltage Small Example	Page 1 Line 2 Col 2 is 143,484+ Page 2 Line 2 Col 2 is 4,623 = page 3 Line 2 columm 2 = 148,107
7	Secondary Voltage Large Example	Page 1 Line 7 Col 2 is 135,889 + Page 2 Line7 Col 2 is 1,973 = page 3 Line7 columm 2 = 137,862
8	Primary Voltage Example	Page 1 Line 10 Col 2 is 953 + Page 2 Line 10 Col 2 is 46 = page 3 Line 10 columm 2 = 999
9	Transmission Example	Page 1 Line 11 Col 2 is 188 + Page 2 Line 11 Col 2 is 16 = page 3 Line 11 columm 2 = 204
10	Miscellaneous Lighting Example	Page 1 Line 12 Col 2 is 13,190 + Page 2 Line 12 Col 2 is (492) = page 3 Line 12 columm 2 =12,698
11	Street Lighting Example	Page 1 Line 12 Col 2 is 4,779 + Page 2 Line 13 Col 2 is 321 = page 3 Line 13 columm 2 =5,100

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-3.3 CUSTOMER ADJUSTMENT DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Line No.	
1	There is no additional data

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4 REVENUE IMPACTS OF ADJUSTMENTS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE /S. MCMENAMIN

Please refer to the supporting schedules for Schedule II-H-4.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (UNADJUSTED TEST YEAR REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

			Unadjusted Annual Billing Determinants			
	1	2	3	4	5	6
Line No	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA
	Residential (Non-IDR)	RS				
1	Non-IDR		26,180,273	30,568,694,098		
	Secondary Voltage Small	SVS				
2	Non-IDR		1,764,077	925,816,188		
3	IDR		188	117,676		
4	Total		1,764,265	925,933,864		
	Secondary Voltage Large	SVL				
5	Non-IDR		1,591,739	18,149,314,540	78,932,015	72,294,862
6	IDR		43,922	14,285,521,873	41,487,635	31,267,565
7	Total		1,635,661	32,434,836,413	120,419,650	103,562,427
	Primary Voltage Service	PVS				
8	Non-IDR		4,860	294,072,791	1,178,950	1,040,920
9	IDR		6,878	3,883,989,858	12,045,216	7,443,879
10	Total		11,738	4,178,062,649	13,224,166	8,484,799
	Transmission Voltage Service	TVS				
11	IDR		2,367	22,714,399,536	29,729,170	29,729,170
	Miscellaneous Lighting Service	MLS				
12	None		155,470	49,990,351		
	Street Lighting Service	SLS				
13	None		59,236	197,624,517		
14	**Total Billed Sales**		29,809,010	91,069,541,428	163,372,986	141,776,396

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (UNADJUSTED TEST YEAR REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

	1	2	7	8	9	10
Line No.	Class | Meter Type	Rate	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge
	Residential (Non-IDR)	RS				
1	Non-IDR		$ 42,500	$ 101,006	$ 504,034	$ 257,962
	Secondary Voltage Small	SVS				
2	Non-IDR		$ 2,818	$ 7,636	$ 11,312	$ 4,107
3	IDR		$ 0	$ 1	$ 1	$ 1
4	Total		$ 2,818	$ 7,637	$ 11,313	$ 4,108
	Secondary Voltage Large	SVL				
5	Non-IDR		$ 3,629	$ 30,220	$ 238,641	$ 102,371
6	IDR		$ 2,936	$ 2,820	$ 123,207	$ 66,188
7	Total		$ 6,565	$ 33,040	$ 361,847	$ 168,560
	Primary Voltage Service	PVS				
8	Non-IDR		$ 17	$ 881	$ 2,343	$ 1,759
9	IDR		$ 536	$ 966	$ 23,501	$ 15,390
10	Total		$ 553	$ 1,847	$ 25,844	$ 17,149
	Transmission Voltage Service	TVS				
11	IDR		$ 379	$ 3,731	$ 13,382	$ 61,201
	Miscellaneous Lighting Service	MLS				
12	None		$ 3,507	$ -	$ -	$ -
	Street Lighting Service	SLS				
13	None		$ -	$ -	$ -	$ -
14	**Total Billed Sales**		$ 56,322	$ 147,261	$ 916,421	$ 508,980

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (UNADJUSTED TEST YEAR REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

	1	2	11	12	13	14
Line No.	Class | Meter Type	Rate	Light Charge	Base Revenue	TCRF	EECRF
	Residential (Non-IDR)	RS				
1	Non-IDR		$ -	$ 905,502	$ 210,096	$ 22,909
	Secondary Voltage Small	SVS				
2	Non-IDR		$ -	$ 25,873	$ 5,049	$ 712
3	IDR		$ -	$ 3	$ 1	$ 0
4	Total		$ -	$ 25,876	$ 5,049	$ 713
	Secondary Voltage Large	SVL				
5	Non-IDR		$ -	$ 374,860	$ 93,774	$ 11,004
6	IDR		$ -	$ 195,152	$ 63,240	$ 8,626
7	Total		$ -	$ 570,012	$ 157,015	$ 19,629
	Primary Voltage Service	PVS				
8	Non-IDR		$ -	$ 5,001	$ 1,252	$ 204
9	IDR		$ -	$ 40,393	$ 14,721	$ 2,675
10	Total		$ -	$ 45,394	$ 15,973	$ 2,879
	Transmission Voltage Service	TVS				
11	IDR		$ -	$ 78,693	$ 53,561	$ 185
	Miscellaneous Lighting Service	MLS				
12	None		$ -	$ 3,507	$ -	$ 0
	Street Lighting Service	SLS				
13	None		$ 61,251	$ 61,251	$ -	$ 0
14	**Total Billed Sales**		$ 61,251	$ 1,690,234	$ 441,695	$ 46,315

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (UNADJUSTED TEST YEAR REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

	1	2	15	16	
Line No.	Class | Meter Type	Rate	DCRF*	Unadjusted Test Year Revenue	
	Residential (Non-IDR)	RS			
1	Non-IDR		$ 20,504	$ 1,159,011	
	Secondary Voltage Small	SVS			
2	Non-IDR		$ 1,436	$ 33,070	*Includes $31AMS charge in DCRF
3	IDR		$ 0	$ 4	
4	Total		$ 1,436	$ 33,074	
	Secondary Voltage Large	SVL			
5	Non-IDR		$ 16,344	$ 495,982	
6	IDR		$ 8,886	$ 275,905	
7	Total		$ 25,231	$ 771,887	
	Primary Voltage Service	PVS			
8	Non-IDR		$ 110	$ 6,567	
9	IDR		$ 1,122	$ 58,910	
10	Total		$ 1,232	$ 65,478	
	Transmission Voltage Service	TVS			
11	IDR		$ 120	$ 132,558	
	Miscellaneous Lighting Service	MLS			
12	None		$ 1,019	$ 4,525	
	Street Lighting Service	SLS			
13	None		$ 4,012	$ 65,263	
14	**Total Billed Sales**		$ 53,552	$ 2,231,796	

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (RATE ANNUALIZATION ADJUSTMENTS)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)
Not Applicable

			Billing Determinants									
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	Light Charge	Rate Annualization Adjustment Revenue
	Residential (Non-IDR)	RS										
1	Non-IDR											$ -
	Secondary Voltage Small	SVS										
2	Non-IDR											-
3	IDR											-
4	Total						0	0	0	0		-
	Secondary Voltage Large	SVL										
5	Non-IDR											-
6	IDR											-
7	Total						0	0	0	0		-
	Primary Voltage Service	PVS										
8	Non-IDR											-
9	IDR											-
10	Total						0	0	0	0		-
	Transmission Voltage Service	TVS										
11	IDR											-
	Miscellaneous Lighting Service	MLS										
12	None											-
	Street Lighting Service	SLS										
13	None											-
14	**Total Billed Sales**						0	0	0	0		-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (kWh CUSTOMER ADJUSTMENTS)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

			Billing Determinants									
	1	2	3	4	5	6	7	8	9	10	11	12
Line No	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	Light Charge	kWh Customer Adjustment Revenue
	Residential (Non-IDR)	RS										
1	Non-IDR		198,427	210,838,213			$ 321	$ 764	$ 3,477	$ 1,779		$ 6,341
	Secondary Voltage Small	SVS										
2	Non-IDR		13,207	6,684,914			$ 21	$ 58	$ 82	$ 30		$ 191
3	IDR		4	2,841			$ 0	$ 0	$ 0	$ 0		$ 0
4	Total		13,211	6,687,755			$ 21	$ 58	$ 82	$ 30		$ 191
	Secondary Voltage Large	SVL										
5	Non-IDR		17,701	199,982,596			$ 40	$ 333				$ 373
6	IDR		982	320,116,630			$ 65	$ 62				$ 127
7	Total		18,683	520,099,226			$ 105	$ 395	$ -	$ -		$ 500
	Primary Voltage Service	PVS										
8	Non-IDR		96	5,544,043			$ 0	$ 17				$ 18
9	IDR		154	88,892,063			$ 12	$ 21				$ 33
10	Total		250	94,436,106			$ 12	$ 39	$ -	$ -		$ 51
	Transmission Voltage Service	TVS										
11	IDR		81	17,257,116			$ 13	$ 117				$ 130
	Miscellaneous Lighting Service	MLS										
12	None		(3,094)	(999,755)			$ (408)					$ (408)
	Street Lighting Service	SLS										
13	None		1,964	6,650,657							$ 594	$ 594
14	**Total Billed Sales**		229,522	854,969,318			$ 64	$ 1,373	$ 3,558	$ 1,809	$ 594	$ 7,399

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (kVa CUSTOMER ADJUSTMENT REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

			Billing Determinants								
	1	2	3	4	5	6	7	8	9	10	11
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	kVa Customer Adjustment Revenue
	Residential (Non-IDR)	RS									
1	Non-IDR										$ -
	Secondary Voltage Small	SVS									
2	Non-IDR										$ -
3	IDR										$ -
4	Total						$ -	$ -	$ -	$ -	$ -
	Secondary Voltage Large	SVL									
5	Non-IDR				876,803	795,483			$ 2,683	$ 1,139	$ 3,821
6	IDR				949,959	724,190			$ 2,906	$ 1,621	$ 4,528
7	Total				1,826,762	1,519,673	$ -	$ -	$ 5,589	$ 2,760	$ 8,349
	Primary Voltage Service	PVS									
8	Non-IDR				22,542	19,658			$ 45	$ 33	$ 79
9	IDR				277,608	172,102			$ 556	$ 371	$ 927
10	Total				300,150	191,760	$ -	$ -	$ 601	$ 404	$ 1,005
	Transmission Voltage Service	TVS									
11	IDR				67,442	67,442			$ 31	$ 143	$ 174
	Miscellaneous Lighting Service	MLS									
12	None										$ -
	Street Lighting Service	SLS									
13	None										$ -
14	**Total Billed Sales**				2,194,354	1,778,874	$ -	$ -	$ 6,221	$ 3,307	$ 9,529

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (kWh WEATHER ADJUSTMENTS)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN
(THOUSANDS OF DOLLARS)

	1	2	Billing Determinants 3	4	5	6	7	8	9	10	11
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	kWh Weather Adjustment Revenue
	Residential (Non-IDR)	RS									
1	Non-IDR			(1,578,040,193)					$ (26,020)	$ (13,317)	$ (39,337)
	Secondary Voltage Small	SVS									
2	Non-IDR			(11,584,670)					$ (142)	$ (51)	$ (193)
3	IDR			-							$ -
4	Total			(11,584,670)			$ -	$ -	$ (142)	$ (51)	$ (193)
	Secondary Voltage Large	SVL									
5	Non-IDR			(361,215,829)							$ -
6	IDR			(135,890,341)							$ -
7	Total			(497,106,170)	-	-	$ -	$ -	$ -	$ -	$ -
	Primary Voltage Service	PVS									
8	Non-IDR			(6,719,878)							$ -
9	IDR			(28,781,200)							$ -
10	Total			(35,501,079)	-	-	$ -	$ -	$ -	$ -	$ -
	Transmission Voltage Service	TVS									
11	IDR										$ -
	Miscellaneous Lighting Service	MLS									
12	None			-							$ -
	Street Lighting Service	SLS									
13	None			-							$ -
14	**Total Billed Sales**			(2,122,232,112)			$ -	$ -	$ (26,162)	$ (13,368)	$ (39,530)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (kVa WEATHER ADJUSTMENTS)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN
(THOUSANDS OF DOLLARS)

	1	2	3	4	5	6	7	8	9	10	11
			Billing Determinants								
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	kVa Weather Adjustment Revenue
	Residential (Non-IDR)	RS									
1	Non-IDR										$ -
	Secondary Voltage Small	SVS									
2	Non-IDR										$ -
3	IDR										$ -
4	Total			-			$ -	$ -	$ -	$ -	$ -
	Secondary Voltage Large	SVL									
5	Non-IDR				(958,424)	(1,464,851)			$ (2,932)	$ (2,097)	$ (5,030)
6	IDR				(227,021)	(55,905)			$ (695)	$ (125)	$ (820)
7	Total			-	(1,185,445)	(1,520,756)	$ -	$ -	$ (3,627)	$ (2,223)	$ (5,849)
	Primary Voltage Service	PVS									
8	Non-IDR				(18,723)	(24,642)			$ (37)	$ (42)	$ (79)
9	IDR				(44,618)	(13,192)			$ (89)	$ (28)	$ (118)
10	Total			-	(63,341)	(37,834)	$ -	$ -	$ (127)	$ (70)	$ (197)
	Transmission Voltage Service	TVS									
11	IDR										$ -
	Miscellaneous Lighting Service	MLS									
12	None			-						-	$ -
	Street Lighting Service	SLS									
13	None			-							$ -
14	**Total Billed Sales**			-			$ -	$ -	$ (3,754)	$ (2,293)	$ (6,047)

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (OTHER (EEP) kWh ADJUSTMENTS)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

	1	2	3	4	5	6	7	8	9	10	11
			Billing Determinants								
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	EEP kWh Adjustment Revenue
	Residential (Non-IDR)	RS									
1	Non-IDR			(46,516,467)					$ (767)	$ (393)	$ (1,160)
	Secondary Voltage Small	SVS									
2	Non-IDR			(2,745,308)					$ (34)	$ (12)	$ (46)
3	IDR			-							$ -
4	Total			(2,745,308)			$ -	$ -	$ (34)	$ (12)	$ (46)
	Secondary Voltage Large	SVL									
5	Non-IDR			(25,933,392)							$ -
6	IDR			(20,288,727)							$ -
7	Total			(46,222,118)			$ -	$ -	$ -	$ -	$ -
	Primary Voltage Service	PVS									
8	Non-IDR			(313,639)							$ -
9	IDR			(4,282,889)							$ -
10	Total			(4,596,528)			$ -	$ -	$ -	$ -	$ -
	Transmission Voltage Service	TVS									
11	IDR			(52,854)							$ -
	Miscellaneous Lighting Service	MLS									
12	None			-							$ -
	Street Lighting Service	SLS									
13	None			-							$ -
14	**Total Billed Sales**			(100,133,275)			$ -	$ -	$ (801)	$ (405)	$ (1,205)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (OTHER (EEP) kVA Adjustments)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE
(THOUSANDS OF DOLLARS)

			Billing Determinants								
	1	2	3	4	5	6	7	8	9	10	11
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge	Meter Charge	Distribution Service Charge	Transmission Service Charge	EEP kVa Adjustment Revenue
	Residential (Non-IDR)	RS									
1	Non-IDR										-
	Secondary Voltage Small	SVS									
2	Non-IDR										-
3	IDR										-
4	Total						0	0	0	0	-
	Secondary Voltage Large	SVL									
5	Non-IDR										-
6	IDR										-
7	Total						0	0	0	0	-
	Primary Voltage Service	PVS									
8	Non-IDR										-
9	IDR										-
10	Total						0	0	0	0	-
	Transmission Voltage Service	TVS									
11	IDR										-
	Miscellaneous Lighting Service	MLS									
12	None										-
	Street Lighting Service	SLS									
13	None										-
14	**Total Billed Sales**						0	0	0	0	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (TOTAL ADJUSTED REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M.TROXLE/S. MCMENAMIN
(THOUSANDS OF DOLLARS)

	1	2	3	4	5	6	7
			Billing Determinants				
Line No.	Class | Meter Type	Rate	Customer	kWh	Distribution Billing KVA or 4CP KVA	Transmission NCP KVA or 4CP KVA	Customer Charge
	Residential (Non-IDR)	RS					
1	Non-IDR		26,378,700	29,154,975,651			$ 42,821
	Secondary Voltage Small	SVS					
2	Non-IDR		1,777,284	918,171,124			$ 2,839
3	IDR		192	120,517			$ 0
4	Total		1,777,476	918,291,641			$ 2,840
	Secondary Voltage Large	SVL					
5	Non-IDR		1,609,440	17,962,147,916	78,850,394	71,625,494	$ 3,669
6	IDR		44,904	14,449,459,435	42,210,573	31,935,849	$ 3,001
7	Total		1,654,344	32,411,607,351	121,060,967	103,561,343	$ 6,670
	Primary Voltage Service	PVS					
8	Non-IDR		4,956	292,583,317	1,182,769	1,035,936	$ 18
9	IDR		7,032	3,939,817,832	12,278,206	7,602,789	$ 547
10	Total		11,988	4,232,401,149	13,460,975	8,638,725	$ 565
	Transmission Voltage Service	TVS					
11	IDR		2,448	22,731,603,798	29,796,612	29,796,612	$ 391
	Miscellaneous Lighting Service	MLS					
12	None		152,376	48,990,596	-	-	$ 3,099
	Street Lighting Service	SLS					
13	None		61,200	204,275,174	-	-	$ -
14	**Total Billed Sales**						$ 56,386

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.1 REVENUE IMPACT DATA (TOTAL ADJUSTED REVENUE)
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M.TROXLE/S. MCMENAMIN
(THOUSANDS OF DOLLARS)

	1	2	8	9	10	11	12
Line No.	Class | Meter Type	Rate	Meter Charge	Distribution Service Charge	Transmission Service Charge	Light Charge	Adjusted Test Year Base Revenue
	Residential (Non-IDR)	RS					
1	Non-IDR		$ 101,770	$ 480,723	$ 246,032		$ 871,346
	Secondary Voltage Small	SVS					
2	Non-IDR		$ 7,695	$ 11,218	$ 4,073		$ 25,826
3	IDR		$ 1	$ 1	$ 1		$ 3
4	Total		$ 7,696	$ 11,220	$ 4,074		$ 25,829
	Secondary Voltage Large	SVL					
5	Non-IDR		$ 30,553	$ 238,391	$ 101,413		$ 374,025
6	IDR		$ 2,882	$ 125,419	$ 67,685		$ 198,986
7	Total		$ 33,435	$ 363,810	$ 169,097		$ 573,012
	Primary Voltage Service	PVS					
8	Non-IDR		$ 899	$ 2,350	$ 1,751		$ 5,018
9	IDR		$ 987	$ 23,968	$ 15,732		$ 41,235
10	Total		$ 1,886	$ 26,318	$ 17,483		$ 46,253
	Transmission Voltage Service	TVS					
11	IDR		$ 3,849	$ 13,413	$ 61,344		$ 78,997
	Miscellaneous Lighting Service	MLS					
12	None		$ -	$ -	$ -		$ 3,099
	Street Lighting Service	SLS					
13	None		$ -	$ -	$ -	$ 61,845	$ 61,845
14	**Total Billed Sales**		$ 148,634	$ 895,484	$ 498,030	$ 61,845	$ **1,660,379**

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-4.2 REVENUE CALCULATION METHODOLOGIES
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
M. TROXLE

Line No.

This schedule provides a narrative explanation of the methodologies used to calculate the adjustments to revenues set forth in Schedule II-H-4.1. The adjustments include (a) rate annualization adjustments; (b) customer growth adjustments, (c) weather normalization adjustments and (d) energy efficiency and other adjustments. Customer growth adjustments affect number of customers, energy sales, and billing demands and are the result of annualizing billing determinants by month to reflect the number of customers at the end of the test year. Weather normalization adjustments affect energy and demands and are made to recognize the effects of deviations in test year temperatures from normal temperatures

<u>SCHEDULE II-H-4.1.1</u>
Unadjusted Test Year Revenues – booked annual billing units by class of service are provided in lines 1 through 14, columns (3) through (6) and booked revenues by class of service are provided in columns (7) through (16).

<u>SCHEDULE II-H-4.1.2</u>
Revenues Associated with Rate Annualization Adjustments – No changes were made to rates in the test year_

<u>SCHEDULE II-H-4.1.3</u>
Revenues Associated with kWh Customer Adjustments – The change in customers represents the differences between the total billed customers and total year-end customers by class set forth on Schedule II-H-1.2. This schedule uses the total customer adjustment to kWh sales from Schedule II-H-1.2, times the applicable kWh charges at present rates to derive the revenue adjustment amounts set forth in Schedule II-H-4.1 (3), columns 9 and 10.
Additionally, column 7 and 8 provide the adjustments to customer charge and meter charge revenues associated with the change in the number of customers.

<u>SCHEDULE II-H-4.1.4</u>
Revenues Associated with kVA Customer Adjustments – employs the total customer adjustment to kVa from WP H-4.1(4) for the SVL, PVS and TVS classes times the applicable transmission and distribution kVa charges at present rates to derive the revenue adjustment amounts set forth in Schedule II-H-4.1 (4), columns (9) and (10).

<u>SCHEDULE II-H-4.1.5</u>
Revenues Associated with kWh Weather Adjustments – are shown on columns (9) and (10) and are calculated by multiplying the weather adjustment to kWh shown on Schedule II-H-4.1(5) column (4) and on Schedule II-H-1.1 column (4) times the applicable energy charges from existing tariffs.

<u>SCHEDULE II-H-4.1.6</u>
Revenues Associated with kVa Weather Adjustments – are shown on columns (9) and (10) of Schedule II-H-4.1(6), and are calculated by multiplying the weather adjustment to transmission and distribution billing kVa shown on Schedule II-H-4.1(6), columns (5) and (6) and on WP H-4.1(Weather Impact) times the applicable test year demand charges in existing tariffs.

<u>SCHEDULE II-H-4.1.7</u>
Revenues associated with EEP adjustments to kWh as supported by Schedule II-H-1.1, valued at existing test year end base rates

<u>SCHEDULE II-H-4.1.8</u>
Revenues associated with EEP adjustments to kVa demands– No changes were made for EEP impacts to demands in the test year.

<u>SCHEDULE II-H-4.1.9</u>
Total Adjusted Revenue – this information summarizes the adjustments from parts 2 through 8, made to the unadjusted information set forth on page 1.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5 WEATHER DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

Calculation of Actual Values for Individual Weather Stations
AvgDB -- For each day, average hourly drybulb temperature values across hours. For monthly average daily values across days in the month.
Monthly Heating Degree Days (HDD) -- For each day, calculate HD values from daily AvgDB. Then sum daily HD values across days in the month.
Monthly Cooling Degree Days (CDD) -- For each day, calculate CD values from daily AvgDB. Then sum daily CD values across days in each month.
Combine actual values across stations to get CEHE service area values.
Evenly weight monthly AvgDB, HDD, and CDD values across stations.

Stations	Abbrev.	NOAA ID
Bush Intercontinental Airport	IAH	KIAH
Hobby Airport	HOU	KHOU
Sugar Land Regional Airport	SGR	KSGR

Calculation of Normal Daily Values for Individual Weather Stations
Computed from 20 years of hourly temperature values (1998 to 2017)
Compute daily average temperature (AvgDB) for each historical day
Compute daily cooling degree (CD) and heating degree (HD) values for each historical day
Rank: Sort daily values in each month from highest to lowest based on AvgDB value for each day in the month
Average the Ranked Data: Average sorted values across the 20-year period
Highest value is typical hottest day in each month
Lowest value is typical coldest day in each month

Order: Assign Rank and Average results based on actual weather pattern in 2018
Assign typicaly hottest day value for each month to the date of the actual hottest day in that month
Repeat for second hottest day, third hottest day, …., through to coldest day

Calculate CEHE Weighted Normal Monthly Values
For each station, average normal daily AvgDB values across days in the month, then average to get CEHE monthly normal AvgDB.
For each station, sum normal daily HD values across days in the month to get monthly normal HDD, then average to get CEHE monthly normal HDD.
For each station, sum normal daily CD values across days in the month to get monthly normal HDD, then average to get CEHE monthly normal CDD.

Monthly actual and normal HDD and CDD values for the calendar months of 2018 are presented in H-5.1.
Monthly actual and normal HDD and CDD values for the billing months of 2018 are presented in H-5.2.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.1 WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CEHE collects weather data from three stations in the Houston MSA service area Bush Intercontinental Airport (KIAH), Sugar Land Regional Airport (KSGR) and William F. Hobby Airport (KHOU)

Bush Intercontinental Airport

Line No.	Month	AvgDB	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	48 53	0 00	0.00	0 00	3.63	14 08	55 79	514.08	369 54	256.25	162.33	99.88	50.46
2	February	61 71	0.00	1.38	23.50	68.63	144 92	245.83	160.79	97.08	58.00	27.29	8.58	0.00
3	March	67.26	0.00	0.08	45.71	128 75	240 96	380.04	58.71	15.92	0.00	0.00	0.00	0 00
4	April	67.25	0.00	5 04	40.13	115.67	233.38	370.79	48.21	15.92	3.33	0.00	0.00	0.00
5	May	79 39	32 33	140.17	291.04	446 04	601.04	756.04	0 00	0 00	0.00	0.00	0.00	0.00
6	June	83 96	124.33	268.88	418.88	568 88	718 88	868.88	0.00	0 00	0.00	0.00	0.00	0.00
7	July	84.95	162.38	308 50	463.50	618.50	773 50	928.50	0 00	0.00	0.00	0 00	0.00	0.00
8	August	83 97	124.21	278.08	433 08	588.08	743.08	898 08	0 00	0 00	0.00	0.00	0.00	0.00
9	September	79.38	29.75	132 83	281.54	431.54	581.54	731.54	0.00	0 00	0.00	0.00	0.00	0.00
10	October	71 51	6 50	55.50	131.21	231.17	360.83	511.96	29.21	3.87	0.00	0.00	0.00	0.00
11	November	58.20	0.00	8 25	25.79	55 75	105.08	179.54	259.75	159 08	83.54	31.67	10 75	1.25
12	December	55.76	0.00	0.00	0.00	5.67	42.38	99.83	292.08	173.79	76.25	18.83	0.00	0.00
13														
14	Month	NAvgDB	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
15														
16	January	53.81	-	-	2 51	17 85	53.17	109.08	364.80	245.12	146 02	72.20	28.10	9.16
17	February	56.86	-	0.13	5.38	27.67	72.03	139.46	257.14	160.25	86.43	38.95	14.01	3.60
18	March	63.14	-	0.56	20.00	73 15	161 15	278 55	130.90	63.89	26 30	7.99	2.46	0.92
19	April	70.02	0.57	15.16	73.80	177.01	307.74	451 98	26 54	7.27	1 50	0 43	0 02	-
20	May	76.59	15 59	88 62	212.90	360.41	514.45	669.27	1.14	0 18	-	-	-	-
21	June	82.10	80.43	213.94	363.02	513.02	663 02	813 02	-	-	-	-	-	-
22	July	83 58	118.24	266.01	421 01	576 01	731 01	886 01	-	-	-	-	-	-
23	August	83.89	129.66	275.96	430.56	585 56	740 56	895.56	-	-	-	-	-	-
24	September	79.10	34.92	138 23	277.13	423.42	572 87	722 85	0 56	0.02	-	-	-	-
25	October	71 05	4.19	34.20	105.51	215.60	350.45	498.54	28 18	8.03	1 12	0.14	-	-
26	November	62 05	-	2.50	20.60	63.98	138.84	243.75	152 49	77 36	32.27	10.46	2.20	0.14
27	December	54.69	-	0 20	6.64	27.45	65 56	122.72	347.10	230 21	132.38	59.41	19.33	4.21
28														
29	Annual Actual	70.2	479.5	1,198.7	2,154 4	3,262 3	4,559 7	6,026.8	1,362 8	835.2	477.4	240 1	119.2	51.7
30	Annual Normal	69.7	383.6	1,035.5	1,939 1	3,061.1	4,370.9	5,830.8	1,308.8	792.3	426 0	189.6	66.1	18.0
31	Difference = Actual - Normal	0.4	95 9	163.2	215.3	201.2	188.8	196.0	54.0	42 9	51.4	50.6	53.1	33.7

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.1 WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CEHE collects weather data from three stations in the Houston MSA service area: Bush Intercontinental Airport (KIAH), Sugar Land Regional Airport (KSGR) and William F. Hobby Airport (KHOU)

Hobby Airport

Line No.	Month	AvgDB	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	48.86	0 00	0 00	0.00	2.42	13 00	55.21	502 88	358.46	245.67	156.08	93 88	47.63
2	February	62.78	0.00	0.00	20 67	76 83	167.67	268 50	138.96	89.79	50 63	21.92	6.54	0.00
3	March	66.98	0.00	0.25	36 21	117.38	230.29	371 29	56.08	14 00	0.00	0.00	0.00	0.00
4	April	67.24	0.00	1.38	29.67	113.75	230.50	370.13	46.67	13.42	3.04	0.00	0.00	0.00
5	May	78 44	12.58	108.92	261.50	416 50	571.50	726 50	0.00	0.00	0.00	0 00	0.00	0.00
6	June	82.87	90.42	235.96	385.96	535 96	685.96	835.96	0.00	0 00	0.00	0.00	0.00	0.00
7	July	84.31	139.63	288.50	443.50	598 50	753.50	908 50	0.00	0 00	0.00	0.00	0.00	0.00
8	August	84.33	134.54	289.29	444 29	599.29	754.29	909.29	0.00	0.00	0.00	0 00	0 00	0.00
9	September	79 87	37 08	146.08	296.08	446.08	596 08	746.08	0 00	0.00	0 00	0.00	0.00	0.00
10	October	72.63	11.67	65.83	148.88	254.83	392 08	546.58	18.25	0 50	0 00	0.00	0.00	0.00
11	November	59.45	1.25	12 67	33.83	70.00	124 92	206.42	236.46	141.38	72.88	29.04	10.92	0.96
12	December	56.75	0.00	0 00	1.13	9.21	44.54	112.88	264.96	145.29	58.63	10.13	0.00	0.00
13														
14	Month	NAvgDB	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
15														
16	January	55.18	-	-	2 16	19.55	59.69	123.40	323.95	209.08	117.80	54.29	20.38	6 50
17	February	58.13	-	-	4 88	29 92	80.32	156.85	223.66	132.81	68.09	29.39	9 70	2.41
18	March	64 11	-	0 45	20.20	79 19	174 66	299.61	106 90	47.37	17 31	5 15	1.75	0 63
19	April	70.64	0.17	12.84	75.21	186.63	323 97	470.42	17.35	4.70	1.15	0.34	-	-
20	May	77.00	12.31	91 03	222.91	372.66	527.07	681.92	0.74	0 15	-	-	-	-
21	June	82.21	77.75	216.51	366.27	516 27	666.27	816.27	-	-	-	-	-	-
22	July	83.37	109.93	259.55	414.55	569 55	724.55	879 55	-	-	-	-	-	-
23	August	83.88	125.91	275.45	430.34	585.34	740.34	895.34	-	-	-	-	-	-
24	September	79.99	44.95	159 51	301.50	449.95	599.84	749.84	0.11	-	-	-	-	-
25	October	72.29	5.65	41 96	124.82	245.62	385.69	536.65	19 66	4.73	0 69	0.08	-	-
26	November	63.52	-	3.31	25 83	78.64	165.68	278.36	123 07	60.11	22.79	6.98	1.52	0.01
27	December	56.35	-	0.25	7 51	31 94	77.52	143.62	300.20	190.78	101 88	41 93	12.41	2.45
28														
29	Annual Actual	70.4	427.2	1,148.9	2,101.7	3,240.8	4,564.3	6,057.3	1,264.3	762.8	430.8	217 2	111.3	48 6
30	Annual Normal	70.6	376 7	1,060 9	1,996.2	3,165 2	4,525.6	6,031.8	1,115 6	649.7	329 7	138 2	45 8	12.0
31	Difference = Actual - Normal	(0.2)	50 5	88.0	105 5	75.5	38 8	25.5	148.6	113.1	101 1	79 0	65.6	36.6

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.1 WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CEHE collects weather data from three stations in the Houston MSA service area: Bush Intercontinental Airport (KIAH), Sugar Land Regional Airport (KSGR) and William F. Hobby Airport (KHOU)

Sugar Land Regional Airport

Line No	Month	AvgDB	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	49.91	-	-	-	4.92	21 54	69.54	472.75	334.38	227.38	139.33	82.83	41.00
2	February	64.12	-	4.04	36.42	95.92	186.25	294 79	120 63	70.96	39.50	16.79	3.54	-
3	March	68.52	-	2.42	60.58	151.25	272.71	419 25	42 00	8.46	-	-	-	-
4	April	68 31	-	5.54	52.46	138.04	261.46	399.54	38.88	12.29	0 38	-	-	-
5	May	80 38	42.83	167.50	321.83	476.83	631.83	786.83	-	-	-	-	-	-
6	June	84 91	147.67	297.42	447 42	597.42	747 42	897.42	-	-	-	-	-	-
7	July	85 15	162.42	314.63	469.63	624.63	779.63	934 63	-	-	-	-	-	-
8	August	85 59	173.33	328.29	483.29	638.29	793 29	948 29	-	-	-	-	-	-
9	September	80.50	41.63	165.25	314.92	464.92	614.92	764 92	-	-	-	-	-	-
10	October	73 25	25.96	84.79	168 83	276.50	412.46	565.71	20.79	1.75	-	-	-	-
11	November	59 45	1.25	12.67	33 83	70.00	124.92	206.42	236.46	141 38	72.88	29.04	10.92	0.96
12	December	56 82	-	-	0.38	8.23	49 45	119.94	261.85	148.07	63.56	11.44	-	-
13														
14	Month	NAvgDB	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
15														
16	January	54.23	-	-	2.79	19.10	55.44	114.26	352.88	234.22	138.04	67.10	25.72	8.81
17	February	57.43	-	0.01	4 78	29.01	77.10	150.19	242.39	149 23	81.07	36.93	13.77	3.70
18	March	63.54	-	1.17	21 17	76.84	168.00	287.04	122.18	58.34	22.38	6.56	1.99	0 66
19	April	70.28	0.42	15 32	76.10	181.33	315.39	460.08	22.83	6.89	1.59	0.38	-	-
20	May	76 78	12 77	89.75	218.24	366.56	520.30	675.06	1.50	0.24	-	-	-	-
21	June	82.00	72.51	210.51	360.02	510.02	660 02	810.02	-	-	-	-	-	-
22	July	83.19	105 51	253 88	408.88	563.88	718.88	873.88	-	-	-	-	-	-
23	August	83.45	114 74	262 25	417 02	572.02	727 02	882.02	-	-	-	-	-	-
24	September	79 27	38.03	142 35	281 16	428.25	578.08	728.08	0 17	-	-	-	-	-
25	October	71.43	3 79	37 59	113 70	226 52	362.35	510.90	27.34	8.17	1.72	0.23	-	-
26	November	62.70	-	2 79	24.35	73.67	154 77	262.41	142.61	73.72	31.35	9.90	2.17	0.08
27	December	55.35	-	0.25	7 21	29.41	70 94	132.09	328.43	214.96	121 11	53 87	17.59	4.07
28														
29	Annual Actual	71.4	595.1	1,382 5	2,389.6	3,546.9	4,895.9	6,407.3	1,193 4	717.3	403.7	196.6	97.3	42.0
30	Annual Normal	70.0	347.8	1,015 9	1,935.4	3,076.6	4,408.3	5,886 0	1,240.3	745.8	397 3	175.0	61.2	17.3
31	Difference = Actual - Normal	1.4	247.3	366 7	454 2	470 3	487.6	521.2	(47.0)	(28.5)	6.4	21.6	36.1	24.6

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.1 WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CEHE collects weather data from three stations in the Houston MSA service area: Bush Intercontinental Airport (KIAH), Sugar Land Regional Airport (KSGR) and William F. Hobby Airport (KHOU)

CEHE

Line No.	Month	AvgDB	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	49.10	-	-	-	3.65	16 21	60 18	496.57	354 13	243.10	152.58	92.20	46.36
2	February	62 87	-	1 81	26.86	80.46	166.28	269.71	140.13	85.95	49 38	22.00	6 22	-
3	March	67.59	-	0.92	47.50	132.46	247 99	390.19	52.26	12.79	-	-	-	-
4	April	67 60	-	3.99	40.75	122.49	241 78	380.15	44 58	13.88	2.25	-	-	-
5	May	79.40	29.25	138.86	291 46	446 46	601 46	756 46	-	-	-	-	-	-
6	June	83 91	120.81	267 42	417.42	567.42	717.42	867.42	-	-	-	-	-	-
7	July	84.80	154.81	303 88	458.88	613 88	768 88	923.88	-	-	-	-	-	-
8	August	84 63	144.03	298.55	453.55	608.55	763 55	918 55	-	-	-	-	-	-
9	September	79 92	36.15	148.05	297.51	447.51	597 51	747 51	-	-	-	-	-	-
10	October	72.46	14.71	68 71	149.64	254.16	388 46	541.41	22.75	2.04	-	-	-	-
11	November	59 03	0 83	11 19	31.15	65 25	118 30	197.46	244.22	147.28	76 43	29.92	10.86	1.06
12	December	56.55	-	-	0.50	8 87	46 62	112.72	270 89	153.64	64.74	13.08	-	-
13														
14	Month	NAvgDB	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
15														
16	January	54.41	-	-	2 49	18.83	56.10	115 58	347.21	229.48	133.96	64 53	24 73	8.16
17	February	57.10	-	0.05	4 21	25.12	69.27	138.72	246.41	150 56	80.01	35 43	12.51	3.24
18	March	63.59	-	0.73	20 46	76.39	167.94	288 40	119 99	56.53	22.00	6 57	2 07	0.74
19	April	70.31	0 39	14.44	75.04	181.66	315.70	460.83	22.24	6 28	1.41	0 38	0 01	-
20	May	76 79	13.56	89.80	218 02	366.54	520 61	675.42	1.13	0 19	-	-	-	-
21	June	82 10	76.90	213.65	363.10	513.10	663.10	813 10	-	-	-	-	-	-
22	July	83.38	111.23	259.82	414 82	569.82	724.82	879.82	-	-	-	-	-	-
23	August	83 74	123.44	271.22	425.97	580.97	735.97	890.97	-	-	-	-	-	-
24	September	79.45	39.30	146.69	286.60	433.87	583.59	733.59	0.28	0 01	-	-	-	-
25	October	71.59	4.54	37.91	114 67	229.24	366.16	515 36	25.06	6.98	1.18	0.15	-	-
26	November	62.76	-	2.87	23 59	72.09	153.10	261 51	139.40	70.40	28.81	9.11	1.96	0.08
27	December	55.46	-	0.23	7 12	29.60	71.34	132 81	325.25	211 99	118.46	51.74	16.45	3.58
28														
29	Annual Actual	70.7	500 6	1,243.4	2,215.2	3,351.2	4,674.4	6,165.6	1,271 4	769.7	435 9	217 6	109.3	47.4
30	Annual Normal	70.1	369 3	1,037.4	1,956.1	3,097 2	4,427.7	5,906.1	1,227.0	732.4	385 8	167.9	57.7	15.8
31	Difference = Actual - Normal	0.6	131.2	206 0	259.1	253.9	246 8	259.5	44.4	37.3	50.1	49.7	51.6	31.6

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.2 ADJUSTED WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CDD and HDD are provided for both the CIS (Non-IDR) and BES (IDR) read schedules. Daily CDD and HDD are aggregated across the read schedules and are evenly weighted.

CIS Billing System
CEHE Average Actual

Line No.	Month	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	0 0	0 0	2.6	15.0	38 8	80.0	502.2	361 3	237 8	135 7	70 8	31 9
2	February	0 0	0.2	6 0	25 2	68 3	137 9	301.9	198 1	120 7	63 7	32 8	15 3
3	March	0.0	1.9	39 4	110.7	212.7	339 3	83 3	38 4	18 1	8.4	2.5	0.0
4	April	0 0	3 4	52.9	139 4	258 7	400 8	48 9	13 9	1 7	0 0	0 0	0.0
5	May	6 6	50.5	136 1	252 7	388 8	532.7	15.5	4 1	0.5	0 0	0.0	0 0
6	June	81 8	219 1	371 8	524.9	678.0	831.1	0.0	0.0	0 0	0 0	0 0	0.0
7	July	126.9	273 8	427 6	581 4	735.2	889 0	0 0	0 0	0 0	0.0	0 0	0.0
8	August	148.1	294.2	441 3	588 5	735 7	882.9	0 0	0 0	0.0	0 0	0 0	0.0
9	September	99 1	238.7	392 4	546 1	699.7	853 4	0.0	0 0	0.0	0 0	0.0	0.0
10	October	27.1	119 0	244.5	376 6	517.4	664.5	8 2	0 9	0 0	0 0	0 0	0.0
11	November	3.4	21 8	60.7	124.1	218.1	337 4	121 0	64.5	33 3	14 2	5 7	0 6
12	December	0.2	3 2	12 1	34 7	82 3	157.5	282.5	168 8	82 6	25.8	6 0	0.6

CEHE Average Normal

13	Month	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
14													
15	January	0 0	0.1	4 7	21 8	56.0	109.6	395.9	265 3	154.2	71 7	25.1	7 0
16	February	0 0	0.0	2.5	18 9	56 8	120.5	291.9	182.8	99.5	44 8	16 8	4 9
17	March	0 0	0.3	10 8	48.7	117 5	213 7	174 9	96 7	46.1	18.1	6.1	1 8
18	April	0 2	8 8	50 2	131.0	246.1	382.7	65 6	26 3	8 6	2 2	0 6	0.2
19	May	2 7	34 1	118 3	242 3	383 3	529 1	8 6	2 1	0 4	0.1	0.0	0.0
20	June	46.5	163.9	309.5	461 6	614.6	767.7	0.1	0 0	0 0	0 0	0.0	0 0
21	July	87 2	228.8	382 2	536 1	689 9	843.7	0 0	0 0	0.0	0.0	0.0	0 0
22	August	114.5	256 7	403 8	550.9	698 1	845.3	0 0	0 0	0 0	0 0	0.0	0 0
23	September	92.6	227 1	379 0	532 5	686 1	839.8	0 0	0.0	0 0	0 0	0.0	0.0
24	October	20 5	93.5	209 0	342.0	483 7	629 5	9 1	2 7	0.5	0.1	0.0	0 0
25	November	1.0	10 1	47.4	124.6	233.4	363 0	75 8	34 1	13.2	4.3	0.9	0.0
26	December	0 0	1 3	15 3	53 3	119 9	212 2	241.4	146.7	77 7	33 7	10 9	2.3
27													
28	Annual Actual	493	1,226	2,187	3,319	4,634	6,107	1,364	850	495	248	118	48
29	Annual Normal	365	1,025	1,933	3,064	4,385	5,857	1,263	757	400	175	60	16
30	Difference = Actual - Normal	128	201	255	255	248	250	100	93	95	73	58	32

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.2 ADJUSTED WEATHER STATION DATA
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

CDD and HDD are provided for both the CIS (Non-IDR) and BES (IDR) read schedules. Daily CDD and HDD are aggrgated across the read schedules and are evenly weighted

BES Billing System

CEHE Average Actual

Line No.	Month	CDD80	CDD75	CDD70	CDD65	CDD60	CDD55	HDD65	HDD60	HDD55	HDD50	HDD45	HDD40
1	January	0.00	0 00	2 27	13.75	35 12	73 08	493 19	355 77	234 94	134 97	71 09	32.18
31	February	0.00	0.20	6.16	25 57	69.05	137 78	274.25	177.48	105.96	53.90	26.79	12 23
32	March	0 00	1.92	39.23	109 95	210 92	336 31	82 05	37 55	17 46	8 03	2.36	0.00
33	April	0 00	3 41	52.90	139 45	258 69	400.83	48 90	13 86	1 71	0.00	0.00	0.00
34	May	6 59	50 48	136 06	252 67	388 76	532.67	15 51	4 10	0 51	0 00	0.00	0 00
35	June	81 84	219.12	371.81	524.90	678.00	831 09	0 00	0 00	0.00	0 00	0 00	0 00
36	July	126.90	273.76	427.57	581.38	735 19	889 00	0 00	0 00	0.00	0.00	0.00	0 00
37	August	148.06	294.16	441 34	588 51	735 69	882.86	0 00	0 00	0 00	0 00	0 00	0 00
38	September	99.10	238.72	392.37	546.06	699 74	853 42	0.00	0.00	0.00	0.00	0.00	0.00
39	October	27.06	118.95	244.47	376.65	517.35	664.54	8.20	0.86	0.00	0 00	0.00	0 00
40	November	3 41	21.81	60 69	124 12	218.12	337.40	121.05	64.55	33.33	14 16	5.73	0.58
41	December	0 25	3.17	12.11	34 70	82 34	157 49	282 45	168 78	82 61	25.79	5 97	0.56

CEHE Average Normal

Line No.	Month	NCDD80	NCDD75	NCDD70	NCDD65	NCDD60	NCDD55	NHDD65	NHDD60	NHDD55	NHDD50	NHDD45	NHDD40
42	January	0 00	0 10	4 39	20.50	52 55	103 03	385.99	259 24	150 94	70 31	24 64	6.98
43	February	0 00	0 00	2 31	18 09	54.69	116 50	273 82	170.17	91 72	40 89	15 30	4.48
44	March	0.00	0.31	10 83	48 58	116 85	212 34	172.53	95.34	45 34	17.72	5 90	1.71
45	April	0 24	8.78	50 18	131.04	246.11	382.67	65 57	26 35	8 63	2.17	0 56	0.20
46	May	2 73	34.12	118.27	242 31	383.31	529 13	8 59	2.10	0.41	0.12	0.00	0 00
47	June	46.51	163 89	309 50	461 65	614 64	767 70	0.13	0.03	0 00	0 00	0 00	0 00
48	July	87.18	228.78	382 25	536.06	689.87	843.68	0.00	0.00	0.00	0.00	0 00	0 00
49	August	114 55	256 67	403 77	550 94	698 11	845.29	0.00	0.00	0 00	0.00	0 00	0.00
50	September	92 59	227 09	379 03	532.47	686 14	839 83	0 01	0 00	0.00	0.00	0 00	0 00
51	October	20.47	93 52	209 00	341.98	483 66	629 48	9.07	2 71	0 49	0 06	0.00	0 00
52	November	0.95	10 06	47 39	124.64	233 40	363 03	75 84	34 10	13 23	4 31	0.94	0 04
53	December	0 00	1 31	15.26	53.31	119.86	212 18	241 42	146.65	77 66	33 71	10 85	2 33
	Annual Actual	493	1,226	2,187	3,318	4,629	6,096	1,326	823	477	237	112	46
	Annual Normal	365	1,025	1,932	3,062	4,379	5,845	1,233	737	388	169	58	16
	Difference = Actual - Normal	128	201	255	256	250	252	93	86	88	68	54	30

CDD and HDD are provided for both the CIS (Non-IDR) and BES (IDR) read schedules Daily CDD and HDD are aggrgated across the read schedules and are evenly weighted.

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-H-5.3 ADDITIONAL WEATHER INFORMATION
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
S. MCMENAMIN

If not already provided in Schedules II-H-5.1 and II-H-5.2, furnish additional responses to these Schedules using a 65 degree farenheight base temperature.

See reponses to Schedules II-H-5.1 and II-H-5.2

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
II-I-1: CLASS REVENUE REQUIREMENT ANALYSIS
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

		1	2	3	4	5	6	7	8	9
Line No.	Description	Test Year Revenue Requirement Total	Residential	Secondary =< 10 kW	Secondary > 10 kW	Primary	Transmission	Lighting SLS	Lighting MLS	Total TX-Retail
1	Transmission	942,649	439,754	8,279	321,123	32,845	140,648	-	-	942,649
2	Distribution	1,182,498	661,262	14,242	396,706	33,977	17,674	55,784	2,853	1,182,498
3	Metering	76,327	51,511	3,750	14,687	2,813	3,566	-	-	76,327
4	Billing									
5	A-Billing									
6	T&D Customer Service	80,730	65,288	4,336	7,351	455	546	2,481	273	80,730
7										
8	Total Adjusted Revenue Requirement	2,282,204	1,217,815	30,607	739,867	70,090	162,434	58,265	3,127	2,282,204

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
I-A COST OF SERVICE SUMMARY
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

			1	2	3
Line No.	Description	Reference Schedule	Amount at Existing Rates	Adjustment to Existing Rates	Amount at Proposed Rates
1	Transmission and Distribution Cost of Service	I-A-1			2,282,204
2					
3	Residential	IV-J-7	871,067	346,748	1,217,815
4	Secondary - Small	IV-J-7	25,995	4,612	30,607
5	Secondary - Large	IV-J-7	463,242	276,625	739,867
6	Primary	IV-J-7	47,563	22,526	70,090
7	Transmission	IV-J-7	80,865	81,569	162,434
8	SLS	IV-J-7	61,631	(3,366)	58,265
9	MLS	IV-J-7	3,340	(214)	3,127
	Total		1,553,703	728,501	2,282,204
10	TCRF	IV-J-7	509,908	(509,908)	-
11	TC2	IV-J-7	201,877	-	201,877
12	TC3	IV-J-7	55,105	-	55,105
13	TC5	IV-J-7	144,616	-	144,616
14	SRC	IV-J-7	52,363	-	52,363
15	ADFIT	IV-J-7	(6,378)	-	(6,378)
16	EECRF	IV-J-7	46,322	-	46,322
17	Nuclear Decomissioning	IV-J-7	198	-	198
18	DCRF	IV-J-7	31,989	(31,989)	-
19	CMC	IV-J-7	-	-	-
20	CTC	IV-J-7	N/A		N/A
21	RCE	IV-J-7	-	4,405	4,405
22	Franchise Fees	IV-J-7	(138,681)	(14,103)	(152,783)
23	UEDIT	IV-J-7	-	(32,359)	(32,359)
24	TOTAL NON-BYPASSABLE DELIVERY CHARGE		2,451,023	144,547	2,595,570

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
I-A.1 COST OF SERVICE SUMMARY
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: K. COLVIN
(THOUSANDS OF DOLLARS)

Line No.	Description	Reference Schedule	1 Amount at Existing Rates	2 Adjustment to Existing Rates	3 Amount at Proposed Rates
1	Transmission and Distribution Cost of Service	I-A-1			2,282,204
2					
3	Residential	IV-J-7	871,067	346,748	1,217,815
4	Secondary - Small	IV-J-7	25,995	4,612	30,607
5	Secondary - Large	IV-J-7	463,242	276,625	739,867
6	Primary	IV-J-7	47,563	22,526	70,090
7	Transmission	IV-J-7	80,865	81,569	162,434
8	SLS	IV-J-7	61,631	(3,366)	58,265
9	MLS	IV-J-7	3,340	(214)	3,127
	Total		1,553,703	728,501	2,282,204
10	TCRF (3/1/19 rate * adjusted annualized billing determinates)	IV-J-7	356,300	(356,300)	-
11	TC2	IV-J-7	201,877	-	201,877
12	TC3	IV-J-7	55,105	-	55,105
13	TC5	IV-J-7	144,616	-	144,616
14	SRC	IV-J-7	52,363	-	52,363
15	ADFIT	IV-J-7	(6,378)	-	(6,378)
16	EECRF	IV-J-7	46,322	-	46,322
17	Nuclear Decomissioning	IV-J-7	198	-	198
18	DCRF	IV-J-7	31,989	(31,989)	-
19	CMC	IV-J-7	-	-	-
20	CTC	IV-J-7	N/A		N/A
21	RCE	IV-J-7	-	4,405	4,405
22	Franchise Fees	IV-J-7	(138,681)	(14,103)	(152,783)
23	UEDIT	IV-J-7	-	(32,359)	(32,359)
24	**TOTAL NON-BYPASSABLE DELIVERY CHARGE**		**2,297,415**	**298,155**	**2,595,570**

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Intangible Plant - Gross		II-B-1					
2	301.01	Organization		$ -	$ -	$ -	$ -	-
3	302.01	Franchise & Consents		-	-	-	-	-
4	303.01	Misc Intangible Plant - MF S/W		-	-	-	-	-
5	303.02	Misc Intangible Plant - NMF S/W		4,483	83,701	99,667	67,860	255,711
6	Intangible plant - Accumulated Depreciation		II-B-5					
7	301	Organization		$ -	$ -	$ -	$ -	-
	302	Franchise & Consents		$ -	$ -	$ -	$ -	-
8	303.01	Misc Intangible Plant - MF S/W		-	-	-	-	-
9	303.02	Misc Intangible Plant - NMF S/W		2,325	43,404	51,683	35,189	132,601
10	Transmission Plant - Gross		II-B-1					
11	350.01	Land and Land Fees		$ 48,522	$ 806	$ -	$ -	49,328
12	350 02	Land and Land Rights		100,984	2	-	-	100,986
13	352.01	Structures and Improvements		195,207	7,015	-	-	202,222
14	353.01	Station Equipment		916,042	77,609	-	-	993,651
15	354.01	Towers and Fixtures		844,560	-	-	-	844,560
16	355.01	Poles, Towers, and Fixtures		124,989	-	-	-	124,989
17	356.01	Overhead Conductors and Devices		612,374	-	-	-	612,374
18	357.01	Underground Conduit		38,060	-	-	-	38,060
19	358 01	Underground Conductors and Devices		14,661	-	-	-	14,661
20	359.01	Roads and Trails		81,533	-	-	-	81,533
21	Transmission Plant - Accumulated Depreciation		II-B-5					
22	350.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
23	350.02	Land and Land Rights		18,543	0	-	-	18,543
24	352.01	Structures and Improvements		18,140	652	-	-	18,792
25	353.01	Station Equipment		151,709	12,853	-	-	164,562
26	354.01	Towers and Fixtures		229,843	-	-	-	229,843
27	355.01	Poles, Towers and Fixtures		28,330	-	-	-	28,330
28	356.01	Overhead Conductors and Devices		269,357	-	-	-	269,357
29	357 01	Underground Conduit		6,823	-	-	-	6,823
30	358.01	Underground Conductors and Devices		3,653	-	-	-	3,653
31	359.01	Roads and Trails		10,752	-	-	-	10,752

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Distribution Plant - Gross		II-B-1					
2	360.01	Land and Land Fees		$ 18,026	$ 13,094	$ -	$ -	31,120
3	360 02	Land and Land Rights		61	1,115	-	-	1,176
4	361.01	Structures and Improvements		36,465	68,857	-	-	105,322
5	362.01	Station Equipment		452,923	758,044	-	-	1,210,967
6	364.01	Poles, Towers and Fixtures		-	833,783	-	-	833,783
7	365.01	Overhead Conductors and Devices		-	1,006,923	-	-	1,006,923
8	366.01	Underground Conduit		-	588,107	-	-	588,107
9	367.01	Underground Conductors and Devices		-	1,066,097	-	-	1,066,097
10	368.01	Line Transformers		-	1,376,114	-	-	1,376,114
11	369.01	Services		-	200,437	-	-	200,437
12	370.01	Meters		-	-	78,336	-	78,336
13	370.03	Automated Meters		-	-	111,787	-	111,787
14	373.01	Street Lighting and Signal Systems		-	604,289	-	-	604,289
15	373.02	Security Lighting		-	13,210	-	-	13,210
16	374.01	Security Lighting		-	-	-	-	-
17	374.03	Asset Retirement Cost Dist Plant		-	-	-	-	-
18	Distribution Plant - Accumulated Depreciation		II-B-5					
19	360.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
20	360.02	Land and Land Rights		34	614	-	-	648
21	361.01	Structures and Improvements		12,281	23,190	-	-	35,471
22	362.01	Station Equipment		129,620	216,941	-	-	346,561
23	364.01	Poles, Towers and Fixtures		-	352,800	-	-	352,800
24	365.01	Overhead Conductors and Devices		-	370,600	-	-	370,600
25	366.01	Underground Conduit		-	214,109	-	-	214,109
26	367.01	Underground Conductors and Devices		-	367,555	-	-	367,555
27	368.01	Line Transformers		-	558,460	-	-	558,460
28	369.01	Services		-	82,547	-	-	82,547
29	370.01	Meters		-	-	57,760	-	57,760
30	370.02	Advanced Meters		-	-	-	-	-
31	370.03	Automated Meters		-	-	26,717	-	26,717
32	373.01	Street Lighting and Signal Systems		-	233,182	-	-	233,182
33	373.02	Security Lighting		-	3,657	-	-	3,657
34	374.01	Security Lighting		-	-	-	-	-
35	374.03	Asset Retirement Cost Dist Depreciation/Amortization		-	-	-	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	General Plant - Gross		II-B-2					
2	389.01	Land and Land Fees		$ 927	$ 26,332	$ 259	$ 63	27,581
3	389.02	Land and Land Rights		0	140	1	12	154
4	390.01	Structures and Improvements		30,118	207,859	2,745	1,691	242,413
5	391.01	Office Furniture and Equipment		878	7,861	99	3,297	11,135
6	392.01	Transportation Equipment		36,025	81,764	4,935	13,517	136,241
7	393.01	Stores Equipment		62	145	3	-	210
8	394.01	Tools, Shop and Garage Equipment		123	15,070	182	-	15,375
9	395.01	Laboratory Equipment		-	3,711	16,771	723	21,204
10	396.01	Power Operated Equipment		11,137	8,609	174	4,028	23,947
11	397.01	Communication Equipment		67,902	214,216	24,137	32,748	339,003
12	397.02	Computer Equipment		27,297	96,778	9,703	13,165	146,944
13	398.01	Miscellaneous Equipment		1,860	7,565	72	1,368	10,865
14	399.11	Asset Retirement Cost Gen Plant		-	-	-	-	-
15	General Plant - Accumulated Depreciation		II-B-5					-
16	389.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
17	389.02	Land and Land Rights		0	31	0	3	34
18	390.01	Structures and Improvements		10,604	73,181	966	595	85,346
19	391.01	Office Furniture and Equipment		250	2,234	28	653	3,165
20	392.01	Transportation Equipment		13,021	29,554	1,784	4,886	49,245
21	393.01	Stores Equipment		5	12	0	-	18
22	394.01	Tools, Shop and Garage Equipment		17	2,134	26	-	2,177
23	395.01	Laboratory Equipment		-	1,510	6,825	294	8,629
24	396.01	Power Operated Equipment		3,745	2,895	58	1,354	8,053
25	397.01	Communication Equipment		17,803	56,164	6,328	8,586	88,881
26	397.02	Computer Equipment		12,541	44,462	4,458	6,048	67,509
27	398.01	Miscellaneous Equipment		421	1,714	16	310	2,461
28	399.11	Asset Retirement Cost Gen Plant		-	-	-	-	-
29	RWIP	Salvage and Removal		(33,087)	(11,741)	-	-	(44,828)

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Other Rate Base Items							-
2	1070	CWIP	II-B-4	$ -	$ -	$ -	$ -	-
3	1050	Plant Held for Future Use	II-B-6	189	826	48	59	1,121
4	1540	Materials and Supplies	II-B-8	45,316	61,536	2,205	-	109,057
5	1630	Undistributed M&S Expenses	II-B-8	279	379	14	-	672
6		Cash Working Capital	II-B-9	4,521	17,276	1,761	2,605	26,163
7	Prepayments							
8	1650	Prepay-Insurance	II-B-10	2,126	3,611	148	61	5,946
9	1650	Other Taxes	II-B-10	1,887	3,202	186	33	5,309
10	1650	Prepay-Other	II-B-10	1,021	1,735	71	29	2,857
11	1650	Executive Benefits	II-B-10	-	-	-	-	-
12	1650	Prepaid Pension Assets	II-B-10	34,933	130,003	332	11,000	176,268
13	2350	Customer Deposits	II-B-11	-	-	-	-	-
14	2350	Customer Deposits-ROW Damage	II-B-11	(417)	-	-	-	(417)
15	2521	Customer Advances for Construction	II-B-11	-	-	-	-	-
16	Other Accumulated Provisions							
17	2281	Property Insurance Reserve	II-B-7	-	5,791	-	-	5,791
18	2282	Injuries & Damages-Auto Liability	II-B-7	(254)	(510)	(24)	(10)	(797)
19	2282	Injuries & Damages-Gen Liability	II-B-7	(3,005)	(5,106)	(209)	(87)	(8,407)
20	2282	Injuries & Damages-Workers' Comp	II-B-7	(705)	(2,623)	(7)	(222)	(3,557)
21	Accumulated Deferred State Income Tax							
22	1900	Deferred Income Tax-Federal	II-B-7	52,975	110,886	4,797	2,723	171,382
23	2820	Def Inc Taxes-Fed-Accel Depr	II-B-7	(308,707)	(729,750)	(29,247)	(11,525)	(1,079,228)
24	2830	Def Inc Taxes-Federal-Other	II-B-7	6,069	7,161	(184)	1,635	14,681
								-

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PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Non-Tax Related Regulatory Assets		II-B-12					-
2	1823	Regulatory Assets-Bad Debt		-	-	-	1,570	1,570
3	1823	Regulatory Assets-AMS Reconciliation		-	-	-	-	-
4	1823	Regulatory Assets-Hurricane Harvey		819	63,587	-	-	64,406
5	1823	Regulatory Assets-AMS Opt Out		-	-	-	-	
6	1823	Regulatory Assets-Expedited Switch		-	-	1,159	-	1,159
7	1823	Reg Assets-ADFIT Credit Over/Under		-	-	-	-	-
8	1823	Regulatory Assets-DCRF Rate Case Expense		-	-	-	-	-
9	1823	Regulatory Assets-General Rate Case Expense		-	-	-	-	-
10	1823	Regulatory Assets - 2010 Rate Case		-	-	-	-	-
11	1823	Regulatory Assets - SMT		-	-	6,939	-	6,939
12	1823	Regulatory Assets- EECRF RCE Before Approval		-	-	-	-	
13	1823	Regulatory Assets -- Asset Retire Oblig		-	-	-	-	-
14	1823	Regulatory Assets - Interest Rate Hedge MTM		-	-	-	-	-
15	Non-Tax Related Regulatory Liabilities		II-B-11					
16	2540	Regulatory Liability TCJA Refund		$ -	$ -	$ -	$ -	-
17	2540	Regulatory Liability TCRF O/U		-	-	-	-	-
18	2540	Regulatory Liability EECRF		-	-	-	-	-
19	2540	Reg Liability AMS		-	-	-	-	-
20	2540	Reg Liability ADFIT Retrospective		-	-	-	-	-
21	2540	Reg Liability Ike Residual		-	-	-	-	-
22	2540	Reg Liability Pension		(12,018)	(44,725)	(114)	(3,784)	(60,642)
23	2540	Reg Liability Pension BRP and Postretirement		(1,369)	(5,096)	(13)	(431)	(6,910)
24	2540	Reg Liability Interest Rate Hedge		-	-	-	-	-

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Tax Related Regulatory Assets		II-B-12					
2	1823	Regulatory Assets- Margin Tax		$ 8,107	$ 10,170	$ 656	$ 694	19,627
3	1823	Reg Asset-Postretirement (RDS)		$ 6,580	$ 24,489	$ 63	$ 2,072	33,204
4	1823	Equity AFUDC		-	-	-	-	-
5	1823	Equity AFUDC Amortization		-	-	-	-	-
6	1823	Net-of Tax Debt AFUDC		-	-	-	-	-
7	1823	Net-of Tax Debt AFUDC Amortization		-	-	-	-	-
8	1823	Excess Acumm. Deferred Taxes & Other		(13,672)	(27,489)	(1,301)	(513)	(42,975)
9	1823	Excess Acumm. Deferred Taxes Amortization		13,038	26,213	1,241	489	40,981
10	1823	Investment Tax Credit		-	-	-	-	-
11	1823	Investment Tax Credit Amortization		-	-	-	-	-
12	1823	Non-Current Excess Acumm. Deferred Taxes & Other		-	-	-	-	-
13	1823	Regulatory Assets - Interest Rate Hedge MTM Tax		-	-	-	-	-
14								
15	Tax Related Regulatory Liabilities		II-B-11					
16	2540	Reg NC Liab EDIT - Plant		$ (228,579)	$ (459,579)	$ (21,757)	$ (8,573)	(718,489)
17	2540	Reg NC Liab EDIT - Other Plant		-	-	-	-	-
18	2540	Reg NC Liab EDIT - ARAM Amortization		-	-	-	-	-
19	2540	Reg Liability Interest Rate Hedge - Tax		-	-	-	-	-
20								
21	Rate of Return		II-C	7.3900%	7.3900%	7.3900%	7.3900%	

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-J-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Transmission Expense - Operation		II-D-1					
2	5600	Oper Supv & Eng		$ 13,296	$ -	$ -	$ -	13,296
3	5610	Load Dispatching		-	-	-	-	-
4	5611	Load Dispatching		48	-	-	-	48
5	5612	Load Dispatching		5,134	-	-	-	5,134
6	5613	Load Dispatching		352	-	-	-	352
7	5614	Scheduling, Control, and Dispatching Services		899	-	-	-	899
8	5615	Reliability, Planning, and Standards		1,063	-	-	-	1,063
9	5617	General Studies		181	-	-	-	181
10	5620	Station Exp		247	-	-	-	247
11	5630	Overhead Line Exp		887	-	-	-	887
12	5640	Underground Line Exp		-	-	-	-	-
13	5650	Transmission of Electricity by Others		546,606	-	-	-	546,606
14	5660	Misc Transmission Ex		3,694	-	-	-	3,694
15	5670	Rents		98	-	-	-	98
16	Transmission Expense - Maintenance		II-D-1					
17	5680	Maintenance Super. & Engin.		$ -	$ -	$ -	$ -	-
18	5690	Maint of Structures		779	66	-	-	845
19	5700	Maint of Sta Equip		9,988	846	-	-	10,834
20	5710	Maint of Ovhd Lines		15,664	-	-	-	15,664
21	5720	Maint of Undrg Lines		-	-	-	-	-
22	5730	Maint of Misc Trans		516	-	-	-	515
23	Distribution Expense - Operation		II-D-1					
24	5800	Oper Supv & Eng		$ -	$ 54,187	$ -	$ -	54,187
25	5810	Load Dispatching		-	3,388	-	-	3,388
26	5820	Station Exp		-	1,152	-	-	1,152
27	5830	Ovhd Line Exp		-	3,748	-	-	3,748
28	5840	Undrgr Line Exp		-	8,439	-	-	8,439
29	5850	St Light & Signal Ex		-	55	-	-	55
30	5860	Meter Exp		-	-	31,315	-	31,315
31	5870	Cust Installat Exp		-	3,042	-	-	3,042
32	5880	Misc Distrib Exp		-	36,164	-	-	36,164
33	5890	Rents		-	125	-	-	125
34	Distribution Expense - Maintenance		II-D-1					
35	5900	Maint Supv & Eng		$ -	$ 5,527	$ -	$ -	5,527
36	5910	Maint of Structures		317	530	-	-	847
37	5920	Maint of Stn Equip		4,849	8,115	-	-	12,964
38	5930	Maint of Ovhd Lines		-	85,273	-	-	85,273
39	5940	Maint of Undrg Lines		-	13,218	-	-	13,218
40	5950	Maint of Line Transf		-	4,970	-	-	4,970
41	5960	Maint St Lite & Sig		-	3,771	-	-	3,771
42	5970	Maint of Meters		-	-	7,760	-	7,760
43	5980	Maint. of Misc. Dist. Plant. (371&372)		-	2,051	-	-	2,051
44	5982	Maint. of Misc. Dist. Plant. - OTHER		-	-	-	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Customer Accounts Expenses		II-D-1					
2	9010	Supervision		$ -	$ -	$ -	$ -	-
3	9020	Meter Reading Exp		-	-	1,499	-	1,499
4	9030	Cust Records & Collc		-	-	-	31,741	31,741
5	9040	Uncollectible Accts		-	-	-	588	588
6	9050	Misc. Customer Acct Expense		-	-	-	-	-
7	Customer Service & Information Expenses							
8	9060	Customer Svc. & Infor.		$ -	$ -	$ -	$ -	-
9	9070	Supervision		-	-	-	-	-
10	9080	Customer Assistance		-	-	-	3,050	3,050
11	9090	Inform. & Instruct. Adv. Exp.		-	-	-	4,174	4,174
12	9100	Misc. Cust. Service & Inform.		-	-	-	6	6
13	Sales Expense							
14	9110	Supervision		$ -	$ -	$ -	$ -	-
15	9120	Demonstrating & Selling Exp.		-	-	-	-	-
16	9130	Advertising Exp.		-	-	-	-	-
17	9160	Misc Sales Exp		-	-	-	-	-
18	9170	Sales Expense		-	-	-	-	-
19	Administrative & General Expenses		II-D-2					
20	9200	Admin. & General Salaries		$ 481	$ 1,791	$ 5	$ 152	2,429
21	9210	Office Supplies		358	1,333	3	113	1,808
22	9230	Outside Services		184	703	72	106	1,064
23	9240	Property Insurance Exp.		3,879	6,589	270	112	10,850
24	9250	Injuries & Damages		3,652	13,592	35	3,248	20,527
25	9260	Pensions & Benefits		9,211	34,280	88	3,229	46,808
26	9280	Regulatory Commission		-	-	-	-	-
27	9301	Gen Advertising Exp		23	86	-	14	123
28	9302	Mics General Expense		27,953	104,028	266	13,965	146,212
29	9310	Rents		2,205	8,207	21	694	11,127
30	9350	Maint. of General Plant		562	1,740	144	174	2,620

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Depreciation and Amortization Expense		II-E-1					
2	Intangible Plant							
3	301	Organization		$ -	$ -	$ -	$ -	-
4	302	Franchise and Consents		$ -	$ -	$ -	$ -	-
5	303.01	Misc Intangible Plant - MF S/W		-	-	-	-	-
6	303.02	Misc Intangible Plant - NMF S/W		520	9,705	11,557	7,868	29,650
7	Transmission Plant							
8	350.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
9	350.02	Land and Land Rights		1,291	0	-	-	1,291
10	352.01	Structures and Improvements		3,092	111	-	-	3,203
11	353.01	Station Equipment		17,470	1,480	-	-	18,950
12	354.01	Towers and Fixtures		16,703	-	-	-	16,703
13	355.01	Poles and Fixtures		3,048	-	-	-	3,048
14	356.01	O.H. Conductors & Devices		19,268	-	-	-	19,268
15	357.01	Underground Conduit		658	-	-	-	658
16	358.01	Underground Conductors		346	-	-	-	346
17	359.01	Roads and Trails		1,451	-	-	-	1,451
18	Distribution Plant							
19	360.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
20	360.02	Land and Land Rights		1	18	-	-	19
21	361.01	Structures and Improvements		574	1,083	-	-	1,657
22	362.01	Station Equipment		9,427	15,779	-	-	25,206
23	364.01	Poles,Towers & Fixtures		-	24,851	-	-	24,851
24	365.01	O.H. Conductors & Devices		-	31,989	-	-	31,989
25	366.01	Underground Conduits		-	11,335	-	-	11,335
26	367.01	U G Conductors & Devices		-	34,325	-	-	34,325
27	368.01	Line Transformers		-	50,184	-	-	50,184
28	369.01	Services		-	8,886	-	-	8,886
29	370.01	Meters		-	-	2,545	-	2,545
30	370.02	Advanced Meters		-	-	-	-	-
31	370.03	Automated Meters		-	-	(2,270)	-	(2,270)
32	373.01	Street Lighting and Signal Systems		-	17,991	-	-	17,991
33	373.02	Security Lighting		-	456	-	-	456
34	374.01	Security Lighting		-	-	-	-	-
35	General Plant							
36	389.01	Land and Land Fees		$ -	$ -	$ -	$ -	-
37	389.02	Land and Land Rights		0	3	0	0	3
38	390.01	Structures and Improvements		534	3,688	49	30	4,301
39	391.01	A391 Office Furniture		31	274	3	80	388
40	392.01	Transportation equipment		-	-	-	-	-
41	393.01	Store Equipment		4	10	0	-	15
42	394.01	Tools, Shop & Garage Equip		6	716	9	-	730
43	395.01	Lab Equip		-	143	645	28	816
44	396.01	Power Operated Equipment		-	-	-	-	-
45	397.01	Communication Equipment		3,011	9,497	1,070	1,452	15,030
46	397.02	Computer Equipment		3,367	11,936	1,197	1,624	18,123
47	398.01	Misc Equip		83	336	3	61	482
48	Amortization	From Schedule II-E-4.1		(1,304)	8,607	2,880	(1,030)	9,153

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Taxes Other than Income Taxes		II-E-2					
2	Payroll-Related							
3	4081	FICA		$ 2,238	$ 8,330	$ 21	$ 705	11,295
4	4081	FUTA		61	229	1	19	310
5								
6	Property Related							
7	4081	Transmission		$ 33,491	$ 56,834	$ 3,300	$ 587	94,212
8								
9	Other							
10	4081	Sales & Use Tax		-	-	-	-	-
11								
12	Revenue Related							
13	4081	Texas Gross Margin Tax		$ 8,272	$ 10,377	$ 670	$ 708	20,027
14	4081	Municipal Franchise Fees		-	152,781	-	-	152,781
15	4081	Deferred SIT/Local		(135)	(169)	(11)	(12)	(327)
16								
17	Federal Income Taxes		II-E-3					
18		Deductions:						
19		Synchronized Interest		$ (51,851)	$ (84,940)	$ (3,482)	$ (1,695)	(141,967)
20		Amortization of Protected Excess DFIT		(5,936)	(11,935)	(565)	(223)	(18,659)
21		Amortization of Non-protected Excess DFIT		-	-	-	-	-
22		Research & Development Credit		(404)	(811)	(38)	(15)	(1,268)
23		Medicare drug subsidy		-	-	-	-	-
24		AFUDC Equity		-	-	-	-	-
25		Restricted Stock Excess Tax Benefit		(11)	(41)	(0)	(3)	(56)
26								
27		Additions:						
28		Non-deductible Club Dues		$ -	$ -	$ -	$ -	-
29		Non-deductible Parking and Transit		$ 23	$ 84	$ 0	$ 7	114
30		Nondeductible Lobbying Expenses		$ -	$ -	$ -	$ -	-
31		Meals & Entertainment		$ 115	$ 427	$ 1	$ 36	579
32		Fines & Penalties		$ -	$ -	$ -	$ -	-
33		Diesel Fuel Credit Disallowance		$ 1	$ 2	$ 0	$ 0	3
34		Permanent Depreciation Difference		$ 1,388	$ 2,791	$ 132	$ 52	4,364
35		Medicare Drug Subsidy		1,733	6,449	16	546	8,744
36								
37		Tax Credits						
38		Amortization of Protected Excess DFIT		$ (5,936)	$ (11,935)	$ (565)	$ (223)	(18,659)
39		Amortization of Non-protected Excess DFIT		$ -	$ -	$ -	$ -	-
40		Research & Development Credit		(404)	$ (811)	(38)	(15)	(1,268)
41		Medicare Drug Subsidy		1,733	$ 6,449	16	546	8,744
42		Restricted Stock Excess Tax Benefit		(11)	(41)	(0)	(3)	(56)
43								
44		ADD:						
45								-
46								-
								-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.1: CONSOLIDATION OF FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

Line No.	Account Number (a)	Description (b)	Reference Schedule (c)	TRAN (d)	DIST (e)	MET (f)	TDCS (i)	Total (j)
1	Other Expenses							
2	431	Interest On Customer Deposits	II-E-4	$ 77	$ 295	$ 30	$ 45	447
3								-
4								
5	Other Revenues		II-E-5					
6	Non-Electric Revenue							
7	4211	Gain On Disp of Prop		$ (731)	$ -	$ -	$ -	(731)
8	4500	Forfeited Discount		-	996	-	-	996
9	4510	Misc. Service Revenue		14,109	19,605	88	-	33,802
10	4540	Rent from Property		22,898	9,087	-	-	31,985
11	4560	Other Electric Revenue		40	-	-	-	40
12	4561	Revenues from Transmission of Electricity of Others		-	-	-	-	-
13								
14								
15	COST-BASED Revenue Requirement		I-A-1	$ 942,649	$ 1,182,498	$ 76,327	$ 80,730	2,282,204
16								
17								
18		Rate Base		2,367,624	3,878,526	158,983	77,579	6,482,512
19								
20		Return on Rate Base		174,967	286,623	11,749	5,718	479,058
21		Operating and Maintenance Expenses		653,125	407,017	41,477	61,366	1,162,986
22		Depreciation, Amortization, & Other Expenses		79,657	243,697	17,718	10,157	351,230
23		Taxes Other Than Federal Income Tax		43,928	228,381	3,981	2,008	278,298
24		FIT		27,288	46,467	1,490	1,480	76,724
25		minus Other Revenues		(36,316)	(29,688)	(88)	-	(66,092)
26		Revenue Requirement		942,649	1,182,498	76,327	80,730	2,282,204
27								
28		Should be all TRUE ==>		TRUE	TRUE	TRUE	TRUE	TRUE
29								

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

			1	2	3
Line No.	Description	Reference Schedule	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes
1	Operating and Maintenance Expenses	II-D-2	1,442,018	-	(279,031)
2	Depreciation & Amortization Expenses	II-E-1	378,871	-	(27,641)
3	Taxes Other Than Federal Income Tax	II-E-2	268,891	-	9,407
4	Federal Income Tax	II-E-3	71,534	-	5,191
5					
6	Return on Rate Base	II-B	476,266	-	2,791
7					
8	SUBTOTAL COST OF SERVICE		2,637,580	-	(289,283)
9					
10	Decommissioning Expense	II-G	-	-	-
11					
12	Other Non-Bypassable Charges		-	-	-
13					
14	Minus: Other Revenues	II-E-5	416,689	-	(350,597)
15					
16	TOTAL ADJUSTED REVENUE REQUIREMENT		2,220,891	-	61,314

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

			4	5	6	7
Line No.	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	Operating and Maintenance Expenses	II-D-2	1,162,987			1,162,987
2	Depreciation & Amortization Expenses	II-E-1	351,230			351,230
3	Taxes Other Than Federal Income Tax	II-E-2	278,298			278,298
4	Federal Income Tax	II-E-3	76,724			76,724
5						
6	Return on Rate Base	II-B	479,058			479,058
7						
8	SUBTOTAL COST OF SERVICE		2,348,297			2,348,297
9						
10	Decommissioning Expense	II-G	-			-
11						
12	Other Non-Bypassable Charges		-			-
13						
14	Minus: Other Revenues	II-E-5	66,092			66,092
15						
16	TOTAL ADJUSTED REVENUE REQUIREMENT		2,282,205			2,282,205

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
SPONSOR: M. TROXLE
(THOUSANDS OF DOLLARS)

			8	9	10	11	12
Line No.	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Operating and Maintenance Expenses	II-D-2	653,125	407,018	41,477	61,366	1,162,986
2	Depreciation & Amortization Expenses	II-E-1	79,657	243,697	17,718	10,157	351,230
3	Taxes Other Than Federal Income Tax	II-E-2	43,928	228,381	3,981	2,008	278,298
4	Federal Income Tax	II-E-3	27,288	46,467	1,490	1,480	76,724
5							
6	Return on Rate Base	II-B	174,967	286,623	11,749	5,718	479,058
7							
8	SUBTOTAL COST OF SERVICE		978,965	1,212,186	76,415	80,730	2,348,296
9							
10	Decommissioning Expense	II-G	-	-	-	-	-
11							
12	Other Non-Bypassable Charges		-	-	-	-	-
13							
14	Minus: Other Revenues	II-E-5	36,316	29,688	88	-	66,092
15							
16	TOTAL ADJUSTED REVENUE REQUIREMENT		942,649	1,182,498	76,327	80,730	2,282,204

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B SUMMARY OF RATE BASE

			1	2	3
Line No.	Description	Reference Schedule	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes
1	Original Cost of Plant	II-B-1	10,673,389	-	(127,646)
2	General Plant	II-B-2	493,688	-	(4,563)
3	Communication Equipment	II-B-3	547,297	-	(61,350)
4	Total Plant		11,714,374	-	(193,559)
5					
6	Accumulated Depreciation	II-B-5	4,014,836	-	(210,823)
7					
8	NET PLANT IN SERVICE		7,699,538	-	17,264
9					
10	Other Rate Base Items:				
11					
12	CWIP	II-B-4	427,251	-	(427,251)
13	Plant Held for Future Use	II-B-6	11,381	-	(10,260)
14	Accumulated Provisions	II-B-7	(6,931)	-	(39)
15	Accumulated Deferred Federal Income Taxes	II-B-7	(1,022,136)	-	128,971
16	Materials & Supplies	II-B-8	109,729	-	-
17	Cash Working Capital	II-B-9	72,877	-	(46,714)
18	Prepayments	II-B-10	17,994	-	172,386
19	Other Rate Base Items				
20	Customer Deposits & Advances	II-B-11	(17,870)	-	17,453
21	Regulatory Liabilities	II-B-11	(1,046,387)	-	260,346
22	Regulatory Assets	II-B-12	199,295	-	(74,384)
23					
24	Total Other Rate Base Items		(1,254,797)	-	20,507
25					
26	TOTAL RATE BASE		6,444,741	-	37,771
27					
28	Rate of Return	II-C-1.1	7.3900%	7.390%	7.390%
29					
30	RETURN ON RATE BASE		476,266	-	2,791

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B SUMMARY OF RATE BASE

			4	5	6	7
Line No.	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	Original Cost of Plant	II-B-1	10,545,743			10,545,743
2	General Plant	II-B-2	489,125			489,125
3	Communication Equipment	II-B-3	485,947			485,947
4	Total Plant		11,520,815			11,520,815
5						
6	Accumulated Depreciation	II-B-5	3,804,013			3,804,013
7						
8	NET PLANT IN SERVICE		7,716,802			7,716,802
9						
10	Other Rate Base Items:					
11						
12	CWIP	II-B-4	-			-
13	Plant Held for Future Use	II-B-6	1,121			1,121
14	Accumulated Provisions	II-B-7	(6,970)			(6,970)
15	Accumulated Deferred Federal Income Taxes	II-B-7	(893,165)			(893,165)
16	Materials & Supplies	II-B-8	109,729			109,729
17	Cash Working Capital	II-B-9	26,163			26,163
18	Prepayments	II-B-10	190,380			190,380
19	Other Rate Base Items					
20	Customer Deposits & Advances	II-B-11	(417)			(417)
21	Regulatory Liabilities	II-B-11	(786,041)			(786,041)
22	Regulatory Assets	II-B-12	124,911			124,911
23						
24	Total Other Rate Base Items		(1,234,290)			(1,234,290)
25						
26	TOTAL RATE BASE		6,482,512			6,482,512
27						
28	Rate of Return	II-C-1.1	7.390%			7.390%
29						
30	RETURN ON RATE BASE		479,058			479,058

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B SUMMARY OF RATE BASE

			8	9	10	11	12
Line No.	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Original Cost of Plant	II-B-1	3,488,890	6,699,204	289,790	67,860	10,545,743
2	General Plant	II-B-2	81,130	359,056	25,240	23,699	489,125
3	Communication Equipment	II-B-3	95,200	310,994	33,840	45,913	485,947
4	Total Plant		3,665,220	7,369,254	348,870	137,471	11,520,815
5							
6	Accumulated Depreciation	II-B-5	906,729	2,682,715	156,650	57,918	3,804,013
7							
8	NET PLANT IN SERVICE		2,758,491	4,686,539	192,220	79,553	7,716,802
9							
10	Other Rate Base Items:						
11							
12	CWIP	II-B-4	-	-	-	-	-
13	Plant Held for Future Use	II-B-6	189	826	48	59	1,121
14	Accumulated Provisions	II-B-7	(3,964)	(2,448)	(240)	(318)	(6,970)
15	Accumulated Deferred Federal Income Taxes	II-B-7	(249,663)	(611,703)	(24,633)	(7,166)	(893,165)
16	Materials & Supplies	II-B-8	45,595	61,915	2,219	-	109,728
17	Cash Working Capital	II-B-9	4,521	17,276	1,761	2,605	26,163
18	Prepayments	II-B-10	39,967	138,552	737	11,124	190,380
19	Other Rate Base Items						
20	Customer Deposits & Advances	II-B-11	(417)	-	-	-	(417)
21	Regulatory Liabilities	II-B-11	(241,967)	(509,401)	(21,884)	(12,789)	(786,041)
22	Regulatory Assets	II-B-12	14,872	96,970	8,757	4,313	124,911
23							
24	Total Other Rate Base Items		(390,867)	(808,013)	(33,237)	(2,173)	(1,234,290)
25							
26	TOTAL RATE BASE		2,367,624	3,878,526	158,983	77,379	6,482,512
27							
28	Rate of Return	II-C-1.1	7.390%	7.390%	7.390%	7.390%	7.390%
29							
30	RETURN ON RATE BASE		174,967	286,623	11,749	5,718	479,058

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B-1 RATE BASE ACCOUNTS - PLANT

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1	Intangible Plant-Gross		II-B-1			
2	301.01	Organization		-	-	-
3	302.01	Franchise & Consents		-	-	-
4	303.01	Misc Intangible Plant - MF S/W		-	-	-
5	303.02	Misc Intangible Plant - NMF S/W		294,740	-	(39,029)
6						
7		Subtotal		294,740	-	(39,029)
8						
9	Transmission Plant-Gross		II-B-1			
10	350.01	Land and Land Fees		49,328	-	-
11	350.02	Land and Land Rights		100,986	-	-
12	352.01	Structures and Improvements		202,222	-	-
13	353.01	Station Equipment		993,651	-	-
14	354.01	Towers and Fixtures		844,560	-	-
15	355.01	Poles, Towers, and Fixtures		124,989	-	-
16	356.01	Overhead Conductors and Devices		612,374	-	-
17	357.01	Undergound Conduit		38,060	-	-
18	358.01	Underground Conductors and Devices		14,661	-	-
19	359.01	Roads and Trails		81,533	-	-
20						
21		Subtotal		3,062,364	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B-1 RATE BASE ACCOUNTS - PLANT

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	**Intangible Plant-Gross**		II-B-1				
2	301.01	Organization		-	1	DA	-
3	302.01	Franchise & Consents		-	1	DA	-
4	303.01	Misc Intangible Plant - MF S/W		-	1	DA	-
5	303.02	Misc Intangible Plant - NMF S/W		255,711	23	E30302	255,711
6							
7		Subtotal		255,711			255,711
8							
9	**Transmission Plant-Gross**		II-B-1				
10	350.01	Land and Land Fees		49,328	25	E35001	49,328
11	350.02	Land and Land Rights		100,986	26	E35002	100,986
12	352.01	Structures and Improvements		202,222	27	E35201	202,222
13	353.01	Station Equipment		993,651	28	E35301	993,651
14	354.01	Towers and Fixtures		844,560	29	E35401	844,560
15	355.01	Poles, Towers, and Fixtures		124,989	30	E35501	124,989
16	356.01	Overhead Conductors and Devices		612,374	31	E35601	612,374
17	357.01	Undergound Conduit		38,060	32	E35701	38,060
18	358.01	Underground Conductors and Devices		14,661	33	E35801	14,661
19	359.01	Roads and Trails		81,533	34	E35901	81,533
20							
21		Subtotal		3,062,364			3,062,364

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B-1 RATE BASE ACCOUNTS - PLANT

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Intangible Plant-Gross		II-B-1					
2	301.01	Organization		-	-	-	-	-
3	302.01	Franchise & Consents		-	-	-	-	-
4	303.01	Misc Intangible Plant - MF S/W		-	-	-	-	-
5	303.02	Misc Intangible Plant - NMF S/W		4,483	83,701	99,667	67,860	255,711
6								
7		Subtotal		4,483	83,701	99,667	67,860	255,711
8								
9	Transmission Plant-Gross		II-B-1					
10	350.01	Land and Land Fees		48,522	806	-	-	49,328
11	350.02	Land and Land Rights		100,984	2	-	-	100,986
12	352.01	Structures and Improvements		195,207	7,015	-	-	202,222
13	353.01	Station Equipment		916,042	77,609	-	-	993,651
14	354.01	Towers and Fixtures		844,560	-	-	-	844,560
15	355.01	Poles, Towers, and Fixtures		124,989	-	-	-	124,989
16	356.01	Overhead Conductors and Devices		612,374	-	-	-	612,374
17	357.01	Undergound Conduit		38,060	-	-	-	38,060
18	358.01	Underground Conductors and Devices		14,661	-	-	-	14,661
19	359.01	Roads and Trails		81,533	-	-	-	81,533
20								
21		Subtotal		2,976,932	85,432	-	-	3,062,364

22						
23	**Distribution Plant-Gross**		II-B-1			
24	360.01	Land Owned in Fees		31,120	-	-
25	360.02	Land and Land Rights		2,211	-	(1,035)
26	361.01	Structures and Improvements		105,322	-	-
27	362.01	Station Equipment		1,210,967	-	-
28	364.01	Poles,Towers & Fixtures		833,783	-	-
29	365.01	Overhead Conductors and Devices		1,006,923	-	-
30	366.01	Underground Conduits		588,158	-	(51)
31	367.01	Underground Conductors and Devices		1,066,790	-	(693)
32	368.01	Line Transformers		1,376,453	-	(339)
33	369.01	Services		200,437	-	-
34	370.01	Meters		78,336	-	-
35	370.03	Automated Meters		179,726	-	(67,939)
36	373.01	Street Lighting and Signal Systems		604,289	-	-
37	373.02	Security Lighting		13,209	-	1
38	374.01	Security Lighting		1	-	(1)
39	374.03	Asset Retirement Cost Dist Plant		18,560	-	(18,560)
40						
41			**Subtotal**	7,316,285	-	(88,617)
42						
43	**TOTAL INT, TRAN, DIST PLANT-GROSS**		II-B-1	**10,673,389**	-	**(127,646)**
44	**TOTAL TRAN, DIST PLANT-GROSS**		II-B-1	**10,378,649**	-	**(88,617)**

Distribution Plant-Gross		II-B-1				
360.01	Land Owned in Fees		31,120	35	E36001	31,120
360.02	Land and Land Rights		1,176	36	E36002	1,176
361.01	Structures and Improvements		105,322	37	E36101	105,322
362.01	Station Equipment		1,210,967	38	E36201	1,210,967
364.01	Poles,Towers & Fixtures		833,783	39	E36401	833,783
365.01	Overhead Conductors and Devices		1,006,923	40	E36501	1,006,923
366.01	Underground Conduits		588,107	41	E36601	588,107
367.01	Underground Conductors and Devices		1,066,097	42	E36701	1,066,097
368.01	Line Transformers		1,376,114	43	E36801	1,376,114
369.01	Services		200,437	44	E36901	200,437
370.01	Meters		78,336	45	E37001	78,336
370.03	Automated Meters		111,787	46	E37003	111,787
373.01	Street Lighting and Signal Systems		604,289	47	E37301	604,289
373.02	Security Lighting		13,210	47	E37301	13,210
374.01	Security Lighting		-	1	DA	-
374.03	Asset Retirement Cost Dist Plant		-	1	DA	-
	Subtotal		7,227,668			7,227,668
TOTAL INT, TRAN, DIST PLANT-GROSS		II-B-1	10,545,743			10,545,743
TOTAL TRAN, DIST PLANT-GROSS		II-B-1	10,290,032			10,290,032

22								
23	Distribution Plant-Gross		II-B-1					
24	360.01	Land Owned in Fees		18,026	13,094	-	-	31,120
25	360.02	Land and Land Rights		61	1,115	-	-	1,176
26	361.01	Structures and Improvements		36,465	68,857	-	-	105,322
27	362.01	Station Equipment		452,923	758,044	-	-	1,210,967
28	364.01	Poles,Towers & Fixtures		-	833,783	-	-	833,783
29	365.01	Overhead Conductors and Devices		-	1,006,923	-	-	1,006,923
30	366.01	Underground Conduits		-	588,107	-	-	588,107
31	367.01	Underground Conductors and Devices		-	1,066,097	-	-	1,066,097
32	368.01	Line Transformers		-	1,376,114	-	-	1,376,114
33	369.01	Services		-	200,437	-	-	200,437
34	370.01	Meters		-	-	78,336	-	78,336
35	370 03	Automated Meters		-	-	111,787	-	111,787
36	373.01	Street Lighting and Signal Systems		-	604,289	-	-	604,289
37	373.02	Security Lighting		-	13,210	-	-	13,210
38	374.01	Security Lighting		-	-	-	-	-
39	374.03	Asset Retirement Cost Dist Plant		-	-	-	-	-
40								
41		Subtotal		507,474	6,530,071	190,123	-	7,227,668
42								
43	TOTAL INT, TRAN, DIST PLANT-GROSS		II-B-1	3,488,890	6,699,204	289,790	67,860	10,545,743
44	TOTAL TRAN, DIST PLANT-GROSS		II-B-1	3,484,406	6,615,503	190,123	-	10,290,032

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II-B-2 RATE BASE ACCOUNTS - GENERAL PLANT

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1	General Plant-Gross		II-B-2			
2	389.01	Land and Land Fees		27,581	-	-
3	389.02	Land and Land Rights		154	-	-
4	390.01	Structures and Improvements		242,413	-	-
5	391 01	Office Furniture and Equipment		11,135	-	-
6	392.01	Transportation Equipment		136,383	-	(142)
7	393.01	Store Equipment		210	-	-
8	394.01	Tools, Shop and Garage Equipment		15,431	-	(56)
9	395.01	Laboratory Equipment		22,023	-	(819)
10	396.01	Power Operated Equipment		23,947	-	-
11						
12		Subtotal		479,277	-	(1,017)
13						
14	General Plant - Miscellaneous					
15	398.01	Miscellaneous Equipment		10,865	-	-
16	399.11	Asset Retirement Cost Gen Plant		3,546	-	(3,546)
17						
18		Subtotal		14,411	-	(3,546)
19						
20	TOTAL GENERAL PLANT GROSS		II-B-2	493,688	-	(4,563)

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II-B-2 RATE BASE ACCOUNTS - GENERAL PLANT

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	General Plant-Gross		II-B-2				
2	389.01	Land and Land Fees		27,581	49	E38901	27,581
3	389.02	Land and Land Rights		154	50	E38902	154
4	390.01	Structures and Improvements		242,413	51	E39001	242,413
5	391.01	Office Furniture and Equipment		11,135	52	E39101	11,135
6	392.01	Transportation Equipment		136,241	53	E39201	136,241
7	393.01	Store Equipment		210	54	E39301	210
8	394.01	Tools, Shop and Garage Equipment		15,375	55	E39401	15,375
9	395.01	Laboratory Equipment		21,204	56	E39501	21,204
10	396.01	Power Operated Equipment		23,947	57	E39601	23,947
11							
12		Subtotal		478,260			478,260
13							
14	General Plant - Miscellaneous						
15	398.01	Miscellaneous Equipment		10,865	60	E39801	10,865
16	399.11	Asset Retirement Cost Gen Plant		-	1	DA	-
17							
18		Subtotal		10,865			10,865
19							
20	TOTAL GENERAL PLANT GROSS		II-B-2	489,125			489,125

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II-B-2 RATE BASE ACCOUNTS - GENERAL PLANT

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	General Plant-Gross		II-B-2					
2	389.01	Land and Land Fees		927	26,332	259	63	27,581
3	389.02	Land and Land Rights		0	140	1	12	154
4	390.01	Structures and Improvements		30,118	207,859	2,745	1,691	242,413
5	391.01	Office Furniture and Equipment		878	7,861	99	2,297	11,135
6	392.01	Transportation Equipment		36,025	81,764	4,935	13,517	136,241
7	393.01	Store Equipment		62	145	3	-	210
8	394.01	Tools, Shop and Garage Equipment		123	15,070	182	-	15,375
9	395.01	Laboratory Equipment		-	3,711	16,771	723	21,204
10	396.01	Power Operated Equipment		11,137	8,609	174	4,028	23,947
11								
12		Subtotal		79,270	351,491	25,168	22,331	478,260
13								
14	General Plant - Miscellaneous							
15	398.01	Miscellaneous Equipment		1,860	7,565	72	1,368	10,865
16	399.11	Asset Retirement Cost Gen Plant		-	-	-	-	-
17								
18		Subtotal		1,860	7,565	72	1,368	10,865
19								
20	TOTAL GENERAL PLANT GROSS		II-B-2	81,130	359,056	25,240	23,699	489,125

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WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
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II-B-3 RATE BASE ACCOUNTS - COMMUNICATION EQUIP.

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1	Communication Equipment					
2	397.01	Communication Equipment	II-B-3	377,223	-	(38,220)
3	397.02	Computer Equipment		170,074	-	(23,130)
4						
5		Subtotal		547,297	-	(61,350)
6						
7	TOTAL COMMUNICATION EQUIPMENT			547,297	-	(61,350)
8						
9	TOTAL GENERAL PLANT GROSS INCLUDE. COMM. EQUIP.		II-B-2-3	1,040,985	-	(65,913)
10						
11	TOTAL PLANT IN SERVICE-GROSS (INCL. INTANGIBLES)		II-B-1-3	11,714,374	-	(193,559)
12						
13	TOTAL PLANT IN SERVICE-GROSS (EXCL. INTANGIBLES)		II-B-1-3	11,419,634	-	(154,530)

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II-B-3 RATE BASE ACCOUNTS - COMMUNICATION EQUIP.

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	Communication Equipment						
2	397.01	Communication Equipment	II-B-3	339,003	58	E39701	339,003
3	397.02	Computer Equipment		146,944	59	E39702	146,944
4							
5		Subtotal		485,947			485,947
6							
7	TOTAL COMMUNICATION EQUIPMENT			485,947			485,947
8							
9	TOTAL GENERAL PLANT GROSS INCLUDE. COMM. EQUIP.		II-B-2-3	975,072			975,072
10							
11	TOTAL PLANT IN SERVICE-GROSS (INCL. INTANGIBLES)		II-B-1-3	11,520,815			11,520,815
12							
13	TOTAL PLANT IN SERVICE-GROSS (EXCL. INTANGIBLES)		II-B-1-3	11,265,104			11,265,104

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II-B-3 RATE BASE ACCOUNTS - COMMUNICATION EQUIP.

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Communication Equipment							
2	397.01	Communication Equipment	II-B-3	67,902	214,216	24,137	32,748	339,003
3	397.02	Computer Equipment		27,297	96,778	9,703	13,165	146,944
4								
5		Subtotal		95,200	310,994	33,840	45,913	485,947
6								
7	TOTAL COMMUNICATION EQUIPMENT			95,200	310,994	33,840	45,913	485,947
8								
9	TOTAL GENERAL PLANT GROSS INCLUDE. COMM. EQUIP.		II-B-2-3	176,330	670,051	59,080	69,611	975,072
10								
11	TOTAL PLANT IN SERVICE-GROSS (INCL. INTANGIBLES)		II-B-1-3	3,665,220	7,369,254	348,870	137,471	11,520,815
12								
13	TOTAL PLANT IN SERVICE-GROSS (EXCL. INTANGIBLES)		II-B-1-3	3,660,736	7,285,553	249,203	69,611	11,265,104

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II-B-4 RATE BASE ACCOUNTS - CWIP

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1		**Construction Work in Progress**				
2	1070	Construction Work In Progress		427,251	-	(427,251)
3						
4		**Subtotal**		427,251	-	(427,251)
5						
6		**TOTAL CWIP**	II-B-4	427,251	-	(427,251)

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II-B-4 RATE BASE ACCOUNTS - CWIP

Line No.	FERC Account	Description	Reference Schedule	4 Company Total Electric	5 FF #	6 Functionalization Factor Name	7 Allocation to Texas
1		**Construction Work in Progress**					
2	1070	Construction Work In Progress		-	1	DA	-
3							
4		**Subtotal**		-			-
5							
6		**TOTAL CWIP**	**II-B-4**	-			-

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II-B-4 RATE BASE ACCOUNTS - CWIP

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1		**Construction Work in Progress**						
2	1070	Construction Work In Progress		-	-	-	-	-
3								
4		**Subtotal**		-	-	-	-	-
5								
6		**TOTAL CWIP**	**II-B-4**	-	-	-	-	-

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II-B-5 RATE BASE ACCOUNTS DEPRECIATION - PLANT

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1		**Intangible Plant**				
2		**Accumulated Depreciation**	II-B-5			
3	301	Organization		-	-	-
4	302	Franchise & Consents		-	-	-
5	303.01	Misc Intangible Plant - MF S/W		(89)	-	89
6	303.02	Misc Intangible Plant - NMF S/W		174,001	-	(41,400)
7						
8			**Subtotal**	173,912	-	(41,311)
9						
10		**Transmission Plant**				
11		**Accumulated Depreciation**	II-B-5			
12	350.01	Land and Land Fees		15	-	(15)
13	350 02	Land and Land Rights		20,416	-	(1,873)
14	352.01	Structures and Improvements		16,828	-	1,964
15	353.01	Station Equipment		173,852	-	(9,290)
16	354.01	Towers and Fixtures		205,992	-	23,851
17	355.02	Poles, Towers and Fixtures		21,260	-	7,070
18	356.01	Overhead Conductors and Devices		291,970	-	(22,613)
19	357.01	Undergound Conduit		6,112	-	711
20	358.01	Underground Conductors and Devices		2,980	-	673
21	359.01	Roads and Trails		11,230	-	(478)
22						
23			**Subtotal**	750,655	-	-

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II-B-5 RATE BASE ACCOUNTS DEPRECIATION - PLANT

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1		**Intangible Plant**					
2		**Accumulated Depreciation**	II-B-5				
3	301	Organization		-	1	DA	-
4	302	Franchise & Consents		-	1	DA	-
5	303.01	Misc Intangible Plant - MF S/W		-	1	DA	-
6	303.02	Misc Intangible Plant - NMF S/W		132,601	23	E30302	132,601
7							
8		Subtotal		132,601			132,601
9							
10		**Transmission Plant**					
11		**Accumulated Depreciation**	II-B-5				
12	350.01	Land and Land Fees		-	25	E35001	-
13	350.02	Land and Land Rights		18,543	26	E35002	18,543
14	352.01	Structures and Improvements		18,792	27	E35201	18,792
15	353.01	Station Equipment		164,562	28	E35301	164,562
16	354.01	Towers and Fixtures		229,843	29	E35401	229,843
17	355.02	Poles, Towers and Fixtures		28,330	30	E35501	28,330
18	356.01	Overhead Conductors and Devices		269,357	31	E35601	269,357
19	357.01	Undergound Conduit		6,823	32	E35701	6,823
20	358.01	Underground Conductors and Devices		3,653	33	E35801	3,653
21	359 01	Roads and Trails		10,752	34	E35901	10,752
22							
23		Subtotal		750,655			750,655

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II-B-5 RATE BASE ACCOUNTS DEPRECIATION - PLANT

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1		**Intangible Plant**						
2		**Accumulated Depreciation**	II-B-5					
3	301	Organization		-	-	-	-	-
4	302	Franchise & Consents		-	-	-	-	-
5	303.01	Misc Intangible Plant - MF S/W		-	-	-	-	-
6	303.02	Misc Intangible Plant - NMF S/W		2,325	43,404	51,683	35,189	132,601
7								
8		Subtotal		2,325	43,404	51,683	35,189	132,601
9								
10		**Transmission Plant**						
11		**Accumulated Depreciation**	II-B-5					
12	350 01	Land and Land Fees		-	-	-	-	-
13	350.02	Land and Land Rights		18,543	0	-	-	18,543
14	352.01	Structures and Improvements		18,140	652	-	-	18,792
15	353.01	Station Equipment		151,709	12,853	-	-	164,562
16	354.01	Towers and Fixtures		229,843	-	-	-	229,843
17	355.02	Poles, Towers and Fixtures		28,330	-	-	-	28,330
18	356.01	Overhead Conductors and Devices		269,357	-	-	-	269,357
19	357.01	Undergound Conduit		6,823	-	-	-	6,823
20	358.01	Underground Conductors and Devices		3,653	-	-	-	3,653
21	359 01	Roads and Trails		10,752	-	-	-	10,752
22								
23		Subtotal		737,150	13,505	-	-	750,655

24						
25	**Distribution Plant**					
26	**Accumulated Depreciation**		II-B-5			
27	360.01	Land and Land Fees		-	-	-
28	360.02	Land and Land Rights		726	-	(78)
29	361.01	Structures and Improvements		36,570	-	(1,099)
30	362.01	Station Equipment		329,073	-	17,488
31	364.01	Poles,Towers & Fixtures		319,535	-	33,265
32	365.01	Overhead Conductors and Devices		426,982	-	(56,382)
33	366.01	Underground Conduits		212,255	-	1,854
34	367.01	Underground Conductors and Devices		366,775	-	780
35	368.01	Line Transformers		452,100	-	106,360
36	369.01	Services		121,211	-	(38,664)
37	370.01	Meters		67,514	-	(9,754)
38	370.02	Advanced Meters		41	-	(41)
39	370.03	Automated Meters		135,221	-	(108,504)
40	373.01	Street Lighting and Signal Systems		262,006	-	(28,824)
41	373.02	Security Lighting		6,333	-	(2,676)
42	374.01	Security Lighting		(2,676)	-	2,676
43	374.03	Asset Retirement Cost Dist Depreciation/Amortization		11,773	-	(11,773)
44						
45		**Subtotal**		2,745,439	-	(95,372)
46						
47	**TOTAL INT, TRAN, DIST PLANT-ACCUM DEP.**		II-B-5	3,670,006	-	(136,683)
48	**TOTAL TRAN, DIST PLANT-ACCUM DEP.**		II-B-5	3,496,094	-	(95,372)
49						
50	**TOTAL INT, TRAN, DIST PLANT-NET**		II-B-1 - II-B-5	7,003,383	-	9,037
51	**TOTAL TRAN, DIST PLANT-NET**		II-B-1 - II-B-5	6,882,555	-	6,755

24						
25	**Distribution Plant**					
26	**Accumulated Depreciation**	II-B-5				
27	360.01 Land and Land Fees		-	35	E36001	-
28	360.02 Land and Land Rights		648	36	E36002	648
29	361.01 Structures and Improvements		35,471	37	E36101	35,471
30	362.01 Station Equipment		346,561	38	E36201	346,561
31	364.01 Poles,Towers & Fixtures		352,800	39	E36401	352,800
32	365.01 Overhead Conductors and Devices		370,600	40	E36501	370,600
33	366.01 Underground Conduits		214,109	41	E36601	214,109
34	367.01 Underground Conductors and Devices		367,555	42	E36701	367,555
35	368.01 Line Transformers		558,460	43	E36801	558,460
36	369.01 Services		82,547	44	E36901	82,547
37	370.01 Meters		57,760	45	E37001	57,760
38	370.02 Advanced Meters		-	1	DA	-
39	370.03 Automated Meters		26,717	46	E37003	26,717
40	373.01 Street Lighting and Signal Systems		233,182	47	E37301	233,182
41	373.02 Security Lighting		3,657	47	E37301	3,657
42	374.01 Security Lighting		-	1	DA	-
43	374.03 Asset Retirement Cost Dist Depreciation/Amortization		-	1	DA	-
44						
45	Subtotal		2,650,067			2,650,067
46						
47	**TOTAL INT, TRAN, DIST PLANT-ACCUM DEP.**	II-B-5	3,533,323			3,533,323
48	**TOTAL TRAN, DIST PLANT-ACCUM DEP.**	II-B-5	3,400,722			3,400,722
49						
50	**TOTAL INT, TRAN, DIST PLANT-NET**	II-B-1 - II-B-5	7,012,420			7,012,420
51	**TOTAL TRAN, DIST PLANT-NET**	II-B-1 - II-B-5	6,889,310			6,889,310

24								
25	**Distribution Plant**							
26	**Accumulated Depreciation**		II-B-5					
27	360.01	Land and Land Fees		-	-	-	-	-
28	360 02	Land and Land Rights		34	614	-	-	648
29	361.01	Structures and Improvements		12,281	23,190	-	-	35,471
30	362.01	Station Equipment		129,620	216,941	-	-	346,561
31	364.01	Poles,Towers & Fixtures		-	352,800	-	-	352,800
32	365.01	Overhead Conductors and Devices		-	370,600	-	-	370,600
33	366.01	Underground Conduits		-	214,109	-	-	214,109
34	367.01	Underground Conductors and Devices		-	367,555	-	-	367,555
35	368.01	Line Transformers		-	558,460	-	-	558,460
36	369.01	Services		-	82,547	-	-	82,547
37	370.01	Meters		-	-	57,760	-	57,760
38	370.02	Advanced Meters		-	-	-	-	-
39	370.03	Automated Meters		-	-	26,717	-	26,717
40	373.01	Street Lighting and Signal Systems		-	233,182	-	-	233,182
41	373.02	Security Lighting		-	3,657	-	-	3,657
42	374.01	Security Lighting		-	-	-	-	-
43	374.03	Asset Retirement Cost Dist Depreciation/Amortization		-	-	-	-	-
44								
45		Subtotal		141,934	2,423,656	84,477	-	2,650,067
46								
47	**TOTAL INT, TRAN, DIST PLANT-ACCUM DEP.**		II-B-5	881,409	2,480,565	136,160	35,189	3,533,323
48	**TOTAL TRAN, DIST PLANT-ACCUM DEP.**		II-B-5	879,084	2,437,161	84,477	-	3,400,722
49								
50	**TOTAL INT, TRAN, DIST PLANT-NET**		II-B-1 - II-B-5	2,607,481	4,218,639	153,630	32,670	7,012,420
51	**TOTAL TRAN, DIST PLANT-NET**		II-B-1 - II-B-5	2,605,322	4,178,342	105,646	-	6,889,310

General Plant		**II-B-5**			
Accumulated Depreciation					
389.01	Land and Land Fees		-	-	-
389.02	Land and Land Rights		37	-	(3)
390.01	Structures and Improvements		82,537	-	2,809
391.01	Office Furniture and Equipment		3,582	-	(417)
392.01	Transportation Equipment		44,410	-	4,835
393.01	Store Equipment		(183)	-	201
394.01	Tools, Shop and Garage Equipment		1,364	-	813
395.01	Laboratory Equipment		8,553	-	76
396.01	Power Operated Equipment		6,427	-	1,626
	Subtotal		146,727	-	9,940
397.01	Communication Equipment		164,853	-	(75,972)
397.02	Computer Equipment		75,403	-	(7,894)
398.01	Miscellaneous Equipment		2,120	-	341
399.11	Asset Retirement Cost Gen Plant		555	-	(555)
	Subtotal		242,931	-	(84,080)
RWIP	Salvage and Removal		(44,828)	-	-
	Subtotal		(44,828)	-	-
TOTAL ACCUM. DEP. FOR GENERAL PLANT		**II-B-5**	**344,830**	-	**(74,140)**
TOTAL GENERAL PLANT-NET (include. Comm Eq.)		**II-B-2 - II-B-5**	**696,155**	-	**8,227**
TOTAL PLANT IN SERVICE NET (INCL. INTANGIBLES)		**II-B-1-3 - II-B-5**	**7,699,538**	-	**17,264**
TOTAL PLANT IN SERVICE NET (EXCL. INTANGIBLES)		**II-B-1-3 - II-B-5**	**7,578,710**	-	**14,982**

52							
53	**General Plant**		**II-B-5**				
54	**Accumulated Depreciation**						
55	389.01	Land and Land Fees		-	1	DA	-
56	389.02	Land and Land Rights		34	50	E38902	34
57	390.01	Structures and Improvements		85,346	51	E39001	85,346
58	391.01	Office Furniture and Equipment		3,165	52	E39101	3,165
59	392.01	Transportation Equipment		49,245	53	E39201	49,245
60	393.01	Store Equipment		18	54	E39301	18
61	394.01	Tools, Shop and Garage Equipment		2,177	55	E39401	2,177
62	395.01	Laboratory Equipment		8,629	56	E39501	8,629
63	396.01	Power Operated Equipment		8,053	57	E39601	8,053
64							
65		Subtotal		156,667			156,667
66							
67	397.01	Communication Equipment		88,881	58	E39701	88,881
68	397.02	Computer Equipment		67,509	59	E39702	67,509
69	398.01	Miscellaneous Equipment		2,461	60	E39801	2,461
70	399.11	Asset Retirement Cost Gen Plant		-	1	DA	-
71							
72		Subtotal		158,851			158,851
73							
74	RWIP	Salvage and Removal		(44,828)	1	DA	(44,828)
75							
76		Subtotal		(44,828)			(44,828)
77							
78	**TOTAL ACCUM. DEP. FOR GENERAL PLANT**		**II-B-5**	**270,690**			**270,690**
79	**TOTAL GENERAL PLANT-NET (include. Comm Eq.)**		**II-B-2 - II-B-5**	**704,382**			**704,382**
80							
81	**TOTAL PLANT IN SERVICE NET (INCL. INTANGIBLES)**		**II-B-1-3 - II-B-5**	**7,716,802**			**7,716,802**
82							
83	**TOTAL PLANT IN SERVICE NET (EXCL. INTANGIBLES)**		**II-B-1-3 - II-B-5**	**7,593,692**			**7,593,692**

General Plant		II-B-5					
Accumulated Depreciation							
389.01	Land and Land Fees		-	-	-	-	-
389.02	Land and Land Rights		0	31	0	3	34
390.01	Structures and Improvements		10,604	73,181	966	595	85,346
391.01	Office Furniture and Equipment		250	2,234	28	653	3,165
392.01	Transportation Equipment		13,021	29,554	1,784	4,886	49,245
393.01	Store Equipment		5	12	0	-	18
394.01	Tools, Shop and Garage Equipment		17	2,134	26	-	2,177
395.01	Laboratory Equipment		-	1,510	6,825	294	8,629
396.01	Power Operated Equipment		3,745	2,895	58	1,354	8,053
	Subtotal		27,643	111,552	9,688	7,785	156,667
397.01	Communication Equipment		17,803	56,164	6,328	8,586	88,881
397.02	Computer Equipment		12,541	44,462	4,458	6,048	67,509
398.01	Miscellaneous Equipment		421	1,714	16	310	2,461
399.11	Asset Retirement Cost Gen Plant		-	-	-	-	-
	Subtotal		30,765	102,339	10,803	14,944	158,851
RWIP	Salvage and Removal		(33,087)	(11,741)	-	-	(44,828)
	Subtotal		(33,087)	(11,741)	-	-	(44,828)
TOTAL ACCUM. DEP. FOR GENERAL PLANT		II-B-5	25,320	202,150	20,490	22,729	270,690
TOTAL GENERAL PLANT-NET (include. Comm Eq.)		II-B-2 - II-B-5	151,010	467,900	38,590	46,882	704,382
TOTAL PLANT IN SERVICE NET (INCL. INTANGIBLES)		II-B-1-3 - II-B-5	2,758,491	4,686,539	192,220	79,553	7,716,802
TOTAL PLANT IN SERVICE NET (EXCL. INTANGIBLES)		II-B-1-3 - II-B-5	2,756,332	4,646,242	144,236	46,882	7,593,692

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WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
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DOCKET NUMBER PENDING ASSIGNMENT
II-B-6 RATE BASE ACC. - PLANT HELD FOR FUTURE USE

				1	2	3
Line No.	FERC Account	Description	Reference Schedule	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes
1	Other Rate Base Items					
2						
3	1050	Plant Held for Future Use	II-B-6	11,381	-	(10,260)
4						
5		Subtotal		11,381	-	(10,260)
6						
7	TOTAL PLANT HELD FOR FUTURE USE		II-B-6	11,381	-	(10,260)

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II-B-6 RATE BASE ACC. - PLANT HELD FOR FUTURE USE

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1	Other Rate Base Items						
2							
3	1050	Plant Held for Future Use	II-B-6	1,121	1	DA	1,121
4							
5		Subtotal		1,121			1,121
6							
7	TOTAL PLANT HELD FOR FUTURE USE		II-B-6	1,121			1,121

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TEST YEAR ENDED 12/31/2018
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II-B-6 RATE BASE ACC. - PLANT HELD FOR FUTURE USE

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Other Rate Base Items							
2								
3	1050	Plant Held for Future Use	II-B-6	189	826	48	59	1,121
4								
5		Subtotal		189	826	48	59	1,121
6								
7	TOTAL PLANT HELD FOR FUTURE USE		II-B-6	189	826	48	59	1,121

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WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
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II-B-7 RATE BASE ACCOUNTS - ACCUM. PROVISIONS

				1	2	3
Line No.	FERC Account	Description	Reference Schedule	Total Company	Non-Regulated or Non-Electric	Known and Measurable Changes
1		**Other Rate Base Items**				
2						
3		**Other Accumulated Provisions**				
4	2281	Property Insurance Reserve		5,830	-	(39)
5	2282	Injuries & Damages-Auto Liability		(797)	-	-
6	2282	Injuries & Damages-Gen Liability		(8,407)	-	-
7	2282	Injuries & Damages-Workers' Comp		(3,557)	-	-
8						
9		**Subtotal**		(6,931)	-	(39)
10						
11		**Accumulated Deferred Federal Income Taxes**				
12	1900	Deferred Income Tax-Federal		270,907	-	(99,526)
13	2820	Def Inc Taxes-Fed-Accel Depr		(1,086,782)	-	7,554
14	2830	Def Inc Taxes-Federal-Other		(206,261)	-	220,943
15						
16		**Subtotal**		(1,022,136)	-	128,971
17						
18		**TOTAL ACCUMULATED PROVISIONS**	II-B-7	(1,029,067)	-	128,932

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II-B-7 RATE BASE ACCOUNTS - ACCUM. PROVISIONS

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1		**Other Rate Base Items**					
2							
3		**Other Accumulated Provisions**					
4	2281	Property Insurance Reserve		5,791	3	DIST	5,791
5	2282	Injuries & Damages-Auto Liability		(797)	21	GPLT	(797)
6	2282	Injuries & Damages-Gen Liability		(8,407)	15	PLTSVC-N	(8,407)
7	2282	Injuries & Damages-Workers' Comp		(3,557)	12	PAYXAG	(3,557)
8							
9		**Subtotal**		(6,970)			(6,970)
10							
11		**Accumulated Deferred Federal Income Taxes**					
12	1900	Deferred Income Tax-Federal		171,381	1	DA	171,381
13	2820	Def Inc Taxes-Fed-Accel Depr		(1,079,228)	1	DA	(1,079,228)
14	2830	Def Inc Taxes-Federal-Other		14,682	1	DA	14,682
15							
16		**Subtotal**		(893,165)			(893,165)
17							
18		TOTAL ACCUMULATED PROVISIONS	II-B-7	(900,135)			(900,135)

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TEST YEAR ENDED 12/31/2018
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II-B-7 RATE BASE ACCOUNTS - ACCUM. PROVISIONS

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	**Other Rate Base Items**							
2								
3	**Other Accumulated Provisions**							
4	2281	Property Insurance Reserve		-	5,791	-	-	5,791
5	2282	Injuries & Damages-Auto Liability		(254)	(510)	(24)	(10)	(797)
6	2282	Injuries & Damages-Gen Liability		(3,005)	(5,106)	(209)	(87)	(8,407)
7	2282	Injuries & Damages-Workers' Comp		(705)	(2,623)	(7)	(222)	(3,557)
8								
9		Subtotal		(3,964)	(2,448)	(240)	(318)	(6,970)
10								
11	**Accumulated Deferred Federal Income Taxes**							
12	1900	Deferred Income Tax-Federal		52,975	110,886	4,797	2,723	171,382
13	2820	Def Inc Taxes-Fed-Accel Depr		(308,707)	(729,750)	(29,247)	(11,525)	(1,079,228)
14	2830	Def Inc Taxes-Federal-Other		6,069	7,161	(184)	1,635	14,681
15								
16		Subtotal		(249,663)	(611,703)	(24,633)	(7,166)	(893,165)
17								
18	**TOTAL ACCUMULATED PROVISIONS**		II-B-7	(253,626)	(614,151)	(24,874)	(7,485)	(900,135)

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TEST YEAR ENDED 12/31/2018
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II-B-8 RATE BASE ACC. - MATERIALS & SUPPLIES

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1		Other Rate Base Items				
2						
3		Working Capital-Material and Supplies				
4	1540	Materials and Supplies	II-B-8	109,057	-	-
5	1630	Undistributed M&S Expenses		671	-	-
6						
7		TOTAL MATERIALS & SUPPLIES	II-B-8	109,729	-	-

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
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II-B-8 RATE BASE ACC. - MATERIALS & SUPPLIES

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1		**Other Rate Base Items**					
2							
3		Working Capital-Material and Supplies					
4	1540	Materials and Supplies	II-B-8	109,057	1	DA	109,057
5	1630	Undistributed M&S Expenses		671	1	DA	671
6							
7		TOTAL MATERIALS & SUPPLIES	II-B-8	109,729			109,729

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CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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II-B-8 RATE BASE ACC. - MATERIALS & SUPPLIES

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1	Other Rate Base Items							
2								
3	Working Capital-Material and Supplies							
4	1540	Materials and Supplies	II-B-8	45,316	61,536	2,205	-	109,057
5	1630	Undistributed M&S Expenses		279	379	14	-	672
6								
7	TOTAL MATERIALS & SUPPLIES		II-B-8	45,595	61,915	2,219	-	109,728

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B-9 RATE BASE ACCOUNTS - CASH WORKING CAPITAL

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1		**Other Rate Base Items**				
2						
3		Working Capital-Cash	II-B-9			
4		Cash Working Capital				(46,714)
5						
6		O&M Expenses plus A&G Expenses	II-D-2	616,381		
7		Less: Material & Supplies expense		13,434		
8		Less: Prepaid amortization		19,930		
9				583,017		
10		% Allowance per P.U.C. SUBST R. 25.231(c)(2)(B)(iii)(I) *		12.5%		
11		One-Eighth of O&M Test		72,877	-	
12						
13		Allowance for Cash Working Capital		72,877	-	(46,714)
14						
15		**TOTAL CASH WORKING CAPITAL**	II-B-9	72,877	-	(46,714)
16						
17		**TOTAL CASH WORKING CAPITAL**	II-B-9	182,606	-	(46,714)

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WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
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II-B-9 RATE BASE ACCOUNTS - CASH WORKING CAPITAL

				4	5	6	7
Line No.	FERC Account	Description	Reference Schedule	Company Total Electric	FF #	Functionalization Factor Name	Allocation to Texas
1		**Other Rate Base Items**					
2							
3		Working Capital-Cash	II-B-9				
4		Cash Working Capital		26,163	8	OMAGXFP(565)	26,163
5							
6		O&M Expenses plus A&G Expenses	II-D-2				
7		Less: Material & Supplies expense					
8		Less. Prepaid amortization					
9							
10		% Allowance per P.U.C. SUBST. R 25.231(c)(2)(B)(iii)(I) *					
11		One-Eighth of O&M Test					26,163
12							
13		Allowance for Cash Working Capital		26,163			
14							
15		**TOTAL CASH WORKING CAPITAL**	II-B-9	26,163	-	-	26,163
16							
17		**TOTAL CASH WORKING CAPITAL**	II-B-9	135,892	-	-	135,892

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WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
TEST YEAR ENDED 12/31/2018
DOCKET NUMBER PENDING ASSIGNMENT
II-B-9 RATE BASE ACCOUNTS - CASH WORKING CAPITAL

				8	9	10	11	12
Line No.	FERC Account	Description	Reference Schedule	TRAN	DIST	MET	TDCS	Total
1		Other Rate Base Items						
2								
3		Working Capital-Cash	II-B-9					
4		Cash Working Capital		4,521	17,276	1,761	2,605	26,163
5								
6		O&M Expenses plus A&G Expenses	II-D-2					
7		Less: Material & Supplies expense						
8		Less: Prepaid amortization						
9								
10		% Allowance per P.U.C. SUBST. R. 25.231(c)(2)(B)(iii)(I) *						
11		One-Eighth of O&M Test		4,521	17,276	1,761	2,605	26,163
12								
13		Allowance for Cash Working Capital						
14								
15		TOTAL CASH WORKING CAPITAL	II-B-9	4,521	17,276	1,761	2,605	26,163
16								
17		TOTAL CASH WORKING CAPITAL	II-B-9	50,116	79,191	3,979	2,605	135,891

PUBLIC UTILITY COMMISSION OF TEXAS
CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
WP - II-I-1.2: FUNCTIONALIZED COST OF SERVICE
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II-B-10 RATE BASE ACCOUNTS - PREPAYMENTS

Line No.	FERC Account	Description	Reference Schedule	1 Total Company	2 Non-Regulated or Non-Electric	3 Known and Measurable Changes
1		**Other Rate Base Items**				
2						
3		Working Capital				
4		Prepayments	II-B-10			
5	1650	Prepay Insurance		5,946	-	-
6	1650	Other Taxes		5,309	-	-
7	1650	Prepay Other		2,927	-	(70)
8	1650	Executive Benefits		3,812	-	(3,812)
9	1650	Prepaid Pension Assets		-	-	176,268
10						
11		Subtotal		17,994	-	172,386
12						
13		TOTAL PREPAYMENTS	II-B-10	17,994	-	172,386
14						
15		WORKING CAPITAL TOTAL	II-B-8-10	200,600	-	125,671