

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-Item	Document No	Document Header Text	CoCode	Offst. Acct No.	Offst. Acct Name	Cost Obj. Name
6007	A	135388430	1700191376	0002	235935	SCOTTMADDEN INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6008	A	135558010	1700191877	0002	235935	SCOTTMADDEN INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6009	A	135838536	1700192418	0002	235935	SCOTTMADDEN INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6010	A	136078512	1700192952	0002	235935	SCOTTMADDEN INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6012	A	137495860	1700196027	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6013	A	137647417	1700196051	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6014	A	137740877	1700196286	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6015	A	138202548	1700197098	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6016	A	138470867	1700197440	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6017	A	138793254	1700198005	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6018	A	138939968	1700198572	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6019	A	139142535	1700198960	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6020	A	139157859	1700199041	0002	111795	PRICEWATERHOUSECOOPERS LLP	Finance to CEHE-TDU Rate Case 2019-2020
6022	A	139436337	1700199530	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6023	A	139676348	1700199813	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6024	A	139961448	1700200238	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6025	A	140249676	1700200828	0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6026	A	140291287	1700200677	0002	111795	PRICEWATERHOUSECOOPERS LLP	Finance to CEHE-TDU Rate Case 2019-2020
6031	A	138579349	2019-2020-Rate Case Expen	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6033	A	138820319	2019-2020-Rate Case Expen	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6034	A	138963233	2019-2020-Rate Case Expen	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6035	A	139389626	2019-2020-Rate Case Expen	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6036	A	139643892	2019-2020-Rate Case Expen	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	A	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	B	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	D	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	-	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	C	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6037	E	141303031	9F4E0EA9A88C4F58AF4E	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6038	B	141303033	A1E78FF8B8AA4D5FA44D	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6038	A	141303033	A1E78FF8B8AA4D5FA44D	0002	535016	One Pay Card	Legal to 2019 CEHE Rate Case - CAP
6039	A	140591545	36036961A3D5417486CC	0002	535016	One Pay Card	Reg to CEHE-TDU Rate Case 2019-2020- Def
6040	A	141046458	867DF07483D246D8BE5C	0002	535016	One Pay Card	Finance to CEHE-TDU Rate Case 2019-2020
6041	A	140541490		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6042	A	140835800		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6043	A	141179157		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def

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Item	Sub-item	Document No	Cost Element Descr.	Invoice	Category	Type	Description/Vendor	Adjustments
6007	A	135388430	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	SCOTTMADDEN INC	
6008	A	135558010	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	SCOTTMADDEN INC	
6009	A	135838536	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	SCOTTMADDEN INC	
6010	A	136078512	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	SCOTTMADDEN INC	
6012	A	137495860	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6013	A	137647417	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6014	A	137740877	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6015	A	138202548	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6016	A	138470867	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6017	A	138793254	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6018	A	138939968	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	15
6019	A	139142535	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	10
6020	A	139157859	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Accounting	PRICEWATERHOUSECOOPERS LLP	851
6022	A	139436337	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6023	A	139676348	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6024	A	139961448	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6025	A	140249676	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6026	A	140291287	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Accounting	PRICEWATERHOUSECOOPERS LLP	876
6031	A	138579349	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6033	A	138820319	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6034	A	138963233	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6035	A	139389626	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6036	A	139643892	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	C	141303031	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6037	A	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	B	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	D	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	-	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	C	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	C	141303031	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6037	E	141303031	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6038	B	141303033	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6038	A	141303033	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6039	A	140591545	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	33.56
6040	A	141046458	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6041	A	140541490	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6042	A	140835800	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	10
6043	A	141179157	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	

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Item	Sub-item	Document No	Doc Type	Cost Elem.	Cost Element Name	FERC	Postg Date	Year	Per	Amount	Vendor (Name)	Order
6045	A	141237033	KN	543010	Prof Serv-Ded	9230	9/21/2018	2018	9	154,633.00		11040160
6046	A	140543841	LG	543150	Legal Services	9230	7/12/2018	2018	7	18,135.17		11036963
6047	A	140543844	LG	543150	Legal Services	9230	7/12/2018	2018	7	5,472.50		11036963
6048	A	140871390	LG	543150	Legal Services	9230	8/14/2018	2018	8	5,450.50		11036963
6049	A	140929613	LG	543150	Legal Services	9230	8/21/2018	2018	8	1,529.00		11036963
6050	A	140929615	LG	543150	Legal Services	9230	8/21/2018	2018	8	278.00		11036963
6051	A	141126134	LG	543150	Legal Services	9230	9/6/2018	2018	9	11,151.90		11036963
6052	A	141126186	LG	543150	Legal Services	9230	9/6/2018	2018	9	955.50		11036963
6053	A	141172848	LG	543150	Legal Services	9230	9/12/2018	2018	9	5,062.70		11036963
6054	A	141172861	LG	543150	Legal Services	9230	9/12/2018	2018	9	17,577.20		11036963
6055	A	141282787	LG	543150	Legal Services	9230	9/24/2018	2018	9	695.00		11036963
6056	A	140626085	LG	543150	Legal Services	9230	7/23/2018	2018	7	120.00		11037046
6057	A	140889111	LS	545120	Temp Manpower Svc	9210	8/12/2018	2018	8	980.10	* 33.00 08/05/2018 P EBONI	11040160
6057	A	140928292	LS	545120	Temp Manpower Svc	9210	8/19/2018	2018	8	1,188.00	* 40.00 08/12/2018 P EBONI	11040160
6057	A	141062659	LS	545120	Temp Manpower Svc	9210	8/26/2018	2018	8	1,188.00	* 40.00 08/19/2018 P EBONI	11040160
6057	A	141118250	LS	545120	Temp Manpower Svc	9210	9/2/2018	2018	9	1,165.73	* 39.25 08/26/2018 P EBONI	11040160
6057	A	141172380	LS	545120	Temp Manpower Svc	9210	9/9/2018	2018	9	1,158.31	* 39.00 09/02/2018 P EBONI	11040160
6057	A	141231536	LS	545120	Temp Manpower Svc	9210	9/16/2018	2018	9	972.68	* 32.75 09/09/2018 P EBONI	11040160
6057	A	141330962	LS	545120	Temp Manpower Svc	9210	9/23/2018	2018	9	965.26	* 32.50 09/16/2018 P EBONI	11040160
6058	A	141426853	ER	522060	Business Meals	9210	10/8/2018	2018	10	19.29	55432868262200085703446/TREEBEARDS - TUNNEL/201809	11036963
6058	B	141426853	ER	522080	Park/In-town Travel	9210	10/8/2018	2018	10	185.30	Out-of-pocket PETERSIII PATRICK	11036963
6059	A	141873847	ER	522080	Park/In-town Travel	9210	11/20/2018	2018	11	89.92	Out-of-pocket PETERSIII PATRICK	11036963
6060	A	141405238	ER	522010	Employee Travel	9210	10/4/2018	2018	10	25.78	55436878262172624904881/DOUBLETREE HOTELS/20180918	11037046
6060	B	141405238	ER	522010	Employee Travel	9210	10/4/2018	2018	10	171.84	55436878262172624904881/DOUBLETREE HOTELS/20180918	11037046
6060	C	141405238	ER	522010	Employee Travel	9210	10/4/2018	2018	10	3.44	55436878262172624904881/DOUBLETREE HOTELS/20180918	11037046
		141849910	ER	522060	Business Meals	9210	11/16/2018	2018	11	183.73	85179248301980005416011/COMPLEAT CUISINE/20181026	11037046
6061	A	141873853	ER	522060	Business Meals	9210	11/20/2018	2018	11	166.75	05314618314600231664852/RUSSOS NEW YORK PIZZER/201	11037046
6062	A	142082683	ER	522060	Business Meals	9210	12/11/2018	2018	12	106.76	25247808323004397132165/ALONTI CAFE & CATERING/201	11037046
6063	A	142165574	ER	522060	Business Meals	9210	12/20/2018	2018	12	186.39	85179248343980005416029/COMPLEAT CUISINE/20181207	11037046
6064	A	141405238	ER	522080	Park/In-town Travel	9210	10/4/2018	2018	10	293.76	Out-of-pocket TROXLE MATTHEW	11037046
6065	A	142116023	ER	522080	Park/In-town Travel	9210	12/14/2018	2018	12	194.02	Out-of-pocket ZERWAS REBECCA	11037046
6066	A	142116093	ER	522080	Park/In-town Travel	9210	12/14/2018	2018	12	194.02	Out-of-pocket ZERWAS REBECCA	11037046
6067	A	141677356	ER	522060	Business Meals	9210	10/30/2018	2018	10	130.64	55457028277200688201438/POST OAK GRILL DT/20181003	11040161
6068	A	141371545	KN	543010	Prof Serv-Ded	9230	10/1/2018	2018	10	10,175.00	Professional services for 08/2018	11037046
6090	A	141535336	KN	543010	Prof Serv-Ded	9230	10/18/2018	2018	10	8,472.50	CEHE 2019 Rate Case - Depreciation Study	11037046
6070	A	141749838	KN	543010	Prof Serv-Ded	9230	11/6/2018	2018	11	885.00	Professional services for 09/2018	11037046
6071	A	141831133	KN	543010	Prof Serv-Ded	9230	11/14/2018	2018	11	1,430.00	invoice# Alliance181003	11037046
6072	A	142022850	KN	543010	Prof Serv-Ded	9230	12/4/2018	2018	12	4,975.00	Invoice #0011733	11037046
6073	A	142078054	KN	543010	Prof Serv-Ded	9230	12/10/2018	2018	12	10,195.00	CEHE 2019 Lead Laga Study and CWC Testimony	11037046
6074	A	142111113	KN	543010	Prof Serv-Ded	9230	12/13/2018	2018	12	4,620.00	CNP Depreciation Study 2018	11037046
6075	A	141405597	LS	545120	Temp Manpower Svc	9210	10/4/2018	2018	10	1,188.02	* 40.00 09/23/2018 P EBONI	11040160
6075	B	141471750	LS	545120	Temp Manpower Svc	9210	10/7/2018	2018	10	1,188.00	* 40.00 09/30/2018 P EBONI	11040160
6075	C	141535282	LS	545120	Temp Manpower Svc	9210	10/14/2018	2018	10	831.60	* 28.00 10/07/2018 P EBONI	11040160

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 TEST YEAR ENDED 12/31/2018

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6045	A	141237033		0002	111795	PRICEWATERHOUSECOOPERS LLP	Finance to CEHE-TDU Rate Case 2019-2020
6046	A	140543841	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6047	A	140543844	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6048	A	140871390	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6049	A	140929613	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6050	A	140929615	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6051	A	141126134	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6052	A	141126186	2019 CEHE Rate Case Expen	0002	224267	PARSLEY COFFIN RENNER LLP	Legal to 2019 CEHE Rate Case - CAP
6053	A	141172848	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6054	A	141172861	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6055	A	141282787	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6056	A	140626085	Regulatory to CEHE-TDU Ra	0002	101390	BAKER BOTTS LLP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6057	A	140889111	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	140928292	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	141062659	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	141118250	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	141172380	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	141231536	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6057	A	141330962	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6058	A	141426853	036C6AE9680E43539615	0002	523000	Empl Reimburs/Deduct	Legal to 2019 CEHE Rate Case - CAP
6058	B	141426853	036C6AE9680E43539615	0002	523000	Empl Reimburs/Deduct	Legal to 2019 CEHE Rate Case - CAP
6059	A	141873847	518EDC22A7F54D639276	0002	523000	Empl Reimburs/Deduct	Legal to 2019 CEHE Rate Case - CAP
6060	A	141405238	E4E8DE93AAE34F9CA408	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
6060	B	141405238	E4E8DE93AAE34F9CA408	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
6060	C	141405238	E4E8DE93AAE34F9CA408	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
		141849910	B9E412AEE1C9459C88CB	0002	535016	One Pay Card	Reg to CEHE-TDU Rate Case 2019-2020- Def
6061	A	141873853	5987DF265274045BD3D	0002	535016	One Pay Card	Reg to CEHE-TDU Rate Case 2019-2020- Def
6062	A	142082683	4C26355CDC214B94ABA0	0002	535016	One Pay Card	Reg to CEHE-TDU Rate Case 2019-2020- Def
6063	A	142165574	EDAE6325BEB346EB9A68	0002	535016	One Pay Card	Reg to CEHE-TDU Rate Case 2019-2020- Def
6064	A	141405238	E4E8DE93AAE34F9CA408	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
6065	A	142116023	A2BF434047FE4ED4901B	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
6066	A	142116093	FBF5EC04A1CD451CA5B5	0002	523000	Empl Reimburs/Deduct	Reg to CEHE-TDU Rate Case 2019-2020- Def
6067	A	141677356	B8A4CE65D8914EP9A5FD	0002	535016	One Pay Card	Finance to CEHE-TDU Rate Case Overtime C
6068	A	141371545		0002	218362	CONCENTRIC ENERGY ADVISORS INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6090	A	141535336		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6070	A	141749838		0002	218362	CONCENTRIC ENERGY ADVISORS INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6071	A	141831133		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6072	A	142022850		0002	218362	CONCENTRIC ENERGY ADVISORS INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6073	A	142078054		0002	235935	SCOTTMADDEN INC	Reg to CEHE-TDU Rate Case 2019-2020- Def
6074	A	142111113		0002	215561	MAC CONSULTING LP	Reg to CEHE-TDU Rate Case 2019-2020- Def
6075	A	141405597	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	B	141471750	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	C	141535282	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020

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Item	Sub-Item	Document No	Cost Element Descr.	Invoice	Category	Type	Description/Vendor	Adjustments
6045	A	141237033	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Accounting	PRICEWATERHOUSECOOPERS LLP	905
6046	A	140543841	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6047	A	140543844	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6048	A	140871390	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6049	A	140929613	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6050	A	140929615	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6051	A	141126134	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6052	A	141126186	Contr&Svcs Exp-Legal Services		Consultants	Legal	PARSLEY COFFIN RENNER LLP	
6053	A	141172848	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6054	A	141172861	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6055	A	141282787	Contr&Svcs Exp-Legal Services		Consultants	Legal	REED SMITH LLP	
6056	A	140626085	Contr&Svcs Exp-Legal Services		Consultants	Legal	BAKER BOTTS LLP	
6057	A	140889111	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	140928292	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	141062659	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	141118250	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	141172380	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	141231536	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6057	A	141330962	Contr&Svcs Exp-Temp Manpower Svcs		Company	Other	ADECCO USA INC	
6058	A	141426853	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6058	B	141426853	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6059	A	141873847	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6060	A	141405238	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6060	B	141405238	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
6060	C	141405238	Employ Rel Exp-Employee Travel		Company	Employee	Employee Travel	
		141849910	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6061	A	141873853	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6062	A	142082683	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6063	A	142165574	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6064	A	141405238	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6065	A	142116023	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6066	A	142116093	Employ Rel Exp-Park/In-town Travel		Company	Employee	Park/In-town Travel	
6067	A	141677356	Employ Rel Exp-Bus Meals		Company	Employee	Business Meals	
6068	A	141371545	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	CONCENTRIC ENERGY ADVISORS INC	
6090	A	141535336	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6070	A	141749838	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	CONCENTRIC ENERGY ADVISORS INC	
6071	A	141831133	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6072	A	142022850	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	CONCENTRIC ENERGY ADVISORS INC	
6073	A	142078054	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	SCOTTMADDEN INC	
6074	A	142111113	Contr&Svcs Exp-Prof Svcs-Ded		Consultants	Other	MAC CONSULTING LP	
6075	A	141405597	Contr&Svcs Exp-Temp Manpower Svcs	1700202826	Company	Other	ADECCO USA INC	
6075	B	141471750	Contr&Svcs Exp-Temp Manpower Svcs	1700202924	Company	Other	ADECCO USA INC	
6075	C	141535282	Contr&Svcs Exp-Temp Manpower Svcs	1700203110	Company	Other	ADECCO USA INC	

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-item	Document No	Doc Type	Cost Elem.	Cost Element Name	FERC	Postg Date	Year	Per	Amount	Vendor (Name)	Order
6075	D	141625320	LS	545120	Temp Manpower Svc	9210	10/21/2018	2018	10	1,188.01	* 40.00 10/14/2018 P EBONI	11040160
6075	E	141707089	LS	545120	Temp Manpower Svc	9210	11/1/2018	2018	11	950.41	* 32.00 10/21/2018 P EBONI	11040160
6075	F	141777302	LS	545120	Temp Manpower Svc	9210	11/4/2018	2018	11	1,188.01	* 40.00 10/28/2018 P EBONI	11040160
6075	G	141837998	LS	545120	Temp Manpower Svc	9210	11/11/2018	2018	11	1,136.03	* 38.25 11/04/2018 P EBONI	11040160
6075	H	141979917	LS	545120	Temp Manpower Svc	9210	11/25/2018	2018	11	1,069.22	* 36.00 11/11/2018 P EBONI	11040160
6075	I	142047777	LS	545120	Temp Manpower Svc	9210	12/2/2018	2018	12	712.80	* 24.00 11/25/2018 P EBONI	11040160
6075	J	142101769	LS	545120	Temp Manpower Svc	9210	12/9/2018	2018	12	1,188.01	* 40.00 12/02/2018 P EBONI	11040160
6075	K	142163112	LS	545120	Temp Manpower Svc	9210	12/16/2018	2018	12	1,136.04	* 38.25 12/09/2018 P EBONI	11040160
6075	L	142226470	LS	545120	Temp Manpower Svc	9210	12/23/2018	2018	12	1,188.01	* 40.00 12/16/2018 P EBONI	11040160
6076	A	141388620	LG	543150	Legal Services	9230	10/2/2018	2018	10	707.00		11036963
6077	A	141585897	LG	543150	Legal Services	9230	10/24/2018	2018	10	2,730.00		11036963
6078	A	141728248	LG	543150	Legal Services	9230	11/2/2018	2018	11	6,489.00		11036963
6079	A	141784350	LG	543150	Legal Services	9230	11/8/2018	2018	11	387.00		11036963
6080	A	141892478	LG	543150	Legal Services	9230	11/21/2018	2018	11	139.00		11036963
6081	A	142043611	LG	543150	Legal Services	9230	12/5/2018	2018	12	25,925.00		11036963
6082	A	142043677	LG	543150	Legal Services	9230	12/5/2018	2018	12	10,362.98		11036963
6083	A	142066658	LG	543150	Legal Services	9230	12/7/2018	2018	12	49,684.20		11036963
6084	A	142170978	LG	543150	Legal Services	9230	12/20/2018	2018	12	5,182.00		11036963
-		617252850		643004	Billable Hours	9220	11/14/2018	2018	11	-		11040161
-		617252851		643004	Billable Hours	9220	11/14/2018	2018	11	-		11040161
6087	A	615830459		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830460		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830461		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830496		643017	Billable Governance	9220	10/2/2018	2018	10	753.86		11040161
6087	A	615830497		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830498		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830499		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830500		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830501		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830502		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830503		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830504		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830505		643017	Billable Governance	9220	10/2/2018	2018	10	753.86		11040161
6087	A	615830506		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830507		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830508		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	615830509		643017	Billable Governance	9220	10/2/2018	2018	10	848.09		11040161
6087	A	617252797		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252798		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252829		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252830		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252831		643017	Billable Governance	9220	11/14/2018	2018	11	753.86		11040161
6087	A	617252832		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-item	Document No	Document Header Text	CoCode	Offst. Acct No.	Offst. Acct Name	Cost Obj. Name
6075	D	141625320	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	E	141707089	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	F	141777302	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	G	141837998	TRAN KIM	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	H	141979917	HEARIN KAREN	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	I	142047777	HEARIN KAREN	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	J	142101769	HEARIN KAREN	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	K	142163112	HEARIN KAREN	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6075	L	142226470	HEARIN KAREN	0002	232281	ADECCO USA INC	Finance to CEHE-TDU Rate Case 2019-2020
6076	A	141388620	2019 CEHE Rate Case Expen	0002	224267	PARSLEY COFFIN RENNER LLP	Legal to 2019 CEHE Rate Case - CAP
6077	A	141585897	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6078	A	141728248	2019 CEHE Rate Case Expen	0002	224267	PARSLEY COFFIN RENNER LLP	Legal to 2019 CEHE Rate Case - CAP
6079	A	141784350	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6080	A	141892478	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
6081	A	142043611	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6082	A	142043677	2019 CEHE Rate Case Expen	0002	224267	PARSLEY COFFIN RENNER LLP	Legal to 2019 CEHE Rate Case - CAP
6083	A	142066658	2019 CEHE Rate Case Expen	0002	101390	BAKER BOTTS LLP	Legal to 2019 CEHE Rate Case - CAP
6084	A	142170978	2019 CEHE Rate Case Expen	0002	164187	REED SMITH LLP	Legal to 2019 CEHE Rate Case - CAP
--		617252850		0002			Finance to CEHE-TDU Rate Case Overtime C
--		617252851		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830459		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830460		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830461		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830496		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830497		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830498		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830499		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830500		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830501		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830502		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830503		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830504		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830505		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830506		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830507		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830508		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	615830509		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252797		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252798		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252829		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252830		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252831		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252832		0002			Finance to CEHE-TDU Rate Case Overtime C

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-item	Document No	Cost Element Descr.	Invoice	Category	Type	Description/Vendor	Adjustments
6075	D	141625320	Contr&Svcs Exp-Temp Manpower Svcs	1700203288	Company	Other	ADECCO USA INC	
6075	E	141707089	Contr&Svcs Exp-Temp Manpower Svcs	1700203452	Company	Other	ADECCO USA INC	
6075	F	141777302	Contr&Svcs Exp-Temp Manpower Svcs	1700203617	Company	Other	ADECCO USA INC	
6075	G	141837998	Contr&Svcs Exp-Temp Manpower Svcs	1700203745	Company	Other	ADECCO USA INC	
6075	H	141979917	Contr&Svcs Exp-Temp Manpower Svcs	1700203966	Company	Other	ADECCO USA INC	
6075	I	142047777	Contr&Svcs Exp-Temp Manpower Svcs	1700204025	Company	Other	ADECCO USA INC	
6075	J	142101769	Contr&Svcs Exp-Temp Manpower Svcs	1700204293	Company	Other	ADECCO USA INC	
6075	K	142163112	Contr&Svcs Exp-Temp Manpower Svcs	1700204486	Company	Other	ADECCO USA INC	
6075	L	142226470	Contr&Svcs Exp-Temp Manpower Svcs	1700204546	Company	Other	ADECCO USA INC	
6076	A	141388620	Contr&Svcs Exp-Legal Services	7061	Consultants	Legal	PARSLEY COFFIN RENNER LLP	
6077	A	141585897	Contr&Svcs Exp-Legal Services	3070252	Consultants	Legal	REED SMITH LLP	
6078	A	141728248	Contr&Svcs Exp-Legal Services	7093	Consultants	Legal	PARSLEY COFFIN RENNER LLP	
6079	A	141784350	Contr&Svcs Exp-Legal Services	1613795	Consultants	Legal	BAKER BOTTS LLP	
6080	A	141892478	Contr&Svcs Exp-Legal Services	3081260	Consultants	Legal	REED SMITH LLP	
6081	A	142043611	Contr&Svcs Exp-Legal Services	1617588	Consultants	Legal	BAKER BOTTS LLP	
6082	A	142043677	Contr&Svcs Exp-Legal Services	7123	Consultants	Legal	PARSLEY COFFIN RENNER LLP	
6083	A	142066658	Contr&Svcs Exp-Legal Services	1622488	Consultants	Legal	BAKER BOTTS LLP	1048.8
6084	A	142170978	Contr&Svcs Exp-Legal Services	3091402	Consultants	Legal	REED SMITH LLP	
-		617252850	Billable Hours		Company	Employee	Billable Hours	
-		617252851	Billable Hours		Company	Employee	Billable Hours	
6087	A	615830459	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830460	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830461	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830496	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830497	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830498	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830499	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830500	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830501	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830502	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830503	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830504	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830505	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830506	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830507	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830508	Billable Governance		Company	Employee	Billable Governance	
6087	A	615830509	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252797	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252798	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252829	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252830	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252831	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252832	Billable Governance		Company	Employee	Billable Governance	

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source SAP Detail

Item	Sub-item	Document No	Doc Type	Cost Elem.	Cost Element Name	FERC	Postg Date	Year	Per	Amount	Vendor (Name)	Order
6087	A	617252833		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252834		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252835		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252836		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252837		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252838		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252839		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252840		643017	Billable Governance	9220	11/14/2018	2018	11	753.86		11040161
6087	A	617252841		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252842		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252843		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252844		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252845		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252846		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252847		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252848		643017	Billable Governance	9220	11/14/2018	2018	11	848.09		11040161
6087	A	617252849		643017	Billable Governance	9220	11/14/2018	2018	11	753.86		11040161
6088	A	141845897	WE	543010	Prof Serv-Ded	1823	11/15/2018	2018	11	22,012.90		13091323
6089	A	142057570	WE	543010	Prof Serv-Ded	1823	12/6/2018	2018	12	11,939.20		13091323
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	21,455.00	Baker Botts LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	40,102.00	Coffin Renner LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	47,118.98	Coffin Renner LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	48,000.00	Coffin Renner LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	3,860.00	Reed Smith LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	2,000.00	Reed Smith LLP	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	1,215.00	Winstead PC	11036963
Legal Accruals		142284470	AC	543150	Legal Services	9230	12/31/2018	2018	12	1,296.00	Winstead PC	11036963
										932,125.40	Total Rate Case Expense	
										3,749.36	Less Adjustments	
										<u>928,376.04</u>		

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-item	Document No	Document Header Text	CoCode	Offst. Acct No.	Offst. Acct Name	Cost Obj. Name
6087	A	617252833		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252834		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252835		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252836		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252837		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252838		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252839		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252840		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252841		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252842		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252843		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252844		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252845		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252846		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252847		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252848		0002			Finance to CEHE-TDU Rate Case Overtime C
6087	A	617252849		0002			Finance to CEHE-TDU Rate Case Overtime C
6088	A	141845897		0003	213999	A/P-Gds Rec/Inv Rec	TDU Rate Case - 2019
6089	A	142057570		0003	213999	A/P-Gds Rec/Inv Rec	TDU Rate Case - 2019
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP
Legal Accruals		142284470	December 2018 Legal Depar	0002	213994	A/P-Accrued Liab	Legal to 2019 CEHE Rate Case - CAP

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

2019 Rate Case Expenses
 As of 12/31/2018
 Source: SAP Detail

Item	Sub-item	Document No	Cost Element Descr.	Invoice	Category	Type	Description/Vendor	Adjustments
6087	A	617252833	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252834	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252835	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252836	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252837	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252838	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252839	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252840	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252841	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252842	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252843	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252844	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252845	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252846	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252847	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252848	Billable Governance		Company	Employee	Billable Governance	
6087	A	617252849	Billable Governance		Company	Employee	Billable Governance	
6088	A	141845897	Contr&Svcs Exp-Prof Svcs-Ded	4506206544	Company	Other	A/P-Gds Rec/Inv Rec	
6089	A	142057570	Contr&Svcs Exp-Prof Svcs-Ded	4506231276	Company	Other	A/P-Gds Rec/Inv Rec	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
Legal Accruals		142284470	Contr&Svcs Exp-Legal Services		Consultants	Legal	A/P-Accrued Liab	
								3,749.36

Consultants	Other	35
Consultants	Accounting	2632
Consultants	Legal	1048.8
Company	Employee	33.56
		<u>3749.36</u>

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

CEHE 2019 Rate Case Expenses - Estimated

Name	Topic	Total Estimated (1)		
Consultants:				
Dane Watson - Alliance Consulting Group	Depreciation/Cost of Removal Study	\$ 150,000	Accounting	
Robert Hevert - ScottMadden, Inc.	Capital Structure/ROE	\$ 100,000	Accounting	
Tim Lyons - ScottMadden, Inc.	Cash Working Capital (Lead Lag Study)	\$ 100,000	Accounting	
Greg Wilson - Ellis & Lewis	Storm Reserve/Insurance	\$ 75,000	Accounting	
PwC	RFP Schedules, Tax, and other related items	\$ 1,172,500	Accounting	
Scott McMenamin - Itron	Weather Adjustment	\$ 100,000	Other	
John Reed - Concentric Energy Advisors, Inc.	Incentive Compensation Policy	\$ 150,000	Other	
Myles Reynolds - Hunton Andrews Kurth LLP	Rate Case Expenses review	\$ 100,000	Legal	
Subtotal - Consultants		<u>\$ 1,947,500</u>		
Internal Costs (2)		\$ 300,000	Employee	
Legal (3):		\$ 5,000,000	Legal	
Municipal Rate Case Reimbursement (4)		\$ 2,000,000	Intervenor	
Total Estimated CEHE 2019 Rate Case Expenses		<u><u>\$ 9,247,500</u></u>		

Consultant Expenses		
Accounting	\$ 1,597,500	
Engineering	0	
Legal	\$ 5,100,000	
Other	\$ 250,000	
Company Expenses		
Employee	\$ 300,000	
Other	0	
Intervenor Expenses		
Municipal RC Reimbursement	\$ 2,000,000	
Total Adjustment	<u><u>\$ 9,247,500</u></u>	

Notes

- (1) Total estimated represents amount for all costs expected through completion of case. Amounts are subject to final review and approval.
- (2) Internal Expenses includes:
 Employee Expenses – airfare, mileage, meals, lodging, parking, etc.
 Non-exempt labor - overtime
 Other – includes case processing costs such as notices, reproduction costs, courier, office supplies, etc.
 Internal costs approved in D38339 totalled \$182,853.08. An estimate of \$300k for this case is projected.
- (3) Legal costs include amounts for the case including possible appeal costs. In D38339, the amount of legal incurred through November 2010 and approved was \$4,191,545.50. An estimate of \$5M for this case is projected.
- (4) In D38339, the city coalition approved rate case expenses totalled \$1,914,254.02. An estimate of \$2M for CEHE 2019 case is projected.
- | | |
|----------|----------------|
| COH/HCOG | \$1,322,943.10 |
| GCCC | \$ 426,646.88 |
| TCUC | \$ 164,664.04 |

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

WORKPAPER WP/II-E-5 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	Total Company	Adjustments and Know					
			WP II-E-5.1 Adj 1 EECRF & EE Bonus	WP II-E-5.1 Adj 2 AMS	WP II-E-5.1 Adj 3 TCRF	WP II-E-5 1 Adj 4 DCRF	WP II-E-5.1 Adj 5 TCJA	WP II-E-5 1 Adj 6 System Restoration & Other Bond Companies
Other Revenues:								
Non-Electric Revenue								
4211	Gain On Disp of Prop	(1,796,356)						
4500	Forfeited Discount	996,159						
4510	Misc Service Revenue	23,778,102						
4540	Rent from Property	31,985,418						
4560	Other Electric Revenue	80,662,961	5,344,917	(31,541,119)	16,619,590	(28,283,367)	23,381,669	(66,144,482)
4561	Revenues from Transmission of Electricity of Others	281,062,774						
Subtotal		416,689,057	5,344,917	(31,541,119)	16,619,590	(28,283,367)	23,381,669	(66,144,482)

Adjustment Description

Adjustment	Description
WP II-E-5.1 Adj 1	Adjustment to exclude EECRF & EE Bonus
WP II-E-5.1 Adj 2	Adjustment due to AMS
WP II-E-5 1 Adj 3	Adjustment due to TCRF
WP II-E-5.1 Adj 4	Adjustment due to DCRF
WP II-E-5.1 Adj 5	Adjustment due to TCJA
WP II-E-5 1 Adj 6	Adjustment due to System Restoration & Other Bond Companies
WP II-E-5.1 Adj 7	Adjustment to exlude revenues from Transmission of Electricity of Others
WP II-E-5.1 Adj 8	Adjustment due to Bad Debt Retail Electric Provider (REP)
WP II-E-5 1 Adj 9	Adjustment to exclude loss on non utility sale of property
WP II-E-5.1 Adj 10	Adjustment to exclude CNPs portion of the 50% loss on sale of property
WP II-E-5 1 Adj 11	Adjustment to include discretionary revenue - See support on IV-J-2-A

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

WORKPAPER WP/II-E-5 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	n Changes					Total Known Changes	Company Total Electric
		WP II-E-5.1 Adj 7 Transmission Of Electricity of Others	WP II-E-5.1 Adj 8 Bad Debt REP	WP II-E-5.1 Adj 9 Non Utility Property Loss	WP II-E-5.1 Adj 10 CNP Portion of 50% Loss on Sale	WP II-E-5 1 Adj 11 Discretionary Revenue		
4211	Gain On Disp of Prop			332,743	732,057		1,064,799	(731,557)
4500	Forfeited Discount						-	996,159
4510	Misc Service Revenue		(1,058,255)			11,081,947	10,023,692	33,801,794
4540	Rent from Property						-	31,985,418
4560	Other Electric Revenue						(80,622,791)	40,169
4561	Revenues from Transmission of Electricity of Others	(281,062,774)					(281,062,774)	-
Subtotal		(281,062,774)	(1,058,255)	332,743	732,057	11,081,947	(350,597,074)	66,091,983

Adjustment Description

Adjustment	Description
WP II-E-5.1 Adj 1	Adjustment to exclude EECRF & EE Bonus
WP II-E-5.1 Adj 2	Adjustment due to AMS
WP II-E-5.1 Adj 3	Adjustment due to TCRF
WP II-E-5.1 Adj 4	Adjustment due to DCRF
WP II-E-5.1 Adj 5	Adjustment due to TCJA
WP II-E-5.1 Adj 6	Adjustment due to System Restoration & Other Bond Companies
WP II-E-5.1 Adj 7	Adjustment to exclude revenues from Transmission of Electricity of Others
WP II-E-5.1 Adj 8	Adjustment due to Bad Debt Retail Electric Provider (REP)
WP II-E-5.1 Adj 9	Adjustment to exclude loss on non utility sale of property
WP II-E-5.1 Adj 10	Adjustment to exclude CNPs portion of the 50% loss on sale of property
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2019 RATE CASE
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
 TEST YEAR ENDED 12/31/2018

WORKPAPER WP/II-E-5 - ADJUSTMENTS AND KNOWN CHANGES

FERC Account	Description	FF #	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MET	TDCS	Total	
Other Revenues:										
Non-Electric Revenue										
4211	Gain On Disp of Prop	2	TRAN	(731,557)	(731,557)				(731,557)	
4500	Forfeited Discount	1	DA	996,159	-	996,159	-	-	996,159	
4510	Misc. Service Revenue	1	DA	33,801,794	14,109,133	19,604,653	88,008	-	33,801,794	
4540	Rent from Property	1	DA	31,985,418	22,898,245	9,087,173	-	-	31,985,418	
4560	Other Electric Revenue	1	DA	40,169	40,169	-	-	-	40,169	
4561	Revenues from Transmission of Electricity of Others	1	DA	-	-	-	-	-	-	
Subtotal				-	66,091,983	36,315,991	29,687,984	88,008	-	66,091,983

Adjustment Description

Adjustment	Description
WP II-E-5.1 Adj 1	Adjustment to exclude EECRF & EE Bonus
WP II-E-5 1 Adj 2	Adjustment due to AMS
WP II-E-5 1 Adj 3	Adjustment due to TCRF
WP II-E-5 1 Adj 4	Adjustment due to DCRF
WP II-E-5 1 Adj 5	Adjustment due to TCJA
WP II-E-5.1 Adj 6	Adjustment due to System Restoration & Other Bond Companies
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WP II-E-5 1 Adj 11	Adjustment to include discretionary revenue - See support on IV-J-2-A

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

Account Number	Description	Reference Schedule	Total Company	Year-Regulated or Non-Electric	Known and Measurable Changes	Company Total Electric	PP#	Functionalization Factor Name	Allocation to Texas	TRAN	DIST	MEET	TDCS	Total
Other Revenues														
Non-Electric Revenues														
4211	Gain On Disp of Prop		(1,796,356)		1,064,799	(731,557)	1	DA	(731,557)	(731,557)				(731,557)
443010	Revenue from Gain On Disp of Prop		(1,796,356)		1,064,799	(731,557)			(731,557)	(731,557)				(731,557)
Perfected Discount														
44300	Perfected Discount													
443010	Revenue from Perfected Discounts		996,159			996,159	1	DA	996,159		996,159			996,159
Miscellaneous Service Revenues														
4518	Street/Alley Closures	WP-EE-5.3	16,100			16,100	1	DA	16,100		16,100			16,100
GL 441009	Processing Fees	WP-EE-5.3	243,782			243,782	1	DA	243,782	243,782				243,782
GL 443010	Grants to Others (formerly Temp Right of Way Access)	WP-EE-5.4	9,136,693			9,136,693	1	DA	9,136,693	9,136,693				9,136,693
	Consent to Encroachment	WP-EE-5.4	74,241			74,241	1	DA	74,241	74,241				74,241
	Other Miscellaneous	WP-EE-5.4	1,894,957		(1,058,255)	836,702	1	DA	836,702	836,702	836,702			836,702
443021	Comment/Discontinued - Discretionary	WP-EE-5.4	6,429,558			6,429,558	1	DA	6,429,558	6,429,558	6,429,558			6,429,558
443022	Reconnect - Discretionary	WP-EE-5.4	259,376			259,376	1	DA	259,376	259,376	259,376			259,376
443023	Miscellaneous Services - Discretionary	WP-EE-5.4	1,770,199			1,770,199	1	DA	1,770,199	1,770,199	1,770,199			1,770,199
443025	Discontinues - Discretionary	WP-EE-5.4	647,838			647,838	1	DA	647,838	647,838	647,838			647,838
491011	Temporary Service Connections - Discretionary	WP-EE-5.4	3,304,800			3,304,800	1	DA	3,304,800	3,304,800	3,304,800			3,304,800
	Subtotal		23,718,882		(1,058,255)	22,718,887			22,718,887	22,718,887	22,718,887	88,008		22,718,887
Rest from Property														
4549	Commercial Land Lease	WP-EE-5.5	3,068,503			3,068,503	1	DA	3,068,503	3,068,503				3,068,503
GL 402840	LR/W Leases (W/FI Form)	WP-EE-5.5	140,489			140,489	1	DA	140,489	140,489				140,489
	Pole Attachment	WP-EE-5.5	5,866,752			5,866,752	1	DA	5,866,752	5,866,752	5,866,752			5,866,752
	Grazing Land Lease	WP-EE-5.5	60,467			60,467	1	DA	60,467	60,467	60,467			60,467
	Monitoring Well	WP-EE-5.5	116,419			116,419	1	DA	116,419	116,419	116,419			116,419
	Non-Standard Land Lease	WP-EE-5.5	274,106			274,106	1	DA	274,106	274,106	274,106			274,106
	Pipeline Related Lease	WP-EE-5.5	758,301			758,301	1	DA	758,301	758,301	758,301			758,301
	Net Leasing Amortization (Deferred)	WP-EE-5.5	124,193			124,193	1	DA	124,193	124,193	124,193			124,193
443029	Wireless Revenues	WP-EE-5.5	19,114,068			19,114,068	1	DA	19,114,068	19,114,068	19,114,068			19,114,068
443033	Fiber-Optics Revenues	WP-EE-5.5	2,462,119			2,462,119	1	DA	2,462,119	2,462,119	2,462,119			2,462,119
	Subtotal		31,985,418			31,985,418			31,985,418	31,985,418	31,985,418	9,871,173		31,985,418
Other Electric Revenues														
4569	Elec Sales - Syst Restoration-ADPFT - One		(9,672,940)		9,672,940		1	DA						
403825	Elec Sales-Syst Restoration-ADPFT Unbill		187,605		(187,605)		1	DA						
403826	Elec Man - Over/Under AMS		31,541,119		(31,541,119)		1	DA						
403827	Elec Sales-Over/Under ADPFT Credit		1,417,548		(1,417,548)		1	DA						
403828	Elec Sales - Over Under BECRF		2,702,841		(2,702,841)		1	DA						
403829	Elec Mile - Over/Under TCRF		16,619,590		(16,619,590)		1	DA						
403831	DCRF Adjustment		28,283,387		(28,283,387)		1	DA						
403836	Elec Sales Rev - Royalty Revenues		40,169			40,169	1	DA	40,169	40,169	40,169			40,169
403846	Elec Sales - Tax Adj		23,181,669		(23,181,669)		1	DA						
403860	Other Electric Revenue CTC Recovery		10,386,899		(10,386,899)		1	DA						
403926	TC Equity Interest		56,791,047		(56,791,047)		1	DA						
405060	Elec Sales-Other SRB Equity Interest		7,034,323		(7,034,323)		1	DA						
443027	Other Oper Rev - EE Bonus		88,622,793		(88,622,793)		1	DA						
	Subtotal		279,251,824		(279,251,824)		1	DA						
4541	Revenues - Transmission of Electricity of Others		1,810,951		(1,810,951)		1	DA						
404010	Electricity Transmission Revenues - ERCOT		28,062,274		(28,062,274)		1	DA						
	Subtotal		416,699,857		(416,699,857)		1	DA						
TOTAL OTHER REVENUES														
4510	Discretionary Revenues		11,081,947			11,081,947	1	DA						11,081,947
	Subtotal		55,818,836			55,818,836			55,818,836	55,818,836	55,818,836	88,808		55,818,836
TOTAL OTHER REVENUES														
4510	Discretionary Revenues		11,081,947			11,081,947	1	DA						11,081,947
	Subtotal		23,269,454			23,269,454			23,269,454	23,269,454	23,269,454	6,427,529		23,269,454

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
STREET/ALLEY CLOSURE	883628	10442640	3000813525	500.00
STREET/ALLEY CLOSURE	1375850	10849848	3000808871	500.00
STREET/ALLEY CLOSURE	4155619	10844971	3000806620	500.00
STREET/ALLEY CLOSURE	5733332	6524789	3000803533	500.00
STREET/ALLEY CLOSURE	6387252	10702224	3000813454	1,700.00
STREET/ALLEY CLOSURE	7428477	10843703	3000805544	500.00
STREET/ALLEY CLOSURE	8046322	10677117	3000810181	500.00
STREET/ALLEY CLOSURE	8221983	10212350	3000814352	500.00
STREET/ALLEY CLOSURE	8398369	10515286	3000808158	500.00
STREET/ALLEY CLOSURE	8413941	10557782	3000814351	500.00
STREET/ALLEY CLOSURE	8419122	10575566	3000805858	500.00
STREET/ALLEY CLOSURE	8458147	10890203	3000821730	250.00
STREET/ALLEY CLOSURE	8458147	10890203	3000822586	250.00
STREET/ALLEY CLOSURE	8487464	10770117	3000811759	500.00
STREET/ALLEY CLOSURE	8489525	10877804	3000817807	500.00
STREET/ALLEY CLOSURE	8489525	10877804	3000824132	500.00
STREET/ALLEY CLOSURE	8520542	10827696	3000795792	500.00
STREET/ALLEY CLOSURE	8548034	10873356	3000816534	500.00
STREET/ALLEY CLOSURE	8548034	10873356	3000817805	500.00
STREET/ALLEY CLOSURE	8557221	10873357	3000816576	1,700.00
STREET/ALLEY CLOSURE	8557221	10873357	3000820295	1,700.00
STREET/ALLEY CLOSURE	8562254	10886740	3000821608	500.00
STREET/ALLEY CLOSURE	8567798	10886599	3000820296	500.00
STREET/ALLEY CLOSURE	8567799	10886600	3000820297	500.00
STREET/ALLEY CLOSURE	8573829	10893598	3000822573	500.00
STREET/ALLEY CLOSURE	8573829	10893598	3000822574	500.00
PROCESSING FEES	10040	10768233	3000804841	1,500.00
PROCESSING FEES	10589	10790733	3000847777	1,500.00
PROCESSING FEES	14661	9815221	3000815425	1,500.00
PROCESSING FEES	859087	851460	3000835212	1,500.00
PROCESSING FEES	910938	10723021	3000804842	1,500.00
PROCESSING FEES	958756	1098651	3000794168	1,500.00
PROCESSING FEES	958756	10523544	3000812745	3,000.00
PROCESSING FEES	958756	10523544	3000829311	1,500.00
PROCESSING FEES	958756	10523544	3000834597	1,500.00
PROCESSING FEES	958756	10523544	3000839948	1,500.00

By Material Code	Amount
STREET/ALLEY CLOSURE	\$ 16,100.00
PROCESSING FEES	\$ 243,782.00
Total Billings	\$ 259,882.00
Check Figure	-

✓₁ To: WP II-E-5.2

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
PROCESSING FEES	958756	10523544	3000842064	1,500.00
PROCESSING FEES	971634	10889777	3000821599	1,500.00
PROCESSING FEES	988652	10677109	3000794949	1,500.00
PROCESSING FEES	988652	10677109	3000821145	1,500.00
PROCESSING FEES	988652	10677109	3000827371	4,500.00
PROCESSING FEES	988652	10677109	3000828934	1,500.00
PROCESSING FEES	988652	10677109	3000834578	1,500.00
PROCESSING FEES	988652	10677109	4700043126	(4,500.00)
PROCESSING FEES	988652	10677109	3000841258	1,500.00
PROCESSING FEES	1080786	1182254	3000825002	1,500.00
PROCESSING FEES	1086001	1544844	3000825003	1,500.00
PROCESSING FEES	1086001	1544844	3000840135	1,500.00
PROCESSING FEES	1086001	10848139	3000808147	1,500.00
PROCESSING FEES	1086001	10969770	3000842813	1,500.00
PROCESSING FEES	1180876	10851223	3000809364	1,500.00
PROCESSING FEES	1180876	10851223	3000841747	1,500.00
PROCESSING FEES	1213078	10850228	3000808569	1,500.00
PROCESSING FEES	1213765	10865168	3000814399	1,500.00
PROCESSING FEES	1213765	10865168	3000831415	1,500.00
PROCESSING FEES	1316963	10952220	3000839039	1,500.00
PROCESSING FEES	1330171	9063920	3000806018	320.00
PROCESSING FEES	2083908	10467686	3000825743	1,700.00
PROCESSING FEES	2206363	10928846	3000831704	1,500.00
PROCESSING FEES	2206363	10936071	3000833858	1,500.00
PROCESSING FEES	2220233	10935611	3000833606	1,500.00
PROCESSING FEES	3090287	10841926	3000804554	1,500.00
PROCESSING FEES	3093401	10522071	3000812833	1,500.00
PROCESSING FEES	3277180	10873076	3000816745	1,500.00
PROCESSING FEES	3656412	10485687	3000810634	1,500.00
PROCESSING FEES	5880892	10477055	3000838625	1,500.00
PROCESSING FEES	5880892	10835842	3000801032	1,500.00
PROCESSING FEES	5992992	9039094	3000833544	1,500.00
PROCESSING FEES	6227827	10579219	3000824230	1,500.00
PROCESSING FEES	6372801	10437562	3000816849	1,500.00
PROCESSING FEES	6439018	10900169	3000824142	1,700.00
PROCESSING FEES	6550978	7752530	3000818134	1,500.00

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
PROCESSING FEES	6550978	7752530	3000818210	1,500.00
PROCESSING FEES	6680364	10923937	3000830406	500.00
PROCESSING FEES	6876172	8222838	3000808384	1,500.00
PROCESSING FEES	6876172	8222838	3000815745	1,500.00
PROCESSING FEES	6876172	8222838	3000818363	1,500.00
PROCESSING FEES	6876172	8222838	3000835088	1,500.00
PROCESSING FEES	6876172	8222838	3000836963	1,500.00
PROCESSING FEES	6876172	8222838	3000848238	1,500.00
PROCESSING FEES	6882795	10933749	3000833132	1,500.00
PROCESSING FEES	6915962	10512567	3000803358	1,500.00
PROCESSING FEES	7285562	10513482	3000812770	1,500.00
PROCESSING FEES	7365201	10589986	3000819781	1,500.00
PROCESSING FEES	7365201	10589986	3000845459	1,500.00
PROCESSING FEES	7542207	10829593	3000797343	1,500.00
PROCESSING FEES	7542207	10858871	3000812301	1,500.00
PROCESSING FEES	7599069	10872840	3000816516	1,500.00
PROCESSING FEES	7677428	10842501	3000804756	1,500.00
PROCESSING FEES	7715313	10102632	3000842882	1,500.00
PROCESSING FEES	7718837	10941874	3000835930	320.00
PROCESSING FEES	7765585	10765031	5000074225	1,500.00
PROCESSING FEES	8011415	10956676	3000840285	1,500.00
PROCESSING FEES	8046322	10677117	3000807234	1,700.00
PROCESSING FEES	8146413	10882059	3000818702	1,500.00
PROCESSING FEES	8205975	10654467	3000833530	1,500.00
PROCESSING FEES	8205975	10654467	3000839490	1,500.00
PROCESSING FEES	8217873	10913573	3000827498	1,500.00
PROCESSING FEES	8327067	10842342	3000804782	1,500.00
PROCESSING FEES	8376035	10865043	3000814385	1,500.00
PROCESSING FEES	8376035	10865043	3000814636	1,500.00
PROCESSING FEES	8384022	10887090	3000820697	1,500.00
PROCESSING FEES	8384567	10478132	3000801951	1,500.00
PROCESSING FEES	8388447	10735724	3000832254	1,500.00
PROCESSING FEES	8398369	10865422	3000814295	1,500.00
PROCESSING FEES	8398369	10865422	3000848468	1,500.00
PROCESSING FEES	8398369	10865422	3000848472	1,500.00
PROCESSING FEES	8398369	10945048	3000836393	1,500.00

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
PROCESSING FEES	8399617	10822894	3000793738	320.00
PROCESSING FEES	8410816	10548915	3000794094	2,265.00
PROCESSING FEES	8413945	10557786	3000846157	1,500.00
PROCESSING FEES	8425784	10597794	3000829085	1,500.00
PROCESSING FEES	8425784	10597794	3000835824	1,500.00
PROCESSING FEES	8425784	10839285	3000803662	1,500.00
PROCESSING FEES	8425784	10916071	3000828245	1,500.00
PROCESSING FEES	8429961	10834986	3000800546	1,500.00
PROCESSING FEES	8429961	10834986	3000802610	1,500.00
PROCESSING FEES	8429961	10834986	3000802611	1,500.00
PROCESSING FEES	8429961	10834986	3000825916	1,000.00
PROCESSING FEES	8432006	10680803	3000795543	5,917.00
PROCESSING FEES	8439934	10633692	3000818150	1,500.00
PROCESSING FEES	8462056	10694229	3000829738	1,500.00
PROCESSING FEES	8462056	10694229	3000839606	1,500.00
PROCESSING FEES	8467272	10717615	3000811638	250.00
PROCESSING FEES	8469784	10825085	3000795439	250.00
PROCESSING FEES	8485039	10884504	3000819464	1,500.00
PROCESSING FEES	8511547	10819110	3000812327	1,500.00
PROCESSING FEES	8520954	10827398	3000796087	500.00
PROCESSING FEES	8524056	10830318	3000798329	1,500.00
PROCESSING FEES	8525683	10831364	3000799090	1,500.00
PROCESSING FEES	8527431	10833812	3000800147	9,030.00
PROCESSING FEES	8528332	10835412	3000800708	1,500.00
PROCESSING FEES	8529122	10836215	3000801402	1,500.00
PROCESSING FEES	8530499	10837274	3000802595	1,500.00
PROCESSING FEES	8530711	10838112	3000802773	1,500.00
PROCESSING FEES	8530712	10838113	3000802774	1,500.00
PROCESSING FEES	8530712	10838113	3000833421	1,500.00
PROCESSING FEES	8534200	10843010	3000805187	1,500.00
PROCESSING FEES	8537019	10846674	3000806873	1,500.00
PROCESSING FEES	8538221	10848138	3000808146	1,500.00
PROCESSING FEES	8540536	10851225	3000809535	1,500.00
PROCESSING FEES	8541569	10849483	3000809956	1,500.00
PROCESSING FEES	8542366	10853804	3000810645	500.00
PROCESSING FEES	8544166	10856818	3000811591	1,500.00

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
PROCESSING FEES	8547119	10860412	3000812163	1,500.00
PROCESSING FEES	8547678	10861405	3000813023	1,500.00
PROCESSING FEES	8549989	10863570	3000813616	1,500.00
PROCESSING FEES	8549989	10944459	3000836404	500.00
PROCESSING FEES	8550344	10862654	3000813620	1,500.00
PROCESSING FEES	8552408	10866181	3000814609	1,500.00
PROCESSING FEES	8553156	10867391	3000815092	500.00
PROCESSING FEES	8555352	10869660	3000815746	1,500.00
PROCESSING FEES	8557737	10874027	3000816825	1,500.00
PROCESSING FEES	8558231	10874457	3000816710	500.00
PROCESSING FEES	8564015	10881518	3000818464	1,500.00
PROCESSING FEES	8564260	10881324	3000818595	1,500.00
PROCESSING FEES	8564260	10881324	3000841514	1,000.00
PROCESSING FEES	8564630	10882326	3000818758	1,500.00
PROCESSING FEES	8566108	10883945	3000819366	1,500.00
PROCESSING FEES	8567677	10885875	3000820031	1,500.00
PROCESSING FEES	8568406	10887076	3000820696	1,500.00
PROCESSING FEES	8569456	10955816	3000840136	1,500.00
PROCESSING FEES	8572137	10891284	3000822040	1,500.00
PROCESSING FEES	8576876	10896786	3000823319	320.00
PROCESSING FEES	8578376	10899033	3000823835	320.00
PROCESSING FEES	8582197	10903897	3000824992	1,500.00
PROCESSING FEES	8589066	10912177	3000827129	1,500.00
PROCESSING FEES	8590569	10914143	3000827583	1,500.00
PROCESSING FEES	8595479	10920006	3000828973	250.00
PROCESSING FEES	8596656	10920747	3000829405	1,500.00
PROCESSING FEES	8597049	10921626	3000829508	1,500.00
PROCESSING FEES	8599723	10925613	3000830858	1,500.00
PROCESSING FEES	8599723	10925613	3000833882	1,500.00
PROCESSING FEES	8599723	10925613	3000843982	1,500.00
PROCESSING FEES	8601015	10927003	3000831161	1,500.00
PROCESSING FEES	8606640	10933822	3000833027	1,500.00
PROCESSING FEES	8606879	10934219	3000833150	1,500.00
PROCESSING FEES	8616641	10945464	3000836999	1,500.00
PROCESSING FEES	8617290	10946159	3000837006	1,500.00
PROCESSING FEES	8618845	10948599	3000837444	1,500.00

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

Source: SAP Detail

Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
PROCESSING FEES	8619258	10949008	3000837194	800.00
PROCESSING FEES	8624996	10957159	3000840401	1,500.00
PROCESSING FEES	8631144	10965764	3000842301	1,500.00
PROCESSING FEES	8631339	10966319	3000842274	1,500.00
PROCESSING FEES	8634961	10970650	3000843204	1,500.00
PROCESSING FEES	8635669	10971498	3000843407	1,500.00
PROCESSING FEES	8636323	10972312	3000843734	1,500.00
PROCESSING FEES	8636372	10972432	3000843752	1,500.00
PROCESSING FEES	8639178	10975599	3000844567	1,500.00
PROCESSING FEES	8642813	10980175	3000845643	1,500.00
PROCESSING FEES	8645775	10982545	3000846535	320.00
PROCESSING FEES	8650436	10990399	3000848320	1,500.00
PROCESSING FEES	8650785	10990715	3000848469	1,500.00

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

Source	SAP Detail								
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	14661	2919	3000817564	320.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	958756	10523544	3000798469	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	958756	10523544	3000800930	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	1080966	10820676	3000805813	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	1080966	10820676	3000818749	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	1126797	9783799	3000805120	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	3696138	10849849	3000808869	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	4154209	10851229	3000809538	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	4337047	10867071	3000814874	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	5996097	10824536	3000795071	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6015484	9623507	3000812550	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6170083	7586038	3000814354	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6170083	7586038	3000820298	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6170083	7586038	3000827449	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6552782	8896262	3000798467	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6552782	8896262	3000803656	10,000.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	6876172	8222838	3000834255	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	7658363	10469193	3000806594	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	7715313	10102632	3000796078	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	7715313	10102632	3000805391	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8169650	10471919	3000803318	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8222806	10859424	3000812638	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8282648	10886603	3000820300	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8372030	10437570	3000818240	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8372030	10437570	3000819277	10,000.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8378174	10457514	3000798471	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8397593	10513480	3000799950	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8421714	10847901	3000807658	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8421714	10847901	3000815586	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8425231	10595655	3000847797	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8425231	10595655	3000847798	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8439934	10748156	3000820301	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8439934	10748156	3000820302	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8439934	10748156	3000820303	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8439934	10752265	3000816580	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8448019	10862981	3000813452	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8462137	10703285	3000812523	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8469763	10724186	3000802763	7,141.14		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8476830	10746871	3000800985	1,500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8476830	10746871	3000803584	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8508337	10893596	3000822571	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8520301	10827021	3000795909	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8520517	10826708	3000795753	320.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8522035	10829241	3000800437	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8525100	10829179	3000799037	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8525100	10829179	3000802220	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8527415	10834098	3000800845	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8528689	10835535	3000805216	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8530491	10863417	3000813153	320.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8531873	10839265	3000803655	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8531875	10839266	3000803657	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8533989	10873752	3000816770	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8535798	10844180	3000806616	500.00		
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8536855	10850748	3000809234	1,500.00		

Year	Document#	Type	Posting Date	PK	Am't in 100,000's	Cost Ctr	Pl
* 2018		DA			10,126,250.63		✓4
* 2018		SA			979,639.66		
** 2018					11,105,890.29		

G/L Account No. 443010		Other Operating Revenues	
Company Code 0003		CHP Houston Electric, LLC	
By Material Code		Amount	
GRANTS TO OTHERS		\$	9,136,692.53
CONSENT TO ENCROACHMENT		\$	74,241.14
OT. MISC BILLABLE OPERATING REVENUE		\$	828,364.96
PROCESSING FEES		\$	81,787.00
STREET/ALLEY CLOSURE		\$	4,500.00
Total Billings (DA)		\$	10,125,585.63
Check Figure			-
NSF (Check Fees)		✓3	665.00
Total DA Documents		✓4	10,126,250.63
Miscellaneous Check			7,500.00
Miscellaneous Deposit			111.58
Non-ASC 606 Reclas - Processing Fees			(81,787.00)
Non-ASC 606 Reclas - Street/Alley Closure			(4,500.00)
CR Bad Debt in Rates			1,058,255.08
Total Journal Entries (SA)			979,639.66
Grants to Others (formerly Temp Right of Way Access)		\$	9,136,692.53
Street/Alley Closures		\$	-
LROW Processing Fees		\$	-
Consent to Encroachment		\$	74,241.14
Other Miscellaneous		\$	1,894,956.62
Total 402840		\$	11,105,890.29

✓4 To: WP II-E-5.2

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

Source: SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cust Acct	Bill Doc	Total
Number							
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8540572	10851232	3000809536	320.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8540572	10851232	3000812639	180.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8540572	10851232	3000816579	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8542543	10853486	3000810507	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8544215	10856792	3000811504	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8546214	10859399	3000812525	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8546419	10858941	3000812551	1,000.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8557219	10873354	3000820397	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8557226	10873360	3000816578	320.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8557974	10873983	3000816936	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8557974	10873983	3000820304	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567765	10886597	3000820034	320.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567801	10886602	3000820299	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567831	10886613	3000820395	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567831	10886613	3000820396	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567867	10886619	3000820399	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8567869	10886621	3000820401	1,000.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8573745	10893595	3000822570	1,500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	8590078	10913810	3000827448	1,500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	3001538100	10844183	3000806617	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	3001538788	10830942	3000798534	500.00
443010	Other Oper Rev	8000502	CONSENT TO ENCROACHMENT	3005640333	10850752	3000809238	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	1375850	10849848	3000808871	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	4155619	10844971	3000806620	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	5733332	6524789	3000803533	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	7428477	10843703	3000805544	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	8046322	10677117	3000810181	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	8398369	10515286	3000808158	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	8419122	10575566	3000805858	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	8487464	10770117	3000811759	500.00
443010	Other Oper Rev	8000503	STREET/ALLEY CLOSURE	8520542	10827696	3000795792	500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	10040	10768233	3000804841	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	910938	10723021	3000804842	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	958756	1098651	3000794168	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	958756	10523544	3000812745	3,000.00
443010	Other Oper Rev	8000518	PROCESSING FEES	988652	10677109	3000794949	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	1086001	10848139	3000808147	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	1180876	10851223	3000809364	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	1213078	10850228	3000808569	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	1330171	9063920	3000806018	320.00
443010	Other Oper Rev	8000518	PROCESSING FEES	3090287	10841926	3000804554	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	3093401	10522071	3000812833	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	3656412	10485687	3000810634	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	5880892	10835842	3000801032	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	6876172	8222838	3000808384	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	6915962	10512567	3000803358	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	7285562	10513482	3000812770	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	7542207	10829593	3000797343	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	7542207	10858871	3000812301	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	7677428	10842501	3000804756	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	7765585	10765031	5000074225	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	8046322	10677117	3000807234	1,700.00
443010	Other Oper Rev	8000518	PROCESSING FEES	8327067	10842342	3000804782	1,500.00
443010	Other Oper Rev	8000518	PROCESSING FEES	8384567	10478132	3000801951	1,500.00

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 TEST YEAR ENDED 12/31/2018

Source: SAP Detail									
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total		
Number									
443010	Other Oper Rev	800051	PROCESSING FEES	8399617	10822894	3000793738	320.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8425784	10839285	3000803662	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8429961	10834986	3000800546	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8429961	10834986	3000802610	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8429961	10834986	3000802611	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8432006	10680803	3000795543	5,917.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8467272	10717615	3000811638	250.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8469784	10823085	3000795439	250.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8511547	10819110	3000812327	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8520954	10827398	3000796087	500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8524056	10830318	3000798329	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8525683	10831364	3000799090	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8527431	10833812	3000800147	9,030.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8528332	10835412	3000800708	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8529122	10836215	3000801402	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8530499	10837274	3000802595	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8530711	10838112	3000802773	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8530712	10838113	3000802774	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8534200	10843010	3000805187	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8537019	10846674	3000806873	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8538221	10848138	3000808146	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8540536	10851225	3000809535	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8541569	10849483	3000809956	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8542366	10853804	3000810645	500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8544166	10856818	3000811391	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8547119	10860412	3000812163	1,500.00		
443010	Other Oper Rev	800051	PROCESSING FEES	8547678	10861405	3000813023	1,500.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	910938	10723021	3000824272	40,790.76		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	910938	10937804	3000834114	1,500.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	958756	10523544	3000798714	2,217.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	958756	10523544	3000834453	1,405.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	958756	10795128	3000832351	2,599.80		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	1080557	10444329	3000828974	6,835.96		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	1180876	10851223	3000827283	5,224.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	1225075	9693286	3000811770	1,522.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	2494399	8237856	3000831740	1,500.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	2494399	8237856	3000831927	1,500.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	2494399	8237856	3000845847	1,230.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	2494399	8237856	3000847425	25,332.54		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3090287	10841926	3000830364	27,350.72		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	7270904	5000074335	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	7270904	5000074773	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	7270904	5000074792	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	7270904	5000074924	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10640506	3000798184	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10640506	3000801342	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10640506	3000804150	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	3000818887	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	3000823647	1,100.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	5000073060	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	5000073207	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	5000073392	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	5000073527	550.00		
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	3277180	10652909	5000073687	550.00		

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

Source: SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10652909	5000074209	1,100.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10652909	5000074399	1,100.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10652909	5000074592	1,100.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10652909	5000074818	1,100.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10652909	3000847512	1,100.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	3277180	10873076	3000826361	550.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	5947005	10866547	3000814543	7,019.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6550978	7752530	3000841138	88,974.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6880364	10947418	3000837286	1,500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6876172	8222838	3000807961	15,000.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6876172	8222838	3000833673	4,602.92
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6876172	8222838	3000838121	1,500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	6876172	8222838	4700044079	(1,500.00)
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7045111	9885236	3000795205	1,000.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7045111	9885236	3000799682	1,000.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7045111	9885236	3000809491	2,000.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7056457	8513106	3000824970	30,160.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7069413	10798689	3000808815	3,429,067.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7069413	10799476	3000802859	719,672.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7542207	10829593	3000821782	24,437.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7542207	10858871	3000819499	182,955.83
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7584486	10583628	3000828926	12,504.08
443010	Other Oper Rev	800605	GRANTS TO OTHERS	7599069	10872840	3000837715	5,791.82
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	3000795164	2,182.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073189	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073220	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073400	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073533	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073695	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000073852	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074012	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074201	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074408	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074601	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074801	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8103942	10542305	5000074977	1,091.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8107089	10400761	3000831540	22,313.78
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8107089	10400761	3000831541	21,163.60
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8146413	10882059	3000823823	3,000.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8171982	10815170	3000806677	1,224.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10553150	3000799681	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10553150	3000802609	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10553150	3000808425	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10553150	3000817035	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10578579	3000799653	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10578579	3000800512	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10578579	3000806442	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8282705	10578579	3000816894	500.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8327067	10842342	3000823026	282,655.44
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8365641	10754092	3000823500	550.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8365641	10754092	5000073079	550.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8365641	10754092	5000073224	550.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8365641	10754092	5000073399	550.00
443010	Other Oper Rev	800605	GRANTS TO OTHERS	8365641	10754092	5000073532	550.00

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Source	SAP Detail	GL	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
Number									
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	5000073694	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	5000073850	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	5000074202	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	5000074409	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	5000074600	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	3000841390	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8365641	10754092	3000847513	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8369170	10627117	3000805535	6,600.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8369170	10627117	5000073080	2,200.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8369170	10627117	5000073225	2,200.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8369170	10627117	5000073396	2,200.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8377895	10874236	3000816707	92,343.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8381156	10466156	3000815479	2,426.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8398369	10886746	3000820823	5,741.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8403839	10528964	3000848097	1,500.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8425231	10595655	3000847805	1,500.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8425784	10597794	3000845683	455,754.95
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8425784	10597794	3000845849	1,230.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8425784	10839285	3000812404	1,230.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8429961	10834986	3000828927	20,971.97
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8432006	10680803	3000799312	3,200.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8432006	10680803	3000831050	25,000.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8456996	10803142	3000802608	1,491,523.33
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8470897	10832885	3000799683	1,500.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8477309	10747347	5000073086	6,150.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8477309	10747347	5000073503	6,150.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8477309	10747347	5000073980	6,150.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8477309	10747347	5000074571	6,150.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8478667	10750064	3000808781	1,799.28
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	3000818885	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000073087	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000073229	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000073483	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000073602	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000073725	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8484790	10764072	5000074017	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8487229	10769512	3000800887	11,317.90
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8490378	10777595	3000805197	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8490378	10777595	4700041551	(550.00)
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8491497	10779060	3000803686	2,200.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073088	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073234	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073405	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073538	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073699	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000073857	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000074020	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000074196	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000074412	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8494535	10787727	5000074604	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8495239	10789150	3000798415	1,560.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8495239	10789150	3000815647	2,340.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8495239	10789150	5000073231	780.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS			8504892	10814205	3000799388	1,732.50

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Source: SAP Detail

G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
Number							
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000073390	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000073523	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000073685	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000073833	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074003	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074234	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074413	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074588	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074845	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8504892	10814205	5000074982	1,732.50
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	3000803500	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000073504	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000073657	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000073806	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000073991	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000074214	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000074354	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000074572	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000074846	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8505556	10814705	5000074983	2,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8520954	10827398	3000819273	8,783.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8526047	10868404	3000815213	3,017.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8526047	10868404	3000815214	3,000.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8526047	10908424	3000826040	7,138.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8530711	10838112	3000802845	1,353.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8530711	10838112	3000809448	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8530711	10838112	3000813619	550.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8530711	10838112	3000819743	1,100.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8530712	10838113	3000816621	4,500.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8535532	10843764	3000806067	31,570.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8535532	10851004	3000809253	4,323.00
443010	Other Oper Rev	8009605	GRANTS TO OTHERS	8540536	10851225	3000819782	1,224.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8544073	10856253	3000811429	3,789.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8547777	10860451	3000813062	224.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8568406	10887076	3000834218	24,000.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8579194	10899785	3000824201	1,797,607.09
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8579194	10899785	4700043343	(25.00)
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8585332	10908215	3000826025	7,000.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8596656	10920747	3000846013	3,723.00
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8599723	10925613	3000847590	5,422.71
443010	Other Oper Rev	8000605	GRANTS TO OTHERS	8624996	10957159	3000843981	1,496.55
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073191	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073331	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073364	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073486	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073606	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000073966	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000074181	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000074332	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000074794	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	3000841240	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000074921	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	10042	1356868	5000075071	934.26
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073101	1,230.00

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G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
Number							
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073247	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073418	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073607	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073712	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000073880	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074041	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074310	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074384	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074761	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074807	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14211	2692	5000074953	1,230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	14847	9924880	3000846502	220.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073102	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073248	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073419	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073608	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073713	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000073881	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074042	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074311	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074385	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074762	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074808	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	19068	8501352	5000074954	1,709.05
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073192	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073333	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073366	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073488	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073609	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000073968	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000074182	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000074333	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000074795	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	3000841244	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000074922	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	857126	7419340	5000075072	1,604.06
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073103	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073249	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073420	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073610	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073714	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000073882	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074043	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074312	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074387	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074764	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074809	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	933773	8926143	5000074956	2,963.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073107	6,190.18
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073253	6,190.18
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073354	6,190.18
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073611	6,190.18
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073715	6,190.18
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000073969	6,190.18

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G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bll Doc	Total
Number							
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000074047	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000074313	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000074388	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000074766	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000074811	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1194505	7610912	5000075073	6,190.18
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073149	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073295	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073465	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073612	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073717	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000073928	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074092	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074315	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074389	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074767	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074812	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1206186	9299892	5000074958	1,824.30
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073193	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073334	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073367	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073489	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073613	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000073970	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000074183	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000074334	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000074796	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	3000841265	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000074923	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1255526	1414894	5000075074	1,634.13
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073151	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073297	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073467	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073614	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073718	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000073931	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000074317	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000074393	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000074769	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000074813	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	1354558	1596007	5000074960	2,883.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073152	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073298	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073468	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073615	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073719	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000073932	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074098	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074318	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074394	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074770	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074814	15,441.00
443010	Other Oper Rev	0008002	OT: MISC BILLABLE OPERATING REVENUE	2075994	2348752	5000074962	15,441.00

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443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000074114	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000074327	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000074410	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000074784	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000074838	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8404814	10532337	5000075075	2,893.09
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8517530	10823247	3000794494	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522299	10828728	3000797080	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522304	10828733	3000797081	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000073315	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000073484	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000073621	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000073726	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000073949	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074116	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074328	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074415	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074786	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074849	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8522837	10828965	5000074985	23,358.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8523171	10829336	3000797420	1,405.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8524101	10828479	3000797958	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8524102	10828483	3000797959	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8525441	10831342	3000799087	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8525929	10831957	3000799202	26.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8526141	10832241	3000799209	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8530550	10837772	3000802607	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8540891	10852006	3000809745	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8543946	10856176	3000811450	75.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8544422	10855669	3000811715	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8544471	10855672	3000811724	201.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8552073	10866135	3000814605	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8552075	10866137	3000814606	174.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8555601	10870913	3000815680	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8558486	10874956	3000817212	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8564447	10882279	3000818633	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8596770	10921066	3000835290	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8599746	10925817	3000830896	30.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606895	10933879	3000833028	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606949	10933883	3000833527	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606991	10934402	3000833030	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606992	10934404	3000833031	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606995	10934411	3000833032	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8606996	10934414	3000833033	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8607887	10935523	3000833551	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8609652	10937712	3000834271	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8613171	10941380	3000835813	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8613174	10941385	3000835857	230.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8616017	10944827	3000836388	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8616019	10944830	3000836389	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8616864	10945686	3000837015	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8623955	10955810	3000839903	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000794867	55,233.03
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000799493	62,966.92

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

Source: SAP Detail

GL	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000804308	62,290.37
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000811451	78,264.43
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000814944	62,079.24
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000819193	63,758.77
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000823989	50,898.64
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000828565	45,393.61
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000834360	45,519.17
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000837551	43,875.63
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700041177	(55,233.03)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700041332	(62,966.92)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700041676	(62,290.37)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700042037	(78,264.43)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700042213	(62,079.24)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700042491	(63,758.77)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700042761	(50,898.64)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700043182	(45,393.61)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700043536	(45,519.17)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700043775	(43,875.63)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000841852	32,463.23
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700044112	(32,463.23)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	4700044399	(42,942.28)
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	4000001966	7100004376	3000846243	42,942.28
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8631361	10966431	3000842401	25.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8633683	10968888	3000842844	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8639402	10975588	3000844379	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8642943	10979720	3000845721	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8643070	10980649	3000845649	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8645773	10982542	3000846304	171.00
443010	Other Oper Rev	8008002	OT: MISC BILLABLE OPERATING REVENUE	8646216	10985047	3000846695	171.00

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

Source G/L Number	SAP Detail GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10040	8595890	5000074590	1,687.99
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10042	624	5000073811	5,985.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10048	32	5000073091	78,520.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10048	8837193	3000843979	3,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10057	7840043	5000074367	2,747.32
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10058	42	5000074567	80,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10060	44	5000073370	39,600.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10098	3221188	3000804002	12,419.77
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10098	3221188	3000804003	12,419.77
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10135	129	3000845887	31,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10139	133	4700043392	(13,161.63)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10139	133	5000074018	13,161.63
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10143	137	3000828258	3,856.12
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10172	166	5000073681	29,514.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10190	184	3000829768	1,707.63
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10190	184	3000829768	24,605.44
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10202	196	3000798917	8,787.95
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10202	196	5000073656	8,787.95
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10208	202	5000073487	38,933.59
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10212	8457917	5000073094	36,556.47
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10212	206	5000075069	21,370.29
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10231	225	5000073365	1,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10253	247	5000073379	358.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10253	247	5000073808	358.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10253	247	5000074363	358.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10253	247	5000074944	358.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10256	250	4700042923	(13,533.60)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10256	250	5000073967	13,533.60
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10305	299	3000824681	360.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10305	299	5000073812	2,482.80
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10305	299	5000073873	2,482.80
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10307	301	5000073534	2,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10318	312	5000074195	5,212.40
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10324	318	3000809316	24,380.80
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10324	318	5000073678	24,380.80
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10335	329	3000827598	22,487.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10160	354	5000074227	2,744.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10166	360	5000073861	123,304.30
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10194	388	5000073232	1,320.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10402	399	3000802197	6,750.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10402	399	5000074015	6,750.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10404	402	3000818244	12,300.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10404	402	3000823819	12,300.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10404	402	4700043102	(12,300.00)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10415	413	3000839299	2,030.88
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10442	442	5000073689	13,988.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10464	466	3000802195	289.02
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10464	466	5000073642	289.02
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10464	845356	3000802196	274.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10464	845356	5000074804	274.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10466	468	5000073375	5,738.40
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10495	499	5000073048	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10521	526	5000073050	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10521	526	5000075061	500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10524	529	4700041922	(6,927.25)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	3000795403	10,580.00

Year	Document#	Type	Posting Date	PK	AMT in 100's	Document Header Text
* 2018		AC			1,385.70-	✓ Key Posted in 2019
** 2018		AC			1,385.70-	
** 2018		DA			10,285,592.93-	✓
* 2018		SA			124,193.12-	Lease Deferral/Amort
* 2018		SA			11,941.58	✓ Attach Amort/Def
** 2018		SA			112,251.54-	
*** 2018					10,409,230.17-	

By Material Code	Amount
COMMERCIAL LAND LICENSE	\$ 3,068,502.61
POLE ATTACHMENT	\$ 5,577,872.54
POLE AUDIT	\$ (3,456.61)
POLE PERMITS	\$ 304,278.12
WI-FI ATTACHMENT	\$ 140,489.44
GRAZING LAND LICENSE	\$ 60,467.43
MONITORING WELL LICENSE	\$ 116,418.85
NON-STANDARD LAND LICENSE	\$ 274,105.53
PIPELINE MAINTENANCE FEE	\$ 758,300.72
Total Billings (BA)	\$ 10,296,978.63
Check Figure	-
Lease Deferral/Amort	124,193.12
Pole Attach Amort/Def	(11,941.58)
Total Journal Entries (SA)	112,251.54
Commercial Land Lease	\$ 3,068,502.61
LROW Leases (WI-FI fees)	\$ 140,489.44
Pole Attachment	\$ 5,866,752.47
Grazing Land Lease	\$ 60,467.43
Monitoring Well	\$ 116,418.85
Non-Standard Land Lease	\$ 274,105.53
Pipeline Related Lease	\$ 758,300.72
Net Leasing Amortization (Deferrals)	124,193.12
Total 402840	\$ 10,409,230.17

To: WP II-E-5.2

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

Source	SAP Detail							
GL	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	3000813458	2,645.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	3000826553	881.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	3000827767	881.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	5000074381	881.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	5000074603	881.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10564	575	3000841391	1,763.34	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10589	609	5000073098	5,032.45	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10589	9004369	5000073643	5,267.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10589	9004370	5000073644	6,351.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10605	626	3000827599	44,346.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10666	697	3000818102	5,069.50	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10666	697	3000845606	5,069.50	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10687	718	5000073813	1,300.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10693	724	3000836383	439.23	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10696	727	5000073653	3,340.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	1029	3000829769	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	1029	3000829770	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	1029	4700043293	(1,500.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	1029	4700043294	(1,500.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	9306450	3000830572	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11271	9306450	3000830573	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11272	1031	5000073858	7,000.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11608	973677	5000073696	10,841.60	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11681	1199	5000073052	4,467.41	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11831	1264	5000074382	4,934.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11831	1264	4700044152	(4,934.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000797468	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000807963	11,501.01	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000812767	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000824269	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000827532	7,667.34	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000831695	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000839356	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	11884	1283	3000845546	3,833.67	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	12734	2068	5000073704	38,105.81	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	12862	2113	5000073376	2,812.47	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	12899	2136	5000074383	350.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	14304	2736	5000073175	5,031.25	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	14661	9815221	3000822868	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	15047	3090	5000073700	2,036.35	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	15264	3178	5000073839	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	18953	8217	5000074230	379,713.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	148050	10822895	3000793739	9,874.80	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	148050	10822895	5000074218	9,874.80	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	848945	836983	3000838119	20,943.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	848945	836983	3000840862	20,943.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	848945	836983	4500019946	(20,943.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	848945	836983	4500020018	(20,943.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	848945	836983	5000074621	20,943.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	859840	8492516	4700043352	(1,331.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	859840	8492516	5000073992	1,331.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	866656	860974	5000073703	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	884732	9031520	5000074598	2,363.40	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	910938	10723021	3000824272	1,785.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	910938	10829452	3000797621	7,870.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	910938	10977537	3000844923	1,385.70	

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

Source G/L	SAP Detail GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000797466	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000807964	13,468.05
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000812768	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000824391	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000827530	8,978.70
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000831543	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000839358	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	966680	1015547	3000845545	4,489.35
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	981678	1036157	5000073964	600.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	981678	1036157	5000073965	7,160.02
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1027438	1422504	5000074765	9,468.60
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1071069	7124411	5000074026	6,499.25
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1099886	1209264	5000073660	5,087.42
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1113491	1227351	3000809162	9,521.60
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1113491	1227351	5000074205	32,561.60
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1115963	1230678	5000073508	5,838.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1120922	1236773	5000074021	15,690.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1132254	1252037	5000074206	10,679.70
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1208331	1355665	5000073372	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1229633	2417288	5000074959	100.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1232750	1385997	5000073814	3,858.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1276234	1442586	5000073840	14,875.62
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1312679	1511582	5000073815	53,474.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1318229	3626232	3000835287	1,400.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1320121	1530490	5000074228	58,743.57
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1342431	1574486	5000074392	21,420.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1358481	1601419	5000073979	2,741.20
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1358737	1601696	3000831213	1,890.44
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1374518	1630981	5000074184	120.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	2136713	10220392	5000073205	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	2195944	2519886	5000074213	4,242.99
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	2206363	3473201	5000073230	3,011.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	2222798	2556682	5000074398	3,051.97
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3026117	3402301	5000073655	18,945.37
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3134077	3546049	4700043364	(25.00)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3134077	3546049	5000073059	8,925.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3134077	3546049	5000073502	8,925.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3134077	3546049	5000073973	8,925.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3134077	3546049	5000074569	8,925.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3224845	3664832	5000059775	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3224845	3664832	5000059776	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3587408	8467611	5000073061	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	3914327	7035436	5000073686	2,538.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	4121374	8643580	5000074400	14,439.50
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	4547146	5027109	5000073321	1,641.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	4616334	9699016	3000805999	3,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	4616334	9699016	5000074229	3,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5525253	6198384	5000073160	16,009.80
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5546718	6227378	5000073384	3,662.20
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5600372	6319090	5000073659	1,041.70
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5612507	6332347	5000073062	903.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	4700042237	(13,318.00)
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000073680	13,318.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000073860	13,318.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074024	13,318.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074194	13,318.00

2019 RATE CASE
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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Source	SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074401	13,318.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074606	13,318.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074819	13,318.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5794374	6610243	5000074965	13,318.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5880892	10835842	3000841829	5,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5985575	6908634	3000795954	113.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	5985575	6908634	5000073359	113.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6007008	6938607	5000073403	75,335.17	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6024895	6970000	4700043094	(2,600.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6024895	6970000	5000073525	2,600.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6414978	7558788	5000073647	2,230.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6619966	7854232	5000074822	2,044.91	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6643434	7887936	5000073163	3,577.73	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6643434	10856957	3000824157	17,048.19	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6671814	7929666	5000073197	3,000.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6699998	7970375	5000073510	42,471.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6725169	8006756	5000073511	9,558.81	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6730973	8013791	3000806068	3,067.84	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6730973	8013791	4700041699	(3,067.84)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6730973	8013791	5000073063	3,067.84	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6733769	8021347	5000073537	1,650.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6740324	8030561	5000073943	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6760871	8061021	5000074008	10,000.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6816226	8137450	5000074355	4,114.13	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6893738	8248903	5000074607	11,118.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6900153	8253976	5000072847	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6923112	8291172	5000074825	3,870.72	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6937455	8310062	5000073209	3,411.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6982163	8380740	5000073816	42,076.80	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6982164	8380743	3000806335	4,250.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7017473	8435043	5000074193	2,893.32	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7023475	8439489	5000073362	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7038366	8463969	3000807186	127,573.44	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7038366	10827674	3000804146	13,025.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7045111	9885236	3000820676	1,000.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000797469	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000803373	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000808145	8,896.06	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000812766	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000824268	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000827528	8,896.06	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000831544	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000839354	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055831	8489029	3000845522	4,448.03	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000797465	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000803374	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000807962	5,554.98	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000812765	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000824390	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000827531	5,554.98	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000831696	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000839357	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7055833	8489031	3000845521	2,777.49	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073068	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073211	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073398	2,158.51	

2019 RATE CASE
 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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Source	SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cost Acct	Bill Doc	Total	
Number								
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073530	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073690	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000073848	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074011	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074204	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074404	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074599	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074829	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7127328	8592594	5000074971	2,158.51	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7135356	8941859	5000073371	5,887.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7148752	8800902	5000073212	1,255.80	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7267995	8800920	5000074831	500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7313586	8872042	5000073213	1,723.50	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7346021	10466104	5000074779	9,031.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7351254	8921388	5000073652	3,240.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7351254	8921388	4700044128	(2,430.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7362154	8941858	5000073974	1,593.60	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7365201	10688680	3000825444	1,600.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7398380	8995922	4700042965	(4,357.74)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7398380	8995922	5000073654	4,357.74	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7400971	8995576	3000809955	5,392.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7405544	9006347	5000073397	300.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7445692	9061523	5000074362	21,031.45	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7462759	9086419	3000827600	19,024.92	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7587310	9273708	3000836583	36,647.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7603509	9301896	5000073215	15,185.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7627272	9333256	5000073388	2,925.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7631153	9340552	3000840035	4,889.30	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7658594	9377784	5000073167	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7725685	9483035	4700043334	(1,000.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7725685	9483035	4700043335	(25.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7767899	9943923	5000073854	12,639.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7798210	9584863	5000073074	5,140.60	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7879383	9711354	5000073374	6,309.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7879383	9711354	5000073805	6,309.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7879383	9711354	5000074353	6,309.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7879383	9711354	5000074976	6,309.96	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7904469	9752607	3000817560	4,400.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7993345	10931689	3000832474	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8010194	9900263	3000819742	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8013479	10444296	5000074835	1,200.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8017554	9911380	4700041631	(11,740.08)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8017554	9911380	5000073076	1,067.28	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8017554	9911380	5000073219	1,067.28	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8065324	9979650	5000073077	7,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8065324	9979650	5000073517	7,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8065324	9979650	5000073996	7,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8126864	10065266	3000838701	6,497.93	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8143016	10094807	5000074587	2,000.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8282771	10298100	3000835609	102,608.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8282771	10298100	4700043595	(9,328.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8282771	10298100	4700043691	(102,608.00)	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8282771	10298100	5000073679	7,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8282771	10298100	5000074416	2,149.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8358704	10406243	3000821409	1,500.00	
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8369170	10627117	3000825242	4,400.00	

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

Source: SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	BH Doc	Total
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8369170	10627117	5000074596	2,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8369170	10627117	5000074837	2,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8369170	10627117	5000074978	2,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8375374	10448814	5000073082	1,957.96
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8377534	10453774	5000073083	11,421.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8379430	10461136	3000834506	6,907.90
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8379430	10461136	3000834507	9,080.82
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8393858	10503975	5000073688	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8397144	10512085	3000834256	1,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8397404	10864089	3000814026	332.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8397589	10513476	5000073972	2,750.40
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8400136	10519962	5000074022	1,600.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8405322	10533737	5000074980	1,439.29
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8405374	10533279	5000074576	1,484.16
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8409705	10545386	5000074207	10,325.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8414539	10560250	5000074841	500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8420001	10578136	5000073084	2,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8420001	10578137	5000073085	18,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8438006	10628575	5000074411	71,374.85
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8442654	10640504	5000073228	6,394.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8442654	10640504	5000073692	6,394.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8442654	10640504	5000074203	6,394.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8442654	10640504	5000074843	6,394.17
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8463662	10700302	3000805536	11,026.05
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8471466	10732219	5000073518	12,002.26
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8472270	10733649	5000073651	4,450.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8477074	10746787	5000074235	220.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8490496	10777735	5000074010	13,161.63
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8498496	10797482	3000829760	7,614.33
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8509450	10818231	5000074847	4,442.33
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8511896	10819805	3000796688	8,862.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	3000795038	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	3000795039	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000073235	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000073406	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000073539	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000073702	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000073862	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074025	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074191	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074414	1,344.34
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074608	1,330.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074848	1,330.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8519678	10824684	5000074984	1,330.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8529122	10836215	3000809317	68,580.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	3000815625	27,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	3000825428	4,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074009	9,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074208	4,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074371	9,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074593	9,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074850	9,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8552861	10867551	5000074986	9,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8555352	10869660	3000822446	9,660.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8558040	10874347	3000816892	22,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8564015	10881518	3000831932	1,078.18

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

Source: SAP Detail

GL	GL Name	Material	Material Code Name	Sold-to pt	Cost Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8565129	10882848	3000818987	2,000.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8571892	10889049	3000822075	13,838.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8591494	10915634	3000827995	2,600.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8601015	10927003	3000839581	4,118.70
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8606640	10933822	3000837085	5,119.20
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8616535	10945700	3000840664	891.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10063	47	5000074802	2,204.75
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7267990	8800899	5000074830	1,200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8412927	10554774	5000074839	8,370.51
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8476739	10746318	5000074844	1,500.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	8631061	10965738	3000842277	200.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	1068705	1164773	5000074957	6,750.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	6960619	8347907	5000074969	4,280.56
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	10303	297	5000075065	250.00
402840	Energy Svcs Sales	8000510	COMMERCIAL LAND LICENSE	7566311	9238948	5000075067	2,159.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10074	59	5000073042	800.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10147	141	3000804147	2,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10171	165	5000073402	950.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10179	173	5000057884	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10179	8995924	5000073846	700.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10221	215	5000074803	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10244	238	3000815652	400.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10244	238	5000074943	524.08
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10261	255	5000073043	40.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10262	256	3000798330	751.28
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10266	260	5000073044	761.25
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10280	274	5000074945	275.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10283	277	3000828051	800.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10283	277	3000828617	800.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10283	277	4700043138	(800.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10294	7955939	5000073332	450.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10299	293	5000073509	1,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10325	319	4700042193	(10.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10325	319	5000075063	10.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10344	338	5000073045	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10368	362	3000820775	100.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10405	403	5000073046	10.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10467	469	5000073047	100.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10504	508	5000073049	3,977.31
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10710	741	5000073855	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10716	747	4700042990	(4,627.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10716	747	5000073828	2,313.50
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10726	757	5000074589	568.34
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	862759	856077	5000062201	1,110.60
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	918365	930282	5000073054	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	920205	932685	5000073055	150.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	937158	958431	5000073056	350.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	968755	1018403	5000073701	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1025332	1101544	5000073827	1,584.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1033748	9350414	5000073361	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1057567	1147866	5000074219	1,435.49
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1093726	1201166	5000073536	3,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1115962	1230679	5000073853	550.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1125686	1242744	4700041465	(813.89)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1125686	1242744	5000074001	813.89
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1133431	1252693	3000839140	500.00

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

Source G/L	SAP Detail GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1133431	1252693	4700043985	(500.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1133431	1252693	5000073994	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1210275	1357462	3000794922	2,417.33
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	1316629	1524287	5000073368	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2128246	2427294	5000073385	800.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2207087	2531622	5000073206	519.12
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2207087	2531622	5000073682	519.12
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2207087	2531622	5000074232	519.12
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2207087	2531622	5000074117	519.12
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	2222799	2556683	5000074023	840.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	3163746	3587024	5000073856	150.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	4572835	5067823	5000074573	880.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	5585422	6294691	4700043690	(2,000.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	5585422	6294691	5000073195	2,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	5585422	6294691	5000073196	2,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	5744427	6540397	5000074016	1,166.93
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6173222	7187389	4700043103	(875.00)
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6173222	7187389	5000073394	875.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6809319	10447765	5000074967	3,283.82
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6879456	8226242	5000073064	206.53
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6879456	8226242	5000073535	206.53
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6879456	8226242	5000074013	206.53
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	6879456	8226242	5000074602	232.35
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7059879	8492561	5000073658	1,150.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7061994	8500708	5000073661	10.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7127449	8592799	5000072248	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7201132	8701001	3000808426	16.08
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7201133	8701002	5000073849	150.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7339178	8906759	5000073514	250.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7341982	8910875	5000073373	100.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7390838	8983662	5000073698	370.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7427102	9039100	5000073838	236.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7456347	9078894	5000073977	600.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7471442	9100906	5000074198	300.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7662393	9385690	5000074926	1,475.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7719795	9470951	3000794470	600.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7719795	9470951	5000073961	600.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7724917	9475083	5000073811	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7725685	9483035	3000822445	1,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7725685	9483035	3000825199	1,000.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7787556	9567977	3000832313	400.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7787556	9567977	3000832314	800.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8283760	10298981	5000073387	100.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8374237	10445402	5000074783	120.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8379430	10461137	5000073983	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8394618	10505856	5000073526	100.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8414492	10560234	5000074578	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8422307	10586611	5000073199	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8428741	10606097	5000073683	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8453696	10669784	5000074785	200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8528332	10835412	3000809109	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10322	316	5000074946	500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	10499	503	5000074948	200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7315773	8872063	5000074972	1,200.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	8247264	10250793	3000845399	1,500.00
402840	Energy Svcs Sales	8000512	GRAZING LAND LICENSE	7875487	9705926	3000846413	750.00

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

Source	SAP Detail						
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cost Acct	Bill Doc	Total
Number							
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10025	7	5000073041	150.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10152	146	5000062541	300.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10200	194	3000799909	871.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10216	210	5000073641	9,502.57
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10305	299	4700042763	(2,842.80)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10339	333	3000805641	2,068.78
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10521	526	5000073050	28.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8392946	5000074805	332.75
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8392946	5000074951	332.75
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8427245	5000073830	532.40
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8427250	5000073831	798.60
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8427283	5000074586	399.30
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8427283	5000074806	399.30
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8427283	4700044187	(399.30)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11731	8395145	5000074950	665.50
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	11884	1283	3000837002	3,833.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	13594	8986598	5000073491	250.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	14724	1557986	3000799895	121.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	14724	1557986	4700041457	(1,331.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	14724	1557986	5000073202	1,331.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	14724	1557986	5000073203	1,331.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	859087	8453308	5000073809	2,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	859840	8492516	5000074217	1,331.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	859840	8492517	5000074955	3,480.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	862697	856023	5000074386	350.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	903959	10552955	5000074361	9,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	910938	10829453	5000074004	1,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	950804	991572	3000820882	1,627.89
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	966680	1015547	3000837003	4,489.35
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	981675	1036154	5000073851	30.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	991157	10741957	3000794221	3,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	991157	10741957	3000798664	3,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	991157	10741957	4700041297	(3,000.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1080969	1182499	3000806635	800.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1112946	1411903	5000074215	332.75
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1180876	1557985	4700042152	(332.75)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1180876	1557985	5000073505	332.75
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1215379	6594517	5000074316	250.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1241347	1397184	5000073978	200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1262604	1425452	5000074199	600.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1262604	9051538	5000074200	600.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1262735	8427516	5000073522	363.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1291141	1463211	5000073531	250.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1316963	10952220	3000840776	5,775.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1327687	1544735	5000072246	20.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1331594	1554488	5000072247	20.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1343041	1574300	5000073507	1,331.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1348191	10578589	5000073194	1,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1364500	1611454	5000074002	10.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2115133	10836096	3000801196	8,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2115133	10836096	5000074395	8,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2136713	2437515	5000073528	1,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2136713	10220392	5000073205	501.81
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2163409	10839693	3000803315	1,800.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	2163744	2472437	5000073801	289.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	3024795	8472972	4700042254	(330.00)

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

Source: SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	3024795	8472972	5000074561	363 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	3027734	3402231	5000073843	250 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	3125736	3539211	5000073826	300 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	3784491	6765400	4700043136	(1,200 00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5526117	6199380	5000075062	200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5666557	6556259	5000074774	700 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5726950	6886567	5000073691	500 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5880892	10835842	3000818654	13,300 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5880892	10835842	3000825644	3,300 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5880892	10835842	4700042933	(13,300 00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5925988	6807681	5000074221	800 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6024892	6969997	3000812832	1,050 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6024892	6969997	5000073834	1,050 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6030930	8492545	5000073645	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6120222	7105072	3000794220	29,277 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6176385	7192292	5000073835	250 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6318534	8745397	5000074579	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6427636	7955935	5000073377	2,160 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6435330	7698097	3000837368	3,575 97
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6680364	10947418	3000844380	8,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6733731	8021339	5000074402	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6893742	8248948	5000073065	1,100 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6956730	8341607	5000073067	1,934 09
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6958506	8344913	3000836979	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6958506	8344913	4700042236	(1,200 00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6971535	8362182	5000074826	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	6979155	8377904	3000795206	750 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7009501	8422331	5000074827	1,200 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000815053	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000824270	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000827281	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000832493	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000837000	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000842059	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7045111	9885236	3000846003	1,000 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7055831	8489029	3000837001	4,448 03
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7055833	8489031	3000837004	2,777 49
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7109600	8809939	3000833055	8,800 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7201134	8701004	5000073981	20 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7293579	8837272	5000074420	10 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7311889	8895714	5000074366	10 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7348999	8917183	5000073521	100 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7349000	8917184	5000073069	500 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7405541	9123571	5000074434	1,500 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7405544	9006347	4700042250	(300 00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7493363	9133001	5000074356	100 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7517540	9166919	5000073070	20 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7517543	9166922	5000073363	25 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7687172	9685097	3000831820	4,172 48
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7687172	9685097	5000074975	4,172 48
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7706896	9454742	3000812614	3,836 35
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7706896	9454742	5000073823	3,836 35
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7744037	10437584	3000837908	2,001 12
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7833811	9641918	3000820941	450 00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7833811	9641918	5000074406	453 05
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7879383	9711353	5000074336	1,500 00

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

Source, SAP Detail G/L Number	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7993343	9882523	3000832206	60.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7993345	10273394	5000074583	1,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7993345	10931689	4700043438	(6,500.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8099180	10031999	3000832530	80.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8230646	10220149	3000840021	130.92
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8247265	10250794	5000073078	100.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8282771	10298100	5000073679	1,828.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8361254	10411090	5000073842	1,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8361626	10412798	5000073841	10,800.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8369170	10627117	3000833060	2,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8369602	10430848	5000074582	1,395.15
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8370878	10436138	5000073081	200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8373974	10444998	5000074577	5,290.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8376445	10451366	5000074584	1,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8377534	10453774	3000847941	13,570.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8380977	10465556	5000973312	10.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8388447	10735724	3000845756	500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8389923	10494376	3000823027	4,875.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8389923	10494376	3000824003	6,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8397144	10512085	4700043459	(1,500.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8397144	10512085	5000073847	1,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8424043	10592712	5000073226	100.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8429961	10667537	3000804310	1,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8438002	10628569	5000061141	250.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	3000820629	2,247.73
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000073993	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000074220	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000074359	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000074575	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000074842	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8440166	10871240	5000074981	416.67
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8456348	10677110	5000074585	10.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8462949	10696885	3000806731	5,220.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8476954	10746039	5000073819	10.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8479046	10751722	5000074019	1,500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8497266	10794847	4700042043	(250.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8497266	10794847	5000074594	215.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8522938	10828683	3000797310	20.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8522938	10828683	5000075068	20.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8526237	10832138	3000799435	125.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8534200	10843010	3000811575	1,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8534200	10843010	3000811757	1,000.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8534200	10843010	4700042311	(1,000.00)
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1027875	1102343	5000074810	50.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	7578383	9260425	5000074832	9,130.98
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8414494	10560239	5000074840	500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	5686179	9711352	5000074925	500.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	13262	2293	5000074952	550.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8381911	10469205	5000074979	1,800.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	1360189	1606182	5000074961	1,200.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8645538	10983877	3000846412	300.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	10303	297	5000075065	180.00
402840	Energy Svcs Sales	8000513	NON-STANDARD LAND LICENSE	8214506	10815837	3000847796	18,000.00
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	12899	2136	4700043616	(350.00)
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	12899	2136	5000074417	350.00
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	18536	5089144	5000073053	500.00

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Source	SAP Detail							
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	19698	9203282	5000073204	6,000.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	1112946	1411903	4700043467	(332.75)	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	1112946	1411903	5000074216	1,875.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	1305569	1496394	5000073058	1,250.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	1383808	1642823	5000073693	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	2094881	2561408	5000074197	1,000.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8013479	10436145	3000831593	1,800.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8064501	10580856	5000073180	5,673.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8107089	10077141	3000827863	39,270.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8147709	10095270	5000074337	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8147709	10095270	5000074836	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8165782	10126322	5000074326	4,500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8205975	10759711	5000073822	7,134.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8351098	10595848	5000073223	3,485.80	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8373720	10481904	5000073513	2,538.39	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8392704	10501290	5000073383	9,013.62	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8407615	10539392	5000074610	13,500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8424681	10593886	5000073227	1,000.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8429961	10667538	3000804178	2,443.79	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8462015	10694712	5000073529	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8481672	10757030	5000073997	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8485039	10764776	5000074570	6,000.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	8573154	10892796	3000822633	500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	6972388	8362184	5000074970	4,500.00	
402840	Energy Svcs Sales	8000515	MONITORING WELL LICENSE	10043	27	5000074942	2,268.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10040	8457940	5000074793	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10040	10543615	5000074331	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10040	10669712	5000074941	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10362	356	5000074014	1,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10772	9744554	5000073051	5,500.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11271	9267260	5000073201	2,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8430410	5000058543	34,646.25	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8430410	5000058544	34,646.25	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8430410	5000058545	34,646.25	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8430410	5000058546	34,646.25	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8395112	5000074949	1,996.50	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	11731	8395128	5000075066	1,331.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	14742	2914	5000073179	5,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	19698	8013779	5000073603	8,800.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	19698	9267227	5000074211	2,310.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	852875	9943973	5000073832	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	8389272	5000074341	2,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	8389273	5000074609	8,470.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	8392911	5000073515	605.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	8451806	5000075064	1,210.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	10273633	5000073381	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	10273634	5000073407	2,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	10297984	5000073601	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	859087	10444314	5000074224	11,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	903959	10552465	5000074360	4,800.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1074196	8476613	5000073886	1,331.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1102115	8427292	3000804643	0.01	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1102115	8427292	4700041628	(1,755.33)	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1102115	8427292	5000073236	1,755.33	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1102115	8427292	5000073237	1,755.32	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1180876	1557985	5000074791	1,815.00	

2019 RATE CASE
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Source	SAP Detail							
GL	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total	
Number								
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1189002	1347155	4700041978	(1,512.50)	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1189620	1332618	5000074358	1,512.50	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1224227	1375043	5000073057	1,520.87	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1225075	3689691	5000074390	2,420.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1225075	10037754	5000074391	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1263890	10424527	5000073845	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1273506	1438789	5000058773	1,089.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1273506	1438789	5000073604	3,041.75	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1343041	1574300	4700041917	(1,331.00)	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1343041	1574300	5000073506	1,331.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	1358888	9849861	5000073524	9,900.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	2136713	10273692	5000073393	4,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	2160365	3601515	4700043333	(7,000.00)	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	2160365	3601515	5000058713	7,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	2160365	3601515	5000058714	7,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	3024795	8463971	5000074418	4,840.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	3024795	8466852	5000074419	4,840.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	3090287	3490206	5000073975	1,210.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	3090287	9623065	5000074351	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	9301897	5000073208	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	9506622	5000073672	6,600.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	9535292	5000073995	6,600.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	9549007	5000074223	10,188.20	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	9574898	5000074364	2,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	10105786	5000074421	4,400.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	10105787	5000074422	4,400.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	10299150	5000073674	2,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	10299151	5000073673	5,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	5905967	10299152	5000073675	5,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6151032	8463955	5000074321	1,210.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6550978	10436139	5000073401	1,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6817816	8142143	5000073963	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6835888	10724175	5000074231	1,500.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6909060	9267279	5000073697	22,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6915962	10512567	5000074027	3,180.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6954338	837894	5000074233	1,210.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6954338	10287593	5000073210	6,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6954338	10464505	5000073066	12,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	6954338	10490797	5000073389	25,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7069413	10791207	5000074777	3,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7080912	8524354	5000074581	1,323.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7156165	10273450	5000073520	6,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7217755	10505268	5000073490	3,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7217755	10509616	5000073810	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7217755	10509617	5000073821	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7217755	10509618	5000074342	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7285562	8827116	5000073684	2,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7285565	8827119	5000074212	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7286817	8827126	4700043689	(1,100.00)	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7286817	8827126	5000073998	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7286817	8827126	5000073999	1,210.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7286817	9506626	5000073386	1,100.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7286817	9523495	5000073825	6,882.70	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7346021	9301899	5000073671	2,200.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7346021	10254548	5000073214	1,000.00	
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7346021	10273453	5000073380	4,000.00	

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402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7346021	10446433	5000074778	4,524.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7346021	10575454	5000073351	12,400.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7347596	10613176	5000073089	18,755.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7347826	8921371	5000074574	1,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7405541	9610028	3000838240	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7405541	9610028	4700043984	(1,100.00)
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7405541	9610028	5000074780	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7405541	9610031	5000074781	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7405541	10756402	5000074973	1,800.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7468947	9097295	5000073791	3,630.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7497740	9203283	5000074580	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7542207	9900195	5000073605	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	9267282	5000074210	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	9507340	5000074005	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	10583628	5000073071	1,200.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	10614381	3000815325	2,001.12
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	10614381	4700042240	(3,743.69)
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7584486	10614381	5000073391	32,742.57
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7614386	9318712	5000073072	7,792.24
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7734301	10444312	5000074591	3,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742143	9506628	5000073216	15,400.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742144	9506630	5000073512	8,800.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742144	9507343	5000073217	6,600.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742144	9875951	5000073378	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742145	9506631	5000074405	6,600.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742915	9507329	5000073676	2,200.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742915	10439336	5000073198	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7742915	10439336	3000845861	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7744037	9507331	5000073837	7,700.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7744037	9507333	5000074006	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7744037	9507336	5000074007	5,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7744038	9507345	5000073382	1,633.50
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7752957	9523498	5000073073	5,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7752957	9705549	5000074833	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7767899	9900241	5000073649	5,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7767899	9952378	5000073962	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7922775	9785002	5000073218	2,200.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7922775	10087425	5000074782	12,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7952948	9840505	5000073404	14,300.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8013479	10436145	5000074407	1,800.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8013479	10437539	5000073075	2,250.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8013479	10860459	3000813063	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8013479	10860459	5000074192	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8025404	10795828	3000804579	3,750.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8076126	10235263	5000074611	13,200.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8076126	10235265	5000074612	13,200.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8107089	10037755	5000074423	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8107089	10769031	5000073395	3,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8128679	10077096	5000074365	12,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8139168	10235235	5000074568	15,400.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8145391	10232390	5000073233	11,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8145391	10421908	5000073844	2,697.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8145391	10533728	5000074325	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8210976	10220127	5000073168	10,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8210976	10657631	5000074931	3,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8244908	10241651	5000074605	4,300.00

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402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8282738	10297987	5000073221	10,800.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8336932	10444308	5000073519	11,394.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8336934	10372535	5000073947	4,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8336934	10575453	5000073222	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8351098	10623223	5000073829	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8361147	10424528	5000073976	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8361147	10425787	5000074352	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8373719	10444307	5000073836	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8373720	10444309	5000074222	3,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8382846	10472712	5000074597	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8389920	10494366	5000073650	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8389920	10613154	5000074595	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8389921	10494369	5000073492	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8392629	10501271	5000073677	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8396385	10510747	5000073859	3,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8399360	10518053	5000074000	2,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8418668	10596080	5000074226	6,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8425869	10738439	5000073662	4,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8431615	10613172	5000073516	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8445006	10645746	3000825155	6,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8445006	10645746	4700042871	(6,000.00)
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8445006	10645746	5000073824	6,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8450849	10853230	5000073631	1,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8458783	10684996	5000073705	1,500.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	8477362	10747907	5000074185	1,815.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7578383	9267221	5000074974	9,765.63
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7069348	10578147	5000074828	1,000.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	7865423	9692293	5000074834	1,100.00
402840	Energy Svcs Sales	8000516	PIPELINE MAINTENANCE FEE	10455	456	5000074947	4,320.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10098	869073	3000803412	417.26
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10118	112	3000810867	2,300.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000798909	19,211.12
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000804254	288.17
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000810171	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000814038	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000818622	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000824643	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000829154	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000834219	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000839808	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000844581	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10134	128	3000847605	21,342.76
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	10212	1228593	3000803413	200.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	11281	868543	3000803544	150.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	11401	868860	3000809794	54,103.03
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	12821	868364	3000803410	1,100.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13112	868439	3000809760	47,202.96
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13321	869006	3000803538	1,650.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13391	868948	3000803540	100.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13523	8297	3000803323	100.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13524	868141	3000803324	300.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13525	868144	3000803406	250.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13527	868363	3000803409	450.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	13572	2942	3000809762	518,872.28
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	14061	868432	3000803411	220.00
402840	Energy Svcs Sales	8006601	POLE ATTACHMENT	14062	868499	3000803542	150.00

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402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14062	868499	3000803543	1,150.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14062	868499	4700041640	(150.00)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14063	868540	3000803565	100.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14082	869070	3000809788	114,123.50
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14082	869070	3000819494	109,632.48
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14082	869070	4700042473	(114,123.50)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14128	2648	3000803414	200.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14132	2652	3000803536	200.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14777	2945	3000809792	24,121.43
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	14981	3040	3000809755	7,439.06
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	18413	7816	3000809674	3,445,616.95
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	19001	1118455	3000803539	300.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	893093	895721	3000803405	7,650.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1098978	1208005	3000809786	33,630.67
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1227949	1379693	3000803408	100.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1251742	1410857	3000803537	100.00
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1255256	1414555	3000809672	113,459.43
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1255256	1414555	3000815987	10,211.35
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1255256	1414555	4700042534	(10,211.35)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	1255997	1415409	3000809757	45,414.83
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	2075895	10469206	3000809756	18,308.97
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	2075895	10469206	3000809825	1,720.16
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	2080192	2354597	3000809670	7,089.53
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	2080193	2354598	3000809789	3,680.74
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	3078771	3473225	3000809785	2,267.06
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5675036	7015653	3000809787	95,992.32
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5743523	6537574	3000809763	8,982.22
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5743523	6537574	3000822447	1,061.21
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5743523	6537574	4700042941	(1,061.21)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5909963	6790164	3000809793	1,040.94
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5909963	6790164	3000809827	948.02
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5909963	6790164	4700042102	(1,040.94)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	5909963	6790164	4700042103	(948.02)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6194344	7218848	3000809758	21,274.16
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6194344	7218848	3000809826	4,877.51
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6214839	7248869	3000809671	80,588.38
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6214839	7248869	3000815854	7,252.95
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6214839	7248869	4700042545	(7,252.95)
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6475278	7646742	3000809791	23,905.84
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6475278	7646742	3000818814	390.63
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6475278	7646742	3000834221	1,147.04
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	6475278	7646742	3000847756	1,196.72
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	7345455	8917133	3000809673	15,015.60
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	7949589	9818635	3000809764	45,014.79
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8183751	10145448	3000809759	7,760.54
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8283084	10298513	3000809790	117,611.28
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8346962	10388296	3000812608	1,040.94
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8346962	10388296	3000812609	948.02
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000798910	32,218.16
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000804281	32,218.16
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000808523	32,218.16
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000813991	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000818621	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000824644	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000829175	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000834220	43,223.57

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

Source	SAP Detail	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
GL	GL Name						
Number							
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000839807	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000844582	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8412181	10552737	3000847606	43,223.57
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8422859	10588547	3000809761	48,055.87
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8461887	10693444	3000809828	440.07
402840	Energy Svcs Sales	800601	POLE ATTACHMENT	8461887	10693444	3000818807	6.60
402840	Energy Svcs Sales	8500472	POLE AUDIT	14082	869070	4700043069	(3,171.20)
402840	Energy Svcs Sales	8500472	POLE AUDIT	14082	869070	4700043228	(285.41)
402840	Energy Svcs Sales	8500474	POLE PERMITS	10134	128	3000795174	1,440.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	10134	128	3000810095	2,256.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	10134	128	3000825124	9,564.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	10134	128	3000839803	1,584.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	11401	868860	3000795185	5,304.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	11401	868860	3000810084	10,056.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	11401	868860	3000825123	16,584.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	11401	868860	3000839802	26,628.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	13112	868439	3000795187	408.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	13112	868439	3000825118	972.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	13112	868439	3000839797	624.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	13572	2942	3000825136	36.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	14082	869070	4700043227	(6.48)
402840	Energy Svcs Sales	8500474	POLE PERMITS	14777	2945	3000795168	192.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	14777	2945	3000810099	192.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	14777	2945	3000825138	120.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	14777	2945	3000825163	120.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	14777	2945	4700042942	(120.00)
402840	Energy Svcs Sales	8500474	POLE PERMITS	14981	3040	4700043226	(32.40)
402840	Energy Svcs Sales	8500474	POLE PERMITS	18413	7816	3000795167	8,568.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	18413	7816	3000810078	12,468.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	18413	7816	3000825064	19,032.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	18413	7816	3000839795	11,208.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255256	1414555	3000810077	36.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255256	1414555	3000815988	3.24
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255256	1414555	4700042535	(3.24)
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255997	1415409	3000795189	3,420.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255997	1415409	3000810080	660.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255997	1415409	3000815990	59.40
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255997	1415409	3000825116	2,424.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	1255997	1415409	3000839796	168.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	2075895	10469206	3000795258	5,256.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	2075895	10469206	3000810079	3,336.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	2075895	10469206	3000825115	972.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	2080192	2354597	3000810076	300.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	2080192	2354597	3000825062	168.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	3000799908	38.88
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	3000810083	960.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	3000825120	612.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	3000839800	300.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042890	(100.80)
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042891	(14.40)
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042892	(28.80)
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042893	(28.80)
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042894	(57.60)
402840	Energy Svcs Sales	8500474	POLE PERMITS	5743523	6537574	4700042940	(38.88)
402840	Energy Svcs Sales	8500474	POLE PERMITS	6194344	7218848	3000810081	852.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	6194344	7218848	3000825117	6,504.00

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

Source	SAP Detail						
G/L	GL Name	Material	Material Code Name	Sold-to pt	Cont Acct	Bill Doc	Total
402840	Energy Svcs Sales	8500474	POLE PERMITS	6475278	7646742	3000795170	276.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	6475278	7646742	3000810098	1,032.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	6475278	7646742	3000825137	1,656.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	6475278	7646742	3000839805	468.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	7949589	9818635	3000795186	432.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	7949589	9818635	3000825122	8,160.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	7949589	9818635	3000839801	3,204.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8183751	10145448	3000795188	1,392.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8183751	10145448	3000810082	2,148.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8346962	10388296	3000795166	192.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8346962	10388296	3000810100	216.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8346962	10388296	3000825139	291.42
402840	Energy Svcs Sales	8500474	POLE PERMITS	8346962	10388296	3000827843	224.58
402840	Energy Svcs Sales	8500474	POLE PERMITS	8346962	10388296	3000839806	36.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8412181	10552737	3000795172	17,724.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8412181	10552737	3000810096	26,724.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8412181	10552737	3000825135	22,008.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8412181	10552737	3000839804	13,272.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8422859	10588547	3000795713	19,284.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8422859	10588547	3000810097	13,368.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8422859	10588547	3000825119	11,040.00
402840	Energy Svcs Sales	8500474	POLE PERMITS	8422859	10588547	3000839799	8,136.00
402840	Energy Svcs Sales	8500481	WI-FI ATTACHMENT	10042	6389845	3000826077	140,489.44

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

FF #	Description	FF Label	TRAN	DIST	MET	TDCS	TOTAL
1	Direct Assigned	DA	0.0%	0.0%	0.0%	0.0%	0.0%
2	Transmission	TRAN	100.0%	0.0%	0.0%	0.0%	100.0%
3	Distribution	DIST	0.0%	100.0%	0.0%	0.0%	100.0%
4	Metering	MET	0.0%	0.0%	100.0%	0.0%	100.0%
5	TDCS	TDCS	0.0%	0.0%	0.0%	100.0%	100.0%
6	Total Revenue Requirement [1]	TOTREV					
7	Total O&M Expense, excluding Fuel & Purchased Power	TOMXFP(565)					
8	Total O&M and A&G, excluding Fuel & Purchased Power [1]	OMAGXFP(565)	17.3%	66.0%	6.7%	10.0%	100.0%
9	DIST Operations composite allocator (FERC accounts 581-587 & 589)	DISTOPX					
10	Composite allocator (FERC accounts 902 & 903)	C902_3					
11	Composite allocator (FERC accounts 906, 908 & 909)	C906_9					
12	Personnel-related	PAYXAG	19.8%	73.8%	0.2%	6.2%	100.0%
13	General Plant - Net	GNLPLT-N	21.4%	66.4%	5.5%	6.7%	100.0%
14	Net Plant, excluding General Plant	PLTXGNL-N					
15	Net Plant in Service	PLTSVC-N	35.7%	60.7%	2.5%	1.0%	100.0%
16	Net Plant in Service, excluding Intangible Plant	PLTSVC-NX					
17	Transmission Substation Plant Account 353	TPLNT353					
18	Distribution Substation Plant Account 362	DPLNT362					
19	Property Tax	ADTAXEXP					
20	Total Rate Base	TRTBSE					
21	Total Gross Plant in Service	GPLT	31.8%	64.0%	3.0%	1.2%	100.0%
22	Misc Intangible Plant - MF S/W (Not Used)	E30301	0.0%	0.0%	0.0%	0.0%	0.0%
23	Misc Intangible Plant - NMF S/W	E30302	1.8%	32.7%	39.0%	26.5%	100.0%
24	Land and Land Fees (Not Used)	E31001	0.0%	0.0%	0.0%	0.0%	0.0%
25	Land and Land Fees	E35001	98.4%	1.6%	0.0%	0.0%	100.0%
26	Land and Land Rights	E35002	100.0%	0.0%	0.0%	0.0%	100.0%
27	Structures and Improvements	E35201	96.5%	3.5%	0.0%	0.0%	100.0%
28	Station Equipment	E35301	92.2%	7.8%	0.0%	0.0%	100.0%
29	Towers and Fixtures	E35401	100.0%	0.0%	0.0%	0.0%	100.0%
30	Poles, Towers and Fixtures	E35501	100.0%	0.0%	0.0%	0.0%	100.0%
31	Overhead Conductors and Devices	E35601	100.0%	0.0%	0.0%	0.0%	100.0%
32	Underground Conduit	E35701	100.0%	0.0%	0.0%	0.0%	100.0%
33	Underground Conductors and Devices	E35801	100.0%	0.0%	0.0%	0.0%	100.0%
34	Roads and Trails	E35901	100.0%	0.0%	0.0%	0.0%	100.0%
35	Land and Land Fees	E36001	57.9%	42.1%	0.0%	0.0%	100.0%
36	Land and Land Rights	E36002	5.2%	94.8%	0.0%	0.0%	100.0%
37	Structures and Improvements	E36101	34.6%	65.4%	0.0%	0.0%	100.0%
38	Station Equipment	E36201	37.4%	62.6%	0.0%	0.0%	100.0%
39	Poles, Towers, and Fixtures	E36401	0.0%	100.0%	0.0%	0.0%	100.0%
40	Overhead Conductors and Devices	E36501	0.0%	100.0%	0.0%	0.0%	100.0%
41	Underground Conduit	E36601	0.0%	100.0%	0.0%	0.0%	100.0%
42	Underground Conductors and Devices	E36701	0.0%	100.0%	0.0%	0.0%	100.0%
43	Line Transformers	E36801	0.0%	100.0%	0.0%	0.0%	100.0%

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

FF #	Description	FF Label	TRAN	DIST	MET	TDCS	TOTAL
44	Services	E36901	0.0%	100.0%	0.0%	0.0%	100.0%
45	Meters	E37001	0.0%	0.0%	100.0%	0.0%	100.0%
46	Automated Meters	E37003	0.0%	0.0%	100.0%	0.0%	100.0%
47	Street Lighting and Signal Systems	E37301	0.0%	100.0%	0.0%	0.0%	100.0%
48	Security Lighting (Not Used)	E37401	0.0%	0.0%	0.0%	0.0%	0.0%
49	Land and Land Fees	E38901	3.4%	95.5%	0.9%	0.2%	100.0%
50	Land and Land Rights	E38902	0.3%	91.2%	0.7%	7.8%	100.0%
51	Structures and Improvements	E39001	12.4%	85.7%	1.1%	0.7%	100.0%
52	Office Furniture and Equipment	E39101	7.9%	70.6%	0.9%	20.6%	100.0%
53	Transportation Equipment	E39201	26.4%	60.0%	3.6%	9.9%	100.0%
54	Stores Equipment	E39301	29.6%	69.0%	1.4%	0.0%	100.0%
55	Tools, Shop and Engine Equipment	E39401	0.8%	98.0%	1.2%	0.0%	100.0%
56	Laboratory Equipment	E39501	0.0%	17.5%	79.1%	3.4%	100.0%
57	Power Operated Equipment	E39601	46.5%	36.0%	0.7%	16.8%	100.0%
58	Communication Equipment	E39701	20.0%	63.2%	7.1%	9.7%	100.0%
59	Computer Equipment	E39702	18.6%	65.9%	6.6%	9.0%	100.0%
60	Miscellaneous Equipment	E39801	17.1%	69.6%	0.7%	12.6%	100.0%
61	Meters (Not Used)	E37002	0.0%	0.0%	0.0%	0.0%	0.0%
62	Install. on Customer Prem. (Not Used)	E37101	0.0%	0.0%	0.0%	0.0%	0.0%

Note: Items without numbers are not used within the workpaper file.

Cells Shaded Blue are hard-coded and shall be updated according to the instructions in CEHE RFP Information and Instructions.docx

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
INTANGIBLE PLANT			
E303	Miscellaneous Intangible Plant	This asset class consists of software, including SAP	294,739,609.30
		* These assets were assigned to the various functional areas based on analysis of cost centers provided by the IT Business Services group.	
	Subtotal Miscellaneous Intangible Plant		<u>294,739,609.30</u>
	Subtotal Intangible Plant		<u>294,739,609.30</u>
TRANSMISSION PLANT			
E35001	Land Owned in Fee	This asset class consists of fee land for transmission lines and transmission	49,328,223.26
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. Those estimates were provided by Substation Electric Design & Planning.	
	Subtotal of Land Owned in Fee		<u>49,328,223.26</u>
E35002	Land Rights	This asset class consists of land rights for transmission lines and for transmission substations.	100,986,142.53
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.	
	Subtotal for Land Rights		<u>100,986,142.53</u>
E35201	Structures and Improvements	This asset class consists of structures and improvements within transmission substations and transmission lines.	202,221,912.88
		* The substation assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362	
	Subtotal Structures and Improvements		<u>202,221,912.88</u>

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
INTANGIBLE PLANT							
E303	Miscellaneous Intangible Plant	This asset class consists of software, including SAP.					
		* These assets were assigned to the various functional areas based on analysis of cost centers provided by the IT Business Services group.					
			5,167,780.33	96,475,886.97	114,879,068.08	78,216,873.91	
	Subtotal Miscellaneous Intangible Plant		5,167,780.33	96,475,886.97	114,879,068.08	78,216,873.91	0.00
	Subtotal Intangible Plant		5,167,780.33	96,475,886.97	114,879,068.08	78,216,873.91	0.00
TRANSMISSION PLANT							
E35001	Land Owned in Fee	This asset class consists of fee land for transmission lines and transmission substations.					
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.					
			48,522,378.82	805,844.44	0.00	0.00	
	Subtotal of Land Owned in Fee		48,522,378.82	805,844.44	0.00	0.00	0.00
E35002	Land Rights	This asset class consists of land rights for transmission lines and for transmission substations.					
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.					
			100,984,131.20	2,011.33	0.00	0.00	
	Subtotal for Land Rights		100,984,131.20	2,011.33	0.00	0.00	0.00
E35201	Structures and Improvements	This asset class consists of structures and improvements within transmission substations and transmission lines.					
		* The substation assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.					
			195,206,707.31	7,015,205.57	0.00	0.00	
	Subtotal Structures and Improvements		195,206,707.31	7,015,205.57	0.00	0.00	0.00

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Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
INTANGIBLE PLANT						
E303	Miscellaneous Intangible Plant	This asset class consists of software, including SAP				
		* These assets were assigned to the various functional areas based on analysis of cost centers provided by the IT Business Services group				
	Subtotal Miscellaneous Intangible Plant		1.7533%	32.7326%	38.9765%	26.5376%
	Subtotal Intangible Plant		1.7533%	32.7326%	38.9765%	26.5376%
TRANSMISSION PLANT						
E35001	Land Owned in Fee	This asset class consists of fee land for transmission lines and transmission				
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.				
	Subtotal of Land Owned in Fee		98.3664%	1.6336%	0.0000%	0.0000%
E35002	Land Rights	This asset class consists of land rights for transmission lines and for transmission substations.				
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.				
	Subtotal for Land Rights		99.9980%	0.0020%	0.0000%	0.0000%
E35201	Structures and Improvements	This asset class consists of structures and improvements within transmission substations and transmission lines.				
		* The substation assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.				
	Subtotal Structures and Improvements		96.5309%	3.4691%	0.0000%	0.0000%

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Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
E35301	Station Equipment	This asset class consists of station equipment at transmission substations and generating station substations	993,650,565.77
		* These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Project Engineering	
	Subtotal Station Equipment		<u>993,650,565.77</u>
E35401	Towers and Fixtures	This asset class consists of transmission towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	844,559,604.94
	Subtotal Towers and Fixtures		<u>844,559,604.94</u>
E35501	Poles, Towers and Fixtures	This asset class consists of transmission poles, towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	124,988,758.89
	Subtotal Poles, Towers and Fixtures		<u>124,988,758.89</u>
E35601	Overhead Conductors and Devices	This asset class consists of transmission overhead conductors & devices. These assets were assigned to Transmission based on the functionality of the account.	612,374,412.63
	Subtotal Overhead Conductors and Devices		<u>612,374,412.63</u>
E35701	Underground Conduit	This asset class consists of transmission underground conduit. These assets were assigned to Transmission based on the functionality of the account.	38,059,655.95
E35801	Underground Conductors and Devices	This asset class consists of transmission underground conductors & devices. These assets were assigned to Transmission based on the functionality of the account.	14,661,443.81
E35901	Roads and Trails	This asset class consists of transmission roads & trails. These assets were assigned to Transmission based on the functionality of the account.	81,533,231.33
	Subtotal Roads and Trails		<u>81,533,231.33</u>
	Subtotal Transmission Plant		<u>3,062,363,961.99</u>

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Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
E35301	Station Equipment	This asset class consists of station equipment at transmission substations and generating station substations. * These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Project Engineering					
	Subtotal Station Equipment		916,041,505.81	77,609,059.96	0.00	0.00	0.00
E35401	Towers and Fixtures	This asset class consists of transmission towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	844,559,604.94	0.00	0.00	0.00	
	Subtotal Towers and Fixtures		844,559,604.94	0.00	0.00	0.00	0.00
E35501	Poles, Towers and Fixtures	This asset class consists of transmission poles, towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.	124,988,758.89	0.00	0.00	0.00	
	Subtotal Poles, Towers and Fixtures		124,988,758.89	0.00	0.00	0.00	0.00
E35601	Overhead Conductors and Devices	This asset class consists of transmission overhead conductors & devices. These assets were assigned to Transmission based on the functionality of the account.	612,374,412.63	0.00	0.00	0.00	
	Subtotal Overhead Conductors and Devices		612,374,412.63	0.00	0.00	0.00	0.00
E35701	Underground Conduit	This asset class consists of transmission underground conduit. These assets were assigned to Transmission based on the functionality of the account.	38,059,655.95	0.00	0.00	0.00	0.00
E35801	Underground Conductors and Devices	This asset class consists of transmission underground conductors & devices. These assets were assigned to Transmission based on the functionality of the account.	14,661,443.81	0.00	0.00	0.00	0.00
E35901	Roads and Trails	This asset class consists of transmission roads & trails. These assets were assigned to Transmission based on the functionality of the account.	81,533,231.33	0.00	0.00	0.00	
	Subtotal Roads and Trails		81,533,231.33	0.00	0.00	0.00	0.00
	Subtotal Transmission Plant		2,076,831,830.69	85,432,121.30	0.00	0.00	

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Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
E35301	Station Equipment	This asset class consists of station equipment at transmission substations and generating station substations. * These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Project Engineering				
	Subtotal Station Equipment		92.1896%	7.8105%	0.0000%	0.0000%
E35401	Towers and Fixtures	This asset class consists of transmission towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Towers and Fixtures		100.0000%	0.0000%	0.0000%	0.0000%
E35501	Poles, Towers and Fixtures	This asset class consists of transmission poles, towers & fixtures. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Poles, Towers and Fixtures		100.0000%	0.0000%	0.0000%	0.0000%
E35601	Overhead Conductors and Devices	This asset class consists of transmission overhead conductors & devices. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Overhead Conductors and Devices		100.0000%	0.0000%	0.0000%	0.0000%
E35701	Underground Conduit	This asset class consists of transmission underground conduit. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Underground Conduit		100.0000%	0.0000%	0.0000%	0.0000%
E35801	Underground Conductors and Devices	This asset class consists of transmission underground conductors & devices. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Underground Conductors and Devices		100.0000%	0.0000%	0.0000%	0.0000%
E35901	Roads and Trails	This asset class consists of transmission roads & trails. These assets were assigned to Transmission based on the functionality of the account.				
	Subtotal Roads and Trails		100.0000%	0.0000%	0.0000%	0.0000%
	Subtotal Transmission Plant		97.2103%	2.7897%	0.0000%	0.0000%

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Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
DISTRIBUTION PLANT			
E36001	Land Owned in Fee	This asset class consists of fee land within distribution substations and distribution lines.	31,120,482.07
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.	
	Subtotal Land Owned in Fee		<u>31,120,482.07</u>
E36002	Land Rights	This asset class consists of land rights within distribution substations and distribution lines.	1,175,408.31
		* The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.	
	Subtotal Land Rights		<u>1,175,408.31</u>
E36101	Structures and Improvements	This asset consists of structures and improvements at distribution substations. These assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.	105,322,417.45
E36201	Station Equipment	This asset class consists of station equipment at distribution substations.	1,210,967,165.25
		* These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Substation Electric Design & Planning Group.	
		Plant Adjustment	
	Subtotal Station Equipment		<u>1,210,967,165.25</u>
E36401	Poles, Towers, and Fixtures	This asset class consists of distribution poles, towers & fixtures. These assets were assigned to distribution based on the functionality of the account.	833,783,398.52
	Subtotal Poles, Towers, and Fixtures		<u>833,783,398.52</u>
E36501	Overhead Conductors and Devices	This asset class consists of distribution overhead conductors & devices. These assets were assigned to Distribution based on the functionality of the account.	1,006,923,474.68

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Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
DISTRIBUTION PLANT							
E36001	Land Owned in Fee	This asset class consists of fee land within distribution substations and distribution lines. * The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.	18,025,875.74	13,094,606.33	0.00	0.00	
Subtotal Land Owned in Fee			18,025,875.74	13,094,606.33	0.00	0.00	0.00
E36002	Land Rights	This asset class consists of land rights within distribution substations and distribution lines. * The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.	61,041.37	1,114,366.94	0.00	0.00	
Subtotal Land Rights			61,041.37	1,114,366.94	0.00	0.00	0.00
E36101	Structures and Improvements	This asset consists of structures and improvements at distribution substations. These assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.	36,464,889.21	68,857,528.24	0.00	0.00	0.00
E36201	Station Equipment	This asset class consists of station equipment at distribution substations. * These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Substation Electric Design & Planning Group Plant Adjustment	452,923,106.50	758,044,058.75	0.00	0.00	
Subtotal Station Equipment			452,923,106.50	758,044,058.75	0.00	0.00	0.00
E36401	Poles, Towers, and Fixtures	This asset class consists of distribution poles, towers & fixtures. These assets were assigned to distribution based on the functionality of the account.	0.00	833,783,398.52	0.00	0.00	
Subtotal Poles, Towers, and Fixtures			0.00	833,783,398.52	0.00	0.00	0.00
E36501	Overhead Conductors and Devices	This asset class consists of distribution overhead conductors & devices. These assets were assigned to Distribution based on the functionality of the account.	0.00	1,006,923,474.68	0.00	0.00	0.00

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Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
DISTRIBUTION PLANT						
E36001	Land Owned in Fee	This asset class consists of fee land within distribution substations and distribution lines. * The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.				
	Subtotal Land Owned in Fee		57.9229%	42.0771%	0.0000%	0.0000%
E36002	Land Rights	This asset class consists of land rights within distribution substations and distribution lines. * The land for substations was assigned to Transmission and/or Distribution based on estimates of acreage occupied by the transmission and distribution equipment at each substation. These estimates were provided by Substation Electric Design & Planning.				
	Subtotal Land Rights		5.1932%	94.8068%	0.0000%	0.0000%
E36101	Structures and Improvements	This asset consists of structures and improvements at distribution substations. These assets were assigned to Transmission and/or Distribution based upon the weighted average of Substation equipment in accounts 353 and 362.				
	Subtotal Station Equipment		34.6222%	65.3778%	0.0000%	0.0000%
E36201	Station Equipment	This asset class consists of station equipment at distribution substations. * These assets were assigned to Transmission and/or Distribution based upon the analysis of assets by Substation Electric Design & Planning Group Plant Adjustment				
	Subtotal Station Equipment		37.4018%	62.5982%	0.0000%	0.0000%
E36401	Poles, Towers, and Fixtures	This asset class consists of distribution poles, towers & fixtures. These assets were assigned to distribution based on the functionality of the account.				
	Subtotal Poles, Towers, and Fixtures		0.0000%	100.0000%	0.0000%	0.0000%
E36501	Overhead Conductors and Devices	This asset class consists of distribution overhead conductors & devices. These assets were assigned to Distribution based on the functionality of the account.				
	Subtotal Overhead Conductors and Devices		0.0000%	100.0000%	0.0000%	0.0000%

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Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
E36601	Underground Conduit	This asset class consists of distribution underground conduit. These assets were assigned to Distribution based on the functionality of the account.	588,157,680.49
E36701	Underground Conductor and Devices	This asset class consists of distribution underground conductors & devices. These assets were assigned to Distribution based on the functionality of the account.	1,066,789,519.50
E36801	Line Transformers	This asset class consists of distribution line transformers. These assets were assigned to Distribution based on the functionality of the account.	
	Subtotal Line Transformers		<u>1,376,452,968.56</u> <u>1,376,452,968.56</u>
E36901	Services	This asset class consists of distribution services. These assets were assigned to Distribution based on the functionality of the account.	200,436,671.20
E37001	Meters	This asset class consists of metering equipment.	<u>78,336,384.47</u> <u>78,336,384.47</u>
E37003	Automated Meters	This asset class consists of metering equipment.	<u>179,723,535.57</u>
E37301, E37302 & E37401	Street Lighting & Signal Systems and Security Lighting	This asset class consists of street lighting equipment.	617,498,610.62

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Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
E36601	Underground Conduit	This asset class consists of distribution underground conduit. These assets were assigned to Distribution based on the functionality of the account.	0.00	588,157,680.49	0.00	0.00	0.00
E36701	Underground Conductor and Devices	This asset class consists of distribution underground conductors & devices. These assets were assigned to Distribution based on the functionality of the account.	0.00	1,066,789,519.50	0.00	0.00	0.00
E36801	Line Transformers	This asset class consists of distribution line transformers. These assets were assigned to Distribution based on the functionality of the account.	0.00	1,376,452,968.56	0.00	0.00	0.00
	Subtotal Line Transformers		<u>0.00</u>	<u>1,376,452,968.56</u>	<u>0.00</u>	<u>0.00</u>	0.00
E36901	Services	This asset class consists of distribution services. These assets were assigned to Distribution based on the functionality of the account.	0.00	200,436,671.20	0.00	0.00	0.00
E37001	Meters	This asset class consists of metering equipment.	<u>0.00</u>	<u>0.00</u>	<u>78,336,384.47</u>	<u>0.00</u>	0.00
E37003	Automated Meters	This asset class consists of metering equipment.	<u>0.00</u>	<u>0.00</u>	<u>179,725,535.57</u>	<u>0.00</u>	0.00
E37301, E37302 & E37401	Street Lighting & Signal Systems and Security Lighting	This asset class consists of street lighting equipment.					

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Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
E36601	Underground Conduit	This asset class consists of distribution underground conduit. These assets were assigned to Distribution based on the functionality of the account.				
			0.0000%	100.0000%	0.0000%	0.0000%
E36701	Underground Conductor and Devices	This asset class consists of distribution underground conductors & devices. These assets were assigned to Distribution based on the functionality of the account.				
			0.0000%	100.0000%	0.0000%	0.0000%
E36801	Line Transformers	This asset class consists of distribution line transformers. These assets were assigned to Distribution based on the functionality of the account.				
	Subtotal Line Transformers		0.0000%	100.0000%	0.0000%	0.0000%
E36901	Services	This asset class consists of distribution services. These assets were assigned to Distribution based on the functionality of the account.				
			0.0000%	100.0000%	0.0000%	0.0000%
E37001	Meters	This asset class consists of metering equipment.				
			0.0000%	0.0000%	100.0000%	0.0000%
E37003	Automated Meters	This asset class consists of metering equipment.				
			0.0000%	0.0000%	100.0000%	0.0000%
E37301, E37302 & E37401	Street Lighting & Signal Systems and Security Lighting	This asset class consists of street lighting equipment.				

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Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
		* These assets were assigned to Distribution.	
	Subtotal Street Lighting & Signal Systems and Security Lighting		<u>617,498,610.62</u>
	Subtotal Distribution Plant		<u>7,296,689,716.69</u>
GENERAL PLANT			
E38901	Land Owned in Fee	This asset class consists of fee land used for service centers, office buildings and microwave stations	27,581,007.75
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.	
		* The assets consisting of the five microwave stations were assigned based upon the EMPLNUM functionalization factor.	
	Subtotal Land Owned in Fee		<u>27,581,007.75</u>
E38902	Land Rights	This asset class consists of land rights used for service centers and office buildings.	154,399.83
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.	
	Subtotal Land Rights		<u>154,399.83</u>
E39001	Structures and Improvements	This asset class consists of structures & improvements for service centers and office buildings. These assets were analyzed at the PSEC level.	242,412,872.23
		* Most assets were assigned to the various Functional Areas based on the total square footage of occupancy of the Functional Area within the Site. The Functional Areas were then assigned a value based upon the cost per square foot.	
	Subtotal Structures and Improvements		<u>242,412,872.23</u>
E39101	Office Furniture and Equipment	This asset class consists of office furniture & equipment located at the service centers, office buildings and warehouses	11,134,603.39

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Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
		* These assets were assigned to Distribution.					
			0.00	617,498,610.62	0.00	0.00	
	Subtotal Street Lighting & Signal Systems and Security Lighting		0.00	617,498,610.62	0.00	0.00	0.00
	Subtotal Distribution Plant		607,474,912.82	6,531,152,883.83	258,061,920.04	0.00	
GENERAL PLANT							
E38901	Land Owned in Fee	This asset class consists of fee land used for service centers, office buildings and microwave stations.					
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390					
		* The assets consisting of the five microwave stations were assigned based upon the EMPLNUM functionalization factor.	896,572.00	26,235,745.73	248,256.22	48,851.25	
	Subtotal Land Owned in Fee		30,361.97	95,785.02	10,792.67	14,642.89	0.00
			926,933.97	26,331,530.75	259,048.89	63,494.14	0.00
E38902	Land Rights	This asset class consists of land rights used for service centers and office buildings.					
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390					
	Subtotal Land Rights		490.10	140,767.43	1,031.52	12,110.78	0.00
			490.10	140,767.43	1,031.52	12,110.78	0.00
E39001	Structures and Improvements	This asset class consists of structures & improvements for service centers and office buildings. These assets were analyzed at the PSEC level.					
		* Most assets were assigned to the various Functional Areas based on the total square footage of occupancy of the Functional Area within the Site. The Functional Areas were then assigned a value based upon the cost per square foot.					
	Subtotal Structures and Improvements		30,118,153.06	207,859,378.36	2,744,618.94	1,690,721.87	0.00
			30,118,153.06	207,859,378.36	2,744,618.94	1,690,721.87	0.00
E39101	Office Furniture and Equipment	This asset class consists of office furniture & equipment located at the service centers, office buildings and warehouses					

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Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
		* These assets were assigned to Distribution.				
	Subtotal Street Lighting & Signal Systems and Security Lighting		0.0000%	100.0000%	0.0000%	0.0000%
	Subtotal Distribution Plant		6.9540%	88.6084%	3.6367%	0.0000%
GENERAL PLANT						
E38901	Land Owned in Fee	This asset class consists of fee land used for service centers, office buildings and microwave stations				
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.				
		* The assets consisting of the five microwave stations were assigned based upon the EMPLNUM functionalization factor.				
	Subtotal Land Owned in Fee		3.3608%	95.4698%	0.9392%	0.2302%
E38902	Land Rights	This asset class consists of land rights used for service centers and office buildings				
		* These assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.				
	Subtotal Land Rights		0.3174%	91.1707%	0.8681%	7.8438%
E39001	Structures and Improvements	This asset class consists of structures & improvements for service centers and office buildings. These assets were analyzed at the PSEC level				
		* Most assets were assigned to the various Functional Areas based on the total square footage of occupancy of the Functional Area within the Site. The Functional Areas were then assigned a value based upon the cost per square foot.				
	Subtotal Structures and Improvements		12.4243%	85.7460%	1.1322%	0.6975%
E39101	Office Furniture and Equipment	This asset class consists of office furniture & equipment located at the service centers, office buildings and warehouses.				

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

EPIS as of December 31, 2018
 Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
		* Most assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390	
	Subtotal Office Furniture and Equipment		<u>11,134,603.39</u>
E39201	Transportation Equipment	This asset class consists of transportation equipment throughout each of the functional areas.	136,383,158.13
		* Most assets were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments. Information regarding these assignments was provided by Fleet Maintenance	
	Total Transportation Equipment		<u>136,383,158.13</u>
E39301	Stores Equipment	This asset class consists of stores equipment for service centers and generation	210,122.41
		* Assets for the CEHE Service Centers, with the exclusion of South Houston, were assigned to Distribution.	
		* The assets in PSEC 734, South Houston Complex, were assigned as follows: 61% Distribution, 33% Transmission, and 6% Metering. These allocations were based upon an analysis of M & S Inventory by Purchasing & Logistics	
	Subtotal Stores Equipment		<u>210,122.41</u>
E39401	Tools, Shop and Garage Equipment	This asset class consists of tools, shop and engine equipment located at service centers, office buildings and generation facilities. They were analyzed at the	15,431,018.58
		* These PSECs were divided into Distribution, Metering, and/or Transmission based on the total square footage, occupied by the functional areas, of the facility's garage	
	Subtotal Tools, Shop and Garage Equipment		<u>15,431,018.58</u>

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
		* Most assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.	878,018.69	7,860,269.62	99,346.79	2,296,968.29	
	Subtotal Office Furniture and Equipment		878,018.69	7,860,269.62	99,346.79	2,296,968.29	0.00
E39201	Transportation Equipment	This asset class consists of transportation equipment throughout each of the functional areas.					
		* Most assets were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments. Information regarding these assignments was provided by Fleet Maintenance.	36,062,130.39	1,849,657.57	4,940,247.24	13,531,122.93	
	Total Transportation Equipment		36,062,130.39	1,849,657.57	4,940,247.24	13,531,122.93	0.00
E39301	Stores Equipment	This asset class consists of stores equipment for service centers and generation					
		* Assets for the CEHE Service Centers, with the exclusion of South Houston, were assigned to Distribution	0.00	62,038.12	0.00	0.00	
		* The assets in PSEC 734, South Houston Complex, were assigned as follows: 61% Distribution, 33% Transmission, and 6% Metering. These allocations were based upon an analysis of M & S Inventory by Purchasing & Logistics.	62,195.40	82,927.20	2,961.69	0.00	
	Subtotal Stores Equipment		62,195.40	144,965.32	2,961.69	0.00	0.00
E39401	Tools, Shop and Garage Equipment	This asset class consists of tools, shop and engine equipment located at service centers, office buildings and generation facilities. They were analyzed at the					
		* These PSECs were divided into Distribution, Metering, and/or Transmission based on the total square footage, occupied by the functional areas, of the facility's garage.	123,763.07	15,124,983.06	182,272.45	0.00	
	Subtotal Tools, Shop and Garage Equipment		123,763.07	15,124,983.06	182,272.45	0.00	0.00

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
		* Most assets were split based upon the allocation percentages that were calculated by functional category by PSEC for Asset Class 390.				
	Subtotal Office Furniture and Equipment		7.8856%	70.5932%	0.8922%	20.6291%
E39201	Transportation Equipment	This asset class consists of transportation equipment throughout each of the functional areas * Most assets were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments. Information regarding these assignments was provided by Fleet Maintenance.				
	Total Transportation Equipment		26.4418%	60.0145%	3.6223%	9.9214%
E39301	Stores Equipment	This asset class consists of stores equipment for service centers and generation * Assets for the CEHE Service Centers, with the exclusion of South Houston, were assigned to Distribution * The assets in PSEC 734, South Houston Complex, were assigned as follows: 61% Distribution, 33% Transmission, and 6% Metering. These allocations were based upon an analysis of M & S Inventory by Purchasing & Logistics.				
	Subtotal Stores Equipment		29.5996%	68.9909%	1.4095%	0.0000%
E39401	Tools, Shop and Garage Equipment	This asset class consists of tools, shop and engine equipment located at service centers, office buildings and generation facilities. They were analyzed at the * These PSECs were divided into Distribution, Metering, and/or Transmission based on the total square footage, occupied by the functional areas, of the facility's garage.				
	Subtotal Tools, Shop and Garage Equipment		0.8020%	98.0168%	1.1812%	0.0000%

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

EPIS as of December 31, 2018
 Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
E39501	Laboratory Equipment	This asset class consists of laboratory equipment for service centers, office buildings and generation facilities.	22,022,966.15
		<ul style="list-style-type: none"> * Assets at the South Houston Service Center were assigned to Transmission. * Assets at the CEHE Service Centers and Travis Tower were assigned to Distribution. * Assets at the South Houston Complex and the Magnolia Park Service Center were assigned to T & D Metering. * Assets at the CNP Tower were assigned to TDCS. 	
	Total Laboratory Equipment		22,022,966.15
E39601	Power Operated Equipment	This asset class consists of transportation equipment throughout each of the functional areas.	23,947,280.01
		* These asset were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments within the Utility. Information regarding these assignments was provided by Fleet Maintenance.	
	Subtotal Power Operated Equipment		23,947,280.01
E39701	Communication Equipment	This asset class consists of communication equipment throughout many of the functional areas.	377,223,496.48
		* These assets were assigned based upon the EMPLNUM functionalization factor	
	Subtotal Communication Equipment		377,223,496.48

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
E39501	Laboratory Equipment	This asset class consists of laboratory equipment for service centers, office buildings and generation facilities.					
		* Assets at the South Houston Service Center were assigned to Transmission.	0.00	0.00	0.00	0.00	
		* Assets at the CEHE Service Centers and Travis Tower were assigned to Distribution.	0.00	3,854,099.50	0.00	0.00	
		* Assets at the South Houston Complex and the Magnolia Park Service Center were assigned to T & D Metering.	0.00	0.00	17,418,455.42	0.00	
		* Assets at the CNP Tower were assigned to TDCS.	0.00	0.00	0.00	750,411.23	
	Total Laboratory Equipment		0.00	3,854,099.50	17,418,455.42	750,411.23	0.00
E39601	Power Operated Equipment	This asset class consists of transportation equipment throughout each of the functional areas.					
		* These assets were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments within the Utility. Information regarding these assignments was provided by Fleet Maintenance	11,136,966.98	8,609,097.56	173,536.63	4,027,678.84	
	Subtotal Power Operated Equipment		11,136,966.98	8,609,097.56	173,536.63	4,027,678.84	0.00
E39701	Communication Equipment	This asset class consists of communication equipment throughout many of the functional areas.					
		* These assets were assigned based upon the EMPLNUM functionalization factor.	75,557,866.50	238,367,527.38	26,858,312.82	36,439,789.78	
	Subtotal Communication Equipment		75,557,866.50	238,367,527.38	26,858,312.82	36,439,789.78	0.00

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

EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
E39501	Laboratory Equipment	This asset class consists of laboratory equipment for service centers, office buildings and generation facilities. * Assets at the South Houston Service Center were assigned to Transmission. * Assets at the CEHE Service Centers and Travis Tower were assigned to Distribution. * Assets at the South Houston Complex and the Magnolia Park Service Center were assigned to T & D Metering. * Assets at the CNP Tower were assigned to TDCS				
	Total Laboratory Equipment		0.0000%	17.5004%	79.0922%	3.4074%
E39601	Power Operated Equipment	This asset class consists of transportation equipment throughout each of the functional areas. * These asset were assigned to the Functional Area based upon the Transportation Department's assignment of equipment to the various departments within the Utility. Information regarding these assignments was provided by Fleet Maintenance.				
	Subtotal Power Operated Equipment		46.5062%	35.9502%	0.7247%	16.8189%
E39701	Communication Equipment	This asset class consists of communication equipment throughout many of the functional areas. * These assets were assigned based upon the EMPLNUM functionalization factor.				
	Subtotal Communication Equipment		20.0300%	63.1900%	7.1200%	9.6600%

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 CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
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EPIS as of December 31, 2018
 Source: WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	(Adjusted) EPIS as of Dec. 31, 2018
E39702	Computer Equipment	This asset class consists of computer equipment throughout many areas of the functional areas * These assets were assigned based upon the EMPLNUM functionalization factor.	170,073,927.43
Subtotal Computer Equipment			<u>170,073,927.43</u>
E39801	Miscellaneous Equipment	This asset class consists of miscellaneous equipment at the service centers, office buildings and generation facilities. These assets were analyzed at the * These PSECs were allocated based upon the allocation percentages that were calculated by functional area, by PSEC, for asset class 390 * Assets at the ECDC were assigned to Transmission.	10,864,589.93
Subtotal Miscellaneous Equipment			<u>10,864,589.93</u>
Subtotal General Plant			<u>1,037,439,442.32</u>
Grand Total			<u>11,891,232,720.30</u>
Adjustments to Plant in Service at 12/31/2017			
Plant in Service-Acct 163010-as of 12/31/2018			11,251,772,927.31
Construction Cost Not Classified-Acct 163000-as of 12/31/2018			462,601,233.93
Exclude E37403 (Asset Retirement Obligation) as of 12/31/2018			(18,560,081.73)
Exclude E39911 (Asset Retirement Obligation) as of 12/31/2018			(3,546,079.21)
Exclude Automated Metering System Balances as of 12/31/2018			(158,664,155.87)
Include Automated Metering System Balances as of 12/31/2018			
E36002 Plant Adjustment-12/31/2018			(1,035,280.00)
			0.00
			0.00
Adjusted Plant in Service Balance			<u>11,532,568,564.43</u>
Difference			<u>158,664,155.87</u>

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

EPIS as of December 31, 2018
 Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission EPIS as of Dec. 31, 2018	Distribution EPIS as of Dec. 31, 2018	T&D Metering EPIS as of Dec. 31, 2018	T&D Customer Service EPIS as of Dec. 31, 2018	Check
E39702	Computer Equipment	This asset class consists of computer equipment throughout many areas of the functional areas. * These assets were assigned based upon the EMPLNUM functionalization factor.					
	Subtotal Computer Equipment		31,594,146.41	112,011,993.87	11,230,670.13	15,237,117.02	
			<u>31,594,146.41</u>	<u>112,011,993.87</u>	<u>11,230,670.13</u>	<u>15,237,117.02</u>	0.00
E39801	Miscellaneous Equipment	This asset class consists of miscellaneous equipment at the service centers, office buildings and generation facilities. These assets were analyzed at the * These PSECs were allocated based upon the allocation percentages that were calculated by functional area, by PSEC, for asset class 390. * Assets at the ECDC were assigned to Transmission.					
	Subtotal Miscellaneous Equipment		1,859,796.18	7,564,800.20	71,936.86	1,368,056.69	
			<u>1,859,796.18</u>	<u>7,564,800.20</u>	<u>71,936.86</u>	<u>1,368,056.69</u>	0.00
	Subtotal General Plant		<u>188,320,460.75</u>	<u>709,719,078.62</u>	<u>63,982,439.38</u>	<u>75,417,471.57</u>	0.00
	Grand Total		<u>3,677,894,984.60</u>	<u>7,422,779,962.72</u>	<u>436,923,427.50</u>	<u>153,634,345.48</u>	(0.00)
		Adjustments to Plant in Service at 12/31/2017 Plant in Service-Acct 163010-as of 12/31/2018 Construction Cost Not Classified-Acct 163000-as of 12/31/2018 Exclude E37403 (Asset Retirement Obligation) as of 12/31/2018 Exclude E39911 (Asset Retirement Obligation) as of 12/31/2018 Exclude Automated Metering System Balances as of 12/31/2018 Include Automated Metering System Balances as of 12/31/2018 E36002 Plant Adjustment-12/31/2018	3,677,894,984.60	7,422,779,962.73	436,923,427.50	153,634,345.48	
		Adjusted Plant in Service Balance	(0.00)	(0.01)	(0.00)	0.00	
		Difference					

Substation Weighted Average			
	Balance	Transmission	Distribution
E35301	993,650,365.77	916,041,505.81	77,609,059.96
E36201	1,210,967,165.25	452,923,106.50	758,044,058.75
	2,204,617,731.02	1,368,964,612.32	835,653,118.70
		62.10%	37.90%

Based on weighted average of Substation Equipment (historical balance)

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

EPIS as of December 31, 2018
 Source WP II-F-Plant Functionalization

Asset Class	Title of Asset Class	Description	Transmission	Distribution	T&D Metering	T&D Customer Service
E39702	Computer Equipment	This asset class consists of computer equipment throughout many areas of the functional areas. * These assets were assigned based upon the EMPLNUM functionalization factor.				
	Subtotal Computer Equipment		18.5767%	65.8608%	6.6034%	8.9591%
E39801	Miscellaneous Equipment	This asset class consists of miscellaneous equipment at the service centers, office buildings and generation facilities. These assets were analyzed at the * These PSECs were allocated based upon the allocation percentages that were calculated by functional area, by PSEC, for asset class 390 * Assets at the ECDC were assigned to Transmission.				
	Subtotal Miscellaneous Equipment		17.1180%	69.6280%	0.8621%	12.5919%
	Subtotal General Plant		18.1524%	68.4107%	6.1673%	7.2696%
	Grand Total		31.4688%	83.4901%	3.7372%	1.3141%
		Adjustments to Plant in Service at 12/31/2017				
		Plant in Service-Acct 163010-as of 12/31/2018				
		Construction Cost Not Classified-Acct 163096-as of 12/31/2018				
		Exclude E37403 (Asset Retirement Obligation) as of 12/31/2018	1462.5699%	2089.5705%	395.4414%	152.4182%
		Exclude E39911 (Asset Retirement Obligation) as of 12/31/2018				
		Exclude Automated Metering System Balances as of 12/31/2018	4100.0000%			
		Include Automated Metering System Balances as of 12/31/2018				
		E36002 Plant Adjustment-12/31/2018				
		Adjusted Plant in Service Balance				
		Difference				

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

WP/II-F-Plant Functionalization –
Functionalization Factors

is voluminous and will be provided in electronic
format.

Line	Month	Customer	Month	Additional	TYR	TYR	TYR	TYR	TYR
1	January 2018	146	2,871,938.92	1,941,711	(13,480)	2,871,938.92	1,941,711	(13,480)	1,927,998
2	February 2018	143	1,648,713.43	2,007,584	(13,480)	1,648,713.43	2,007,584	(13,480)	1,607,748
3	March 2018	143	1,528,296.57	2,429,448	(13,480)	1,528,296.57	2,429,448	(13,480)	1,494,703
4	April 2018	146	2,041,888.92	3,205,139	(7,282)	2,041,888.92	3,205,139	(7,282)	2,033,972
5	May 2018	146	1,818,343.98	3,205,445	(7,282)	1,818,343.98	3,205,445	(7,282)	1,810,661
6	June 2018	146	1,818,343.98	3,205,445	(7,282)	1,818,343.98	3,205,445	(7,282)	1,810,661
7	July 2018	146	1,827,780.82	3,205,445	(7,282)	1,827,780.82	3,205,445	(7,282)	1,820,503
8	August 2018	200	2,951,284.42	200,480	(400)	2,951,284.42	200,480	(400)	2,950,884
9	September 2018	200	1,888,511.24	200,480	(400)	1,888,511.24	200,480	(400)	1,887,111
10	October 2018	202	1,882,714.22	5,142	-	1,882,714.22	5,142	-	1,882,714
11	November 2018	204	1,801,041.29	87,980	-	1,801,041.29	87,980	-	1,801,041
12	December 2018	204	1,801,041.29	87,980	-	1,801,041.29	87,980	-	1,801,041
13	Total	2,387	22,114,280.82	17,203,872	62,540	22,114,280.82	17,203,872	62,540	22,051,740

Line	Month	Customer	Month	Additional	TYR	TYR	TYR	TYR	TYR
1	January 2018	12,182	4,424,426	-	3,286,486	4,424,426	3,286,486	-	1,137,940
2	February 2018	12,182	3,286,486	-	3,286,486	3,286,486	3,286,486	-	0
3	March 2018	12,114	4,178,022	-	4,178,022	4,178,022	4,178,022	-	0
4	April 2018	12,078	4,184,296	-	4,184,296	4,184,296	4,184,296	-	0
5	May 2018	12,028	4,284,988	-	4,284,988	4,284,988	4,284,988	-	0
6	June 2018	12,047	4,196,723	-	4,196,723	4,196,723	4,196,723	-	0
7	July 2018	12,847	4,196,723	-	4,196,723	4,196,723	4,196,723	-	0
8	August 2018	12,847	4,842,372	-	4,842,372	4,842,372	4,842,372	-	0
9	September 2018	12,844	3,772,877	-	3,772,877	3,772,877	3,772,877	-	0
10	October 2018	12,796	3,181,924	-	3,181,924	3,181,924	3,181,924	-	0
11	November 2018	12,827	3,181,924	-	3,181,924	3,181,924	3,181,924	-	0
12	December 2018	12,488	3,181,927	-	3,181,927	3,181,927	3,181,927	-	0
13	Total	152,470	42,802,351	-	42,802,351	42,802,351	42,802,351	-	0

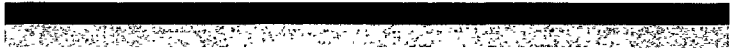
Line	Month	Customer	Month	Additional	TYR	TYR	TYR	TYR	TYR
1	January 2018	4,778	16,502,986	-	16,502,986	16,502,986	16,502,986	-	0
2	February 2018	4,885	16,502,987	-	16,502,987	16,502,987	16,502,987	-	0
3	March 2018	4,815	16,506,328	-	16,506,328	16,506,328	16,506,328	-	0
4	April 2018	4,812	16,506,323	-	16,506,323	16,506,323	16,506,323	-	0
5	May 2018	4,817	16,506,273	-	16,506,273	16,506,273	16,506,273	-	0
6	June 2018	4,881	16,506,423	-	16,506,423	16,506,423	16,506,423	-	0
7	July 2018	4,881	16,506,423	-	16,506,423	16,506,423	16,506,423	-	0
8	August 2018	4,884	16,506,827	-	16,506,827	16,506,827	16,506,827	-	0
9	September 2018	5,020	17,282,883	-	17,282,883	17,282,883	17,282,883	-	0
10	October 2018	5,028	14,989,215	-	14,989,215	14,989,215	14,989,215	-	0
11	November 2018	5,020	14,989,238	-	14,989,238	14,989,238	14,989,238	-	0
12	December 2018	5,020	14,989,238	-	14,989,238	14,989,238	14,989,238	-	0
13	Total	88,238	181,824,517	-	181,824,517	181,824,517	181,824,517	-	0

Customer	1	2	3	4	5	6	7	8	9	10	11	12	2018
Customer A	107,542	107,542	107,542	107,542	107,542	107,542	107,542	107,542	107,542	107,542	107,542	107,542	1,290,848
Customer B	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	2,239,041	26,868,481
Customer C	238,632	238,632	238,632	238,632	238,632	238,632	238,632	238,632	238,632	238,632	238,632	238,632	2,863,584
Customer D	5,183	5,183	5,183	5,183	5,183	5,183	5,183	5,183	5,183	5,183	5,183	5,183	62,228
Customer E	63,286	63,286	63,286	63,286	63,286	63,286	63,286	63,286	63,286	63,286	63,286	63,286	759,439
Customer F	384,303	384,303	384,303	384,303	384,303	384,303	384,303	384,303	384,303	384,303	384,303	384,303	4,611,636
Customer G	90,715	90,715	90,715	90,715	90,715	90,715	90,715	90,715	90,715	90,715	90,715	90,715	1,088,577
Customer H	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	3,270,452	39,845,464
Total	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	1,129,642	13,757,118

Energy Efficiency Impacts
Billing Determinates not captured in test year

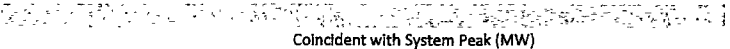
	Residential (Non-IDR)	Secondary Voltage Small (Non- IDR)	Secondary Voltage Large (Non- IDR)	Secondary Voltage Large (IDR)	Primary Voltage Service (Non-IDR)	Primary Voltage Service (IDR)	Transmission Voltage Service (IDR)	Total kWh	SVL Total KWH	SVL Non-IDR	SVL IDR	PVS Total KWH	PVS Non-IDR	PVS IDR
JAN	2,848,263	413,635	2,416,016	1,892,061	20,257	278,179	13,845	7,882,257	4,308,077.30	2,416,016.40	1,892,060.90	298,436.29	20,257.17	278,179.13
FEB	3,806,216	410,996	2,669,077	2,031,906	31,175	391,716	13,845	9,354,932	4,700,983.37	2,669,076.96	2,031,906.41	422,891.06	31,174.81	391,716.26
MAR	4,173,787	383,346	2,652,892	2,193,843	30,295	476,919	13,845	9,924,868	4,846,735.57	2,652,892.30	2,193,843.27	507,153.83	30,235.32	476,918.51
APR	3,659,421	335,986	2,437,984	2,078,634	29,174	453,636	7,362	9,002,197	4,516,617.81	2,437,983.89	2,078,633.92	482,810.09	29,173.64	453,636.45
MAY	6,806,606	309,340	3,158,628	2,587,458	48,039	745,680	879	13,656,630	5,746,086.36	3,158,628.38	2,587,457.98	793,719.08	48,039.31	745,679.76
JUN	7,009,330	284,995	3,419,886	2,565,970	52,905	683,769	879	14,017,735	5,985,855.78	3,419,886.06	2,565,969.72	736,674.40	52,905.25	683,769.15
JUL	6,425,871	233,208	3,247,261	2,431,051	52,339	675,534	879	13,066,143	5,678,312.16	3,247,261.39	2,431,050.77	727,872.81	52,339.14	675,533.67
AUG	5,729,800	173,374	2,707,789	2,041,864	33,530	385,007	879	11,072,243	4,749,653.10	2,707,788.78	2,041,864.33	418,536.87	33,529.84	385,007.02
SEP	3,729,385	124,172	1,944,151	1,413,893	10,647	124,954	440	7,347,642	3,358,044.40	1,944,151.22	1,413,893.18	135,601.15	10,647.09	124,954.06
OCT	1,860,521	61,381	1,014,290	829,085	4,567	57,918	0	3,827,761	1,843,374.59	1,014,290.01	829,084.58	62,484.25	4,566.53	57,917.72
NOV	467,266	14,874	265,416	222,962	771	9,577	0	980,866	488,377.94	265,416.20	222,961.74	10,348.04	770.56	9,577.48
DEC	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Total	46,516,467	2,745,308	25,933,392	20,288,727	313,639	4,282,889	52,854	100,133,275	46,222,118.38	25,933,391.59	20,288,726.79	4,596,527.88	313,638.68	4,282,889.21

From: CEHE EE Impacts 2018 V2.xlsx



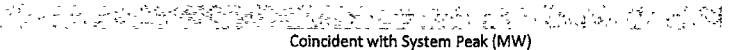
Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	4,897.75	4,701.79	195.96	96.52%	
Feb	02-23 @ 19:00	5,166.94	4,888.12	278.83	98.91%	
Mar	03-06 @ 07:15	4,492.64	4,263.98	228.67	99.06%	
Apr	04-23 @ 16:30	5,185.28	4,914.64	270.64	94.56%	
May	05-28 @ 14:30	5,463.26	5,180.33	282.93	82.10%	
Jun	06-24 @ 16:30	7,491.28	7,061.56	429.71	97.20%	
Jul	07-28 @ 16:00	8,318.24	7,866.68	451.55	92.53%	
Aug	08-11 @ 16:00	9,119.16	8,570.57	548.58	97.57%	
Sep	09-08 @ 16:30	7,185.81	6,799.25	386.56	89.13%	
Oct	10-12 @ 16:00	6,282.00	5,943.53	338.48	95.56%	
Nov	11-05 @ 15:00	4,131.95	3,899.10	232.84	90.65%	
Dec	12-11 @ 18:00	3,734.49	3,527.51	206.98	75.15%	



Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	159.86	153.46	6.4	100.00%	
Feb	02-23 @ 19:00	153.96	145.65	8.31	99.30%	
Mar	03-06 @ 07:15	94.19	89.4	4.79	63.42%	
Apr	04-23 @ 16:30	111.98	106.14	5.84	76.03%	
May	05-28 @ 14:30	121	114.73	6.27	80.16%	
Jun	06-24 @ 16:30	130.8	123.29	7.5	84.30%	
Jul	07-28 @ 16:00	137.86	130.37	7.48	85.81%	
Aug	08-11 @ 16:00	144.31	135.62	8.68	88.56%	
Sep	09-08 @ 16:30	128.86	121.93	6.93	83.18%	
Oct	10-12 @ 16:00	120.71	114.2	6.5	79.38%	
Nov	11-05 @ 15:00	113.47	107.08	6.39	74.50%	
Dec	12-11 @ 18:00	148.74	140.5	8.24	100.00%	



Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	4,660.25	4,473.79	186.46	91.89%	
Feb	02-23 @ 19:00	4,160.09	3,935.60	224.49	83.20%	
Mar	03-06 @ 07:15	4,473.79	4,246.08	227.71	91.05%	
Apr	04-23 @ 16:30	5,256.86	4,982.49	274.37	95.72%	
May	05-28 @ 14:30	5,814.72	5,513.60	301.13	99.50%	
Jun	06-24 @ 16:30	5,821.05	5,487.14	333.91	96.76%	
Jul	07-28 @ 16:00	6,117.44	5,785.36	332.08	97.46%	
Aug	08-11 @ 16:00	6,413.65	6,027.83	385.83	98.60%	
Sep	09-08 @ 16:30	5,830.84	5,517.17	313.67	94.36%	
Oct	10-12 @ 16:00	5,568.16	5,268.15	300.02	96.12%	
Nov	11-05 @ 15:00	5,426.83	5,121.02	305.81	98.68%	
Dec	12-11 @ 18:00	4,285.55	4,048.02	237.53	86.53%	

Regulatory Load Study (2015)
Residential

Coincident with ISO Peak (MW)

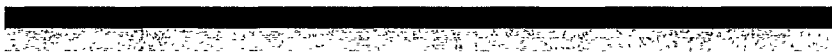
Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak
01-08 @ 07:15	4,737.62	4,576.91	160.71	93.37%
02-23 @ 19:00	5,166.94	4,888.12	278.83	98.91%
03-06 @ 07:15	4,492.64	4,263.98	228.67	99.06%
04-09 @ 17:00	4,614.97	4,362.37	252.59	84.16%
05-18 @ 17:00	5,370.93	5,135.68	235.25	80.72%
06-10 @ 16:45	7,427.13	7,041.37	385.77	96.37%
07-30 @ 16:45	8,525.20	8,044.01	481.19	94.83%
08-10 @ 17:00	9,039.67	8,519.23	520.44	96.72%
09-08 @ 16:30	7,185.81	6,799.25	386.56	89.13%
10-12 @ 16:45	6,483.28	6,131.67	351.6	98.62%
11-05 @ 18:30	4,554.83	4,314.17	240.66	99.93%
12-28 @ 19:00	4,056.77	3,828.17	228.6	81.63%

SVS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak
01-08 @ 07:15	132.04	127.56	4.48	82.60%
02-23 @ 19:00	153.96	145.65	8.31	99.30%
03-06 @ 07:15	94.19	89.4	4.79	63.42%
04-09 @ 17:00	104.54	98.82	5.72	70.98%
05-18 @ 17:00	111.59	106.7	4.89	73.93%
06-10 @ 16:45	127.54	120.92	6.62	82.20%
07-30 @ 16:45	137.45	129.7	7.76	85.56%
08-10 @ 17:00	136.39	128.53	7.85	83.70%
09-08 @ 16:30	128.86	121.93	6.93	83.18%
10-12 @ 16:45	119.06	112.61	6.46	78.29%
11-05 @ 18:30	151.56	143.55	8.01	99.51%
12-28 @ 19:00	143.81	135.71	8.1	96.69%

SVL
Coincident with ISO Peak (MW)

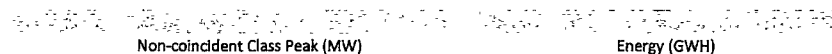
Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak
01-08 @ 07:15	4,820.04	4,656.54	163.5	95.04%
02-23 @ 19:00	4,160.09	3,935.60	224.49	83.20%
03-06 @ 07:15	4,473.79	4,246.08	227.71	91.05%
04-09 @ 17:00	4,949.95	4,679.02	270.93	90.13%
05-18 @ 17:00	5,119.92	4,895.66	224.25	87.61%
06-10 @ 16:45	5,650.84	5,357.34	293.51	93.93%
07-30 @ 16:45	5,989.93	5,651.84	338.09	95.43%
08-10 @ 17:00	6,044.11	5,696.14	347.98	92.92%
09-08 @ 16:30	5,830.84	5,517.17	313.67	94.36%
10-12 @ 16:45	5,377.78	5,086.13	291.65	92.83%
11-05 @ 18:30	4,423.10	4,189.39	233.7	80.43%
12-28 @ 19:00	3,423.24	3,230.33	192.9	69.12%



Non-coincident Class Peak (MW)

Energy (GWH)

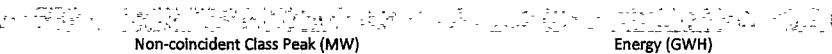
Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-09 @ 19:15	5,074.09	4,865.84	208.25	2,180.15	2,085.00	95.15	57.59%
02-23 @ 19:45	5,223.68	4,948.21	275.47	1,779.02	1,683.89	95.12	45.74%
03-06 @ 07:00	4,535.50	4,315.76	219.73	1,732.64	1,642.77	89.87	56.64%
04-25 @ 17:45	5,483.58	5,189.56	294.02	1,972.88	1,860.90	111.98	48.20%
05-30 @ 15:15	6,654.12	6,288.08	366.04	2,603.61	2,461.00	142.61	54.36%
06-24 @ 18:00	7,706.81	7,289.30	417.51	3,331.11	3,146.24	184.87	58.01%
07-26 @ 17:30	8,990.03	8,402.27	587.76	4,104.19	3,866.18	238.01	63.91%
08-09 @ 17:30	9,346.68	8,752.83	593.85	3,895.52	3,676.67	218.85	56.46%
09-06 @ 17:00	8,062.52	7,601.91	460.61	3,011.10	2,848.50	162.6	50.36%
10-12 @ 17:30	6,574.03	6,208.34	365.69	2,338.42	2,215.22	123.21	49.56%
11-05 @ 18:45	4,558.00	4,317.15	240.85	1,748.90	1,647.37	101.53	51.29%
12-25 @ 14:15	4,969.60	4,662.68	306.92	1,975.65	1,855.03	120.63	55.26%



Non-coincident Class Peak (MW)

Energy (GWH)

Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-09 @ 18:00	159.86	153.46	6.4	84.82	81.03	3.79	70.97%
02-24 @ 18:45	155.04	146.7	8.34	74.34	70.3	4.03	64.41%
03-05 @ 19:00	148.52	141.48	7.04	78.05	73.91	4.13	77.74%
04-23 @ 20:15	147.28	139.46	7.83	76.98	72.49	4.49	69.86%
05-20 @ 20:45	150.94	142.51	8.43	83.5	78.88	4.62	76.88%
06-24 @ 21:00	155.16	146.23	8.92	84.75	79.98	4.77	73.51%
07-29 @ 21:00	160.65	152.27	8.38	92.48	87.08	5.4	79.43%
08-10 @ 20:45	162.95	153.83	9.13	92	86.85	5.16	75.88%
09-22 @ 20:00	154.92	146.53	8.39	85.57	80.9	4.67	74.21%
10-12 @ 19:30	152.07	144.07	7.99	83.91	79.45	4.46	76.59%
11-05 @ 18:15	152.31	144.27	8.04	78.05	73.46	4.58	68.44%
12-11 @ 18:00	148.74	140.5	8.24	82.44	77.37	5.07	76.48%



Non-coincident Class Peak (MW)

Energy (GWH)

Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-09 @ 11:15	5,071.68	4,901.14	170.53	2,671.11	2,554.80	116.3	70.06%
02-24 @ 10:15	4,999.96	4,755.02	244.94	2,351.55	2,225.88	125.67	62.92%
03-31 @ 15:00	4,913.77	4,709.17	204.6	2,537.78	2,405.45	132.33	76.01%
04-23 @ 14:30	5,491.81	5,217.87	273.94	2,632.04	2,482.76	149.28	63.95%
05-28 @ 14:00	5,844.01	5,536.07	307.94	2,868.53	2,712.22	156.31	68.04%
06-24 @ 14:30	6,016.22	5,673.29	342.93	3,043.57	2,874.61	168.96	68.10%
07-29 @ 14:30	6,276.93	5,930.90	346.03	3,345.85	3,152.25	193.61	73.82%
08-11 @ 14:45	6,504.98	6,121.85	383.13	3,314.61	3,130.18	184.42	68.72%
09-08 @ 14:00	6,179.41	5,850.33	329.08	2,997.32	2,836.01	161.31	65.16%
10-13 @ 14:30	5,793.19	5,488.24	304.95	2,806.52	2,659.40	147.12	67.30%
11-05 @ 13:30	5,499.29	5,196.04	303.25	2,422.47	2,281.84	140.62	59.03%
12-11 @ 13:30	4,952.74	4,666.58	286.16	2,462.35	2,311.92	150.43	68.81%

COINCIDENT WITH SYSTEM PEAK (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	497.03	477.14	19.89	19.89	94.06%
Feb	02-23 @ 19:00	499.33	472.39	26.95	26.95	90.51%
Mar	03-06 @ 07:15	523.02	496.4	26.62	26.62	92.34%
Apr	04-23 @ 16:30	541.08	512.84	28.24	28.24	93.91%
May	05-28 @ 14:30	604.79	573.47	31.32	31.32	100.00%
Jun	06-24 @ 16:30	584.69	551.15	33.54	33.54	93.64%
Jul	07-28 @ 16:00	598.6	566.11	32.49	32.49	93.73%
Aug	08-11 @ 16:00	591.47	555.89	35.58	35.58	92.07%
Sep	09-08 @ 16:30	573.74	542.88	30.86	30.86	92.10%
Oct	10-12 @ 16:00	579.1	547.9	31.2	31.2	96.95%
Nov	11-05 @ 15:00	564.15	532.36	31.79	31.79	95.19%
Dec	12-11 @ 18:00	472.15	445.98	26.17	26.17	86.04%

COINCIDENT WITH SYSTEM PEAK (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	1,917.59	1,840.86	76.72	76.72	83.54%
Feb	02-23 @ 19:00	1,890.29	1,788.29	102.01	102.01	80.30%
Mar	03-06 @ 07:15	2,030.12	1,926.79	103.33	103.33	86.31%
Apr	04-23 @ 16:30	2,213.26	2,097.74	115.52	115.52	89.37%
May	05-28 @ 14:30	2,416.11	2,290.99	125.12	125.12	90.71%
Jun	06-24 @ 16:30	2,286.93	2,155.74	131.18	131.18	90.04%
Jul	07-28 @ 16:00	2,148.31	2,031.69	116.62	116.62	80.25%
Aug	08-11 @ 16:00	1,914.57	1,799.40	115.18	115.18	77.89%
Sep	09-08 @ 16:30	1,850.75	1,751.19	99.56	99.56	75.42%
Oct	10-12 @ 16:00	2,517.56	2,381.91	135.65	135.65	98.63%
Nov	11-05 @ 15:00	2,231.27	2,105.53	125.74	125.74	89.25%
Dec	12-11 @ 18:00	2,128.16	2,010.20	117.95	117.95	87.51%

COINCIDENT WITH SYSTEM PEAK (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	0	0	0	0	0.00%
Feb	02-23 @ 19:00	14.12	13.36	0.76	0.76	98.74%
Mar	03-06 @ 07:15	0	0	0	0	0.00%
Apr	04-23 @ 16:30	0	0	0	0	0.00%
May	05-28 @ 14:30	0	0	0	0	0.00%
Jun	06-24 @ 16:30	0	0	0	0	0.00%
Jul	07-28 @ 16:00	0	0	0	0	0.00%
Aug	08-11 @ 16:00	0	0	0	0	0.00%
Sep	09-08 @ 16:30	0	0	0	0	0.00%
Oct	10-12 @ 16:00	0	0	0	0	0.00%
Nov	11-05 @ 15:00	0	0	0	0	0.00%
Dec	12-11 @ 18:00	13.94	13.17	0.77	0.77	99.01%

COINCIDENT WITH SYSTEM PEAK (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
Jan	01-09 @ 18:00	0	0	0	0	0.00%
Feb	02-23 @ 19:00	67.56	63.91	3.65	3.65	98.79%
Mar	03-06 @ 07:15	0	0	0	0	0.00%
Apr	04-23 @ 16:30	0	0	0	0	0.00%
May	05-28 @ 14:30	0	0	0	0	0.00%
Jun	06-24 @ 16:30	0	0	0	0	0.00%
Jul	07-28 @ 16:00	0	0	0	0	0.00%
Aug	08-11 @ 16:00	0	0	0	0	0.00%
Sep	09-08 @ 16:30	0	0	0	0	0.00%
Oct	10-12 @ 16:00	0	0	0	0	0.00%
Nov	11-05 @ 15:00	0	0	0	0	0.00%
Dec	12-11 @ 18:00	62.97	59.48	3.49	3.49	99.01%

PVS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-08 @ 07:15	517.15	499.61	17.54	17.54	97.87%
02-23 @ 19:00	499.33	472.39	26.95	26.95	90.51%
03-06 @ 07:15	523.02	496.4	26.62	26.62	92.34%
04-09 @ 17:00	533.79	504.58	29.22	29.22	92.64%
05-18 @ 17:00	553.09	528.86	24.23	24.23	91.45%
06-10 @ 16:45	580.04	549.91	30.13	30.13	92.89%
07-30 @ 16:45	592.55	559.11	33.45	33.45	92.79%
08-10 @ 17:00	570.99	538.12	32.87	32.87	88.89%
09-08 @ 16:30	573.74	542.88	30.86	30.86	92.10%
10-12 @ 16:45	553.7	523.68	30.03	30.03	92.70%
11-05 @ 18:30	525.18	497.43	27.75	27.75	88.62%
12-28 @ 19:00	390.57	368.56	22.01	22.01	71.17%

TVS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-08 @ 07:15	1,895.98	1,831.66	64.31	64.31	82.60%
02-23 @ 19:00	1,890.29	1,788.29	102.01	102.01	80.30%
03-06 @ 07:15	2,030.12	1,926.79	103.33	103.33	86.31%
04-09 @ 17:00	2,247.67	2,124.65	123.02	123.02	90.76%
05-18 @ 17:00	2,512.24	2,402.20	110.04	110.04	94.32%
06-10 @ 16:45	2,051.44	1,944.89	106.55	106.55	80.77%
07-30 @ 16:45	1,870.22	1,764.66	105.56	105.56	69.86%
08-10 @ 17:00	1,859.26	1,752.21	107.04	107.04	75.64%
09-08 @ 16:30	1,850.75	1,751.19	99.56	99.56	75.42%
10-12 @ 16:45	2,457.08	2,323.83	133.25	133.25	96.26%
11-05 @ 18:30	2,232.84	2,114.87	117.98	117.98	89.32%
12-28 @ 19:00	1,899.05	1,792.04	107.01	107.01	78.09%

MLS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-08 @ 07:15	0	0	0	0	0.00%
02-23 @ 19:00	14.12	13.36	0.76	0.76	98.74%
03-06 @ 07:15	0	0	0	0	0.00%
04-09 @ 17:00	0	0	0	0	0.00%
05-18 @ 17:00	0	0	0	0	0.00%
06-10 @ 16:45	0	0	0	0	0.00%
07-30 @ 16:45	0	0	0	0	0.00%
08-10 @ 17:00	0	0	0	0	0.00%
09-08 @ 16:30	0	0	0	0	0.00%
10-12 @ 16:45	0	0	0	0	0.00%
11-05 @ 18:30	13.84	13.11	0.73	0.73	98.93%
12-28 @ 19:00	13.95	13.17	0.79	0.79	99.08%

SLS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-08 @ 07:15	0	0	0	0	0.00%
02-23 @ 19:00	67.56	63.91	3.65	3.65	98.79%
03-06 @ 07:15	0	0	0	0	0.00%
04-09 @ 17:00	0	0	0	0	0.00%
05-18 @ 17:00	0	0	0	0	0.00%
06-10 @ 16:45	0	0	0	0	0.00%
07-30 @ 16:45	0	0	0	0	0.00%
08-10 @ 17:00	0	0	0	0	0.00%
09-08 @ 16:30	0	0	0	0	0.00%
10-12 @ 16:45	0	0	0	0	0.00%
11-05 @ 18:30	64.18	60.79	3.39	3.39	98.94%
12-28 @ 19:00	63.04	59.48	3.55	3.55	99.12%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation			Meter			Load Factor
	Level	Level	Losses	Level	Level	Losses	
01-08 @ 10:45	528.41	514.15	14.26	325.98	311.6	14.39	81.46%
02-17 @ 10:15	551.67	525.65	26.02	299.04	282.98	16.06	72.36%
03-04 @ 13:30	566.42	537.82	28.61	326.39	309.29	17.1	85.58%
04-23 @ 14:45	576.19	547.44	28.75	325.5	306.86	18.64	75.34%
05-28 @ 14:30	604.79	573.47	31.32	350.77	331.55	19.22	80.30%
06-11 @ 13:30	624.41	590.33	34.07	360.01	339.91	20.11	77.39%
07-30 @ 13:30	638.62	603.31	35.31	385.25	362.88	22.37	83.54%
08-06 @ 13:30	642.38	606.12	36.26	384.19	362.77	21.42	80.45%
09-15 @ 13:45	622.95	602.08	20.87	359.18	339.74	19.43	75.84%
10-13 @ 14:15	597.33	565.88	31.45	343.33	325.22	18.11	79.82%
11-11 @ 13:30	592.65	559.42	33.23	310.71	292.59	18.12	70.30%
12-10 @ 13:45	548.76	497.55	51.21	304.79	286.11	18.68	79.87%

Non-coincident Class Peak (MW) Energy (GWH)

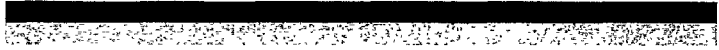
Date Time	Generation			Meter			Load Factor
	Level	Level	Losses	Level	Level	Losses	
01-30 @ 19:45	2,295.31	2,170.18	125.13	1,449.01	1,384.01	65	85.72%
02-28 @ 23:30	2,353.89	2,216.35	137.54	1,419.13	1,342.17	76.96	81.39%
03-03 @ 22:30	2,352.04	2,224.75	127.29	1,544.70	1,463.12	81.58	97.87%
04-19 @ 13:15	2,476.61	2,325.11	151.49	1,609.44	1,516.16	93.27	87.65%
05-20 @ 06:15	2,663.59	2,517.20	146.38	1,781.29	1,682.89	98.4	92.86%
06-17 @ 15:45	2,539.98	2,417.49	122.5	1,668.80	1,574.98	93.82	87.57%
07-09 @ 15:30	2,677.16	2,522.84	154.32	1,752.98	1,650.46	102.52	90.86%
08-31 @ 11:00	2,458.18	2,338.48	119.69	1,647.19	1,555.15	92.05	89.39%
09-03 @ 12:15	2,453.98	2,341.41	112.57	1,554.95	1,470.23	84.73	84.40%
10-12 @ 21:30	2,552.56	2,419.69	132.88	1,650.05	1,562.33	87.73	89.68%
11-07 @ 01:30	2,499.91	2,337.40	162.52	1,606.72	1,512.28	94.44	86.96%
12-10 @ 11:00	2,431.87	2,254.76	177.11	1,537.80	1,443.20	94.6	88.90%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation			Meter			Load Factor
	Level	Level	Losses	Level	Level	Losses	
01-01 @ 00:15	14.25	13.44	0.81	5.54	5.28	0.26	52.80%
02-01 @ 00:15	14.3	13.36	0.94	4.76	4.5	0.27	45.27%
03-31 @ 00:15	14.2	13.36	0.84	4.88	4.61	0.27	51.35%
04-30 @ 00:15	14.14	13.31	0.83	4.37	4.09	0.27	41.30%
05-01 @ 00:15	14.11	13.28	0.83	4.13	3.89	0.24	40.68%
06-01 @ 00:15	14.1	13.25	0.85	3.81	3.58	0.23	36.32%
07-01 @ 00:15	14.11	13.25	0.86	4.05	3.81	0.24	39.94%
08-01 @ 00:15	14.11	13.24	0.87	4.36	4.11	0.25	41.72%
09-01 @ 00:15	14.01	13.18	0.83	4.57	4.31	0.26	43.95%
10-24 @ 19:15	13.89	13.17	0.73	5.08	4.8	0.28	50.62%
11-30 @ 00:15	13.99	13.11	0.88	5.22	4.91	0.31	50.34%
12-13 @ 18:00	14.08	13.17	0.91	5.6	5.25	0.35	55.37%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation			Meter			Load Factor
	Level	Level	Losses	Level	Level	Losses	
01-01 @ 00:15	68.36	64.5	3.87	26.56	25.31	1.25	52.74%
02-01 @ 00:15	68.39	63.91	4.48	22.78	21.51	1.27	45.24%
03-31 @ 00:15	67.99	63.95	4.04	23.34	22.06	1.28	51.33%
04-30 @ 00:15	67.49	63.52	3.97	20.84	19.53	1.3	41.33%
05-01 @ 00:15	67.5	63.54	3.96	19.77	18.63	1.14	40.72%
06-01 @ 00:15	67.05	63	4.05	18.1	17.03	1.07	36.33%
07-01 @ 00:15	67.97	63.81	4.16	19.52	18.35	1.18	39.94%
08-01 @ 00:15	64.9	60.9	4	20.07	18.93	1.14	41.78%
09-01 @ 00:15	65.46	61.6	3.86	21.34	20.13	1.21	43.92%
10-24 @ 19:15	65.49	62.07	3.43	23.96	22.64	1.32	50.66%
11-30 @ 00:15	64.87	60.79	4.07	24.23	22.78	1.45	50.37%
12-13 @ 18:00	63.6	59.48	4.12	25.3	23.72	1.58	55.39%



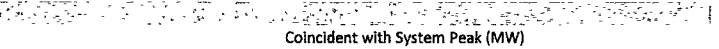
Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System	
					Peak	System
Jan	01-28 @ 07:15	4,082.30	3,862.98	219.33	99.85%	
Feb	02-05 @ 07:15	3,877.75	3,675.99	201.75	99.59%	
Mar	03-31 @ 17:15	5,017.19	4,745.49	271.71	96.56%	
Apr	04-29 @ 14:15	5,067.28	4,769.82	297.46	79.90%	
May	05-25 @ 16:00	6,559.37	6,218.73	340.64	96.14%	
Jun	06-15 @ 16:00	7,894.80	7,423.61	471.18	93.82%	
Jul	07-15 @ 16:00	8,410.08	7,945.40	464.68	95.08%	
Aug	08-09 @ 15:45	8,661.36	8,144.57	516.79	94.36%	
Sep	09-19 @ 15:30	7,871.78	7,425.72	446.06	90.73%	
Oct	10-05 @ 15:30	6,545.05	6,159.58	385.47	90.68%	
Nov	11-02 @ 15:15	4,734.05	4,503.15	230.9	93.70%	
Dec	12-19 @ 09:15	4,556.04	4,310.65	245.39	87.58%	



Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System	
					Peak	System
Jan	01-28 @ 07:15	125.57	118.82	6.75	85.92%	
Feb	02-05 @ 07:15	116.5	110.44	6.06	81.47%	
Mar	03-31 @ 17:15	108.03	102.18	5.85	73.15%	
Apr	04-29 @ 14:15	120.51	113.43	7.07	81.80%	
May	05-25 @ 16:00	137.01	129.89	7.11	86.40%	
Jun	06-15 @ 16:00	145.41	136.73	8.68	102.35%	
Jul	07-15 @ 16:00	149.13	140.89	8.24	88.68%	
Aug	08-09 @ 15:45	152.04	142.97	9.07	87.63%	
Sep	09-19 @ 15:30	146.57	138.27	8.31	87.58%	
Oct	10-05 @ 15:30	139.66	131.43	8.23	85.51%	
Nov	11-02 @ 15:15	123.48	117.46	6.02	78.51%	
Dec	12-19 @ 09:15	109.47	103.57	5.9	68.84%	



Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System	
					Peak	System
Jan	01-28 @ 07:15	4,384.94	4,149.35	235.59	96.04%	
Feb	02-05 @ 07:15	4,178.19	3,960.81	217.39	89.25%	
Mar	03-31 @ 17:15	4,848.41	4,585.84	262.56	92.29%	
Apr	04-29 @ 14:15	5,635.22	5,304.42	330.8	95.84%	
May	05-25 @ 16:00	5,846.40	5,542.79	303.61	97.08%	
Jun	06-15 @ 16:00	6,106.29	5,741.85	364.44	97.94%	
Jul	07-15 @ 16:00	5,912.74	5,586.05	326.7	93.35%	
Aug	08-09 @ 15:45	6,435.34	6,051.37	383.97	97.92%	
Sep	09-19 @ 15:30	6,376.10	6,014.79	361.31	98.66%	
Oct	10-05 @ 15:30	6,000.35	5,646.96	353.39	98.66%	
Nov	11-02 @ 15:15	5,529.73	5,260.02	269.71	98.13%	
Dec	12-19 @ 09:15	4,661.73	4,410.65	251.08	98.67%	

Regulatory Load Study (2016)
Residential

Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident Factor	ISO Peak
01-11 @ 07:15	4,018.76	3,821.35	197.41	98.29%	
02-04 @ 07:15	3,636.48	3,432.15	204.33	93.39%	
03-31 @ 17:00	4,928.70	4,658.76	269.94	94.85%	
04-25 @ 17:00	5,525.43	5,215.02	310.4	87.12%	
05-10 @ 17:00	6,053.17	5,720.81	332.37	88.72%	
06-15 @ 17:00	8,136.02	7,648.21	487.81	96.69%	
07-14 @ 16:00	8,351.30	7,846.01	505.29	94.41%	
08-11 @ 16:30	8,836.53	8,326.18	510.35	96.27%	
09-19 @ 16:15	8,149.93	7,697.18	452.75	93.94%	
10-05 @ 16:30	6,629.68	6,238.20	391.48	91.85%	
11-02 @ 16:00	4,855.31	4,617.21	238.11	96.10%	
12-19 @ 07:30	4,716.91	4,458.79	258.11	90.68%	

SVS

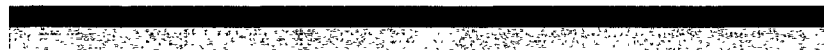
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident Factor	ISO Peak
01-11 @ 07:15	123.69	117.62	6.08	84.64%	
02-04 @ 07:15	114.91	108.45	6.46	80.36%	
03-31 @ 17:00	109.81	103.8	6.01	74.35%	
04-25 @ 17:00	112.71	106.38	6.33	76.51%	
05-10 @ 17:00	119.48	112.92	6.56	75.34%	
06-15 @ 17:00	142.54	133.99	8.55	100.33%	
07-14 @ 16:00	149.83	140.77	9.07	89.10%	
08-11 @ 16:30	153.8	144.92	8.88	88.64%	
09-19 @ 16:15	145.73	137.63	8.1	87.08%	
10-05 @ 16:30	135.89	127.86	8.02	83.20%	
11-02 @ 16:00	122.18	116.18	5.99	77.68%	
12-19 @ 07:30	123.37	116.62	6.75	77.58%	

SVL

Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident Factor	ISO Peak
01-11 @ 07:15	4,283.24	4,072.84	210.4	93.81%	
02-04 @ 07:15	4,127.09	3,895.19	231.9	88.16%	
03-31 @ 17:00	4,963.41	4,691.57	271.84	94.48%	
04-25 @ 17:00	5,061.28	4,776.95	284.33	89.68%	
05-10 @ 17:00	5,231.72	4,944.46	287.26	86.87%	
06-15 @ 17:00	5,860.12	5,508.77	351.35	93.99%	
07-14 @ 16:00	6,212.02	5,836.17	375.86	98.08%	
08-11 @ 16:30	6,292.47	5,929.06	363.42	95.75%	
09-19 @ 16:15	6,200.56	5,856.10	344.46	95.95%	
10-05 @ 16:30	5,699.90	5,363.33	336.57	93.72%	
11-02 @ 16:00	5,375.31	5,111.70	263.61	95.39%	
12-19 @ 07:30	4,339.69	4,102.21	237.47	91.85%	



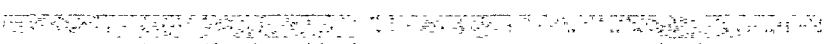
Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-28 @ 07:00	4,088.47	3,866.91	221.56	1,968.79	1,865.36	103.42	64.84%
02-05 @ 07:00	3,893.88	3,678.53	215.35	1,590.86	1,504.91	85.94	54.99%
03-31 @ 18:15	5,196.12	4,913.06	283.05	1,745.90	1,649.64	96.26	48.24%
04-30 @ 17:15	6,342.16	5,986.33	355.84	2,006.11	1,896.87	109.25	42.59%
05-29 @ 17:00	6,822.81	6,405.26	417.55	2,623.46	2,479.85	143.6	53.77%
06-16 @ 17:45	8,414.45	7,939.37	475.08	3,427.22	3,243.35	183.87	54.91%
07-24 @ 16:30	8,845.32	8,366.49	478.84	4,202.63	3,970.23	232.4	65.91%
08-07 @ 17:00	9,178.81	8,606.92	571.89	3,805.62	3,597.75	207.87	56.18%
09-18 @ 17:00	8,675.70	8,199.04	476.66	3,389.42	3,206.63	182.79	52.57%
10-16 @ 16:30	7,217.90	6,749.92	467.98	2,666.04	2,505.98	160.06	51.56%
11-02 @ 19:30	5,052.12	4,799.78	252.34	1,831.47	1,726.04	105.43	48.33%
12-18 @ 20:30	5,201.90	4,885.02	316.88	2,051.31	1,938.43	112.88	55.11%



Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-22 @ 18:30	146.14	138.76	7.38	81.51	77.21	4.3	74.79%
02-04 @ 18:45	142.99	135.66	7.33	74.14	70.07	4.06	69.42%
03-31 @ 20:15	147.69	139.47	8.22	78.46	74.1	4.36	76.34%
04-30 @ 20:30	147.32	139.16	8.16	77.62	73.35	4.27	70.85%
05-25 @ 20:45	158.58	149.97	8.61	85.51	80.81	4.7	74.84%
06-18 @ 21:00	142.07	157.91	-15.84	90.96	86.02	4.94	73.22%
07-15 @ 21:00	168.16	158.94	9.22	97.87	92.44	5.43	80.78%
08-10 @ 20:45	173.51	163.4	10.11	97.1	91.84	5.26	75.55%
09-19 @ 20:00	167.35	158.35	9	92.51	87.53	4.98	74.30%
10-18 @ 19:30	163.32	153.69	9.63	90.41	84.94	5.47	76.76%
11-17 @ 18:00	157.28	147.24	10.04	81.68	76.89	4.79	70.19%
12-19 @ 18:00	159.02	151.24	7.78	85.6	80.86	4.75	74.26%



Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Non-coincident Class Peak (MW)			Energy (GWH)			Load Factor
	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	
01-22 @ 10:15	4,565.96	4,338.08	227.89	2,467.94	2,338.55	129.4	72.46%
02-19 @ 14:00	4,681.59	4,453.40	228.19	2,330.71	2,204.78	125.92	66.54%
03-31 @ 14:30	5,253.55	5,009.12	244.43	2,549.75	2,410.11	139.64	69.13%
04-28 @ 14:00	5,644.01	5,335.08	308.93	2,571.04	2,431.32	139.72	61.25%
05-25 @ 14:30	6,022.26	5,703.78	318.49	2,858.68	2,703.25	155.43	65.83%
06-16 @ 14:15	6,234.94	5,878.90	356.04	3,085.73	2,919.02	166.71	66.74%
07-13 @ 14:00	6,333.80	5,989.84	343.96	3,337.10	3,153.26	183.84	73.12%
08-11 @ 14:30	6,572.05	6,182.01	390.04	3,337.32	3,157.37	179.95	68.65%
09-19 @ 14:00	6,462.40	6,123.99	338.41	3,122.82	2,955.50	167.32	64.87%
10-05 @ 14:30	6,081.97	5,738.44	343.52	2,935.26	2,759.19	176.07	66.78%
11-02 @ 14:00	5,635.00	5,351.64	283.36	2,516.59	2,371.62	144.97	59.56%
12-19 @ 10:30	4,724.76	4,476.05	248.71	2,476.21	2,340.77	135.44	72.63%

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
					Peak	
Jan	01-28 @ 07:15	503.88	476.81	27.07	98.23%	
Feb	02-05 @ 07:15	483.88	458.71	25.18	91.30%	
Mar	03-31 @ 17:15	531.08	502.32	28.76	93.14%	
Apr	04-29 @ 14:15	581.66	547.51	34.14	99.15%	
May	05-25 @ 16:00	589.49	558.87	30.61	97.08%	
Jun	06-15 @ 16:00	601.32	565.43	35.89	96.91%	
Jul	07-15 @ 16:00	599.32	566.2	33.11	95.14%	
Aug	08-09 @ 15:45	637.19	599.17	38.02	97.02%	
Sep	09-19 @ 15:30	631.27	595.5	35.77	96.62%	
Oct	10-05 @ 15:30	623.48	586.76	36.72	97.63%	
Nov	11-02 @ 15:15	582.61	554.2	28.42	97.38%	
Dec	12-19 @ 09:15	509.41	481.97	27.44	97.53%	

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
					Peak	
Jan	01-28 @ 07:15	2,389.45	2,261.07	128.38	85.49%	
Feb	02-05 @ 07:15	2,117.84	2,007.65	110.19	79.26%	
Mar	03-31 @ 17:15	2,362.97	2,235.00	127.97	88.06%	
Apr	04-29 @ 14:15	2,775.67	2,612.73	162.94	93.97%	
May	05-25 @ 16:00	2,763.26	2,619.76	143.5	95.50%	
Jun	06-15 @ 16:00	2,424.91	2,280.18	144.73	92.62%	
Jul	07-15 @ 16:00	2,411.81	2,278.55	133.26	87.53%	
Aug	08-09 @ 15:45	2,276.55	2,140.71	135.83	83.84%	
Sep	09-19 @ 15:30	2,240.45	2,113.50	126.96	83.76%	
Oct	10-05 @ 15:30	2,631.23	2,476.26	154.97	92.74%	
Nov	11-02 @ 15:15	2,458.07	2,338.17	119.89	88.58%	
Dec	12-19 @ 09:15	2,442.30	2,310.75	131.54	86.00%	

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
					Peak	
Jan	01-28 @ 07:15	0	0	0	0.00%	
Feb	02-05 @ 07:15	0	0	0	0.00%	
Mar	03-31 @ 17:15	0	0	0	0.00%	
Apr	04-29 @ 14:15	0	0	0	0.00%	
May	05-25 @ 16:00	0	0	0	0.00%	
Jun	06-15 @ 16:00	0	0	0	0.00%	
Jul	07-15 @ 16:00	0	0	0	0.00%	
Aug	08-09 @ 15:45	0	0	0	0.00%	
Sep	09-19 @ 15:30	0	0	0	0.00%	
Oct	10-05 @ 15:30	0	0	0	0.00%	
Nov	11-02 @ 15:15	0	0	0	0.00%	
Dec	12-19 @ 09:15	0	0	0	0.00%	

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	
					Peak	
Jan	01-28 @ 07:15	0	0	0	0.00%	
Feb	02-05 @ 07:15	0	0	0	0.00%	
Mar	03-31 @ 17:15	0	0	0	0.00%	
Apr	04-29 @ 14:15	0	0	0	0.00%	
May	05-25 @ 16:00	0	0	0	0.00%	
Jun	06-15 @ 16:00	0	0	0	0.00%	
Jul	07-15 @ 16:00	0	0	0	0.00%	
Aug	08-09 @ 15:45	0	0	0	0.00%	
Sep	09-19 @ 15:30	0	0	0	0.00%	
Oct	10-05 @ 15:30	0	0	0	0.00%	
Nov	11-02 @ 15:15	0	0	0	0.00%	
Dec	12-19 @ 09:15	0	0	0	0.00%	

PVS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-11 @ 07:15	489.77	465.71	24.06	24.06	95.48%
02-04 @ 07:15	496.23	468.35	27.88	27.88	93.63%
03-31 @ 17:00	538.57	509.08	29.5	29.5	94.46%
04-25 @ 17:00	537.7	507.49	30.21	30.21	91.66%
05-10 @ 17:00	536.85	507.38	29.48	29.48	88.41%
06-15 @ 17:00	583.15	548.18	34.96	34.96	93.98%
07-14 @ 16:00	596.46	560.38	36.09	36.09	94.69%
08-11 @ 16:30	604.92	569.99	34.94	34.94	92.10%
09-19 @ 16:15	619.03	584.64	34.39	34.39	94.75%
10-05 @ 16:30	603.01	567.4	35.61	35.61	94.42%
11-02 @ 16:00	571.84	543.8	28.04	28.04	95.58%
12-19 @ 07:30	500.53	473.14	27.39	27.39	95.83%

TVS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-11 @ 07:15	2,323.53	2,209.39	114.14	114.14	83.13%
02-04 @ 07:15	2,085.71	1,968.52	117.19	117.19	78.06%
03-31 @ 17:00	2,362.40	2,233.02	129.38	129.38	88.04%
04-25 @ 17:00	2,553.38	2,409.94	143.44	143.44	86.44%
05-10 @ 17:00	2,696.92	2,548.84	148.08	148.08	93.20%
06-15 @ 17:00	2,379.04	2,236.40	142.64	142.64	90.86%
07-14 @ 16:00	2,146.56	2,016.69	129.88	129.88	77.91%
08-11 @ 16:30	1,956.44	1,843.45	112.99	112.99	72.05%
09-19 @ 16:15	2,046.46	1,932.78	113.69	113.69	76.51%
10-05 @ 16:30	2,644.02	2,487.90	156.13	156.13	93.19%
11-02 @ 16:00	2,449.14	2,329.04	120.11	120.11	88.26%
12-19 @ 07:30	2,491.17	2,354.85	136.32	136.32	87.72%

MLS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-11 @ 07:15	0	0	0	0	0.00%
02-04 @ 07:15	0	0	0	0	0.00%
03-31 @ 17:00	0	0	0	0	0.00%
04-25 @ 17:00	0	0	0	0	0.00%
05-10 @ 17:00	0	0	0	0	0.00%
06-15 @ 17:00	0	0	0	0	0.00%
07-14 @ 16:00	0	0	0	0	0.00%
08-11 @ 16:30	0	0	0	0	0.00%
09-19 @ 16:15	0	0	0	0	0.00%
10-05 @ 16:30	0	0	0	0	0.00%
11-02 @ 16:00	0	0	0	0	0.00%
12-19 @ 07:30	0	0	0	0	0.00%

SLS
Coincident with ISO Peak (MW)

Date Time	Generation Level	Meter Level	Losses	Coincident	
				Factor	ISO Peak
01-11 @ 07:15	0	0	0	0	0.00%
02-04 @ 07:15	0	0	0	0	0.00%
03-31 @ 17:00	0	0	0	0	0.00%
04-25 @ 17:00	0	0	0	0	0.00%
05-10 @ 17:00	0	0	0	0	0.00%
06-15 @ 17:00	0	0	0	0	0.00%
07-14 @ 16:00	0	0	0	0	0.00%
08-11 @ 16:30	0	0	0	0	0.00%
09-19 @ 16:15	0	0	0	0	0.00%
10-05 @ 16:30	0	0	0	0	0.00%
11-02 @ 16:00	0	0	0	0	0.00%
12-19 @ 07:30	0	0	0	0	0.00%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
01-28 @ 10:45	512.95	486.83	26.12	304.71	288.7	16.01	79.71%
02-29 @ 14:00	530	502.08	27.91	291.51	275.69	15.82	73.80%
03-31 @ 13:30	570.18	542.6	27.59	316.42	299.02	17.4	79.18%
04-28 @ 13:45	586.62	554.43	32.19	315.22	298.03	17.19	72.25%
05-25 @ 14:00	607.22	574.78	32.44	341.59	322.96	18.62	78.04%
06-15 @ 13:45	620.48	585.13	35.35	357.56	338.12	19.45	77.67%
07-14 @ 14:15	629.92	593.35	36.57	377.96	357.08	20.88	83.58%
08-09 @ 14:30	656.78	618.09	38.69	388.44	367.52	20.92	79.92%
09-07 @ 14:00	653.34	618.05	35.29	371.34	351.4	19.93	76.42%
10-05 @ 13:45	638.64	603.01	35.63	359.52	337.85	21.66	77.82%
11-02 @ 13:45	598.29	567.72	30.57	320.71	302.11	18.6	71.53%
12-09 @ 10:00	522.33	498.62	23.7	311.25	294.15	17.11	81.93%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
01-29 @ 15:45	2,794.94	2,639.99	154.94	1,794.06	1,699.51	94.55	86.53%
02-19 @ 14:15	2,672.07	2,541.29	130.78	1,661.05	1,570.27	90.78	83.05%
03-16 @ 13:00	2,683.46	2,546.19	137.27	1,799.54	1,699.87	99.67	95.92%
04-30 @ 05:30	2,953.86	2,782.00	171.86	1,812.05	1,712.69	99.37	82.75%
05-01 @ 11:45	2,893.60	2,732.50	161.09	1,945.54	1,839.06	106.48	93.48%
06-17 @ 09:45	2,618.22	2,480.20	138.02	1,711.83	1,618.84	92.99	87.73%
07-23 @ 10:30	2,755.32	2,611.36	143.96	1,809.91	1,709.49	100.42	90.92%
08-06 @ 03:00	2,715.44	2,563.50	151.95	1,793.99	1,697.23	96.76	88.99%
09-27 @ 13:45	2,674.72	2,549.11	125.6	1,688.18	1,597.52	90.66	84.23%
10-11 @ 11:30	2,837.19	2,678.20	159	1,934.46	1,817.50	116.96	94.25%
11-29 @ 01:30	2,774.87	2,596.54	178.34	1,783.86	1,679.27	104.59	86.93%
12-17 @ 19:00	2,840.02	2,677.19	162.84	1,869.54	1,765.93	103.61	91.61%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
01-29 @ 24:00	13.99	13.2	0.8	5.47	5.18	0.29	52.75%
02-27 @ 24:00	13.87	13.1	0.77	4.84	4.56	0.27	46.79%
03-30 @ 24:00	13.75	13.08	0.66	4.79	4.51	0.27	49.54%
04-28 @ 24:00	13.82	13.01	0.81	4.24	4	0.24	41.32%
05-29 @ 01:30	13.83	13	0.83	4.04	3.81	0.23	40.71%
06-28 @ 23:45	13.73	12.97	0.76	3.71	3.51	0.21	36.37%
07-30 @ 20:45	13.72	12.94	0.78	3.95	3.72	0.22	39.93%
08-29 @ 06:15	13.51	12.93	0.58	4.25	4.02	0.23	41.79%
09-29 @ 00:15	13.6	12.94	0.66	4.47	4.23	0.24	43.94%
10-29 @ 19:15	13.6	12.87	0.73	5.01	4.7	0.31	50.72%
11-10 @ 00:15	13.7	12.86	0.84	5.13	4.82	0.31	50.38%
12-31 @ 23:15	13.56	12.82	0.74	5.42	5.11	0.31	55.36%

Non-coincident Class Peak (MW) Energy (GWH)

Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
01-29 @ 24:00	63.28	59.68	3.6	24.75	23.43	1.32	52.77%
02-28 @ 24:00	62.11	59.09	3.03	21.81	20.58	1.23	46.81%
03-30 @ 24:00	61.4	58.45	2.96	21.39	20.16	1.22	49.56%
04-29 @ 24:00	61.39	57.87	3.52	18.86	17.8	1.07	41.34%
05-29 @ 00:15	60.9	57.27	3.63	17.79	16.79	0.99	40.72%
06-28 @ 00:15	60.46	57.09	3.38	16.34	15.43	0.91	36.33%
07-30 @ 04:15	62.57	59.1	3.48	18.02	16.99	1.03	39.93%
08-30 @ 22:30	59.56	56.75	2.81	18.64	17.63	1.01	41.76%
09-29 @ 21:15	59.33	56.74	2.6	19.61	18.54	1.07	43.92%
10-29 @ 00:15	60.15	56.67	3.49	22.04	20.67	1.37	50.66%
11-14 @ 05:30	60.27	56.45	3.81	22.52	21.16	1.37	50.38%
12-07 @ 21:00	59.1	55.94	3.16	23.66	22.31	1.35	55.39%

Regulatory Load Study (2015)

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)					
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
					System Peak	ISO Peak					System Peak	ISO Peak								
Jan	01-09 @ 18:00	4,897.75	4,701.79	195.96	98.52%	01-08 @ 07:15	4,737.62	4,576.91	160.71	93.37%	01-09 @ 18:15	5,074.09	4,865.84	208.25	2,180.15	2,085.00	95.15	57.58%		
Feb	02-23 @ 19:00	5,166.94	4,888.12	278.83	94.61%	02-23 @ 19:00	5,166.94	4,888.12	278.83	98.81%	02-23 @ 18:45	5,223.68	4,948.21	275.47	1,779.02	1,683.89	95.12	45.74%		
Mar	03-06 @ 07:15	4,492.64	4,263.98	228.67	99.06%	03-06 @ 07:15	4,492.64	4,263.98	228.67	99.06%	03-06 @ 07:00	4,535.50	4,315.76	219.73	1,732.64	1,642.77	89.87	56.64%		
Apr	04-23 @ 16:30	5,185.28	4,914.64	270.64	94.56%	04-09 @ 17:00	4,614.97	4,362.37	252.59	84.16%	04-25 @ 17:45	5,483.58	5,189.58	294.02	1,972.88	1,860.90	111.98	48.20%		
May	05-28 @ 14:30	5,463.26	5,180.33	282.93	82.10%	05-18 @ 17:00	5,370.93	5,135.68	235.25	80.72%	05-30 @ 15:15	6,654.12	6,288.08	366.04	2,603.61	2,461.00	142.61	54.36%		
Jun	06-24 @ 16:30	7,491.28	7,061.56	429.71	97.20%	06-10 @ 16:45	7,427.13	7,041.37	385.77	96.87%	06-24 @ 18:00	7,706.81	7,289.80	417.01	3,331.11	3,146.24	184.87	58.01%		
Jul	07-28 @ 16:00	8,318.24	7,866.68	451.55	92.53%	07-30 @ 16:45	8,525.20	8,044.01	481.19	94.83%	07-26 @ 17:30	8,990.03	8,402.27	587.76	4,104.19	3,866.18	238.01	63.91%		
Aug	08-11 @ 16:00	9,119.16	8,570.57	548.58	97.57%	08-10 @ 17:00	9,039.67	8,513.23	526.44	96.72%	08-09 @ 17:30	9,346.68	8,752.83	593.85	3,895.52	3,676.67	218.85	56.46%		
Sep	09-08 @ 16:30	7,185.81	6,799.25	386.56	89.18%	09-08 @ 16:30	7,185.81	6,799.25	386.56	89.13%	09-06 @ 17:00	8,062.52	7,601.91	460.61	3,011.10	2,848.50	162.6	50.36%		
Oct	10-12 @ 16:00	6,282.00	5,943.53	338.48	95.56%	10-12 @ 16:45	6,483.28	6,131.67	351.6	98.62%	10-12 @ 17:30	6,574.03	6,208.34	365.69	2,338.42	2,215.22	123.21	49.56%		
Nov	11-05 @ 15:00	4,131.95	3,899.10	232.84	95.56%	11-05 @ 18:30	4,554.83	4,314.17	240.66	99.93%	11-05 @ 18:45	4,558.04	4,317.15	240.85	1,748.90	1,647.37	101.53	51.29%		
Dec	12-11 @ 18:00	3,734.49	3,527.51	206.98	75.15%	12-28 @ 19:00	4,056.77	3,828.17	228.6	81.63%	12-25 @ 14:15	4,969.80	4,662.68	306.92	1,875.65	1,855.03	120.63	55.28%		

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)					
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
					System Peak	ISO Peak					System Peak	ISO Peak								
Jan	01-09 @ 18:00	159.86	153.46	6.4	100.00%	01-08 @ 07:15	132.04	127.56	4.48	82.60%	01-09 @ 18:00	159.86	153.46	6.4	84.82	81.03	3.79	70.97%		
Feb	02-23 @ 19:00	153.96	145.65	8.31	99.30%	02-23 @ 19:00	153.96	145.65	8.31	99.30%	02-24 @ 18:45	155.04	146.7	8.34	74.34	70.3	4.03	64.41%		
Mar	03-06 @ 07:15	94.19	89.4	4.79	63.42%	03-06 @ 07:15	94.19	89.4	4.79	63.42%	03-05 @ 19:00	148.52	141.48	7.04	78.05	73.91	4.13	77.74%		
Apr	04-23 @ 16:30	111.98	106.14	5.84	76.03%	04-09 @ 17:00	104.54	98.82	5.72	70.98%	04-23 @ 20:15	147.28	139.46	7.83	76.98	72.49	4.49	69.86%		
May	05-28 @ 14:30	121	114.73	6.27	80.16%	05-18 @ 17:00	111.59	106.7	4.89	73.93%	05-20 @ 20:45	150.94	142.51	8.43	83.5	78.88	4.62	76.88%		
Jun	06-24 @ 16:30	130.8	123.29	7.5	84.30%	06-10 @ 16:45	127.54	120.92	6.62	82.20%	06-24 @ 21:00	155.16	146.23	8.92	84.75	79.98	4.77	73.51%		
Jul	07-28 @ 16:00	137.86	130.37	7.48	85.81%	07-30 @ 16:45	137.45	129.7	7.76	85.56%	07-29 @ 21:00	160.85	152.27	8.58	92.48	87.08	5.4	79.43%		
Aug	08-11 @ 16:00	144.31	135.62	8.68	88.56%	08-10 @ 17:00	136.39	128.53	7.85	83.70%	08-10 @ 20:45	162.95	153.83	9.13	92	86.85	5.16	75.88%		
Sep	09-08 @ 16:30	128.86	121.93	6.93	83.18%	09-08 @ 16:30	128.86	121.93	6.93	83.18%	09-22 @ 20:00	154.92	146.53	8.39	85.57	80.9	4.67	74.21%		
Oct	10-12 @ 16:00	120.71	114.2	6.5	79.38%	10-12 @ 16:45	119.06	114.61	6.46	78.29%	10-12 @ 19:30	152.07	144.07	7.99	83.91	79.45	4.46	76.59%		
Nov	11-05 @ 15:00	113.47	107.08	6.39	74.50%	11-05 @ 18:30	151.56	143.55	8.01	99.51%	11-05 @ 18:15	152.31	144.27	8.04	78.05	73.46	4.58	68.44%		
Dec	12-11 @ 18:00	148.74	140.5	8.24	100.00%	12-28 @ 19:00	143.81	135.71	8.1	96.69%	12-11 @ 18:00	148.74	140.5	8.24	82.44	77.37	5.07	76.48%		

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)					
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Date Time	Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor
					System Peak	ISO Peak					System Peak	ISO Peak								
Jan	01-09 @ 18:00	4,660.25	4,473.79	186.46	81.89%	01-08 @ 07:15	4,820.04	4,656.54	163.5	95.04%	01-09 @ 11:15	5,071.68	4,801.14	170.53	2,671.11	2,554.80	116.3	70.06%		
Feb	02-23 @ 19:00	4,160.09	3,935.60	224.49	83.20%	02-23 @ 19:00	4,160.09	3,935.60	224.49	83.20%	02-24 @ 10:15	4,999.96	4,755.02	244.94	2,351.55	2,225.88	125.67	62.92%		
Mar	03-06 @ 07:15	4,473.79	4,246.08	227.71	91.05%	03-06 @ 07:15	4,473.79	4,246.08	227.71	91.05%	03-31 @ 15:00	4,913.77	4,709.17	204.6	2,537.78	2,405.45	132.33	76.01%		
Apr	04-23 @ 16:30	5,256.86	4,982.49	274.37	95.72%	04-09 @ 17:00	4,949.95	4,679.02	270.93	80.13%	04-23 @ 14:30	5,491.81	5,217.87	273.94	2,632.04	2,482.76	149.28	63.95%		
May	05-28 @ 14:30	5,814.72	5,513.60	301.13	99.50%	05-18 @ 17:00	5,115.92	4,895.66	224.25	87.61%	05-28 @ 14:00	5,844.01	5,536.07	307.94	2,868.53	2,712.22	156.31	68.04%		
Jun	06-24 @ 16:30	5,821.05	5,487.14	333.91	96.76%	06-10 @ 16:45	5,650.84	5,357.34	293.51	93.93%	06-24 @ 14:30	6,016.22	5,673.29	342.93	3,043.57	2,874.61	168.96	68.10%		
Jul	07-28 @ 16:00	6,117.44	5,785.36	332.08	97.46%	07-30 @ 16:45	5,989.93	5,651.84	338.09	95.43%	07-29 @ 14:30	6,276.93	5,930.90	346.03	3,345.85	3,152.25	193.61	73.82%		
Aug	08-11 @ 16:00	6,413.65	6,027.83	385.83	98.60%	08-10 @ 17:00	6,044.11	5,696.14	347.98	92.92%	08-29 @ 14:45	6,504.98	6,121.85	383.13	3,314.61	3,130.18	184.42	68.72%		
Sep	09-08 @ 16:30	5,830.84	5,517.17	313.67	94.36%	09-08 @ 16:30	5,830.84	5,517.17	313.67	94.36%	09-08 @ 14:00	6,179.41	5,850.33	329.08	2,997.32	2,836.01	161.31	65.16%		
Oct	10-12 @ 16:00	5,568.16	5,268.15	300.02	96.12%	10-12 @ 16:45	5,377.78	5,086.13	291.65	92.83%	10-13 @ 14:30	5,783.19	5,488.24	304.95	2,806.52	2,659.40	147.12	67.30%		
Nov	11-05 @ 15:00	5,426.83	5,121.02	305.81	98.68%	11-05 @ 18:30	4,423.10	4,189.39	233.7	80.43%	11-05 @ 13:30	5,499.29	5,196.04	303.25	2,422.47	2,281.84	140.62	58.03%		
Dec	12-11 @ 18:00	4,285.55	4,048.02	237.53	86.53%	12-28 @ 19:00	3,423.24	3,230.33	192.9	69.12%	12-11 @ 13:30	4,952.74	4,666.58	286.16	2,462.35	2,311.92	150.43	68.81%		

Regulatory Load Study (2015)

Class Peak	Date Time	Coincident with System Peak (MW)			Coincident with ISO Peak (MW)			Coincident Factor			Non-coincident Class Peak (MW)			Energy (GWh)						
		Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	System Peak	Date Time	ISO Peak	82.60%	01:30 @ 19:45	75.54	578.41	514.15	325.94	14.26	325.94	311.6	14.39
Jan	01-09 @ 18:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Jan	01-09 @ 19:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Jan	01-09 @ 20:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Jan	01-09 @ 21:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Jan	01-09 @ 22:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Jan	01-09 @ 23:00	497.03	477.14	0	497.03	477.14	0	94.06%	01-08 @ 07:15	17.54	97.87%	01-08 @ 10:45	578.41	514.15	325.94	14.26	325.94	311.6	14.39	81.46%
Feb	02-23 @ 18:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Feb	02-23 @ 19:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Feb	02-23 @ 20:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Feb	02-23 @ 21:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Feb	02-23 @ 22:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Feb	02-23 @ 23:00	497.03	477.14	0	497.03	477.14	0	94.06%	02-23 @ 19:00	26.95	90.51%	02-17 @ 10:15	551.67	526.65	289.04	16.06	289.04	273.06	16.06	75.36%
Mar	03-06 @ 18:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Mar	03-06 @ 19:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Mar	03-06 @ 20:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Mar	03-06 @ 21:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Mar	03-06 @ 22:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Mar	03-06 @ 23:00	532.02	512.84	0	532.02	512.84	0	92.81%	03-06 @ 07:15	28.22	92.81%	03-04 @ 13:30	568.42	537.82	286.61	17.1	286.61	269.51	17.1	75.34%
Apr	04-23 @ 18:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
Apr	04-23 @ 19:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
Apr	04-23 @ 20:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
Apr	04-23 @ 21:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
Apr	04-23 @ 22:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
Apr	04-23 @ 23:00	604.79	573.47	0	604.79	573.47	0	94.83%	04-23 @ 17:00	24.23	94.83%	04-23 @ 14:45	624.41	573.47	350.77	31.32	350.77	311.55	20.11	77.39%
May	05-24 @ 18:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
May	05-24 @ 19:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
May	05-24 @ 20:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
May	05-24 @ 21:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
May	05-24 @ 22:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
May	05-24 @ 23:00	598.16	551.15	0	598.16	551.15	0	92.15%	05-24 @ 16:45	33.54	92.15%	05-10 @ 13:30	634.82	580.33	360.01	34.07	360.01	318.91	20.11	80.54%
Jun	06-24 @ 18:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jun	06-24 @ 19:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jun	06-24 @ 20:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jun	06-24 @ 21:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jun	06-24 @ 22:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jun	06-24 @ 23:00	573.74	542.88	0	573.74	542.88	0	94.80%	06-24 @ 16:30	30.86	94.80%	06-10 @ 13:30	642.38	606.32	384.19	36.24	384.19	367.77	21.42	80.45%
Jul	07-28 @ 18:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Jul	07-28 @ 19:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Jul	07-28 @ 20:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Jul	07-28 @ 21:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Jul	07-28 @ 22:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Jul	07-28 @ 23:00	549.49	511.15	0	549.49	511.15	0	93.00%	07-28 @ 16:30	31.79	93.00%	07-13 @ 13:30	592.65	559.42	310.71	29.55	310.71	272.59	18.12	70.30%
Aug	08-11 @ 18:00	529.11	501.15	0	529.11	501.15	0	94.70%	08-11 @ 16:30	31.2	94.70%	08-05 @ 13:30	587.33	565.88	343.33	32.22	343.33	311.11	18.11	78.84%
Aug	08-11 @ 19:00	529.11	501.15	0	529.11	501.15	0	94.70%	08-11 @ 16:30	31.2	94.70%	08-05 @ 13:30	587.33	565.88	343.33	32.22	343.33	311.11	18.11	78.84%
Aug	08-11 @ 20:00	529.11	501.15	0	529.11	501.15	0	94.70%	08-11 @ 16:30	31.2	94.70%	08-05 @ 13:30	587.33	565.88	343.33	32.22	343.33	311.11	18.11	78.84%
Aug	08-11 @ 21:00	529.11	501.15	0	529.11	501.15	0	94.70%	08-11 @ 16:30	31.2	94.70%	08-05 @ 13:30	587.33	565.88	343.33	32.22	343.33	311.11	18.11	78.84%
Aug	08-11 @ 22:00	529.11	501.15	0	529.11	501.15	0	94.70%	08-11 @ 16:30	31.2	94.70%	08-05 @ 13:30	587.							

Regulatory Load Study (2016)

Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)					
Class Peak	Date Time	Generation Level	Meter Level	System Peak	Date Time	Generation Level	Meter Level	Coincident Factor	Date Time	Generation Level	Meter Level	Losses	Load Factor
Jan	01-28 @ 07:15	4,982.30	3,462.30	219.33	08:58 @ 01:11 @ 07:15	4,018.76	3,821.35	197.41	08:29 @ 01:28 @ 07:00	4,088.47	3,866.81	221.56	64.84%
Feb	02-05 @ 07:15	3,877.75	3,675.59	202.75	09:59 @ 02:04 @ 07:15	3,658.48	3,432.15	206.33	08:59 @ 01:28 @ 07:00	3,893.88	3,673.53	220.35	54.99%
Mar	03-31 @ 07:15	5,017.19	4,765.69	251.75	06:58 @ 03:31 @ 17:00	4,928.70	4,654.76	269.94	04:59 @ 03:31 @ 18:15	5,196.12	4,913.06	283.05	96.26
Apr	04-29 @ 14:15	5,067.28	4,798.82	297.46	09:26 @ 04:25 @ 17:00	5,325.49	5,152.02	310.4	07:12 @ 04:30 @ 17:15	6,342.16	5,896.33	355.84	42.59%
May	05-25 @ 16:00	6,259.37	6,218.73	340.64	08:24 @ 05:10 @ 17:00	6,053.17	5,720.81	332.37	08:27 @ 05:28 @ 17:00	6,822.81	6,405.26	417.55	53.77%
Jun	06-15 @ 16:00	7,494.80	7,423.61	471.18	09:42 @ 06:15 @ 17:00	8,136.02	7,846.21	487.81	06:59 @ 06:18 @ 17:45	8,414.45	7,938.37	475.08	54.91%
Jul	07-15 @ 16:00	8,410.08	8,350.60	459.48	09:08 @ 07:14 @ 16:00	8,351.30	7,964.21	505.23	06:27 @ 07:24 @ 16:30	8,845.32	8,366.49	478.84	66.91%
Aug	08-09 @ 13:45	8,481.36	8,401.08	480.28	04:38 @ 08:11 @ 16:00	8,386.53	8,356.18	510.35	06:27 @ 07:24 @ 16:30	8,845.32	8,366.49	478.84	66.91%
Sep	09-19 @ 13:50	7,871.78	7,425.72	446.06	07:38 @ 09:19 @ 16:00	8,149.93	7,897.18	452.75	06:27 @ 07:24 @ 16:30	8,845.32	8,366.49	478.84	66.91%
Oct	10-05 @ 13:50	6,545.05	6,195.58	385.47	06:08 @ 10:05 @ 16:30	6,629.68	6,238.20	391.48	07:17 @ 10:05 @ 16:30	7,217.90	6,749.92	467.98	51.58%
Nov	11-02 @ 13:15	4,754.05	4,580.15	230.9	07:08 @ 11:02 @ 16:00	4,835.31	4,617.21	238.11	06:10 @ 11:02 @ 16:30	5,092.12	4,799.78	252.34	48.33%
Dec	12-19 @ 09:15	4,356.04	4,310.85	245.39	07:58 @ 12:19 @ 07:30	4,716.91	4,658.79	238.11	06:59 @ 12:19 @ 20:30	5,201.90	4,885.02	316.88	53.11%

Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)					
Class Peak	Date Time	Generation Level	Meter Level	System Peak	Date Time	Generation Level	Meter Level	Coincident Factor	Date Time	Generation Level	Meter Level	Losses	Load Factor
Jan	01-28 @ 07:15	123.57	118.82	6.75	03:29 @ 01:11 @ 07:15	123.69	117.62	6.08	04:54 @ 01:22 @ 18:30	146.14	138.76	7.38	4.3
Feb	02-05 @ 07:15	116.5	110.44	6.06	04:27 @ 02:04 @ 07:15	114.91	108.45	6.46	00:36 @ 02:04 @ 18:45	142.89	135.66	7.23	74.79%
Mar	03-31 @ 07:15	108.63	102.18	6.45	01:57 @ 03:31 @ 17:00	109.81	103.8	6.01	00:36 @ 03:31 @ 20:15	147.69	139.47	8.22	4.06
Apr	04-29 @ 14:15	137.31	133.45	3.86	01:08 @ 04:25 @ 17:00	112.71	106.38	6.33	06:51 @ 04:30 @ 20:30	147.32	139.16	8.16	76.46
May	05-25 @ 16:00	145.91	142.89	3.02	08:40 @ 05:10 @ 17:00	119.48	112.92	6.56	05:38 @ 05:25 @ 20:45	158.58	149.97	8.61	4.7
Jun	06-15 @ 16:00	148.13	146.73	1.4	10:23 @ 06:15 @ 17:00	143.54	138.99	8.55	10:33 @ 06:18 @ 21:00	142.07	137.91	-15.84	73.22%
Jul	07-15 @ 16:00	148.13	146.73	1.4	08:48 @ 07:14 @ 16:00	149.83	144.92	8.84	09:10 @ 07:15 @ 21:00	168.16	158.94	9.22	4.84
Aug	08-09 @ 13:45	148.13	146.73	1.4	08:48 @ 07:14 @ 16:00	149.83	144.92	8.84	08:48 @ 07:14 @ 16:00	168.16	158.94	9.22	4.84
Sep	09-19 @ 13:50	148.13	146.73	1.4	07:58 @ 09:19 @ 16:00	152.14	147.86	8.1	07:08 @ 09:19 @ 20:00	167.35	158.35	9	91.84
Oct	10-05 @ 13:50	138.66	132.43	6.23	05:51 @ 10:05 @ 16:30	138.89	127.86	8.02	03:20 @ 10:18 @ 19:00	163.32	153.69	9.63	90.41
Nov	11-02 @ 13:15	123.48	117.46	6.02	07:58 @ 11:02 @ 16:00	123.48	118.18	5.39	07:48 @ 11:17 @ 19:00	137.28	127.24	10.04	81.68
Dec	12-19 @ 09:15	109.47	103.57	5.9	08:58 @ 12:19 @ 07:30	123.37	118.62	6.75	07:58 @ 12:19 @ 18:00	139.02	131.24	7.78	85.6

Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)					
Class Peak	Date Time	Generation Level	Meter Level	System Peak	Date Time	Generation Level	Meter Level	Coincident Factor	Date Time	Generation Level	Meter Level	Losses	Load Factor
Jan	01-28 @ 07:15	4,384.94	4,148.35	236.58	06:04 @ 01:41 @ 07:15	4,137.04	4,027.84	210.4	03:43 @ 01:22 @ 10:15	4,505.96	4,334.08	227.89	72.46%
Feb	02-05 @ 07:15	4,444.41	4,185.84	258.57	09:25 @ 02:04 @ 07:15	4,137.04	4,027.84	210.4	04:16 @ 01:22 @ 14:00	4,505.96	4,334.08	227.89	72.46%
Mar	03-31 @ 07:15	5,304.42	4,985.84	318.58	02:28 @ 03:31 @ 17:00	4,985.84	4,763.57	221.9	04:16 @ 03:31 @ 14:00	5,253.55	5,009.12	244.43	139.64
Apr	04-29 @ 14:15	5,942.79	5,741.05	201.74	09:24 @ 04:25 @ 17:00	5,231.72	4,944.26	287.46	05:08 @ 04:25 @ 14:00	5,684.01	5,355.08	328.93	139.64
May	05-25 @ 16:00	6,106.28	5,741.05	365.23	07:08 @ 05:10 @ 17:00	5,860.13	5,508.77	351.35	04:27 @ 05:28 @ 17:00	6,022.26	5,702.78	319.48	61.25%
Jun	06-15 @ 16:00	5,912.74	5,586.05	326.69	09:35 @ 06:15 @ 17:00	6,212.03	5,858.07	353.96	08:48 @ 06:18 @ 21:00	6,238.54	5,878.90	359.64	65.83%
Jul	07-15 @ 16:00	6,315.34	6,051.37	263.97	03:35 @ 07:14 @ 16:00	6,212.03	5,858.07	353.96	09:19 @ 07:15 @ 21:00	6,333.40	5,983.84	349.56	66.74%
Aug	08-09 @ 13:45	6,315.34	6,051.37	263.97	07:58 @ 06:11 @ 16:30	6,212.03	5,858.07	353.96	08:48 @ 06:18 @ 21:00	6,333.40	5,983.84	349.56	66.74%
Sep	09-19 @ 13:50	6,315.34	6,051.37	263.97	04:38 @ 09:19 @ 16:15	6,200.56	5,858.07	353.96	09:19 @ 07:15 @ 21:00	6,333.40	5,983.84	349.56	66.74%
Oct	10-05 @ 13:50	5,620.35	5,646.96	353.39	06:68 @ 10:05 @ 16:30	5,669.90	5,465.10	304.8	08:18 @ 10:18 @ 14:00	6,082.40	5,738.44	343.96	64.87%
Nov	11-02 @ 13:15	5,529.73	5,260.02	269.71	08:13 @ 11:02 @ 16:00	5,376.11	5,111.20	263.91	07:58 @ 11:02 @ 14:00	5,650.00	5,351.84	298.16	59.58%
Dec	12-19 @ 09:15	4,661.73	4,410.85	250.88	08:58 @ 12:19 @ 07:30	4,338.69	4,102.21	237.47	07:58 @ 12:19 @ 10:30	4,724.76	4,474.05	248.71	72.63%

Regulatory Load Study (2016)

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)				
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor	
					System Peak	Date Time				ISO Peak	Date Time								
Jan	01-28 @ 07:15	503.88	476.81	27.07	98.23%	01-11 @ 07:15	489.77	465.71	24.06	95.48%	01-28 @ 10:45	512.95	486.83	26.12	304.71	288.7	16.01	79.71%	
Feb	02-05 @ 07:15	483.88	458.71	25.18	91.30%	02-04 @ 07:15	496.23	468.35	27.88	93.63%	02-29 @ 14:00	530	502.08	27.91	291.51	275.69	15.82	73.80%	
Mar	03-31 @ 17:15	531.08	502.32	28.76	93.14%	03-31 @ 17:00	538.57	509.08	29.5	94.46%	03-31 @ 13:30	570.18	542.6	27.59	316.42	299.02	17.4	79.18%	
Apr	04-29 @ 14:15	581.66	547.51	34.14	99.15%	04-25 @ 17:00	537.7	507.49	30.21	91.66%	04-28 @ 13:45	586.62	554.43	32.19	315.22	298.03	17.19	72.25%	
May	05-25 @ 16:00	589.49	558.87	30.61	97.08%	05-10 @ 17:00	536.85	507.38	29.48	88.41%	05-25 @ 14:00	607.22	574.78	32.44	341.59	322.96	18.62	78.04%	
Jun	06-15 @ 16:00	601.32	565.43	35.89	96.91%	06-15 @ 17:00	583.15	548.18	34.96	93.98%	06-15 @ 13:45	620.48	585.13	35.35	357.56	338.12	19.45	77.67%	
Jul	07-15 @ 16:00	599.32	566.2	33.11	95.14%	07-14 @ 16:00	596.46	560.38	36.09	94.69%	07-14 @ 14:15	629.92	593.35	36.57	377.96	357.08	20.88	83.58%	
Aug	08-09 @ 15:45	637.19	599.17	38.02	97.02%	08-11 @ 16:30	604.32	569.99	34.34	92.10%	08-09 @ 14:30	656.78	618.09	38.69	388.44	367.52	20.92	79.92%	
Sep	09-19 @ 15:30	631.27	595.5	35.77	96.62%	09-19 @ 16:15	619.03	584.64	34.39	94.75%	09-07 @ 14:00	653.34	618.05	35.29	371.34	351.4	19.93	76.42%	
Oct	10-05 @ 15:30	623.48	586.76	36.72	97.49%	10-05 @ 16:30	603.01	567.4	35.61	94.42%	10-05 @ 13:45	638.64	603.01	35.63	359.52	337.85	21.66	77.82%	
Nov	11-02 @ 15:15	582.61	554.2	28.42	97.38%	11-02 @ 16:00	571.84	545.8	26.04	95.58%	11-02 @ 13:45	598.29	567.72	30.57	320.71	302.11	18.6	71.53%	
Dec	12-19 @ 09:15	509.41	481.97	27.44	97.53%	12-19 @ 07:30	500.53	473.14	27.39	95.83%	12-09 @ 10:00	522.33	498.62	23.7	311.25	294.15	17.11	81.93%	

Regulatory Load Study (2016)

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)				
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor	
					System Peak	Date Time				ISO Peak	Date Time								
Jan	01-28 @ 07:15	2,389.45	2,261.07	128.38	85.49%	01-11 @ 07:15	2,328.53	2,209.39	119.14	83.13%	01-29 @ 15:45	2,794.94	2,639.99	154.94	1,794.06	1,699.51	94.55	86.53%	
Feb	02-05 @ 07:15	2,117.84	2,007.65	110.19	79.26%	02-04 @ 07:15	2,085.71	1,968.52	117.19	78.06%	02-19 @ 14:15	2,672.07	2,541.28	130.78	1,661.05	1,570.27	90.78	83.05%	
Mar	03-31 @ 17:15	2,362.97	2,235.00	127.97	88.06%	03-31 @ 17:00	2,362.40	2,233.02	129.38	88.04%	03-16 @ 13:00	2,643.46	2,546.19	137.27	1,799.54	1,699.47	99.87	95.92%	
Apr	04-29 @ 14:15	2,775.67	2,612.73	162.94	93.97%	04-25 @ 17:00	2,553.38	2,409.84	143.44	86.44%	04-20 @ 05:30	2,953.85	2,783.00	171.86	1,812.05	1,712.49	99.37	82.75%	
May	05-25 @ 16:00	2,763.26	2,619.76	143.5	95.50%	05-10 @ 17:00	2,696.92	2,548.84	148.08	93.20%	05-01 @ 11:45	2,893.60	2,732.50	161.09	1,945.54	1,839.06	106.48	93.48%	
Jun	06-15 @ 16:00	2,424.91	2,280.18	144.73	92.82%	06-15 @ 17:00	2,379.04	2,236.40	142.64	90.86%	06-17 @ 09:45	2,618.22	2,480.20	138.02	1,711.83	1,618.84	92.89	87.73%	
Jul	07-15 @ 16:00	2,411.81	2,278.55	133.26	87.53%	07-14 @ 16:00	2,146.56	2,016.69	129.88	77.81%	07-23 @ 10:30	2,755.32	2,613.36	143.96	1,809.91	1,709.49	100.42	90.92%	
Aug	08-09 @ 15:45	2,276.55	2,140.71	135.83	83.84%	08-11 @ 16:30	1,956.44	1,843.45	112.99	72.05%	08-06 @ 03:00	2,715.44	2,563.50	151.95	1,793.99	1,697.23	96.76	88.98%	
Sep	09-19 @ 15:30	2,240.45	2,113.50	126.96	83.76%	09-19 @ 16:15	2,046.46	1,932.78	113.69	76.51%	09-27 @ 13:45	2,674.72	2,549.11	125.6	1,688.18	1,597.52	90.66	84.23%	
Oct	10-05 @ 15:30	2,631.23	2,476.26	154.97	92.74%	10-05 @ 16:30	2,644.02	2,487.90	156.13	93.19%	10-11 @ 11:30	2,837.18	2,678.20	159	1,934.46	1,817.50	116.96	94.25%	
Nov	11-02 @ 15:15	2,458.07	2,338.17	119.89	88.58%	11-02 @ 16:00	2,449.14	2,329.04	120.11	88.26%	11-29 @ 01:30	2,774.87	2,596.54	178.34	1,783.86	1,678.27	104.59	86.93%	
Dec	12-19 @ 09:15	2,442.30	2,310.75	131.54	86.00%	12-19 @ 07:30	2,491.17	2,354.85	136.32	87.72%	12-17 @ 19:00	2,840.02	2,677.19	162.84	1,869.54	1,765.93	103.61	91.61%	

Regulatory Load Study (2016)

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)				
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor	
					System Peak	Date Time				ISO Peak	Date Time								
Jan	01-28 @ 07:15	0	0	0	0.00%	01-11 @ 07:15	0	0	0	0.00%	01-29 @ 24:00	13.99	13.2	0.8	5.47	5.18	0.29	52.75%	
Feb	02-05 @ 07:15	0	0	0	0.00%	02-04 @ 07:15	0	0	0	0.00%	02-27 @ 24:00	13.87	13.1	0.77	4.84	4.56	0.27	46.78%	
Mar	03-31 @ 17:15	0	0	0	0.00%	03-31 @ 17:00	0	0	0	0.00%	03-30 @ 24:00	13.75	13.08	0.66	4.79	4.51	0.27	49.54%	
Apr	04-29 @ 14:15	0	0	0	0.00%	04-25 @ 17:00	0	0	0	0.00%	04-28 @ 24:00	13.82	13.01	0.81	4.24	4	0.24	41.32%	
May	05-25 @ 16:00	0	0	0	0.00%	05-10 @ 17:00	0	0	0	0.00%	05-29 @ 01:30	13.83	13	0.83	4.04	3.81	0.23	40.71%	
Jun	06-15 @ 16:00	0	0	0	0.00%	06-15 @ 17:00	0	0	0	0.00%	06-28 @ 23:45	13.73	12.97	0.76	3.71	3.51	0.21	36.37%	
Jul	07-15 @ 16:00	0	0	0	0.00%	07-14 @ 16:00	0	0	0	0.00%	07-30 @ 20:45	13.72	12.94	0.78	3.95	3.72	0.22	39.83%	
Aug	08-09 @ 15:45	0	0	0	0.00%	08-11 @ 16:30	0	0	0	0.00%	08-29 @ 06:15	13.51	12.93	0.58	4.25	4.02	0.23	41.79%	
Sep	09-19 @ 15:30	0	0	0	0.00%	09-19 @ 16:15	0	0	0	0.00%	09-29 @ 00:15	13.6	12.94	0.66	4.47	4.23	0.24	43.94%	
Oct	10-05 @ 15:30	0	0	0	0.00%	10-05 @ 16:30	0	0	0	0.00%	10-29 @ 18:15	13.6	12.87	0.73	5.01	4.7	0.31	50.72%	
Nov	11-02 @ 15:15	0	0	0	0.00%	11-02 @ 16:00	0	0	0	0.00%	11-10 @ 00:15	13.7	12.86	0.84	5.13	4.82	0.31	50.38%	
Dec	12-19 @ 09:15	0	0	0	0.00%	12-19 @ 07:30	0	0	0	0.00%	12-31 @ 23:15	13.56	12.82	0.74	5.42	5.11	0.31	55.86%	

Regulatory Load Study (2016)

Coincident with System Peak (MW)					Coincident with ISO Peak (MW)					Non-coincident Class Peak (MW)					Energy (GWH)				
Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Coincident Factor		Generation Level	Meter Level	Losses	Generation Level	Meter Level	Losses	Load Factor	
					System Peak	Date Time				ISO Peak	Date Time								
Jan	01-28 @ 07:15	0	0	0	0.00%	01-11 @ 07:15	0	0	0	0.00%	01-29 @ 24:00	63.28	59.58	3.6	24.75	23.43	1.32	52.77%	
Feb	02-05 @ 07:15	0	0	0	0.00%	02-04 @ 07:15	0	0	0	0.00%	02-28 @ 24:00	62.11	59.09	3.03	21.81	20.58	1.23	46.81%	
Mar	03-31 @ 17:15	0	0	0	0.00%	03-31 @ 17:00	0	0	0	0.00%	03-30 @ 24:00	61.4	58.45	2.96	21.39	20.16	1.22	48.56%	
Apr	04-29 @ 14:15	0	0	0	0.00%	04-25 @ 17:00	0	0	0	0.00%	04-29 @ 24:00	61.39	57.87	3.52	18.86	17.8	1.07	41.34%	
May	05-25 @ 16:00	0	0	0	0.00%	05-10 @ 17:00	0	0	0	0.00%	05-29 @ 00:15	60.9	57.27	3.63	17.79	16.79	0.99	40.72%	
Jun	06-15 @ 16:00	0	0	0	0.00%	06-15 @ 17:00	0	0	0	0.00%	06-28 @ 00:15	60.46	57.09	3.38	16.34	15.43	0.91	36.33%	
Jul	07-15 @ 16:00	0	0	0	0.00%	07-14 @ 16:00	0	0	0	0.00%	07-30 @ 04:15	62.57	59.1	3.48	18.02	16.99	1.03	39.93%	
Aug	08-09 @ 15:45	0	0	0	0.00%	08-11 @ 16:30	0	0	0	0.00%	08-30 @ 22:30	59.56	56.75	2.81	18.64	17.63	1.01	41.76%	
Sep	09-19 @ 15:30	0	0	0	0.00%	09-19 @ 16:15	0	0	0	0.00%	09-28 @ 21:15	59.33	56.74	2.6	19.61	18.54	1.07	43.92%	
Oct	10-05 @ 15:30	0	0	0	0.00%	10-05 @ 16:30	0	0	0	0.00%	10-29 @ 00:15	60.15	56.67	3.49	22.04	20.67	1.37	50.66%	
Nov	11-02 @ 15:15	0	0	0	0.00%	11-02 @ 16:00	0	0	0	0.00%	11-14 @ 05:30	60.27	56.45	3.81	22.52	21.16	1.37	50.88%	
Dec	12-19 @ 09:15	0																	

Regulatory Load Study (2017)

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak	Date Time	Generation Level	Meter Level	Losses	Non-coincident Class Peak (MW)	Energy (GWh)	Load Factor	
Jan	01-06 @ 18:00	5,496.07	5,197.85	298.22	95.50%	01-06 @ 19:00	5,701.53	5,410.57	290.96	95.07%	01-06 @ 20:30	5,755.27	5,457.02	298.26	1,803.61	1,801.65	101.87	44.38%
Feb	02-08 @ 16:00	4,322.60	4,020.91	201.69	87.99%	02-16 @ 07:15	3,010.85	2,861.00	149.86	62.31%	02-16 @ 16:00	4,831.74	4,800.26	31.48	1,620.30	1,536.06	84.24	43.01%
Mar	03-28 @ 16:15	4,894.51	4,688.70	205.81	92.51%	03-21 @ 17:00	4,672.36	4,468.12	204.25	88.13%	03-27 @ 17:00	5,301.74	5,048.79	252.94	1,913.87	1,815.50	94.38	53.50%
Apr	04-28 @ 16:15	6,020.19	5,802.41	217.78	96.36%	04-28 @ 17:00	6,405.66	6,118.78	286.88	100.00%	04-28 @ 17:00	6,405.66	6,118.78	286.88	2,177.63	2,062.88	114.75	45.31%
May	05-27 @ 16:15	7,166.84	6,920.19	246.65	99.41%	05-26 @ 16:30	6,234.92	5,951.83	283.11	81.69%	05-27 @ 16:45	7,635.67	7,180.43	455.23	2,777.46	2,624.07	153.39	50.76%
Jun	06-19 @ 16:00	7,883.78	7,464.14	419.65	96.34%	06-23 @ 16:45	8,098.18	7,656.27	441.91	96.89%	06-19 @ 17:45	8,182.95	7,737.91	445.04	3,428.75	3,238.15	190.61	56.25%
Jul	07-27 @ 17:00	7,707.81	7,470.19	237.62	88.33%	07-28 @ 17:00	8,909.41	8,392.12	517.29	94.37%	07-29 @ 16:45	8,909.41	8,392.12	517.29	3,781.81	3,655.21	126.60	61.60%
Aug	08-18 @ 16:00	8,504.51	8,015.36	489.15	95.39%	08-16 @ 17:00	8,402.50	7,924.53	477.97	94.37%	08-19 @ 17:00	8,909.41	8,405.78	498.32	3,781.81	3,574.30	217.52	57.15%
Sep	09-27 @ 18:00	6,541.41	6,307.26	234.15	83.11%	09-20 @ 16:45	6,692.57	6,345.41	347.16	94.45%	09-17 @ 17:00	7,924.69	7,492.89	431.80	3,159.39	2,985.73	173.66	53.56%
Oct	10-09 @ 16:15	7,366.03	6,997.25	368.79	96.80%	10-09 @ 16:30	7,408.78	7,037.52	371.26	96.85%	10-08 @ 16:15	7,641.91	7,247.47	394.44	2,482.46	2,352.64	129.82	45.09%
Nov	11-06 @ 15:15	5,269.59	5,007.28	262.31	89.70%	11-05 @ 15:45	5,865.59	5,609.50	256.09	99.96%	11-05 @ 15:30	5,865.59	5,609.50	256.09	1,880.55	1,786.53	94.01	42.79%
Dec	12-08 @ 10:00	4,239.11	4,089.11	150.00	84.50%	12-08 @ 07:15	4,572.53	4,346.41	226.12	84.50%	12-08 @ 20:30	4,988.02	4,731.00	257.02	2,184.92	2,083.11	101.81	60.57%

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak	Date Time	Generation Level	Meter Level	Losses	Non-coincident Class Peak (MW)	Energy (GWh)	Load Factor	
Jan	01-06 @ 18:00	1,663.18	1,571.17	92.02	100.00%	01-06 @ 19:00	1,611.9	1,531.64	80.26	97.42%	01-06 @ 18:00	1,663.18	1,571.17	92.02	83.47	78.91	4.55	67.48%
Feb	02-08 @ 16:00	1,134.44	1,072.25	62.19	71.91%	02-16 @ 07:15	1,051.22	998.66	52.56	70.39%	02-16 @ 16:00	1,469.32	1,403.35	65.97	74.76	70.73	4.03	66.78%
Mar	03-28 @ 16:15	1,314.44	1,252.21	62.23	76.59%	03-21 @ 17:00	1,166.55	1,105.44	61.11	74.67%	03-27 @ 17:00	1,476.61	1,403.35	73.26	81.59	77.29	4.30	81.68%
Apr	04-28 @ 16:15	1,561.11	1,498.88	62.23	80.86%	04-28 @ 17:00	1,427.79	1,358.82	68.97	78.88%	04-28 @ 20:30	1,561.11	1,466.66	94.45	86.55	78.19	4.36	69.83%
May	05-27 @ 16:15	1,844.11	1,782.88	61.23	76.69%	05-26 @ 16:30	1,642.79	1,574.98	67.81	78.85%	05-19 @ 20:45	1,575.58	1,483.36	92.22	86.69	81.83	4.86	76.61%
Jun	06-19 @ 16:00	1,441.11	1,384.44	56.67	86.84%	06-23 @ 16:45	1,427.79	1,348.98	78.81	86.05%	06-16 @ 21:00	1,658.94	1,566.66	92.28	90.96	85.87	5.09	73.67%
Jul	07-27 @ 17:00	1,441.11	1,384.44	56.67	88.17%	07-28 @ 17:00	1,478.77	1,382.28	96.49	86.87%	07-28 @ 21:00	1,701.17	1,603.92	97.25	97.33	91.83	5.5	78.27%
Aug	08-18 @ 16:00	1,354.44	1,292.21	62.23	80.17%	08-16 @ 17:00	1,478.77	1,382.28	96.49	85.83%	08-18 @ 20:30	1,701.17	1,603.92	97.25	97.33	91.83	5.5	78.27%
Sep	09-27 @ 18:00	1,354.44	1,292.21	62.23	84.55%	09-20 @ 16:45	1,478.77	1,382.28	96.49	85.83%	09-19 @ 20:00	1,701.17	1,603.92	97.25	97.33	91.83	5.5	78.27%
Oct	10-09 @ 16:15	1,354.44	1,292.21	62.23	85.42%	10-09 @ 16:30	1,478.77	1,382.28	96.49	85.06%	10-09 @ 19:30	1,701.17	1,603.92	97.25	97.33	91.83	5.5	78.27%
Nov	11-06 @ 15:15	1,354.44	1,292.21	62.23	75.45%	11-05 @ 15:45	1,478.77	1,382.28	96.49	61.39%	11-01 @ 19:15	1,701.17	1,603.92	97.25	97.33	91.83	5.5	78.27%
Dec	12-08 @ 10:00	1,354.44	1,292.21	62.23	72.15%	12-08 @ 07:15	1,393.97	1,330.04	63.93	84.94%	12-27 @ 18:00	1,691.78	1,563.44	128.34	85.23	84.17	5.06	74.77%

Coincident with System Peak (MW)

Class Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor System Peak	Date Time	Generation Level	Meter Level	Losses	Coincident Factor ISO Peak	Date Time	Generation Level	Meter Level	Losses	Non-coincident Class Peak (MW)	Energy (GWh)	Load Factor	
Jan	01-06 @ 18:00	4,951.07	4,247.38	703.69	82.38%	01-06 @ 19:00	4,188.92	3,973.15	215.77	86.68%	01-06 @ 11:15	4,832.80	4,590.85	241.95	2,577.50	2,391.87	135.63	70.18%
Feb	02-08 @ 16:00	3,666.84	3,424.92	241.92	96.25%	02-16 @ 07:15	3,146.63	3,054.98	91.65	73.45%	02-16 @ 14:15	3,237.03	3,190.48	46.55	2,319.08	2,197.40	121.68	58.14%
Mar	03-28 @ 16:15	4,304.85	4,073.56	231.29	95.58%	03-21 @ 17:00	4,773.56	4,564.89	208.67	83.09%	03-28 @ 14:30	5,378.86	5,139.43	239.43	2,629.27	2,494.01	135.26	72.21%
Apr	04-28 @ 16:15	5,249.85	4,961.11	288.74	95.28%	04-28 @ 17:00	5,464.79	5,028.55	436.24	91.72%	04-28 @ 14:30	5,739.86	5,483.52	256.34	2,653.35	2,494.20	159.16	61.14%
May	05-27 @ 16:15	6,224.21	5,978.24	245.97	74.08%	05-26 @ 16:30	5,389.75	5,074.26	315.49	90.84%	05-18 @ 14:30	5,904.43	5,603.99	290.43	2,844.00	2,741.58	102.42	68.94%
Jun	06-19 @ 16:00	6,880.21	6,578.22	301.99	96.48%	06-23 @ 16:45	6,880.21	6,578.22	301.99	91.07%	06-16 @ 14:30	6,100.06	5,818.80	281.26	3,060.77	2,905.78	154.99	64.98%
Jul	07-27 @ 17:00	6,356.33	6,054.34	301.99	97.82%	07-28 @ 17:00	6,880.21	6,578.22	301.99	91.07%	07-26 @ 14:30	6,791.54	6,526.46	265.08	3,066.43	3,120.95	185.48	73.14%
Aug	08-18 @ 16:00	6,356.33	6,054.34	301.99	96.88%	08-16 @ 17:00	6,111.97	5,764.25	347.72	93.41%	08-16 @ 15:00	6,943.44	6,673.86	269.58	3,213.95	3,030.20	183.75	65.97%
Sep	09-27 @ 18:00	5,823.84	5,583.29	240.55	96.32%	09-20 @ 16:45	5,583.29	5,274.70	308.59	90.11%	09-20 @ 14:00	6,173.83	5,844.45	329.38	2,952.47	2,828.67	123.80	65.05%
Oct	10-09 @ 16:15	5,560.30	5,274.70	285.60	95.75%	10-09 @ 16:15	5,773.20	5,486.00	287.20	86.73%	10-09 @ 14:15	6,028.20	5,735.24	292.96	2,852.68	2,704.06	148.62	65.48%
Nov	11-06 @ 15:15	5,269.59	5,007.28	262.31	84.96%	11-05 @ 15:45	5,865.59	5,609.50	256.09	84.96%	11-05 @ 14:00	5,602.80	5,387.23	215.57	2,500.35	2,403.47	126.88	60.19%
Dec	12-08 @ 10:00	4,239.11	4,089.11	150.00	86.84%	12-08 @ 07:15	4,572.53	4,346.41	226.12	86.32%	12-04 @ 14:00	4,973.04	4,705.77	267.27	2,571.89	2,376.95	194.94	70.15%

2017 Utility Loss Study (2017)

Class Peak	Date/Time	Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)			
		System Peak	Date/Time	Generation Level	Meter Level	System Peak	Date/Time	Generation Level	Meter Level	Generation Level	Meter Level	Losses	Load Factor
Jan	01-06 @ 18:00	27.71	03:00% 01-06 @ 19:00	498.85	475.39	25.46	00:17% 01-12 @ 14:15	548.99	531.48	322.87	305.43	17.44	78.65%
Feb	02-08 @ 16:00	23.23	02:37% 02-16 @ 07:15	479.94	452.95	22.88	03:30% 02-28 @ 14:00	571.9	545.5	298.45	282.63	15.82	69.64%
Mar	03-28 @ 16:15	24.32	03:35% 03-21 @ 17:00	581.42	558.19	21.23	05:28% 03-27 @ 10:45	692.06	665.83	355.98	334.65	21.34	88.01%
Apr	04-28 @ 16:15	21.75	07:23% 04-28 @ 17:00	587.31	563.01	24.3	09:03% 04-28 @ 13:30	618.03	589.84	321.19	319.16	17.96	72.33%
May	05-27 @ 16:15	21.75	05:28% 05-28 @ 16:30	578.18	546.36	31.82	02:59% 05-18 @ 13:30	642.45	592.69	371.41	350.79	20.61	82.00%
Jun	06-19 @ 16:00	21.75	09:23% 06-23 @ 16:45	569.62	544.32	25.3	09:25% 06-18 @ 14:30	642.45	608.78	371.41	358.05	13.36	79.31%
Jul	07-27 @ 15:30	21.75	09:23% 07-28 @ 17:00	569.62	544.32	25.3	02:59% 07-20 @ 14:00	667	667	371.41	371.41	0	100%
Aug	08-18 @ 16:00	21.75	02:24% 08-16 @ 17:00	569.62	544.32	25.3	01:11% 08-16 @ 14:30	667	667	371.41	371.41	0	100%
Sep	09-27 @ 16:00	21.75	05:00% 09-20 @ 15:45	569.62	544.32	25.3	08:08% 09-18 @ 14:00	667	667	371.41	371.41	0	100%
Oct	10-09 @ 16:15	21.75	08:52% 10-09 @ 16:30	569.62	544.32	25.3	04:08% 10-05 @ 15:00	667	667	371.41	371.41	0	100%
Nov	11-06 @ 15:15	21.75	01:56% 11-05 @ 15:45	569.62	544.32	25.3	04:08% 11-07 @ 14:15	667	667	371.41	371.41	0	100%
Dec	12-08 @ 10:00	21.75	05:07% 12-08 @ 07:15	569.62	544.32	25.3	04:36% 12-04 @ 13:45	667	667	371.41	371.41	0	100%

Class Peak	Date/Time	Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)			
		System Peak	Date/Time	Generation Level	Meter Level	System Peak	Date/Time	Generation Level	Meter Level	Generation Level	Meter Level	Losses	Load Factor
Jan	01-06 @ 18:00	128.02	01:57% 01-06 @ 19:00	2,330.38	2,211.46	118.92	00:17% 01-12 @ 14:15	2,492.37	2,297.36	1,351.55	1,268.36	105.19	85.64%
Feb	02-08 @ 16:00	121.53	02:18% 02-16 @ 07:15	2,251.15	2,139.10	112.05	03:30% 02-28 @ 14:00	2,760.31	2,592.45	1,457.33	1,358.57	88.76	81.33%
Mar	03-28 @ 16:15	134.55	07:34% 03-21 @ 17:00	2,781.24	2,659.64	121.58	05:28% 03-27 @ 10:45	3,141.36	2,947.59	1,537.20	1,421.11	106.09	96.18%
Apr	04-28 @ 16:15	96.02	01:57% 04-28 @ 17:00	2,138.29	2,042.53	95.76	09:03% 04-28 @ 13:30	3,006.14	2,851.29	1,548.84	1,427.35	101.49	77.03%
May	05-27 @ 16:15	161.48	05:28% 05-28 @ 16:30	2,698.39	2,549.93	148.46	02:59% 05-18 @ 13:30	2,954.43	2,802.76	1,487.55	1,374.73	102.82	85.36%
Jun	06-19 @ 16:00	131.74	09:23% 06-23 @ 16:45	2,104.73	1,986.63	118.11	09:25% 06-18 @ 14:30	2,997.47	2,851.12	1,566.75	1,456.18	100.57	86.28%
Jul	07-27 @ 15:30	131.74	09:23% 07-28 @ 17:00	2,104.73	1,986.63	118.11	02:59% 07-20 @ 14:00	2,997.47	2,851.12	1,566.75	1,456.18	100.57	86.28%
Aug	08-18 @ 16:00	170.08	02:24% 08-16 @ 17:00	2,900.90	2,735.81	165.02	01:11% 08-16 @ 14:30	2,998.57	2,817.70	1,668.4	1,542.32	116.04	95.49%
Sep	09-27 @ 16:00	140.16	05:00% 09-20 @ 15:45	2,041.61	1,885.71	105.9	08:08% 09-18 @ 14:00	3,268.29	3,031.44	1,506.49	1,378.87	107.62	80.60%
Oct	10-09 @ 16:15	138.72	08:52% 10-09 @ 16:30	2,770.72	2,631.98	138.74	04:08% 10-05 @ 15:00	3,041.33	2,882.25	1,571.65	1,456.18	105.47	80.60%
Nov	11-06 @ 15:15	151.42	01:56% 11-05 @ 15:45	3,023.39	2,873.92	138.02	04:08% 11-07 @ 14:15	3,366.26	3,181.69	1,733.51	1,618.25	105.26	80.60%
Dec	12-08 @ 10:00	117.23	05:07% 12-08 @ 07:15	2,487.15	2,366.95	120.2	04:36% 12-04 @ 13:45	3,065.85	2,875.46	1,584.26	1,471.87	92.39	80.38%

Class Peak	Date/Time	Coincident with System Peak (MW)				Coincident with ISO Peak (MW)				Non-coincident Class Peak (MW)			
		System Peak	Date/Time	Generation Level	Meter Level	System Peak	Date/Time	Generation Level	Meter Level	Generation Level	Meter Level	Losses	Load Factor
Jan	01-06 @ 18:00	0	0.00% 01-06 @ 19:00	13.59	12.9	0.69	00:17% 01-12 @ 14:15	13.74	12.2	0.84	0.84	5.37	50.6%
Feb	02-08 @ 16:00	0	0.00% 02-16 @ 07:15	0	0	0	03:30% 02-28 @ 14:00	13.61	12.74	0.87	0.87	4.53	32.72%
Mar	03-28 @ 16:15	0	0.00% 03-21 @ 17:00	0	0	0	05:28% 03-27 @ 10:45	13.54	12.78	0.76	0.76	4.41	32.6%
Apr	04-28 @ 16:15	0	0.00% 04-28 @ 17:00	0	0	0	09:03% 04-28 @ 13:30	13.37	12.72	0.65	0.65	4.15	31.1%
May	05-27 @ 16:15	0	0.00% 05-28 @ 16:30	0	0	0	02:59% 05-18 @ 13:30	13.16	12.71	0.88	0.88	3.96	32.3%
Jun	06-19 @ 16:00	0	0.00% 06-23 @ 16:45	0	0	0	09:25% 06-18 @ 14:30	13.56	12.72	0.85	0.85	3.64	32.3%
Jul	07-27 @ 15:30	0	0.00% 07-28 @ 17:00	0	0	0	02:59% 07-20 @ 14:00	13.38	12.66	0.72	0.72	3.66	32.2%
Aug	08-18 @ 16:00	0	0.00% 08-16 @ 17:00	0	0	0	01:11% 08-16 @ 14:30	13.45	12.68	0.73	0.73	3.94	32.5%
Sep	09-27 @ 16:00	0	0.00% 09-20 @ 15:45	0	0	0	08:08% 09-18 @ 14:00	13.38	12.66	0.73	0.73	4.18	31.4%
Oct	10-09 @ 16:15	0	0.00% 10-09 @ 16:30	0	0	0	04:08% 10-05 @ 15:00	13.43	12.65	0.78	0.78	4.88	4.61
Nov	11-06 @ 15:15	0	0.00% 11-05 @ 15:45	0	0	0	04:08% 11-07 @ 14:15	13.29	12.6	0.69	0.69	4.99	4.72
Dec	12-08 @ 10:00	0	0.00% 12-08 @ 07:15	0	0	0	04:36% 12-04 @ 13:45	13.59	12.66	0.84	0.84	5.96	5.05