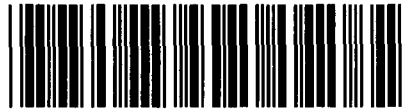


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Addendum StartPage: 0

SOAH DOCKET NO. 473-19-3864
PUC DOCKET NO. 49421

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APPLICATION OF CENTERPOINT § BEFORE THE STATE OFFICE
ENERGY HOUSTON ELECTRIC, LLC § OF
FOR AUTHORITY TO CHANGE RATES § ADMINISTRATIVE HEARINGS

May 23, 2019

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TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
CenterPoint Energy Houston Electric, LLC's Response to City of Houston's Fifteenth Requests for Information	2-45
Certificate of Service	46

323

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-01**

QUESTION:

Reference CEHE's response to COH01-22, confirm that the information provided represents the cost/benefit analyses and other information supporting the prudence of each CEHE distribution capital project having a total cost of more than \$5 million that was placed in service since 2009. If not, provide any additional information supporting the prudence of each project.

ANSWER:

In the response to COH 01-22, CEHE provided the project evaluation forms for every one of the distribution capital projects. As discussed in COH 13-1 and COH 13-3, these evaluations provide a determination of the risk of not serving the electric load if the project is not built. Furthermore, the prudence of these distribution capital projects is discussed in the testimony of Randal Pryor and in the response to PUC 01-42, which details the need for the distribution substations. All of the distribution capital projects referenced in COH 01-22 are prudent.

SPONSOR (PREPARER):

Dale Bodden/Randal Pryor (Dale Bodden/Randal Pryor)

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-02**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, identify the specific portions of CEHE's testimony, exhibits and workpapers supporting the prudence of costs incurred for each such project.

ANSWER:

Several Company witnesses support the prudence of and necessity of the capital projects identified in response to COH 1-22. Specifically, Company witness Randal Pryor's testimony describes programs designed to ensure the reasonableness and prudence of distribution investment, as well as cost control and budgeting processes implemented by CenterPoint Houston on an ongoing basis. Company witness Martin Narendorf, likewise, describes programs designed to ensure the reasonableness and prudence of transmission investment, as well as cost control and budgeting processes implemented by CenterPoint Houston. Ms. Dale Bodden describes planning processes that ensure capital investment projects are consistently and thoroughly evaluated prior to and during construction. Ms. Julienne Sugarek testifies to how the Company's Power Delivery Solutions division is responsible for facilitating the interconnection process for customers and generators on both the transmission and distribution system, advising distribution customers on power quality solutions, providing design and project support for installations on the distribution system, and interfacing with customers to address changing electrical service needs and responding to service concerns. And, Ms. Shachella James explains the structure and services provided by Service Company's Technology Operations group and demonstrates the reasonableness and necessity of Technology Operations capital investment deployed by CenterPoint Houston. These witnesses describe how all projects, including the projects identified in response to COH 1-22, are managed on a daily basis to ensure prudence and reasonableness of costs.

See attachment COH15-02 Testimony Pages for Capital Projects.xlsx for a listing of the capital projects identified in CEHE's response to COH 1-22 and specific portions of CEHE's testimony, exhibits and workpapers that are relevant to and supporting of the prudence and necessity for the referenced projects.

SPONSOR (PREPARER):

Randal Pryor/Martin Narendorf/Dale Bodden/Julienne Sugarek/Shachella James (Randal Pryor/Martin Narendorf/Dale Bodden/Julienne Sugarek/Shachella James)

RESPONSIVE DOCUMENTS:

COH15-02 Testimony Pages for Capital Projects.xlsx

COH 15-2 Testimony Pages for Capital Projects.xlsx

Project Number	Short Title	Pryor	Sugarek	Bodden	Narendorf	S James
AB1C	300% and 10% Circuit Reliability Program	Pg 15-22	Pg 9 -15			
AB2G	Pole Maintenance Program (Poles)	Pg 15-22; Pg 34-35	Pg 9 -15			
AB48	<i>Pole Maintenance Program (Bracing)</i>	Pg 15-22, Pg 34-35	Pg 9 -15			
ABCA	Cable Assessment/Life Extension Program (CAP/CLEP)	Pg 15-22, Pg 34-35	Pg 9 -15			
CE1B	Major Underground Rehab				Pg 15	
DB18	City of Houston LED Streetlight Conversion		Pg 24-26			
HLP/00/0014	Replace SCADA Logic Cages/RTUs				Pg 15	
HLP/00/0075	Replace Failed Major Equip and Purchase Spares				Pg 24-25	
HLP/00/0484	Substation Security Upgrades				Pg 24-25	
HLP/00/0612	Fry Substation: Build 35kV Sub w/6 35kV Feeders			Pgs 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0875	Springwoods Substation: Build 35kV Sub w/8 Feeders			Pgs 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0884	Replace 12/35kV Square D Type FBS Breakers				Pg 24-25	
HLP/00/0909	Replace 35/12kV Breakers				Pg 24-25	
HLP/00/0941	Alexander Island Substation. Upgrade Transformers to 50MVA			Pg 15- 22, Exhibit DB-5 p 1-5		
HLP/00/0953	South Channel New Substation 2-50MVA Trfs w/6 Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0954	Sandy Point: New Substation 2-50MVA Trfs w/4-12kV Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0956	Willow Substation Add 2-100MVA Transformers w/4-35kV Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0963	Springwoods Substation Add 3rd 100MVA Trf and 4-35kV Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0974	Tomball Substation: Add 3rd Transformer and 2 Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/0977	Jordan New 35kV Substation			Pg 15- 22, Exhibit DB-5 p 1-5		
HLP/00/0978	Trinity Bay: Install 35kV Facilities (2 Trfs and 4-35kV Feeders)			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/1036	Tanner: New Substation w/2-100MVA Trfs and 6-35kV Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/1084	Village Creek New Substation w/2-100MVA Trfs and 4-35kV Feeders			Pg 15- 22; Exhibit DB-5 p 1-5		
HLP/00/1087	Arcola Substation: Install 3rd 100MVA Trf and 3-35kV Feeders			Pg 15- 22, Exhibit DB-5 p 1-5		
S/101785/CE/FIBER	Fiber Rehabilitation, Telecom Core Network					Pg 13-17
S/101785/CN/FIBER	Post Ams WiMax and WiMax "Backhaul" Transport Growth					Pg 13-17
S/101785/CN/MPLS	Telcom Services MPLS Network Optimization					Pg 13-17
S/101785/CN/OPENSKY	Opensky VMDSR- Console Repl; Sys Growth; Post-project enhancements					Pg 13-17
S/101785/CN/TFSY	Fiber Expansion, v.10					Pg 13-17
S/101785/CN/TMSY	Microwave: New licensed sites; OC3 MW repl; Licensed network deployment					Pg 13-17

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-03**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, identify the specific portions of CEHE's testimony, exhibits and workpapers demonstrating that the project was reasonable and why the project was necessary.

ANSWER:

See response to COH 15-2 for the specific portions of CEHE's testimony, exhibits and workpapers that demonstrate that the projects identified were reasonable and necessary.

SPONSOR (PREPARER):

Dale Bodden/Randal Pryor (Dale Bodden/Randal Pryor)

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-04**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, provide costs of such project that were referred to as "maintenance" or "repair costs" in the Company's testimony or exhibits supporting past DCRF filings.

ANSWER:

There were two projects in CEHE's response to COH 1-22 that were referred to as "maintenance" or "repair costs" in the Company's testimony or exhibits supporting past DCRF filings. One project dealt with the replacement of major underground equipment and the other dealt with the replacement of transformers and breakers. See attachment COH 15-4 Capital Costs R1.xlsx for the details on the capital costs.

SPONSOR (PREPARER):

Dale Bodden/Randal Pryor (Dale Bodden/Randal Pryor)

RESPONSIVE DOCUMENTS:

COH 15-4 Capital Costs R1.xlsx

COH 15-4 Capital Costs R1.xlsx

Project Category	Project Number	Description	Year Utilized	Additions	Removal	Salvage	Total
System Improvements	CE1B	Proactive replacement of major underground equipment, cable or structures	2010	2,267,115	312,032	(49,393)	2,529,754
System Improvements	CE1B	Proactive replacement of major underground equipment, cable or structures	2011	3,215,655	(386,208)	(50,052)	2,779,396
System Improvements	CE1B	Proactive replacement of major underground equipment, cable or structures	2012	13,172,351	990,887	(78,725)	14,084,513
System Improvements	CE1B	Proactive replacement or repair of major underground equipment, cable or structures	2013	2,523,024	594,000	-	3,117,024
System Improvements	CE1B	Proactive replacement or repair of major underground equipment, cable or structures.	2014	2,581,103	158,274	(501,355)	2,238,022
System Improvements	CE1B	Proactive capital replacement or repair of major underground equipment, cable or structures	2015	9,920,227	80,112	1,061,837	11,062,175
System Improvements	CE1B	Proactive replacement of major underground equipment, cable or structures	2016	4,071,594	62,128	44,386	4,178,108
System Improvements	CE1B	Proactive replacement of major underground equipment, cable or structures	2017	3,945,344	150,544	425,155	4,521,043
Total	CE1B						44,510,034
System Improvements	HLP/00/0075	This project provides funding for replacement and repair of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized)	2010	2,732,689	14,995	-	2,747,685
System Improvements	HLP/00/0075	This project provides funding for replacement and repair of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized)	2011	6,342,983	128,567	-	6,471,550
System Improvements	HLP/00/0075	This project provides funding for replacement and repair of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized).	2012	4,214,270	246,916	-	4,461,186
System Improvements	HLP/00/0075	This project provides funding for replacement and repair of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized)	2013	1,496,384	1,637,741	-	3,134,125
System Improvements	HLP/00/0075	This project provides funding for replacement and repair of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized)	2014	13,691,340	240,282	0	13,931,622
System Improvements	HLP/00/0075	This project provides funding for replacement of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized).	2015	10,440,014	50,649	100,281	10,590,944
System Improvements	HLP/00/0075	This project provides funding for replacement of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers (Transformers may be rewound and the rewind would be capitalized)	2016	4,702,171	-	-	4,702,171
System Improvements	HLP/00/0075	This project provides funding for replacement of failed distribution and transmission transformers as well as replacement of failed transmission circuit breakers. (Transformers may be rewound and the rewind would be capitalized).	2017	8,807,191	-	63,288	8,870,479
Total	HLP/00/0075						54,909,761

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-05**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, provide the project in-service date and costs by FERC Account.

ANSWER:

Please see COH15-05 Attachment 1.xlsx for the project in-service date and costs by FERC Account for each capital project identified in COH01-22.

SPONSOR (PREPARER):

Kristie Colvin/Randal Pryor (Kristie Colvin/Randal Pryor)

RESPONSIVE DOCUMENTS:

COH15-05 Attachment 1.xlsx

CenterPoint Energy Houston Electric, LLC

Project Number	AB1C	AB2G	AB48	ABCA	CE1B	DB18	HLP/00/0014	HLP/00/0075	HLP/00/0484	HLP/00/0612
FERC Account										
303.02	0 00	0 00	0 00	0 00	0 00	210,967 42	0 00	0 00	0 00	0 00
350	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
352	0 00	0 00	0 00	0 00	0 00	0 00	0 00	1,467,934 14	5,271,652 99	0 00
353	0 00	0 00	0 00	0 00	0 00	0 00	5,361,846 80	47,965,487 53	6,100,405 46	0 00
354	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
355	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	49,902 56
356	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	27,525 79
358	0 00	0 00	0 00	0 00	58,541 59	0 00	0 00	0 00	0 00	0 00
360	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	733,910 72
361	0 00	0 00	0 00	0 00	0 00	0 00	0 00	4,246,021 78	5,400,641 80	2,034,227 47
362	0 00	0 00	0 00	0 00	0 00	0 00	13,371,189 19	87,639,708 10	3,466,580 58	6,765,773 84
364	32,115,079 96	94,018,391 70	19,678,070 70	0 00	1,351 71	(39 14)	0 00	3,886 08	0 00	0 00
365	72,977,497 84	5,532,072 33	0 00	0 00	300,243 14	0 00	0 00	970 46	0 00	0 00
366	90,378 88	136 73	0 00	0 00	10,336,540 33	0 00	0 00	0 00	0 00	1,081,649 38
367	2,332,016 99	295,471 54	0 00	59,587,709 81	36,779,867 82	0 00	0 00	0 00	0 00	425,910 02
368	24,854,327 77	4,842,780 88	0 00	0 00	6,715,220 00	0 00	0 00	620 77	0 00	0 00
369	105,714 63	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
373	11,392 49	0 00	0 00	0 00	3,479,121 36	69,967,542 95	12,471 23	0 00	0 00	0 00
374	24,768 34	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
390.01	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
391	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	82,140 25	0 00
394.01	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
397.01	263,899 12	1,654 82	0 00	0 00	0 00	0 00	0 00	3,604 02	139,716 44	0 00
397.02	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	38,055 65	0 00
398	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	5,044 10	0 00
Total	132,775,076 02	104,690,508 00	19,678,070 70	59,587,709 81	57,670,885 95	70,178,471 23	18,745,507 22	141,328,232 88	20,504,237 27	11,118,899 78

In-Service Date 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2014

CenterPoint Energy Houston Electric, LLC

Project Number	HLP/00/0875	HLP/00/0884	HLP/00/0909	HLP/00/0941	HLP/00/0953	HLP/00/0954	HLP/00/0956	HLP/00/0963	HLP/00/0974	HLP/00/0977
FERC Account										
303.02	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
350	1,557,633 98	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
352	0 00	0 00	0 00	0 00	837,045 21	0 00	0 00	0 00	0 00	62,192 07
353	0 00	697,354 74	401,268 98	0 00	5,816,970 45	0 00	0 00	0 00	0 00	6,840,688 52
354	5,065,539 87	0 00	0 00	606,549 36	42,686 93	3,897 366 56	0 00	0 00	0 00	40,553 53
355	0 00	0 00	0 00	53,730 50	119,485 16	451,229 19	71,600 52	0 00	53,391 93	0 00
356	1,618,913 59	0 00	0 00	72 269 62	51,911 25	608,969 17	142,108 15	0 00	89,334 76	109,691 56
358	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
360	1,947 854 22	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
361	3,710,950 56	0 00	110,699 04	190,113 98	0 00	2,335,805 63	181,164 72	0 00	93,776 36	0 00
362	8,178,286 18	9,805,274 19	7,574,905 76	5,828,106 68		6 911,089 57	10,094,701 23	3 900,390 77	4,518,020 91	0 00
364	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
365	0 00	0 00	0 00	1,027 36	586 12	1,042 24	0 00	0 00	0 00	504 77
366	1,024,442 57	0 00	0 00	79,665 98	1,220,394 64	1,506,560 46	817,886 18	4 000,525 24	598,287 80	146,976 66
367	1,523,207 00	0 00	0 00	206,421 51	17,418 00	346,362 45	614,409 52	2,910,037 44	302,680 42	203,248 68
368	0 00	0 00	0 00	0 00	369,617 55	0 00	0 00	0 00	0 00	0 00
369	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
373	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
374	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
390.01	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
391	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
394.01	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
397.01	2,470 18	0 00	0 00	3,004 05	8,031 88	0 00	0 00	0 00	0 00	3,865 24
397.02	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
398	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Total	24,629,298 15	10,502,628 93	8,086,873 78	7,040,889 04	8,484,147 19	16,058,425 27	11,921,870 32	10,810,953 45	5,655,492 18	7,407,721 03

In-Service Date 2014 2010-2018 2010-2018 2015 2014 2017 2016 2016 2014 2014

CenterPoint Energy Houston Electric, LLC

Project Number	HLP/00/0978	HLP/00/1036	HLP/00/1084	HLP/00/1087	S/101785/CE/FIBER	S/101785/CN/FIBER	S/101785/CN/MPLS	S/101785/CN/OPENSKY	S/101785/CN/TFSY	S/101785/CN/TMSY
FERC Account										
303.02	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
350	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
352	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
353	0 00	2,359 77	0 00	1,880,081 14	78,789 81	0 00	0 00	0 00	0 00	0 00
354	0 00	5,697,300 17	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
355	101,874 58	36,578 43	0 00	98,911 65	0 00	0 00	0 00	0 00	0 00	0 00
356	65,431 08	708,394 75	0 00	26,631 30	0 00	0 00	0 00	0 00	0 00	0 00
358	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
360	0 00	3,636,192 11	1,255,612 20	0 00	0 00	0 00	0 00	0 00	0 00	0 00
361	72,523 16	1,402,786 64	942,644 59	33,450 28	0 00	0 00	0 00	0 00	0 00	0 00
362	5,579,183 52	7,688,888 30	10,782,398 10	2,055,517 41	701,196 29	42,372 60	0 00	0 00	0 00	192,403 15
364	0 00	21,193 90	1,425 66	0 00	0 00	0 00	0 00	0 00	0 00	8,708 72
365	0 00	178,572 00	740 42	0 00	0 00	0 00	0 00	0 00	0 00	2,241 32
366	0 00	2,239,078 17	1,227,414 85	1,614,273 44	0 00	0 00	0 00	0 00	0 00	0 00
367	0 00	863,250 45	776,476 87	266,805 74	0 00	0 00	0 00	0 00	0 00	136,779 34
368	0 00	0 00	4,009 49	0 00	0 00	0 00	0 00	0 00	0 00	67,547 60
369	0 00	0 00	115 77	0 00	0 00	0 00	0 00	0 00	0 00	0 00
373	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
374	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
390.01	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	236,545 92	47,025 75
391	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	(1,920 00)
394.01	0 00	0 00	0 00	0 00	0 00	3,909 73	2,659 50	0 00	7,000 00	0 00
397.01	0 00	15,020 72	0 00	0 00	15,669,947 94	3,332,051 83	4,819,394 26	35,117,565 07	3,872,712 40	11,254,690 55
397.02	0 00	0 00	0 00	0 00	0 00	0 00	2,748,990 99	0 00	5,108,381 36	61,004 99
398	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Total	5,819,012 34	22,489,615 41	14,990,837 95	5,975,670 96	16,449,934 04	3,378,334 16	7,571,044 75	35,117,565 07	9,224,639 68	11,768,481 42

In-Service Date 2014 2016 2017 2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018 2010-2018

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-06**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, provide the corporate costs that were allocated to each project, along with the basis for such allocations, and the portion of such costs included in each CEHE DCRF filing.

ANSWER:

Please see the response to PUC02-20U explaining capital work billed directly or allocated to capital work orders.

Please refer to Ms. Kristie Colvin's direct testimony Exhibit KLC-11 for the capitalization of computer software policy and capitalization policy. Refer to COH15-06 Attachment 1.pdf for the construction overhead policy.

Please see the response to COH15-06 Attachment 2.xlsx for the corporate costs that were included in CenterPoint Houston's DCRF filing. A DCRF application was not filed for calendar year ended 2018.

SPONSOR (PREPARER):

Kristie Colvin / Michelle Townsend (Kristie Colvin / Michelle Townsend)

RESPONSIVE DOCUMENTS:

COH15-06 Attachment 1.pdf

COH15-06 Attachment 2.xlsx



Accounting and Control Policies
Construction Overhead Policy

Policy Number: 09

Policy

Entities regulated by state commission, local jurisdiction or by the Federal Energy Regulatory Commission (FERC) will use the FERC guidelines¹ for determining Construction Overhead (COH) Costs unless state or local authorities provide rules to the contrary. The FERC guidelines list the following items as overhead construction costs:

- Engineering and supervision,
- Engineering services,
- Insurance,
- Rents,
- Injuries and damages,
- General office salaries and expenses, and
- Construction engineering and supervision

The Company has interpreted these FERC guidelines to exclude executive management costs from inclusion in COH.

Entities not regulated by state or local commission, local jurisdictions or by the Federal Energy Regulatory Commission (FERC) shall follow U.S. Generally Accepted Accounting Principles (GAAP) in accounting for Construction Overhead. The GAAP guidance states that indirect capital costs that clearly relate to several capital projects should be capitalized and allocated to the capital projects to which the costs relate.²

A Company standard survey document shall be used by all Entities to determine, by cost center, the charges to include in COH.

¹ See the Code of Federal Regulations, Title 18, Volume 1, Parts 1 to 399. Gas guidelines are under Part 201—Uniform System of Accounts Prescribed for Natural Gas Companies Subject to the Provisions of the Natural Gas Act – Gas Plant Instructions Section 3.(11)-(13) and Section 4.A-C. Electric guidelines are under Part 101-- Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject to the Provisions of the Federal Power Act – Electric Plant Instructions Section 3. (11)-(13) and Section 4.A-C.

² Per ASC 970-360-25-2 through 25-3.



Accounting and Control Policies
Construction Overhead Policy

Policy Number: 09

Purpose The purpose of this Construction Overhead Policy is to document the requirements for the inclusion of costs in Construction Overhead. Adherence to this policy is designed to

- Ensure the integrity of the financial data by recognizing costs in accordance with regulatory and accounting guidance;
- Provide assurance that documentation is retained and available for regulatory purposes; and
- Provide a defined expectation to review costs for compliance.

Responsibilities This table lists the responsibilities for this Policy:

Position	Responsibility
Controller	<ul style="list-style-type: none"> • Administering this Policy • Reviewing the cost components submitted on the surveys with the Finance Directors
Business Unit Finance Directors	<ul style="list-style-type: none"> • Distributing the standard survey along with the planning instructions each year during the Strategic Planning process • Determining the cost components of COH each year, within FERC guidelines, taking into consideration the regulatory environment in which the Entity resides • Reviewing the surveys from their respective Business Units for compliance with FERC or GAAP regulations as applicable • Reviewing the cost components submitted on the surveys with the Controller for approval prior to inclusion in the annual planning process • On a regular basis, reviewing and monitoring actual costs included in the COH applicable to their respective Business Unit and shall make any necessary changes to the COH rate
Property Accounting	<ul style="list-style-type: none"> • Maintaining the required documentation for annual external reporting. Per FERC, this information shall include the following: <ul style="list-style-type: none"> ○ the total amount of each overhead for each year ○ the nature and amount of each overhead expenditure charged to each construction work order and to each utility plant account ○ the basis of distribution of such costs • Calculating, reviewing and monitoring property accounting components of COH and resolving significant or unexplained variances with the respective Business Units. • Working with Business Units and Finance Directors to determine if special overhead rates should be applied to large projects



Accounting and Control Policies
Construction Overhead Policy

Policy Number: 09

Definitions This table provides definitions of terms used in the policy:

Term	Definition
Business Unit	The functional operating area that maintains and reports operating financial information
Capital Order	The order established to capture specific capital costs related to a capital project
Company	CenterPoint Energy, Inc.
Construction Overhead (COH)	The overhead costs incurred during construction that cannot be more accurately charged directly to a capital order
Entity	The Company or any corporation, partnership, trust, joint venture, firm, association, unincorporated organization, legal entity, or other enterprise in which the Company holds, directly or indirectly, a greater than 50% ownership
Finance Director	Any Director in Finance who has been assigned ownership and associated responsibilities of one or more Business Units
Property Accounting	The department responsible for the accounting and reporting of capitalized Company property, including assets under construction
Titles, Offices, and Officers	Those of the Company unless otherwise specified

Documentation Requirements The survey documentation shall be maintained and archived by the Finance Directors to ensure the data is readily available to support audits, rate cases or other regulatory inquiries.

Compliance Employees must comply with this policy. Failure to comply with this Policy may result in disciplinary action up to and including termination.

Document History

Introduction This policy was implemented in June 2004.

Document History Below are at least the last three revisions of this document, including all revisions within the last three months.

Date	By	Description
4/2008	Director Accounting Policy & Research	"Property Accounting Services" to "Property Accounting"
01/2014	Manager Accounting Research	Update property accounting's responsibilities

**CenterPoint Energy Houston Electric
Calculation of Capitalized Overhead for Distribution**

	Docket No. 44572	Docket No. 45747	Docket No. 47032	Docket No. 48226	Total
Accounts Payable	128,518	119,816	163,906	165,372	577,612
Property Accounting	270,355	274,830	201,733	350,599	1,097,517
Call Center	-	210,013	328,916	388,523	927,451
Total	398,874	604,658	694,555	904,494	2,602,580

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-07**

QUESTION:

Provided the projected kWh sales for each rate class for each month as used for each of the Company's approved DCRF rates, along with the actual kWh sales for each rate class for each month the DCRF was in effect.

ANSWER:

The DCRF does not use projected kWh sales. The DCRF uses actual historical sales adjusted for weather and customer count. The sales can be found in the DCRF dockets on the PUC interchange. The DCRF dockets are listed in COH04-02. Refer to COH15-08 for the actual kWh sales for each rate class for each month the DCRF was in effect.

SPONSOR (PREPARER):

Matthew Troxle (Matthew Troxle)

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-08**

QUESTION:

Provide CEHE's DCRF rates, kWh sales and associated DCRF revenues for each rate class for each month up through the most recent month for which information is available.

ANSWER:

Please see attachment "COH15-08 DCRF KWH Dollars Rate Class Month.xlsx" for DCRF billed revenues and KWH by rate class by month.

Current and historical DCRF rates can be found here: <https://www.centerpointenergy.com/en-us/Corp/Pages/rates-and-tariffs-electric.aspx>

SPONSOR (PREPARER):
Matthew Troxle (Matthew Troxle)

RESPONSIVE DOCUMENTS:
COH15-08 DCRF KWH Dollars Rate Class Month.xlsx

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2015	9	RES	Non IDR	3,225,731,340	\$ 734,255.38
2015	9	SVS	Non IDR	76,776,848	\$ 23,402.08
2015	9	SVS	IDR	12,017	\$ 2.07
2015	9	SVL	Non IDR	1,689,515,175	\$ 244,401.49
2015	9	SVL	IDR	1,325,950,914	\$ 130,027.01
2015	9	PVS	Non IDR	21,049,312	\$ 1,300.75
2015	9	PVS	IDR	334,586,578	\$ 15,294.11
2015	9	TVS	IDR	1,500,237,907	\$ 227.91
2015	9	SLS	Lighting	15,707,664	\$ 63,283.66
2015	9	MLS	Lighting	4,390,621	\$ 14,247.88
2015	10	RES	Non IDR	2,655,398,062	\$ 640,101.58
2015	10	SVS	Non IDR	76,055,143	\$ 24,229.71
2015	10	SVS	IDR	12,361	\$ 3.93
2015	10	SVL	Non IDR	1,599,220,226	\$ 264,357.50
2015	10	SVL	IDR	1,245,165,579	\$ 133,901.58
2015	10	PVS	Non IDR	19,778,593	\$ 1,436.49
2015	10	PVS	IDR	309,266,337	\$ 16,862.54
2015	10	TVS	IDR	1,486,163,052	\$ 1,496.78
2015	10	SLS	Lighting	26,317,257	\$ 75,437.16
2015	10	MLS	Lighting	4,549,233	\$ 15,356.69
2015	11	RES	Non IDR	1,720,225,210	\$ 414,694.52
2015	11	SVS	Non IDR	63,569,258	\$ 20,276.58
2015	11	SVS	IDR	11,909	\$ 3.80
2015	11	SVL	Non IDR	1,218,557,188	\$ 222,259.34
2015	11	SVL	IDR	1,056,607,942	\$ 120,340.70
2015	11	PVS	Non IDR	15,672,710	\$ 1,154.26
2015	11	PVS	IDR	255,265,221	\$ 14,307.45
2015	11	TVS	IDR	1,552,681,448	\$ 1,422.04
2015	11	SLS	Lighting	20,264,285	\$ 68,393.85
2015	11	MLS	Lighting	3,978,233	\$ 13,424.46
2015	12	RES	Non IDR	1,824,206,151	\$ 439,758.67
2015	12	SVS	Non IDR	75,158,128	\$ 23,974.14
2015	12	SVS	IDR	11,803	\$ 3.76
2015	12	SVL	Non IDR	1,331,346,985	\$ 246,236.34
2015	12	SVL	IDR	1,163,864,539	\$ 135,770.95
2015	12	PVS	Non IDR	17,272,259	\$ 1,251.32
2015	12	PVS	IDR	306,415,097	\$ 18,006.66
2015	12	TVS	IDR	1,574,190,454	\$ 1,534.15
2015	12	SLS	Lighting	19,828,018	\$ 66,921.55
2015	12	MLS	Lighting	4,387,613	\$ 14,814.32

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2016		1 RES	Non IDR	1,957,894,426	\$ 471,982.64
2016		1 SVS	Non IDR	73,422,152	\$ 23,420.76
2016		1 SVS	IDR	12,561	\$ 4.01
2016		1 SVL	Non IDR	1,288,141,727	\$ 236,567.37
2016		1 SVL	IDR	1,078,712,996	\$ 126,042.48
2016		1 PVS	Non IDR	16,977,110	\$ 1,220.60
2016		1 PVS	IDR	264,175,057	\$ 15,506.35
2016		1 TVS	IDR	1,551,302,049	\$ 1,511.73
2016		1 SLS	Lighting	19,895,332	\$ 67,148.72
2016		1 MLS	Lighting	4,166,740	\$ 14,060.90
2016		2 RES	Non IDR	1,666,890,991	\$ 401,851.66
2016		2 SVS	Non IDR	67,974,008	\$ 21,682.33
2016		2 SVS	IDR	10,652	\$ 3.40
2016		2 SVL	Non IDR	1,220,550,099	\$ 246,656.52
2016		2 SVL	IDR	1,006,870,491	\$ 125,429.50
2016		2 PVS	Non IDR	15,290,429	\$ 1,211.42
2016		2 PVS	IDR	263,433,636	\$ 16,262.99
2016		2 TVS	IDR	1,580,981,018	\$ 1,554.41
2016		2 SLS	Lighting	19,695,540	\$ 66,474.38
2016		2 MLS	Lighting	4,366,890	\$ 14,737.10
2016		3 RES	Non IDR	1,592,301,426	\$ 383,887.39
2016		3 SVS	Non IDR	70,354,898	\$ 22,443.37
2016		3 SVS	IDR	11,165	\$ 3.55
2016		3 SVL	Non IDR	1,277,743,791	\$ 253,084.02
2016		3 SVL	IDR	1,043,672,141	\$ 125,009.61
2016		3 PVS	Non IDR	15,369,888	\$ 1,233.50
2016		3 PVS	IDR	263,076,794	\$ 15,954.64
2016		3 TVS	IDR	1,591,938,423	\$ 1,553.06
2016		3 SLS	Lighting	19,483,112	\$ 65,757.55
2016		3 MLS	Lighting	4,578,320	\$ 15,464.79
2016		4 RES	Non IDR	1,673,816,058	\$ 403,519.85
2016		4 SVS	Non IDR	69,177,932	\$ 22,067.29
2016		4 SVS	IDR	11,857	\$ 3.78
2016		4 SVL	Non IDR	1,286,140,083	\$ 240,622.32
2016		4 SVL	IDR	1,133,797,466	\$ 126,802.08
2016		4 PVS	Non IDR	15,667,903	\$ 1,214.72
2016		4 PVS	IDR	290,881,729	\$ 16,255.19
2016		4 TVS	IDR	1,697,063,804	\$ 1,553.06
2016		4 SLS	Lighting	19,290,086	\$ 65,110.16
2016		4 MLS	Lighting	4,334,281	\$ 14,626.48

CenterPoint Houston**DCRF billed revenues and KWH by rate class by month****September 2015 - April 2019**

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2016		5 RES	Non IDR	2,098,626,047	\$ 505,910.27
2016		5 SVS	Non IDR	68,945,955	\$ 21,992.22
2016		5 SVS	IDR	11,366	\$ 3.63
2016		5 SVL	Non IDR	1,358,604,622	\$ 243,775.17
2016		5 SVL	IDR	1,123,748,282	\$ 127,346.16
2016		5 PVS	Non IDR	16,534,883	\$ 1,233.37
2016		5 PVS	IDR	283,738,130	\$ 15,991.22
2016		5 TVS	IDR	1,789,481,132	\$ 1,576.71
2016		5 SLS	Lighting	19,088,919	\$ 64,427.07
2016		5 MLS	Lighting	4,329,346	\$ 14,609.77
2016		6 RES	Non IDR	2,894,429,549	\$ 697,674.14
2016		6 SVS	Non IDR	79,577,246	\$ 25,384.25
2016		6 SVS	IDR	12,357	\$ 3.95
2016		6 SVL	Non IDR	1,616,513,040	\$ 261,873.48
2016		6 SVL	IDR	1,293,013,853	\$ 135,828.58
2016		6 PVS	Non IDR	20,839,112	\$ 1,325.07
2016		6 PVS	IDR	326,256,150	\$ 16,629.06
2016		6 TVS	IDR	1,740,284,493	\$ 1,493.32
2016		6 SLS	Lighting	19,029,373	\$ 64,226.19
2016		6 MLS	Lighting	4,551,001	\$ 15,357.79
2016		7 RES	Non IDR	3,622,073,947	\$ 873,011.14
2016		7 SVS	Non IDR	77,940,517	\$ 24,862.13
2016		7 SVS	IDR	11,809	\$ 3.78
2016		7 SVL	Non IDR	1,699,242,956	\$ 248,240.69
2016		7 SVL	IDR	1,306,814,893	\$ 137,645.72
2016		7 PVS	Non IDR	25,222,574	\$ 1,469.65
2016		7 PVS	IDR	329,102,976	\$ 16,993.08
2016		7 TVS	IDR	1,645,151,721	\$ 1,558.64
2016		7 SLS	Lighting	19,699,058	\$ 66,486.38
2016		7 MLS	Lighting	4,083,630	\$ 13,780.68
2016		8 RES	Non IDR	4,002,593,990	\$ 964,721.76
2016		8 SVS	Non IDR	87,775,952	\$ 28,000.06
2016		8 SVS	IDR	13,269	\$ 4.23
2016		8 SVL	Non IDR	1,905,240,200	\$ 283,820.70
2016		8 SVL	IDR	1,266,946,682	\$ 139,070.23
2016		8 PVS	Non IDR	31,155,787	\$ 1,845.00
2016		8 PVS	IDR	315,452,636	\$ 16,871.10
2016		8 TVS	IDR	1,710,858,214	\$ 1,560.65
2016		8 SLS	Lighting	18,916,618	\$ 63,845.68
2016		8 MLS	Lighting	4,700,709	\$ 15,862.93

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2016	9	RES	Non IDR	3,360,458,315	\$ 2,586,671.26
2016	9	SVS	Non IDR	81,697,728	\$ 84,140.03
2016	9	SVS	IDR	14,357	\$ 11.21
2016	9	SVL	Non IDR	1,710,951,531	\$ 841,732.85
2016	9	SVL	IDR	1,369,894,682	\$ 454,768.26
2016	9	PVS	Non IDR	27,492,235	\$ 5,703.01
2016	9	PVS	IDR	343,315,019	\$ 52,675.25
2016	9	TVS	IDR	1,720,481,948	\$ 2,107.02
2016	9	SLS	Lighting	18,912,211	\$ 220,439.20
2016	9	MLS	Lighting	4,302,779	\$ 48,457.19
2016	10	RES	Non IDR	2,799,571,327	\$ 2,225,620.76
2016	10	SVS	Non IDR	77,602,698	\$ 82,347.25
2016	10	SVS	IDR	14,390	\$ 15.27
2016	10	SVL	Non IDR	1,568,729,300	\$ 860,373.79
2016	10	SVL	IDR	1,283,873,192	\$ 468,284.61
2016	10	PVS	Non IDR	24,565,654	\$ 5,667.47
2016	10	PVS	IDR	318,115,766	\$ 57,175.50
2016	10	TVS	IDR	1,677,935,862	\$ 5,169.44
2016	10	SLS	Lighting	18,889,664	\$ 220,200.70
2016	10	MLS	Lighting	4,284,812	\$ 49,944.88
2016	11	RES	Non IDR	2,031,694,522	\$ 1,615,244.22
2016	11	SVS	Non IDR	71,370,916	\$ 75,729.44
2016	11	SVS	IDR	13,231	\$ 14.04
2016	11	SVL	Non IDR	1,336,731,146	\$ 790,661.83
2016	11	SVL	IDR	1,183,618,364	\$ 449,344.26
2016	11	PVS	Non IDR	21,394,385	\$ 5,217.51
2016	11	PVS	IDR	304,779,302	\$ 56,304.65
2016	11	TVS	IDR	1,710,167,376	\$ 5,264.56
2016	11	SLS	Lighting	18,816,876	\$ 219,368.22
2016	11	MLS	Lighting	4,115,562	\$ 47,973.39
2016	12	RES	Non IDR	1,807,075,135	\$ 1,436,701.25
2016	12	SVS	Non IDR	74,533,199	\$ 79,084.25
2016	12	SVS	IDR	13,190	\$ 13.99
2016	12	SVL	Non IDR	1,292,335,067	\$ 804,744.13
2016	12	SVL	IDR	1,077,466,365	\$ 438,743.07
2016	12	PVS	Non IDR	19,795,427	\$ 5,013.89
2016	12	PVS	IDR	276,364,750	\$ 54,639.43
2016	12	TVS	IDR	1,688,559,286	\$ 5,275.83
2016	12	SLS	Lighting	18,646,069	\$ 217,371.67
2016	12	MLS	Lighting	4,048,687	\$ 47,246.10

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month
September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2017		1 RES	Non IDR	2,078,149,350	\$ 1,652,195.19
2017		1 SVS	Non IDR	79,239,002	\$ 84,076.20
2017		1 SVS	IDR	13,787	\$ 14.63
2017		1 SVL	Non IDR	1,375,709,405	\$ 868,471.74
2017		1 SVL	IDR	1,122,405,053	\$ 442,723.78
2017		1 PVS	Non IDR	21,979,216	\$ 5,535.03
2017		1 PVS	IDR	277,798,383	\$ 52,978.18
2017		1 TVS	IDR	1,900,709,099	\$ 5,510.23
2017		1 SLS	Lighting	18,372,681	\$ 214,189.69
2017		1 MLS	Lighting	4,289,658	\$ 49,998.45
2017		2 RES	Non IDR	1,546,938,362	\$ 1,229,888.39
2017		2 SVS	Non IDR	62,387,824	\$ 66,194.30
2017		2 SVS	IDR	12,512	\$ 13.26
2017		2 SVL	Non IDR	1,162,924,930	\$ 799,245.97
2017		2 SVL	IDR	1,053,652,906	\$ 438,488.68
2017		2 PVS	Non IDR	21,083,212	\$ 5,566.22
2017		2 PVS	IDR	273,856,839	\$ 54,973.82
2017		2 TVS	IDR	1,689,065,986	\$ 5,549.74
2017		2 SLS	Lighting	18,324,969	\$ 213,633.50
2017		2 MLS	Lighting	4,037,106	\$ 47,057.47
2017		3 RES	Non IDR	1,726,483,735	\$ 1,372,693.12
2017		3 SVS	Non IDR	78,449,679	\$ 83,232.82
2017		3 SVS	IDR	11,932	\$ 12.65
2017		3 SVL	Non IDR	1,338,650,090	\$ 902,465.48
2017		3 SVL	IDR	1,060,581,783	\$ 438,542.37
2017		3 PVS	Non IDR	29,356,995	\$ 6,897.93
2017		3 PVS	IDR	284,711,734	\$ 56,023.65
2017		3 TVS	IDR	1,623,311,405	\$ 5,981.67
2017		3 SLS	Lighting	18,254,502	\$ 212,783.27
2017		3 MLS	Lighting	4,486,594	\$ 52,295.04
2017		4 RES	Non IDR	1,766,829,751	\$ 1,404,698.03
2017		4 SVS	Non IDR	64,901,945	\$ 68,861.88
2017		4 SVS	IDR	13,318	\$ 14.13
2017		4 SVL	Non IDR	1,228,004,142	\$ 754,103.15
2017		4 SVL	IDR	1,174,646,308	\$ 440,310.96
2017		4 PVS	Non IDR	33,385,300	\$ 6,800.07
2017		4 PVS	IDR	305,620,101	\$ 55,623.84
2017		4 TVS	IDR	1,938,589,590	\$ 5,199.13
2017		4 SLS	Lighting	18,136,205	\$ 211,432.91
2017		4 MLS	Lighting	3,848,757	\$ 44,885.02

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2017		5 RES	Non IDR	2,326,638,110	\$ 1,849,766.34
2017		5 SVS	Non IDR	76,272,071	\$ 80,925.57
2017		5 SVS	IDR	12,086	\$ 12.83
2017		5 SVL	Non IDR	1,500,258,310	\$ 883,872.96
2017		5 SVL	IDR	1,147,027,190	\$ 452,602.00
2017		5 PVS	Non IDR	23,059,725	\$ 5,653.21
2017		5 PVS	IDR	302,173,314	\$ 57,895.99
2017		5 TVS	IDR	1,636,012,155	\$ 6,102.29
2017		5 SLS	Lighting	18,018,494	\$ 210,087.43
2017		5 MLS	Lighting	4,612,558	\$ 53,760.19
2017		6 RES	Non IDR	3,045,578,357	\$ 2,421,320.76
2017		6 SVS	Non IDR	81,616,334	\$ 86,597.91
2017		6 SVS	IDR	12,647	\$ 13.41
2017		6 SVL	Non IDR	1,648,511,337	\$ 896,951.82
2017		6 SVL	IDR	1,304,146,089	\$ 460,998.81
2017		6 PVS	Non IDR	27,867,611	\$ 5,947.60
2017		6 PVS	IDR	343,149,871	\$ 58,583.58
2017		6 TVS	IDR	1,713,883,212	\$ 5,695.54
2017		6 SLS	Lighting	17,901,417	\$ 208,695.80
2017		6 MLS	Lighting	4,456,530	\$ 51,939.54
2017		7 RES	Non IDR	3,457,311,047	\$ 2,748,641.95
2017		7 SVS	Non IDR	79,085,742	\$ 83,912.90
2017		7 SVS	IDR	10,314	\$ 10.95
2017		7 SVL	Non IDR	1,665,094,988	\$ 844,797.91
2017		7 SVL	IDR	1,302,788,739	\$ 468,097.43
2017		7 PVS	Non IDR	26,484,390	\$ 5,426.62
2017		7 PVS	IDR	338,570,111	\$ 58,064.65
2017		7 TVS	IDR	1,925,670,574	\$ 5,627.78
2017		7 SLS	Lighting	17,693,562	\$ 206,272.71
2017		7 MLS	Lighting	4,003,736	\$ 46,664.19
2017		8 RES	Non IDR	3,934,023,385	\$ 3,127,618.64
2017		8 SVS	Non IDR	90,668,911	\$ 96,200.88
2017		8 SVS	IDR	10,247	\$ 10.86
2017		8 SVL	Non IDR	1,894,178,973	\$ 972,157.44
2017		8 SVL	IDR	1,115,257,063	\$ 411,196.00
2017		8 PVS	Non IDR	30,833,590	\$ 6,283.60
2017		8 PVS	IDR	275,944,995	\$ 47,833.23
2017		8 TVS	IDR	1,799,109,544	\$ 5,807.19
2017		8 SLS	Lighting	17,609,699	\$ 205,295.02
2017		8 MLS	Lighting	4,597,085	\$ 53,583.64

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2017	9	RES	Non IDR	3,072,922,036	\$ 2,025,335.18
2017	9	SVS	Non IDR	77,274,495	\$ 139,148.85
2017	9	SVS	IDR	10,563	\$ 16.52
2017	9	SVL	Non IDR	1,520,723,583	\$ 1,481,571.22
2017	9	SVL	IDR	1,461,683,802	\$ 942,405.15
2017	9	PVS	Non IDR	24,103,924	\$ 10,277.13
2017	9	PVS	IDR	380,207,671	\$ 113,150.36
2017	9	TVS	IDR	1,930,641,661	\$ 6,428.79
2017	9	SLS	Lighting	17,513,144	\$ 419,763.76
2017	9	MLS	Lighting	4,062,434	\$ 94,943.16
2017	10	RES	Non IDR	2,954,107,704	\$ 1,926,133.94
2017	10	SVS	Non IDR	82,708,239	\$ 151,736.75
2017	10	SVS	IDR	10,018	\$ 18.39
2017	10	SVL	Non IDR	1,664,734,445	\$ 1,654,396.74
2017	10	SVL	IDR	1,246,292,771	\$ 921,201.65
2017	10	PVS	Non IDR	24,216,431	\$ 10,623.42
2017	10	PVS	IDR	323,746,107	\$ 107,763.03
2017	10	TVS	IDR	1,713,522,770	\$ 10,982.89
2017	10	SLS	Lighting	17,382,062	\$ 416,663.48
2017	10	MLS	Lighting	4,361,067	\$ 104,566.22
2017	11	RES	Non IDR	1,883,733,742	\$ 1,228,240.93
2017	11	SVS	Non IDR	70,822,353	\$ 130,033.36
2017	11	SVS	IDR	9,775	\$ 17.95
2017	11	SVL	Non IDR	1,288,940,897	\$ 1,459,434.97
2017	11	SVL	IDR	1,130,577,382	\$ 872,977.59
2017	11	PVS	Non IDR	20,039,149	\$ 10,037.16
2017	11	PVS	IDR	300,789,169	\$ 105,839.59
2017	11	TVS	IDR	1,824,507,423	\$ 10,259.30
2017	11	SLS	Lighting	17,175,804	\$ 411,739.90
2017	11	MLS	Lighting	4,049,015	\$ 97,081.80
2017	12	RES	Non IDR	1,763,859,615	\$ 1,150,063.82
2017	12	SVS	Non IDR	72,196,597	\$ 132,556.37
2017	12	SVS	IDR	9,393	\$ 17.26
2017	12	SVL	Non IDR	1,250,512,567	\$ 1,408,465.15
2017	12	SVL	IDR	1,053,223,155	\$ 852,050.74
2017	12	PVS	Non IDR	19,453,293	\$ 9,471.82
2017	12	PVS	IDR	274,332,998	\$ 102,490.25
2017	12	TVS	IDR	2,097,067,970	\$ 11,503.02
2017	12	SLS	Lighting	16,926,159	\$ 405,769.69
2017	12	MLS	Lighting	3,779,688	\$ 90,624.42

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2018	1	RES	Non IDR	2,546,294,391	\$ 1,660,229.40
2018	1	SVS	Non IDR	87,153,156	\$ 160,016.36
2018	1	SVS	IDR	11,109	\$ 20.39
2018	1	SVL	Non IDR	1,556,311,237	\$ 1,716,563.72
2018	1	SVL	IDR	1,218,797,869	\$ 953,751.66
2018	1	PVS	Non IDR	24,107,131	\$ 10,888.80
2018	1	PVS	IDR	331,048,287	\$ 119,452.42
2018	1	TVS	IDR	2,571,598,932	\$ 15,815.74
2018	1	SLS	Lighting	16,900,689	\$ 405,159.04
2018	1	MLS	Lighting	4,428,406	\$ 106,169.00
2018	2	RES	Non IDR	1,777,849,480	\$ 1,159,166.32
2018	2	SVS	Non IDR	68,568,958	\$ 125,896.39
2018	2	SVS	IDR	12,491	\$ 22.92
2018	2	SVL	Non IDR	1,242,369,367	\$ 1,532,637.84
2018	2	SVL	IDR	945,786,998	\$ 810,328.18
2018	2	PVS	Non IDR	20,436,035	\$ 10,537.64
2018	2	PVS	IDR	256,781,906	\$ 100,072.11
2018	2	TVS	IDR	1,494,873,943	\$ 11,137.38
2018	2	SLS	Lighting	16,682,528	\$ 399,929.10
2018	2	MLS	Lighting	3,969,946	\$ 95,176.54
2018	3	RES	Non IDR	1,606,827,338	\$ 1,004,822.07
2018	3	SVS	Non IDR	69,029,737	\$ 126,409.71
2018	3	SVS	IDR	9,386	\$ 17.19
2018	3	SVL	Non IDR	1,267,268,832	\$ 1,563,729.60
2018	3	SVL	IDR	1,047,984,195	\$ 840,619.82
2018	3	PVS	Non IDR	19,306,326	\$ 10,269.31
2018	3	PVS	IDR	304,529,372	\$ 105,397.72
2018	3	TVS	IDR	1,539,288,257	\$ 10,120.97
2018	3	SLS	Lighting	16,657,712	\$ 399,334.10
2018	3	MLS	Lighting	4,178,052	\$ 100,148.78
2018	4	RES	Non IDR	1,756,933,674	\$ 1,096,365.26
2018	4	SVS	Non IDR	71,213,681	\$ 130,391.11
2018	4	SVS	IDR	10,187	\$ 18.65
2018	4	SVL	Non IDR	1,327,705,508	\$ 1,543,801.94
2018	4	SVL	IDR	1,132,006,541	\$ 853,306.65
2018	4	PVS	Non IDR	20,728,274	\$ 10,431.63
2018	4	PVS	IDR	322,314,960	\$ 108,157.80
2018	4	TVS	IDR	2,041,638,573	\$ 12,679.97
2018	4	SLS	Lighting	16,589,336	\$ 397,691.50
2018	4	MLS	Lighting	4,159,269	\$ 99,832.06

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2018	5	RES	Non IDR	2,217,602,372	\$ 1,383,832.75
2018	5	SVS	Non IDR	73,967,356	\$ 135,430.96
2018	5	SVS	IDR	7,843	\$ 14.34
2018	5	SVL	Non IDR	1,462,721,924	\$ 1,646,364.28
2018	5	SVL	IDR	1,198,219,942	\$ 914,146.58
2018	5	PVS	Non IDR	22,054,650	\$ 10,585.29
2018	5	PVS	IDR	342,338,500	\$ 117,482.44
2018	5	TVS	IDR	2,098,766,126	\$ 13,308.84
2018	5	SLS	Lighting	16,539,373	\$ 396,496.62
2018	5	MLS	Lighting	4,384,868	\$ 105,049.66
2018	6	RES	Non IDR	3,391,045,571	\$ 2,116,031.27
2018	6	SVS	Non IDR	80,610,813	\$ 147,587.16
2018	6	SVS	IDR	12,722	\$ 23.29
2018	6	SVL	Non IDR	1,730,395,496	\$ 1,633,931.86
2018	6	SVL	IDR	1,298,330,518	\$ 910,494.41
2018	6	PVS	Non IDR	27,686,293	\$ 10,678.75
2018	6	PVS	IDR	357,828,989	\$ 111,822.16
2018	6	TVS	IDR	1,616,953,969	\$ 9,989.82
2018	6	SLS	Lighting	16,549,273	\$ 397,093.66
2018	6	MLS	Lighting	4,178,650	\$ 100,189.63
2018	7	RES	Non IDR	3,661,961,947	\$ 2,285,084.46
2018	7	SVS	Non IDR	82,699,447	\$ 151,422.20
2018	7	SVS	IDR	9,889	\$ 18.09
2018	7	SVL	Non IDR	1,782,081,968	\$ 1,645,957.00
2018	7	SVL	IDR	1,334,149,371	\$ 918,602.95
2018	7	PVS	Non IDR	28,488,783	\$ 10,893.53
2018	7	PVS	IDR	367,700,549	\$ 115,542.25
2018	7	TVS	IDR	1,927,799,082	\$ 11,948.48
2018	7	SLS	Lighting	14,169,151	\$ 355,134.74
2018	7	MLS	Lighting	4,166,733	\$ 99,912.39
2018	8	RES	Non IDR	3,990,061,487	\$ 2,489,834.49
2018	8	SVS	Non IDR	88,752,670	\$ 162,502.98
2018	8	SVS	IDR	9,607	\$ 17.58
2018	8	SVL	Non IDR	1,943,486,744	\$ 1,802,117.25
2018	8	SVL	IDR	1,465,526,517	\$ 1,020,263.55
2018	8	PVS	Non IDR	32,515,909	\$ 12,336.17
2018	8	PVS	IDR	373,364,503	\$ 123,832.28
2018	8	TVS	IDR	2,051,298,452	\$ 12,760.05
2018	8	SLS	Lighting	19,861,432	\$ 460,365.68
2018	8	MLS	Lighting	4,542,372	\$ 108,910.57

CenterPoint Houston
DCRF billed revenues and KWH by rate class by month
September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2018	9	RES	Non IDR	3,180,094,379	\$ 2,401,162.89
2018	9	SVS	Non IDR	77,100,575	\$ 77,441.82
2018	9	SVS	IDR	8,984	\$ 8.66
2018	9	SVL	Non IDR	1,625,725,852	\$ 816,097.72
2018	9	SVL	IDR	1,182,316,819	\$ 403,951.34
2018	9	PVS	Non IDR	26,966,410	\$ 5,527.59
2018	9	PVS	IDR	316,477,371	\$ 53,459.21
2018	9	TVS	IDR	1,679,826,976	\$ 5,902.17
2018	9	SLS	Lighting	15,086,607	\$ 190,108.28
2018	9	MLS	Lighting	3,773,877	\$ 49,659.75
2018	10	RES	Non IDR	2,881,426,306	\$ 2,195,703.63
2018	10	SVS	Non IDR	84,836,519	\$ 81,800.83
2018	10	SVS	IDR	9,746	\$ 9.39
2018	10	SVL	Non IDR	1,701,500,118	\$ 907,260.04
2018	10	SVL	IDR	1,390,812,778	\$ 482,811.56
2018	10	PVS	Non IDR	28,154,370	\$ 6,264.80
2018	10	PVS	IDR	357,084,253	\$ 62,848.11
2018	10	TVS	IDR	1,898,551,564	\$ 5,452.83
2018	10	SLS	Lighting	17,526,893	\$ 220,377.91
2018	10	MLS	Lighting	4,519,046	\$ 56,779.77
2018	11	RES	Non IDR	1,781,237,829	\$ 1,357,358.48
2018	11	SVS	Non IDR	70,726,233	\$ 68,187.94
2018	11	SVS	IDR	8,915	\$ 8.59
2018	11	SVL	Non IDR	1,275,685,295	\$ 787,119.59
2018	11	SVL	IDR	1,071,633,947	\$ 404,574.30
2018	11	PVS	Non IDR	22,876,891	\$ 6,014.42
2018	11	PVS	IDR	284,342,343	\$ 52,758.17
2018	11	TVS	IDR	1,892,719,422	\$ 5,169.43
2018	11	SLS	Lighting	14,969,215	\$ 188,132.89
2018	11	MLS	Lighting	3,989,205	\$ 50,164.02
2018	12	RES	Non IDR	1,777,359,324	\$ 1,354,395.83
2018	12	SVS	Non IDR	71,157,043	\$ 68,595.60
2018	12	SVS	IDR	6,799	\$ 6.56
2018	12	SVL	Non IDR	1,234,062,199	\$ 748,522.92
2018	12	SVL	IDR	999,956,379	\$ 373,574.75
2018	12	PVS	Non IDR	20,751,719	\$ 5,523.64
2018	12	PVS	IDR	270,178,825	\$ 50,756.07
2018	12	TVS	IDR	1,901,084,239	\$ 5,233.51
2018	12	SLS	Lighting	16,092,308	\$ 202,400.12
2018	12	MLS	Lighting	3,699,927	\$ 46,519.41

CenterPoint Houston

DCRF billed revenues and KWH by rate class by month

September 2015 - April 2019

Year	Month	Rate Class	Non IDR/IDR/Lighting	KWH	Dollars
2019	1	RES	Non IDR	2,096,286,940	\$ 1,597,441.89
2019	1	SVS	Non IDR	84,701,477	\$ 81,653.38
2019	1	SVS	IDR	11,100	\$ 10.70
2019	1	SVL	Non IDR	1,419,474,978	\$ 854,505.77
2019	1	SVL	IDR	1,143,908,717	\$ 416,450.24
2019	1	PVS	Non IDR	24,032,215	\$ 5,693.37
2019	1	PVS	IDR	306,814,727	\$ 56,630.53
2019	1	TVS	IDR	1,768,758,745	\$ 4,818.81
2019	1	SLS	Lighting	15,897,953	\$ 199,832.50
2019	1	MLS	Lighting	4,339,169	\$ 54,546.01
2019	2	RES	Non IDR	1,668,087,200	\$ 1,271,154.14
2019	2	SVS	Non IDR	69,229,411	\$ 66,734.64
2019	2	SVS	IDR	7,669	\$ 7.39
2019	2	SVL	Non IDR	1,204,620,891	\$ 773,271.90
2019	2	SVL	IDR	1,015,607,071	\$ 401,105.27
2019	2	PVS	Non IDR	22,565,357	\$ 5,563.89
2019	2	PVS	IDR	277,304,212	\$ 54,434.47
2019	2	TVS	IDR	1,765,396,510	\$ 5,314.05
2019	2	SLS	Lighting	16,117,897	\$ 202,605.75
2019	2	MLS	Lighting	3,891,090	\$ 48,930.83
2019	3	RES	Non IDR	1,674,176,607	\$ 1,104,711.12
2019	3	SVS	Non IDR	70,792,860	\$ 57,969.59
2019	3	SVS	IDR	14,988	\$ 12.45
2019	3	SVL	Non IDR	1,249,747,578	\$ 695,998.91
2019	3	SVL	IDR	1,052,211,810	\$ 350,961.89
2019	3	PVS	Non IDR	22,339,378	\$ 4,734.60
2019	3	PVS	IDR	290,716,883	\$ 48,077.90
2019	3	TVS	IDR	1,828,822,434	\$ 4,979.19
2019	3	SLS	Lighting	16,038,403	\$ 168,640.42
2019	3	MLS	Lighting	4,099,138	\$ 43,527.10
2019	4	RES	Non IDR	1,656,614,507	\$ 1,085,170.63
2019	4	SVS	Non IDR	69,807,810	\$ 56,667.73
2019	4	SVS	IDR	14,764	\$ 11.99
2019	4	SVL	Non IDR	1,269,738,792	\$ 679,683.65
2019	4	SVL	IDR	1,075,313,286	\$ 345,929.75
2019	4	PVS	Non IDR	20,965,402	\$ 4,428.99
2019	4	PVS	IDR	302,630,577	\$ 47,056.59
2019	4	TVS	IDR	1,966,716,203	\$ 4,293.91
2019	4	SLS	Lighting	16,044,785	\$ 168,664.98
2019	4	MLS	Lighting	4,096,441	\$ 43,056.05

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-09**

QUESTION:

Reference CEHE's response to COH01-22, provide the definition of the "Reliability Benefit" used for project valuation, provide the formula and assumptions for calculating this criterion, and explain whether the score for this criterion reflects estimated monetary benefit to customers or some other value.

ANSWER:

There are several defined "Reliability Benefits". They include: provide redundancy, support grid hardening, support telecom system hardening, address aging infrastructure issues, update obsolete equipment. Depending upon the sponsor of the project, distribution, major underground, substation, transmission or telecommunications, and the reliability benefits identified, the project will get added credit, which is added to the base score that was determined by the MWs at Risk calculation. Projects can only get added credit for "Design Criteria" or "Reliability Benefit", not both. See attachment COH15-09 AIS Qualitative Adjustments.pdf for the calculation of this criterion. The maximum additional credit is a 50% adder for "Reliability Benefit".

The score for this criterion does not reflect any monetary benefit to the customer. All of the AIS calculations provide a determination of the risk of not serving the electric load if the project is not built.

SPONSOR (PREPARER):

Dale Bodden (Dale Bodden)

RESPONSIVE DOCUMENTS:

COH15-09 AIS Qualitative Adjustments.pdf

AISv3 - LAR Qualitative Adjustments
Multipliers and Weights by Function

5/10/2019

Qualitative Adjustments		Distribution	Major Underground	Substation	Transmission	Telecommunications
D	DESIGN CRITERIA					
dd	Circuit Loading, Normal Conditions	0.10				
dd	Circuit Loading, Contingency Conditions	0.20				
dd	Power Factor	0.20				
dd	Subst Loading, Continuous Rating	0.20				
dd	Subst Loading, Firm Rating	0.30				
md	Equipment Load or Interrupting Rating		0.25			
md	Svc arrangement does not comply with currenty service stds		0.30			
md	Protection schema does not comply w/current protection stds		0.30			
md	PILC, 3-Conductor or other identified cable issues		0.15			
sd	Equipment Loading Rating			0.45		
sd	Address multiple outages due to single cont. event			0.30		
sd	Relay system does not comply/CNP protection std			0.25		
trd	CNP TSDC Sec IV 1-5. CNP Criteria meeting NERC TPL Stds				0.45	
trd	CNP TSDC Sec IV 6-7, STP Sec V. CNP Criteria fault duty, voltage, STP NUC-001				0.50	
trd	CNP-TSDC Sec VI - CNP System Design Considerations				0.05	
ted	Bandwidth Capacity, Normal Conditions					0.25
ted	Bandwidth Capacity, Contingency Conditions					0.15
ted	Latency Factor					0.25
ted	Transport Path Integrity					0.25
ted	Coverage Capacity					0.10
R	RELIABILITY					
allr	Provide Redundancy	0.13	0.05	0.18	0.18	0.22
allr	Support Grid Hardening	0.25	0.20	0.24	0.24	
allr	Support Telecom System Hardening					0.22
allr	Address Aging Infrastructure Issues	0.31	0.35	0.29	0.29	0.28
allr	Update Obsolete Equipment	0.31	0.40	0.29	0.29	0.28
S	SUPPLEMENTAL BENEFITS					
trs	Leverages existing functionality/technology	0.15	0.15	0.15	0.15	0.15
trs	Enables additional functionality/technology	0.15	0.15	0.15	0.15	0.15
trs	Contributes to overall infrastructure performance/improvement	0.25	0.25	0.25	0.25	0.25
trs	Increases infrastructure capacity for future use	0.15	0.15	0.15	0.15	0.15
trs	Provides improved service quality to clients/customers	0.25	0.25	0.25	0.25	0.25
trs	Provides benefits to other departments	0.05	0.05	0.05	0.05	0.05

31

Note: weights and values confirmed against 2016 Template - Questions (type edits)

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-10**

QUESTION:

Reference CEHE's response to COH01-22, provide the definition of the "Supplemental Benefits" criterion use for project valuation, provide the formula and assumptions for calculating this criterion, and explain whether the score for this criterion reflects estimated monetary benefit to customers or some other value.

ANSWER:

There are several defined "Supplemental Benefits". They include: leverages existing functionality/technology, enables additional functionality/technology, contributes to overall infrastructure performance/improvement, increases infrastructure capacity for future use, provides improved service quality to clients/customers, and provides benefits to other departments. Depending upon the supplemental benefits identified, the project will get added credit, which is added to the base score that was determined by the MWs at Risk calculation. See attachment COH 15-9 AIS Qualitative Adjustments.pdf that was provided in the response to COH 15-9 for the calculation of this criterion. The maximum additional credit is a 10% adder for "Supplemental Benefits".

The score for this criterion does not reflect any monetary benefit to the customer. All of the AIS calculations provide a determination of the risk of not serving the electric load if the project is not built.

SPONSOR (PREPARER):
Dale Bodden (Dale Bodden)

RESPONSIVE DOCUMENTS:
None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-11**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, identify the project capital amount that was requested and allowed in CEHE's DCRF cases and the PUC Docket Number in which the project amount was approved.

ANSWER:

Attachment titled "COH15-11 Attachment 1.xlsx" contains the project capital amount that was requested in CEHE's DCRF cases and the PUC Docket Number in which the project amount was requested for each capital project identified in CEHE's response to COH01-22.

SPONSOR (PREPARER):

Kristie Colvin/Randal Pryor (Kristie Colvin/Randal Pryor)

RESPONSIVE DOCUMENTS:

COH15-11 Attachment 1.xlsx

Project Number	2010 Requested Amount	DCRF Docket #	2011 Requested Amount	DCRF Docket #	2012 Requested Amount	DCRF Docket #	2013 Requested Amount	DCRF Docket #	2014 Requested Amount
AB1C	7,649,647.20	44572	8,528,208.71	44572	9,952,902.91	44572	12,180,903.69	44572	20,772,591.09
AB2G	4,543,560.03	44572	7,283,900.56	44572	6,914,253.01	44572	14,324,627.17	44572	23,205,576.14
AB48	1,039,658.59	44572	2,764,557.34	44572	2,401,956.42	44572	933,009.00	44572	2,275,310.45
ABCA		44572		44572		44572	2,662,605.00	44572	13,821,868.73
CE1B	2,529,754.42	44572	2,779,395.67	44572	14,084,512.69	44572	3,117,023.51	44572	2,238,021.73
DB18		44572		44572		44572		44572	
HLP/00/0014	195,531.07	44572	539,559.18	44572	2,597,496.87	44572	1,478,100.02	44572	1,127,848.49
HLP/00/0075	2,747,684.96	44572	6,471,549.50	44572	4,461,186.19	44572	3,134,124.63	44572	13,931,622.43
HLP/00/0484	-	44572	-	44572	348,527.19	44572	937,781.52	44572	1,211,257.27
HLP/00/0612	-	44572	-	44572	-	44572	-	44572	1,228,311.37
HLP/00/0875	-	44572	-	44572	-	44572	551,689.54	44572	1,557,633.98
HLP/00/0884		44572	418,287.45	44572	2,101,363.72	44572	3,950,419.58	44572	2,407,306.30
HLP/00/0909	-	44572	-	44572	785,374.82	44572	903,068.37	44572	2,380,711.04
HLP/00/0941	-	44572	-	44572	-	44572	-	44572	-
HLP/00/0953	-	44572	-	44572	-	44572	-	44572	1,536,868.32
HLP/00/0954	-	44572	-	44572	-	44572	-	44572	-
HLP/00/0956	-	44572	-	44572	-	44572	-	44572	-
HLP/00/0963	-	44572	-	44572	-	44572	-	44572	-
HLP/00/0974	-	44572	-	44572	-	44572	-	44572	891,326.62
HLP/00/0977	-	44572	-	44572	-	44572	-	44572	218,525.30
HLP/00/0978	-	44572	-	44572	-	44572	-	44572	-
HLP/00/1036	-	44572	-	44572	-	44572	-	44572	-
HLP/00/1084	-	44572	-	44572	-	44572	-	44572	-
HLP/00/1087	-	44572	-	44572	-	44572	-	44572	-
S/101785/CE/FIBER	-	44572	-	44572	-	44572	-	44572	550,827.00
S/101785/CN/FIBER	-	44572	-	44572	-	44572	2,963,465.38	44572	2,497,317.51
S/101785/CN/MPLS	-	44572	-	44572	-	44572	1,611,224.96	44572	991,337.52
S/101785/CN/OPENSKY	1,411,109.09	44572	-	44572	4,558,407.96	44572	19,415,072.00	44572	4,264,094.50
S/101785/CN/TFSY	2,348,091.34	44572	-	44572	5,289,851.12	44572	121,366.00	44572	1,146,338.47
S/101785/CN/TMSY	616,396.33	44572	146,387.73	44572	3,614,446.78	44572	3,240,386.00	44572	-

Project Number	DCRF Docket #	2015 Requested Amount	DCRF Docket #	2016 Requested Amount	DCRF Docket #	2017 Requested Amount	DCRF Docket #	2018 Requested Amount	DCRF Docket #
AB1C	44572	20,767,883.34	45747	17,672,792.39	47032	13,883,998.90	48226	N/A	N/A
AB2G	44572	8,881,083.34	45747	5,356,626.59	47032	15,751,421.58	48226	N/A	N/A
AB48	44572	325,115.81	45747	3,499,664.77	47032	3,362,082.65	48226	N/A	N/A
ABCA	44572	12,184,931.28	45747	3,641,713.13	47032	6,923,563.15	48226	N/A	N/A
CE1B	44572	11,062,175.25	45747	4,178,107.55	47032	4,521,042.95	48226	N/A	N/A
DB18	44572	15,762,728.98	45747	20,977,122.70	47032	17,320,147.35	48226	N/A	N/A
HLP/00/0014	44572	2,322,684.24	45747	171,338.45	47032	255,424.39	48226	N/A	N/A
HLP/00/0075	44572	10,590,944.06	45747	4,702,170.56	47032	8,870,479.06	48226	N/A	N/A
HLP/00/0484	44572	2,523,763.38	45747	413,781.91	47032	250,248.68	48226	N/A	N/A
HLP/00/0612	44572	10,205,537.16	45747	-	47032	-	48226	N/A	N/A
HLP/00/0875	44572	13,560,662.01	45747	229,641.93	47032	-	48226	N/A	N/A
HLP/00/0884	44572	1,314,888.04	45747	203,030.12	47032	-	48226	N/A	N/A
HLP/00/0909	44572	2,159,784.98	45747	894,191.90	47032	-	48226	N/A	N/A
HLP/00/0941	44572	684,281.85	45747	5,924,747.30	47032	-	48226	N/A	N/A
HLP/00/0953	44572	6,721,005.75	45747	-	47032	-	48226	N/A	N/A
HLP/00/0954	44572	-	45747	-	47032	10,562,187.20	48226	N/A	N/A
HLP/00/0956	44572	8,218,377.58	45747	3,351,362.84	47032	1,366,656.04	48226	N/A	N/A
HLP/00/0963	44572	3,483,629.41	45747	6,731,729.82	47032	353,876.29	48226	N/A	N/A
HLP/00/0974	44572	4,621,438.87	45747	-	47032	-	48226	N/A	N/A
HLP/00/0977	44572	6,906,745.83	45747	-	47032	-	48226	N/A	N/A
HLP/00/0978	44572	5,629,274.84	45747	-	47032	-	48226	N/A	N/A
HLP/00/1036	44572	-	45747	5,955,089.33	47032	9,481,699.64	48226	N/A	N/A
HLP/00/1084	44572	-	45747	-	47032	1,533,762.56	48226	N/A	N/A
HLP/00/1087	44572	-	45747	-	47032	542,880.52	48226	N/A	N/A
S/101785/CE/FIBER	44572	3,254,102.45	45747	3,021,437.69	47032	6,911,090.54	48226	N/A	N/A
S/101785/CN/FIBER	44572	872,915.57	45747	-	47032	-	48226	N/A	N/A
S/101785/CN/MPLS	44572	3,308,513.64	45747	843,328.54	47032	-	48226	N/A	N/A
S/101785/CN/OPENSKY	44572	514,631.99	45747	1,348,388.05	47032	-	48226	N/A	N/A
S/101785/CN/TFSY	44572	-	45747	-	47032	-	48226	N/A	N/A
S/101785/CN/TMSY	44572	1,126,628.60	45747	-	47032	218,898.88	48226	N/A	N/A

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-12**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified, provide the associated revenues collected through the Company's DCRFs for each such project for each month through the most recent month for which information is available.

ANSWER:

CenterPoint Houston does not track revenues collected by capital project. Please see COH15-08 attachment "COH15-08 DCRF KWH Dollars Rate Class Month.xlsx" for DCRF billed revenues by month.

SPONSOR (PREPARER):
Kristie Colvin (Kristie Colvin)

RESPONSIVE DOCUMENTS:
None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-13**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified that involved joint transmission and distribution substation projects, provide the amount assigned to distribution along with workpapers supporting the basis for such assignment.

ANSWER:

Please see below for CEHE's amount assigned to distribution for each project identified in CEHE's response to COH01-22 that involved joint transmission and distribution substation projects.

Project Number	Amount Assigned to Distribution
HLP/00/0014	8,801,595.90
HLP/00/0075	61,443,907.65
HLP/00/0484	6,582,943.16
HLP/00/0612	7,381,741.37
HLP/00/0875	10,940,498.09
HLP/00/0941	4,062,208.49
HLP/00/0953	2,097,790.27
HLP/00/0954	7,707,456.94
HLP/00/0956	7,870,024.16
HLP/00/0963	9,352,207.30
HLP/00/0974	3,790,560.29
HLP/00/0977	890,236.98
HLP/00/0978	3,539,984.53
HLP/00/1036	10,574,786.51
HLP/00/1084	9,904,626.92
HLP/00/1087	3,336,537.21

For total cost of each capital project, refer to CenterPoint Houston's response to COH15-05. Please see "WP II-F-Plant Functionalization.xlsx", provided with CenterPoint Houston's rate filing package, for the basis for the separation of costs between transmission and distribution.

SPONSOR (PREPARER):

Martin Narendorf (Martin Narendorf)

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-14**

QUESTION:

Reference CEHE's response to COH01-22, for each capital project identified that involved joint transmission and distribution substation projects, provide the amount assigned to distribution and the related revenues collected through the Company's DCRFs for each for such assigned costs for each month through the most recent month for which information is available.

ANSWER:

Please see the response to COH15-13 for the amount assigned to distribution for the capital projects identified in the response to COH01-22 that involved joint transmission and distribution substation projects.

CenterPoint Houston has not performed the analysis to identify the related revenues collected through the DCRF for the amount assigned to distribution involving joint transmission and distribution substation projects.

SPONSOR (PREPARER):

Kristie Colvin (Kristie Colvin)

RESPONSIVE DOCUMENTS:

None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-15**

QUESTION:

Provide the exhibits included with CEHE's direct testimony that describe and provide amounts of distribution capital projects requested for recovery in each past DCRF case filed by the Company to date.

ANSWER:

For the workpapers included with CEHE's direct testimony that describe and provide amounts of capital projects (transmission and distribution requested for recovery in past TCOS and DCRF cases filed by the Company, and not eligible for recovery by either) greater than \$1 million, please see the following voluminous Randal Pryor workpapers filed previously in this proceeding as:

WP RMP-2 2010 Capital Project List Detail.xlsx
WP RMP-2 2011 Capital Project List Detail.xlsx
WP RMP-2 2012 Capital Project List Detail.xlsx
WP RMP-2 2013 Capital Project List Detail.xlsx
WP RMP-2 2014 Capital Project List Detail.xlsx
WP RMP-2 2015 Capital Project List Detail.xlsx
WP RMP-2 2016 Capital Project List Detail.xlsx
WP RMP-2 2017 Capital Project List Detail.xlsx
WP RMP-2 2018 Capital Project List Detail.xlsx,
WP RMP-2 2010 Capital Project List Pivot.xlsx
WP RMP-2 2011 Capital Project List Pivot.xlsx
WP RMP-2 2012 Capital Project List Pivot.xlsx
WP RMP-2 2013 Capital Project List Pivot.xlsx
WP RMP-2 2014 Capital Project List Pivot.xlsx
WP RMP-2 2015 Capital Project List Pivot.xlsx
WP RMP-2 2016 Capital Project List Pivot.xlsx
WP RMP-2 2017 Capital Project List Pivot.xlsx
WP RMP-2 2018 Capital Project List Pivot.xlsx
WP RMP-2 2010 Capital Project List Summary.xlsx
WP RMP-2 2011 Capital Project List Summary.xlsx
WP RMP-2 2012 Capital Project List Summary.xlsx
WP RMP-2 2013 Capital Project List Summary.xlsx
WP RMP-2 2014 Capital Project List Summary.xlsx
WP RMP-2 2015 Capital Project List Summary.xlsx
WP RMP-2 2016 Capital Project List Summary.xlsx
WP RMP-2 2017 Capital Project List Summary.xlsx
WP RMP-2 2018 Capital Project List Summary.xlsx

Also, please see the following link to the PUC Interchange Docket 48226 APPLICATION OF CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC TO AMEND ITS DISTRIBUTION COST RECOVERY FACTOR : <https://interchange.puc.texas.gov/Search/Documents?controlNumber=48226&itemNumber=1>.

Specifically, please see exhibits to Steven C. Greenley's testimony:

Exhibit SCG-2 2017 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 61 - 68)
Exhibit SCG-3 2016 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 69 - 75)
Exhibit SCG-4 2015 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 76 - 85)
Exhibit SCG-5 2014 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 86 - 91)
Exhibit SCG-6 2013 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 92 - 97)

Exhibit SCG-7 2012 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 98 - 103)

Exhibit SCG-8 2011 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 104 - 107)

Exhibit SCG-9 2010 Distribution Plant Projects Greater Than \$100,000 Detail (Bates Stamp 108 - 111)

SPONSOR (PREPARER):
Randal Pryor (Randal Pryor)

RESPONSIVE DOCUMENTS:
None

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-16**

QUESTION:

Provide CEHE's budgeted and actual O&M expenses for each of the last three calendar years along with budget variance reports that explain reasons for differences between budgeted and actual expenses.

ANSWER:

Internal planning and management reporting is not performed on a FERC basis. The attached file COH15-16 Attachment 1 (confidential).xlsx includes planning and management variance analysis, actual vs plan, for 2016, 2017 and 2018.

The attachment is confidential and is being provided pursuant to the Protective Order issued in Docket No. 49421.

SPONSOR (PREPARER):

Kristie Colvin (Kristie Colvin)

RESPONSIVE DOCUMENTS:

COH15-16 Attachment 1 (confidential).xlsx

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET 49421-SOAH DOCKET NO. 473-19-3864**

**CITY OF HOUSTON
REQUEST NO.: COH15-17**

QUESTION:

Provide CEHE's budgeted and actual capital expenditures for each of the last three calendar years along with budget variance reports that explain reasons for differences between budgeted and actual expenses.

ANSWER:

Internal management reporting on capital expenditures excludes AFUDC and includes salvage. The attached file COH15-17 Attachment 1.xlsx includes variance analysis of capital expenditure by spend category and operational area.

SPONSOR (PREPARER):

Randal Pryor/Dale Bodden/Martin Narendorf/Shachella James/Kristie Colvin/(Randal Pryor/Dale Bodden/Martin Narendorf/Shachella James/Kristie Colvin)

RESPONSIVE DOCUMENTS:

COH15-17 Attachment 1.xlsx

Categories	Areas	2016		
		Plan	Actual	Variance
Interconnections	High Voltage Operations	\$ 33.6	\$ 36.0	\$ 2.4
Brazos Valley Interconnection	Brazos Valley Interconnection	\$ 105.3	\$ 66.5	\$ (38.8)
Load Growth		\$ 290.4	\$ 327.5	\$ 37.1
	High Voltage Operations	193.4	202.6	9.2
	Distribution Operations	97.0	125.0	27.9
Public Improvements		\$ 28.9	\$ 32.1	\$ 3.2
	High Voltage Operations	19.0	16.0	(3.0)
	Distribution Operations	9.9	16.1	6.2
System Improvements		\$ 167.9	\$ 156.4	\$ (11.5)
	High Voltage Operations	67.0	65.3	(1.7)
	Distribution Operations	100.9	91.1	(9.8)
Restoration		\$ 37.3	\$ 47.3	\$ 10.0
	High Voltage Operations	4.2	10.2	6.0
	Distribution Operations	33.1	37.1	4.0
Fleet	Business and Operations Support	\$ 9.7	\$ 4.8	\$ (4.9)
Construction Overhead		\$ 96.3	\$ 87.1	\$ (9.2)
	High Voltage Operations	30.4	27.0	(3.3)
	Distribution Operations	48.1	38.6	(9.5)
	Business and Operations Support	0.3	0.1	(0.2)
	Telcom	4.8	6.2	1.5
	Operational Technologies & Markets	12.8	15.1	2.3
Facilities	Business and Operations Support	\$ 5.8	\$ 1.3	\$ (4.5)
IT	Technology Operations	\$ 31.4	\$ 23.2	\$ (8.2)
General Equipment		\$ 44.9	\$ 42.0	\$ (2.9)
	High Voltage Operations	11.5	13.1	1.6
	Distribution Operations	11.4	14.4	3.0
	Business and Operations Support	2.0	1.0	(1.0)
	Technology Operations	1.7	0.9	(0.9)
	Telecom	14.9	11.0	(3.9)
	Operational Technologies & Markets	3.0	2.2	(0.8)
	Engineering and Asset Optimization	0.4	0.1	(0.3)
	Other	0.0	(0.6)	(0.7)
Back Up Control Center	Operational Technologies & Markets	\$ -	\$ (0.2)	\$ (0.2)
AOC IT	Technology Operations	\$ 5.9	\$ 4.8	\$ (1.1)
Plan Top-Side	Other	\$ (58.6)	\$ -	\$ 58.6
Total TDU Capital		\$ 798.8	\$ 828.8	\$ 30.0
AMS	Operational Technologies & Markets	\$ 5.9	\$ 5.2	\$ (0.7)
IG	Operational Technologies & Markets	\$ 5.3	\$ 4.9	\$ (0.4)
Total Smart Grid Capital		\$ 11.2	\$ 10.1	\$ (1.1)
Total CEHE Capital		\$ 810.0	\$ 838.9	\$ 28.9

Categories	Areas	2017		
		Plan	Actual	Variance
Interconnections	High Voltage Operations	\$ 24.3	\$ 8.5	\$ (15.8)
Brazos Valley Interconnection	Brazos Valley Interconnection	\$ 214.7	\$ 178.1	\$ (36.6)
Load Growth		\$ 251.2	\$ 269.0	\$ 17.8
	High Voltage Operations	134.5	161.5	26.9
	Distribution Operations	116.6	107.5	(9.1)
Public Improvements		\$ 36.0	\$ 21.8	\$ (14.2)
	High Voltage Operations	18.8	10.4	(8.4)
	Distribution Operations	17.2	11.4	(5.8)
System Improvements		\$ 156.7	\$ 173.7	\$ 17.0
	High Voltage Operations	45.7	54.2	8.5
	Distribution Operations	111.0	119.5	8.5
Restoration		\$ 42.6	\$ 46.4	\$ 3.8
	High Voltage Operations	4.4	15.2	10.8
	Distribution Operations	38.2	31.2	(7.0)
Fleet	Business and Operations Support	\$ 5.0	\$ 20.5	\$ 15.5
Construction Overhead		\$ 97.6	\$ 95.7	\$ (1.9)
	High Voltage Operations	30.7	33.2	2.5
	Distribution Operations	45.2	43.4	(1.7)
	Business and Operations Support	0.3	0.3	(0.0)
	Telecom	6.4	5.1	(1.4)
	Operational Technologies & Markets	15.0	13.8	(1.2)
Facilities	Business and Operations Support	\$ 3.4	\$ 5.1	\$ 1.7
IT	Technology Operations	\$ 35.0	\$ 34.0	\$ (1.0)
General Equipment		\$ 45.6	\$ 45.6	\$ 0.0
	High Voltage Operations	9.9	9.5	(0.4)
	Distribution Operations	16.2	16.6	0.4
	Business and Operations Support	1.5	1.3	(0.2)
	Technology Operations	1.6	2.8	1.1
	Telecom	11.9	11.2	(0.7)
	Operational Technologies & Markets	3.8	4.8	1.0
	Engineering and Asset Optimization	0.7	0.1	(0.6)
	Other	0.0	(0.6)	(0.6)
Back Up Control Center	Operational Technologies & Markets	\$ -	\$ (0.0)	\$ (0.0)
AOC IT	Technology Operations	\$ -	\$ -	\$ -
Plan Top-Side	Other	\$ (20.1)	\$ -	\$ 20.1
Total TDU Capital		\$ 892.0	\$ 898.4	\$ 6.5
AMS	Operational Technologies & Markets	\$ 5.0	\$ 2.2	\$ (2.8)
IG	Operational Technologies & Markets	\$ 3.0	\$ 3.2	\$ 0.2
Total Smart Grid Capital		\$ 8.0	\$ 5.4	\$ (2.6)
Total CEHE Capital		\$ 900.0	\$ 903.9	\$ 3.9

Categories	Areas	2018		
		Plan	Actual	Variance
Interconnections	High Voltage Operations	\$ 2.5	\$ 1.5	\$ (1.0)
Brazos Valley Interconnection	Brazos Valley Interconnection	\$ 18.9	\$ 17.7	\$ (1.2)
Load Growth		\$ 368.5	\$ 358.8	\$ (9.6)
	High Voltage Operations	257.2	244.8	(12.4)
	Distribution Operations	111.3	114.1	2.8
Public Improvements		\$ 27.7	\$ 27.1	\$ (0.6)
	High Voltage Operations	11.9	21.9	10.0
	Distribution Operations	15.9	5.2	(10.6)
System Improvements		\$ 215.7	\$ 204.2	\$ (11.4)
	High Voltage Operations	84.2	99.3	15.0
	Distribution Operations	131.4	105.0	(26.5)
Restoration		\$ 49.5	\$ 47.1	\$ (2.4)
	High Voltage Operations	17.7	12.1	(5.6)
	Distribution Operations	31.7	35.0	3.2
Fleet	Business and Operations Support	\$ 19.6	\$ 22.9	\$ 3.3
Construction Overhead		\$ 101.0	\$ 101.4	\$ 0.5
	High Voltage Operations	34.1	34.7	0.6
	Distribution Operations	46.8	47.6	0.8
	Business and Operations Support	0.3	0.3	(0.0)
	Telecom	5.5	5.1	(0.4)
	Operational Technologies & Markets	14.2	13.8	(0.5)
Facilities	Business and Operations Support	\$ 46.4	\$ 43.3	\$ (3.1)
IT	Technology Operations	\$ 35.7	\$ 41.5	\$ 5.8
General Equipment		\$ 49.8	\$ 44.5	\$ (5.2)
	High Voltage Operations	3.4	2.1	(1.3)
	Distribution Operations	13.2	10.5	(2.7)
	Business and Operations Support	1.9	1.5	(0.4)
	Technology Operations	1.6	1.5	(0.2)
	Telecom	23.8	21.6	(2.2)
	Operational Technologies & Markets	5.0	6.9	1.9
	Engineering and Asset Optimization	0.3	0.1	(0.2)
	Other	0.6	0.4	(0.2)
Back Up Control Center	Operational Technologies & Markets	\$ -	\$ 0.0	\$ 0.0
AOC IT	Technology Operations	\$ -	\$ 0.0	\$ 0.0
Plan Top-Side	Other	\$ (33.9)	\$ -	\$ 33.9
Total TDU Capital		\$ 901.3	\$ 910.1	\$ 8.8
AMS	Operational Technologies & Markets	\$ 5.6	\$ 3.4	\$ (2.2)
Advanced Digital Systems	Operational Technologies & Markets	\$ 3.0	\$ (0.1)	\$ (3.1)
Total Smart Grid Capital		\$ 8.6	\$ 3.4	\$ (5.3)
Total CEHE Capital Excluding Freeport		\$ 910.0	\$ 913.5	\$ 3.5
Freeport Area Upgrades	Freeport Area Upgrades	\$ 22.1	\$ 19.6	\$ (2.5)
Total CEHE Capital		\$ 932.1	\$ 933.1	\$ 1.0

CERTIFICATE OF SERVICE

I hereby certify that on this 23rd day of May 2019, a true and correct copy of the foregoing document was served on all parties of record in accordance with 16 Tex. Admin. Code § 22.74.