



Control Number: 49421



Item Number: 36

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

April 24, 2019

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TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
CenterPoint Energy Houston Electric, LLC's Response to Public Utility Commission of Texas First Requests for Information, Questions PUC01-37 and PUC01-39	2-9
Certificate of Service	10

36

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
2019 CEHE RATE CASE
DOCKET NO. 49421-SOAH DOCKET NO. 473-19-3864
PUBLIC UTILITY COMMISSION OF TEXAS
REQUEST NO.: PUC01-37

QUESTION:

MCPR – Monthly Construction Progress Reports filed with the Commission

For any facilities you seek to recover for which the commission granted a CCN, provide the following information:

- a. The PUC docket number for the amendment
- b. The first MCPR on which the project was reported (control number, item number, project numbers)
- c. The final MCPR on which the project was reported (control number, item number, project numbers)
- d. The initial estimated project cost from internal utility project approval, the estimated cost in the CCN for the option certificated, the percent of contingency cost included in the CCN estimate, the final project cost, and the percent difference from the estimated cost in the CCN
- e. A breakdown by FERC account (and subaccount) for the total project costs booked to each account that were associated with the CCN
- f. Was a cost in aid of construction charged? If not, why not? If so, please answer the following:
 - i. What was the amount?
 - ii. How was the amount of the contribution calculated?

ANSWER:

Please see attached PUC01-37 Attachment 1.xlsx.

SPONSOR (PREPARER):

Martin Narendorf (Martin Narendorf)

RESPONSIVE DOCUMENTS:

PUC01-37 Attachment 1.xlsx

For any Facilities you seek to recover for which the commission granted a CCN, provide the following information:

	Project	Zenith 138kV	Springwoods	Oyster Creek	Zenith - Franz	Brazos Valley Connection	
a)	PUC Docket	38307	40049	41749	44242	44547	
b)	First MCPR	7/15/2010	1/15/2012	9/15/2013	3/15/2015	5/15/2015	
	Control Number, Item Number, Project Number	Utility Project Number 730	Utility Project Number 768	Utility Project Number 834	Utility Project Number 864	Utility Project Number 872	
c)	Final MCPR	8/15/2012	11/15/2015	9/15/2018	12/15/2017	12/15/2018	
	Initial estimated cost from internal approval	\$ 6,091,000	\$ 9,547,000	\$ 12,552,000	\$ 11,200,000	\$ 275,596,000	
	estimated cost in the CCN for option certificated	\$ 6,091,000	\$ 9,547,000	\$ 12,552,000	\$ 11,200,000	\$ 296,270,000	
d)	% contingency included in the CCN estimate	For each project, cost estimates were based on historical information gathered from past projects and the most recent manufacturer quotes for construction materials and labor. No additional contingency was documented.					15%
	Final project cost	\$ 6,413,673	\$ 8,593,292	\$ 15,304,542	\$ 10,827,005	\$ 276,213,325	
	% difference from the estimated cost in the CCN	5%	-10%	22%	-3%	-7%	
e)	Breakdown by FERC account (and subaccount) for the total project costs booked to each account that were associated with the CCN	Please see Schedule II-B-1 1 RATE BASE ACCOUNTS - PLANT - TRANSMISSION PROJECT COSTS					
	Was a CIAC charged?	No	No	CIAC was not charged for the interconnection since it was for a generator but the customer securitized costs associated with the project	No	No	
f)	Why or why not?	The project addressed system reliability concerns and was not driven by a single customer	The project addressed system reliability concerns and was not driven by a single customer	The upgrades were necessary in order to connect Freeport LNG's generator	The project addressed system reliability concerns and was not driven by a single customer	The project addressed system reliability concerns and was not driven by a single customer	
	i. What was the amount?			\$300k securitization for the CCN development \$18,792,000 securitization for the transmission line and generator lead to their plant			
	ii. How was the amount of the contribution calculated?	n/a	n/a	n/a	n/a	n/a	

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

**PUBLIC UTILITY COMMISSION OF TEXAS
REQUEST NO.: PUC01-39**

QUESTION:

For any new substation or high voltage switching stations for which the utility seeks rate recovery please complete the following table for the completed station costs:

Project Portion	Cost	FERC Accounts
Design, Planning, Engineering		
Land, Land rights, and other common costs (if T and D)		
Labor		
Total Components		
Transformers (total units and cost per unit)		
Control House and Communications		
Bus and Breakers, and Switches		
Total		n/a

ANSWER:

Please see attachment titled "PUC01-39 Attachment 1.xlsx".

SPONSOR (PREPARER):

Martin Narendorf (Martin Narendorf)

RESPONSIVE DOCUMENTS:

PUC01-39 Attachment 1.xlsx

Cost shown are "inside the Substation fence only".

"Other" includes Overheads, Employee Expenses, A&G, Rental, Contribution in Aid of Construction(CIAC), etc.

Substation Name		Springwoods		
Project Portion		Cost	FERC Accounts	
Design, Planning, Engineering		272,529.91	E36101/E36201	
Land, Land Rights, and other common costs (if T and D)		1,442,038.85	E35001	
Labor		4,891,749.78	E36101/E36201	
Total Components		5,207,280.18	E36101/E36201	
Transformers	2 Units @ 1,780,041.35 ea.	3,560,082.70	E36201	
Control House and Communications		75,446.27	E36101/E36201	
Bus and Breakers, and Switches		453,090.49	E36101/E36201	
Other		882,769.39	E36101/E36201	
Total excluding AFUDC		12,696,368.11	N/A	
Total including AFUDC		13,505,096.38		

Substation Name		Fry Road		
Project Portion		Cost	FERC Accounts	
Design, Planning, Engineering		188,744.72	E36101/E36201	
Land, Land Rights, and other common costs (if T and D)		678,578.12	E36001	
Labor		2,683,936.25	E36101/E36201	
Total Components		4,980,739.76	E36101/E36201	
Transformers	2 Units @ 1,780,041.35 ea	3,560,082.70	E36201	
Control House and Communications		61,587.93	E36101/E36201	
Bus and Breakers, and Switches		325,276.84	E36101/E36201	
Other		644,804.72	E36101/E36201	
Total excluding AFUDC		9,176,803.57	N/A	
Total including AFUDC		9,533,912.03		

Substation Name		Tanner		
Project Portion		Cost	FERC Accounts	
Design, Planning, Engineering		166,961.21	E36101/E36201/E39701	
Land, Land Rights, and other common costs (if T and D)		3,334,676.77	E36001	
Labor		3,256,459.32	E36101/E36201/E39701	
Total Components		4,897,583.05	E36101/E36201/E39701	
Transformers	2 Units @ 1,814,548.20 ea	3,629,096.40	E36201	
Control House and Communications		70,434.21	E36101/E36201/E39701	
Bus and Breakers, and Switches		298,429.87	E36201	
Other		877,266.10	E36101/E36201/E39701	
Total excluding AFUDC		12,532,946.45	N/A	
Total including AFUDC		12,790,474.13		

Substation Name		Sandy Point	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		121,939.97	E36101/E36201
Land, Land Rights, and other common costs (if T and D)		1,019,697.33	E36001
Labor		4,716,734.58	E36101/E36201
Total Components		3,502,141.35	E36101/E36201
Transformers	1 Unit @ 1,153,896.29 1 Unit @ 1,133,828.90	2,287,725.19	E36201
Control House and Communications		68,488.61	E36201
Bus and Breakers, and Switches		229,248.77	E36201
Other		1,373,609.52	E36101/E36201
Total excluding AFUDC		10,734,122.75	N/A
Total including AFUDC		11,042,087.70	

Substation Name		Village Creek	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		276,089.30	E36101/E36201
Land, Land Rights, and other common costs (if T and D)		1,255,612.00	E36001
Labor		5,072,180.02	E36101/E36201
Total Components		4,523,808.71	E36101/E36201
Transformers	2 Unit @ \$1,656,589.80	3,313,176.60	E36201
Control House and Communications		51,511.14	E36201
Bus and Breakers, and Switches		357,844.52	E36201
Other		1,087,513.11	E36101/E36201
Total excluding AFUDC		12,215,203.14	N/A
Total including AFUDC		12,783,584.78	

Substation Name		Jordan 35KV	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		73,932.00	E35301
Land, Land Rights, and other common costs (if T and D)		0.00	N/A
Labor		1,432,304.46	E35201/E35301/E39701
Total Components		4,587,895.21	E35201/E35301/E39701
Transformers	2 @ 1,766,168.03 ea	3,532,336.06	E35301
Control House and Communications		52,273.92	E35201
Bus and Breakers, and Switches		300,096.63	E35201/E35301
Other		438,006.93	E35201/E35301/E39701
Total excluding AFUDC		6,532,138.60	N/A
Total including AFUDC		6,906,745.83	

Substation Name Meadow				
Project Portion		Cost		FERC Accounts
Design, Planning, Engineering		293,173.23		E35201/E35301
Land, Land Rights, and other common costs (if T and D)		0 00		N/A
Labor		1,505,500.57		E35201/E35301
Total Components		3,365,024.67		E35201/E35301
Transformers		0 00		N/A
Control House and Communications		109,932 08		E35201/E35301
Bus and Breakers, and Switches		1,054,884.73		E35301
Other		799,712.33		E35201/E35301
Total excluding AFUDC		5,963,410.80		N/A
Total including AFUDC		6,324,083.57		

Substation Name Rothwood				
Project Portion		Cost		FERC Accounts
Design, Planning, Engineering		548,699 44		E35001/E35201/E35301
Land, Land Rights, and other common costs (if T and D)		3,820,518.08		E35001
Labor		5,152,848.45		E35001/E35201/E35301
Total Components		9,566,764 03		E35201/E35301
Transformers 1 @ \$4,659,990.35		4,659,990.35		E35301
Control House and Communications		87,776 38		E35201/E35301
Bus and Breakers, and Switches		1,467,164 10		E35201/E35301
Other		1,681,230 98		E35001/E35201/E35301
Total excluding AFUDC		20,770,060.98		N/A
Total including AFUDC		22,185,442.22		

Substation Name Zenith 345KV				
Project Portion		Cost		FERC Accounts
Design, Planning, Engineering		303,108.31		E35201/E35301
Land, Land Rights, and other common costs (if T and D)		0 00		N/A
Labor		5,992,373.24		E35201/E35301
Total Components		5,706,185.82		E35201/E35301
Transformers		0 00		N/A
Control House and Communications		82,870.00		E35201
Bus and Breakers, and Switches		2,008,419 63		E35201/E35301
Other		2,105,134.62		E35201/E35301
Total excluding AFUDC		14,106,801.99		N/A
Total including AFUDC		15,163,970.50		

Substation Name		Zenith 138KV	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		26,464.68	E35201/E35301
Land, Land Rights, and other common costs (if T and D)			N/A
Labor		2,958,655.86	E35201/E35301/E35601
Total Components		3,367,252.07	E35201/E35301/E35601
Transformers		0.00	N/A
Control House and Communications		7,273.98	E35301
Bus and Breakers, and Switches		1,806,389.17	E35301
Other		743,746.35	E35201/E35301/E35601
Total excluding AFUDC		7,096,118.96	N/A
Total including AFUDC		7,546,157.37	

Substation Name		Jordan 345/138KV	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		543,333.47	E35001/E36001/E35201/E35301/E39701
Land, Land Rights, and other common costs (if T and D)		2,014,000.00	E35001/E36001
Labor		8,548,331.46	E35001/E36001/E35201/E35301/E39701
Total Components		12,486,604.21	E35201/E35301/E39701
Transformers	1 @ 5,579,205.00	5,579,205.00	E35201
Control House and Communications		246,473.24	E35201/E35301/E39701
Bus and Breakers, and Switches		2,590,946.16	E35201/E35301
Other		1,877,704.10	E35001/E36001/E35201/E35301/E39701
Total excluding AFUDC		25,469,973.24	N/A
Total including AFUDC		27,090,598.73	


Substation Name		Jones Creek	
Project Portion		Cost	FERC Accounts
Design, Planning, Engineering		579,206.36	E35201/E35301/E39701
Land, Land Rights, and other common costs (if T and D)		0.00	N/A
Labor		44,043,172.88	E35201/E35301/E39701
Total Components		16,345,603.94	E35201/E35301/E39701
Transformers	2 @ 4,276,957.50 ea	8,553,915.00	E35301
Control House and Communications		186,535.84	E35201/E35301/E39701
Bus and Breakers, and Switches		2,240,792.33	E35201/E35301
Other		5,227,059.94	E35201/E35301/E39701
Total excluding AFUDC		66,195,043.12	N/A
Total including AFUDC		68,422,608.94	

Substation Name		Bailey		
Project Portion		Cost		FERC Accounts
Design, Planning, Engineering		492,513.36		E35301
Land, Land Rights, and other common costs (if T and D)		0.00		N/A
Labor		6,698,737.35		E35201/E35301
Total Components		4,175,039.57		E35301
Transformers		0.00		N/A
Control House and Communications		82,138.51		E35301
Bus and Breakers, and Switches		1,361,235.01		E35301
Other	includes (1,500,000) CIAC	(519,488.35)		E35201/E35301
Total excluding AFUDC		10,846,801.93		N/A
Total including AFUDC		11,129,293.54		

Substation Name		Oyster Creek		
Project Portion		Cost		FERC Accounts
Design, Planning, Engineering		82,733.14		E35201/E35301
Land, Land Rights, and other common costs (if T and D)		0.00		N/A
Labor		3,974,939.42		E35201/E35301
Total Components		3,574,889.35		E35201/E35301
Transformers		0.00		N/A
Control House and Communications		342,286.69		E35301
Bus and Breakers, and Switches		654,049.54		E35301
Other	includes (1,030,000) CIAC	22,375.55		E35201/E35301
Total excluding AFUDC		7,654,937.46		N/A
Total including AFUDC		7,872,586.16		

CERTIFICATE OF SERVICE

I hereby certify that on this 24th day of April 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.

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