



Control Number: 49066



Item Number: 194

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**CENTERPOINT ENERGY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
July 2019**

**Public Utility Commission of Texas
Project No. 49066**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Final Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Upgraded or New Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments	
881	Cedar Bayou-Chambers-King-North Bell T.H. Wharton	Baytown, Mont Belvieu, Houston, Chambers, Harris	Modification of 345 KV Ckt. 97A, 97B, 97C, 97E, and 98C for maintaining line clearance	06/08/14	11/30/19	02/02/15	N/A	\$4,087,000				98%	345	N/A	87.91	3-959.6 ACSS 2-1433.6 ACSS	Steel Towers, Steel Poles	150-584 Substation Property	48.90	N/A	N/A	25.83(a)(2)	No GIS information required - No segment falls outside of the existing ROW.
914	H.O. Clarke Tap	Houston, Harris	Partial Rebuild of 69 KV Ckt. 348 and 138 KV Ckt. 72A, 138 KV Service to H.O. Clarke Substation within one mile of Ckt. 196	10/08/18	08/30/19	04/23/19	N/A	\$2,119,000				98%	69 138	N/A	1.17	795 ACSS 2-927.2 ACAR	Steel Towers, Steel Poles	445-514 Substation Property	0.52	N/A	N/A	25.101(c)(5)(A) 25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
963	AMOCO_Alpha Corner	League City, Alvin, Galveston, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 54A	01/18/18	09/30/19	06/10/18	N/A	\$29,612,000				98%	138	N/A	13.38	2-959.6 ACSS	Steel Towers, Concrete Poles	80-770 Substation Property	13.38	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
840.7	Freeport-CORTEZ	Freeport, Quintana, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 58H, 58I, and 58K	03/08/17	09/30/19	03/18/18	N/A	\$18,803,000				98%	138	N/A	7.10	2-1433.6 ACSS	Concrete Poles, Steel Poles	25-125, Street	3.55	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
936	Bellare-Eureka	Houston, Harris	Partial Rebuild of 138 KV Ckt. 98C and 37B; Reconstructor of 138 KV Ckt. 99C; Partial Rebuild of 69 KV Ckt. 348; Partial Reconstructor of 138 KV Ckt. 99C	02/13/17	09/30/19	03/08/18	N/A	\$3,937,000				98%	138	N/A	4.47	2-795 AAC 2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	70-130 Substation Property	2.26	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
908	Bellway 8 Crossings	Harris	Alteration of 138 KV Ckt. 15A and 23A as requested by Harris County for road construction	10/02/17	12/31/19	12/11/17	N/A	\$3,390,000				98%	69 138	N/A	1.43	2-795 AAC 2000 AAC	Steel Towers, Concrete Poles, Steel Poles	70-165, Railroad	0.99	N/A	N/A	25.101(c)(5)(F)	Harris County has agreed to pay up to \$1,983,750 in GIAC. No GIS information required - No segment falls outside of the existing ROW.
1005	HUDSON Substation	Brazoria	138 KV Service to HUDSON Substation within one mile of Ckt. 58A	12/13/17	04/25/19	11/17/18	N/A	\$1,269,000				98%	138	N/A	0.18	2-959.6 ACSS	Steel Towers, Concrete Poles	N/A	N/A	100-114	0.06	25.101(c)(5)(A)	Construction complete. Actual cost to be paid by HESCO USA, LLC.
1220	Hurricane Harvey Transmission Emergency Restoration	Houston, Harris, Brazoria, Fort Bend, Wharton, Austin, Waller	Repair and Reconstruction of 345 KV, 138 KV, and 69 KV Transmission Facilities due to Hurricane Harvey	08/25/17	08/30/19	06/15/17	N/A	\$26,845,000				98%	69 138 345	N/A	10.38	Various	Steel Towers, Wood H-Frames, Steel Poles	Various Substation Property	4.78	N/A	N/A	25.101(c)(7)	Initial Transmission Service was restored on 9/15/17. No new ROW required. No GIS information required - No segment falls outside of the existing ROW.
991	PATRICK Substation	Deer Park, Harris	138 KV Service to PATRICK Substation within one mile of Ckt. 96C; Partial Rebuild of 69 KV Ckt. 15A and 22A	01/08/18	06/13/19	11/21/18	N/A	\$1,215,000				99%	69 138	N/A	0.38	2-959.6 ACSS 2000 AAC	Concrete Poles, Steel Poles	102	0.18	92-110	0.02	25.101(c)(5)(A) 25.101(c)(5)(B)	Construction complete. Actual cost to be paid by The Lubrizol Corporation.
1119.1	Knight-H.O. Clarke	Houston, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 98B; Partial Reconstructor of 138 KV Ckt. 98L	04/09/18	08/30/19	04/22/19	N/A	\$4,808,000				98%	138	N/A	1.73	2-959.6 ACSS	Steel Towers, Steel Poles	100	1.73	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
930	Galveston Causeway Crossing	Galveston	Partial Rebuild of 138 KV Ckt. 91B and 93C	04/12/18	11/30/19	12/22/18	N/A	\$11,770,000				98%	138	N/A	0.56	795 AAC	Steel Poles	190	0.28	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1180.2	Ship Channel-ARTEX	La Porte, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 87A; Reconstructor of 138 KV Ckt. 87B; Partial Rebuild of 138 KV Ckt. 87C and 26B	02/01/18	11/30/19	04/25/19	N/A	\$3,067,000				98%	138	N/A	2.53	2-959.6 ACSS 2-985 ACSS-C7	Steel Towers, Concrete Poles	150-250 Substation Property	2.33	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1132	DALTON Substation	Chambers	138 KV Service to DALTON Substation within one mile of Ckt. 86I; Modification of 138 KV Ckt. 86I for fiber optic cable	03/12/18	04/25/19	08/16/18	N/A	\$2,433,000				99%	138	N/A	0.62	2-927.2 ACAR 2-959.6 ACSS	Steel Towers, Concrete Poles	340	0.37	80-119	0.06	25.101(c)(5)(A) 25.83(a)(2)	Construction complete. Actual cost to be paid by Lone Star NGL Pipeline, LP.
1119.2	GALT-TEGO	Houston, Harris	Reconstructor of 138 KV Ckt. 37D; Partial Rebuild of 138 KV Ckt. 37D	05/09/18	08/30/19		N/A	\$1,203,000				90%	138	N/A	0.13	2-959.6 ACSS	Steel Towers, Concrete Poles	45 Substation Property	0.13	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
954.4	Southwick-Alga Corner (Southwick-Structure #32235)	Pearland, Matamor, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 95B	05/01/18	11/30/19		N/A	\$11,789,000				90%	138	N/A	3.82	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	80 Substation Property	3.82	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
954.5	Southwick-Alga Corner (Structure #32236-Alga Corner)	Matamor, Alvin, League City, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 95B	05/01/18	11/30/19		N/A	\$30,889,000				90%	138	N/A	9.93	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	80-140 Substation Property	9.93	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1001	RUSSELL Substation	Harris	138 KV Service to RUSSELL Substation within one mile of Ckt. 84F	05/01/18	08/30/19		N/A	\$761,000				90%	138	N/A	0.17	2-959.6 ACSS	Steel Towers	310	0.13	103-114	0.02	25.101(c)(5)(A)	Actual cost to be paid by Braskem America, Inc.
954.6	Southwick-Alga Corner (Structure #32235-32236)	Matamor, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 95B	05/01/18	11/30/19		N/A	\$502,000				90%	138	N/A	0.16	2-959.6 ACSS	Steel Towers	80	0.12	80	0.04	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1037	Angleton-PETSON-MONISAN	Brazoria	Rebuild and Reconstructor of 138 KV Ckt. 94C; Rebuild and Reconstructor of 138 KV Ckt. 94D	09/10/18	01/30/20		N/A	\$32,996,000				43%	138	N/A	18.65	2-959.6 ACSS	Steel Towers, Concrete Poles	80-160 Substation Property	18.65	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1115.2	Jones Creek Loop	Freeport, Brazoria	345 KV Service to Jones Creek Substation within one mile of Ckt. 27A	05/01/18	10/30/19		N/A	\$1,608,000				50%	345	N/A	1.66	3-959.6 ACSS	Steel Towers	440-630 Substation Property	0.83	N/A	N/A	25.101(c)(5)(A)	No GIS information required - No segment falls outside of the existing ROW.
981.2	GLOBAL Substation	Freeport, Brazoria	138 KV Service to GLOBAL Substation within one mile of Ckt. 82D	07/02/18	09/30/19	10/13/18	N/A	\$1,683,000	\$3,309,547	96%	100%	138	N/A	0.92	2-959.6 ACSS	Steel Poles	N/A	N/A	70-157	0.46	25.101(c)(5)(A)	Construction complete. Actual cost to be paid by ME Global Americas, Inc. Last time to report.	
996	WMML Substation	Brazoria	138 KV Service to WMML Substation within one mile of Ckt. 28B	07/09/18	04/20/19	11/29/18	N/A	\$665,000	\$2,034,910	111%	100%	138	N/A	0.48	2-959.6 ACSS	Steel Towers	N/A	N/A	80-116	0.24	25.101(c)(5)(A)	Construction complete. Actual cost to be paid by Texas Eastern Transmission, LP. Last time to report.	
9	P.H. Robinson Emergency Restoration	Galveston	Repair and Reconstruction of 138 KV Ckt. 01X and 03B Transmission Facilities due to the damage	05/14/18	08/30/19	03/26/19	N/A	\$314,000				98%	138	N/A	0.07	2-959.6 ACSS 2-795 AAC	Steel Towers, Steel Poles	2410 Substation Property	0.04	N/A	N/A	25.101(c)(3)	Initial Transmission Service was restored on 5/14/18. No new ROW required. No GIS information required - No segment falls outside of the existing ROW.
987	Imperial Tap	Sugar Land, Fort Bend	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 95D; Partial Bundling of 138 KV Ckt. 95G	09/10/18	10/30/19	03/11/19	N/A	\$10,826,000				98%	138	N/A	10.43	795 AAC 2-795 ACSS 2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	80-585 Substation Property	5.26	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1009	CELVST Substation	Harris	138 KV Service to CELVST Substation within one mile of Ckt. 84D and 84C	08/04/18	08/14/19	02/21/19	N/A	\$402,000				99%	138	N/A	0.25	2-795 AAC	Concrete Poles	107-120	0.13	N/A	N/A	25.101(c)(5)(A)	Construction complete. Actual cost to be paid by Caltrans, LLC.
1126	North Bell-Orleans Tap-Lockwood	Houston, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 89E and 89C	08/18/18	10/30/19	06/03/19	N/A	\$10,411,000				95%	138	N/A	10.40	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	50-200 Substation Property	5.25	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1152	Red Bluff Substation	Harris	138 KV Service to Red Bluff Substation within one mile of Ckt. 77E	10/09/18	11/30/19	05/03/19	N/A	\$2,748,000				98%	138	N/A	1.10	2-959.6 ACSS	Concrete Poles, Steel Poles	N/A	N/A	100-300	0.55	25.101(c)(5)(A)	No GIS information required - No segment falls outside of the existing ROW.
1162	Waller Substation	Waller, Waller	138 KV Service to Waller Substation within one mile of Ckt. 65B and 77B	08/01/18	05/30/20		N/A	\$297,000				30%	138	N/A	0.16	795 AAC	Steel Towers, Concrete Poles	80 Substation Property	0.09	N/A	N/A	25.101(c)(5)(A)	No GIS information required - No segment falls outside of the existing ROW.
2016	W.A. Parish-Jeanette	Houston, Meadows Place, Sugar Land, Stafford, Missouri City, Thompsons, Harris, Fort Bend	Routine maintenance of 138 KV Ckt. 05D	10/15/18	10/30/19	01/21/19	N/A	\$530,000				98%	138	N/A	28.96	795 AAC 2-795 ACSS 2-959.6 ACSS 2-187 ACSS	Steel Towers, Wood Poles, Wood H-Frames, Concrete Poles, Steel Poles	50-680 Substation Property	28.96	N/A	N/A	25.83(a)(2)	No GIS information required - No segment falls outside of the existing ROW.
2018.1	W.A. Parish-Britmoore	Houston, Meadows Place, Sugar Land, Stafford, Thompsons, Harris, Fort Bend	Routine maintenance of 138 KV Ckt. 09A	10/08/18	10/30/19	05/02/19	N/A	\$847,000				98%	138	N/A	23.62	2-795 AAC 2-795 ACSS	Steel Towers, Wood H-Frames, Concrete Poles, Steel Poles	150-680 Substation Property	23.62	N/A	N/A	25.83(a)(2)	No GIS information required - No segment falls outside of the existing ROW.
988	Gettys Tap	Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 09A and 76A	12/10/18	10/30/19		N/A	\$5,585,000				80%	138	N/A	8.58	2-959.6 ACSS	Steel Towers, Concrete Poles	80-185 Substation Property	4.29	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1013	Powerline Road Relocation	Fort Bend	Alteration of 69 KV Ckt. 45A as requested by Fort Bend County for road construction	10/01/18	04/08/19	10/06/18	N/A	\$303,000				90%	69	N/A	0.36	795 AAC	Wood Poles, Concrete Poles	17, Street	0.36	N/A	N/A	25.101(c)(5)(F)	Actual cost to be paid by Fort Bend County. No new ROW required. No GIS information required - No segment falls outside of the existing ROW.
1118	Closter-Obrien	Houston, Fort Bend	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 25C and 73C	08/04/18	11/30/19		N/A	\$3,650,000				90%	138	N/A	11.80	2-959.6 ACSS	Steel Towers	100 Substation Property	5.80	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1146	Freeman-Hockley	Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 65A and 69H	08/04/18	11/30/19		N/A	\$15,122,000				90%	138	N/A	10.32	2-959.6 ACSS	Steel Towers	80 Substation Property	10.32	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1150	Highlands Tap	Baytown, Harris	Partial Rebuild of 138 KV Ckt. 08G	01/02/19	11/30/19	05/09/19	N/A	\$8,242,000				98%	138	N/A	4.63	795 AAC	Concrete Poles, Steel Poles	100 Substation Property	4.63	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
1246	COPPER-BASED-HOFMAN-Lake Jackson	Clute, Freeport, Lake Jackson, Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 02C, 02D, 02E, and 02H	11/10/18	11/30/19		N/A	\$4,281,000				90%	138	N/A	5.02	2-795 AAC 2-959.6 ACSS	Steel Towers, Steel Poles	60-155 Substation Property	2.51	N/A	N/A	25.101(c)(5)(B)	No GIS information required - No segment falls outside of the existing ROW.
2018.2	Bellare-Britmoore	Houston, Harris	Routine maintenance of 138 KV Ckt. 24B	09/11/18	10/30/19	06/05/19	N/A	\$270,000				98%	138	N/A	15.40	795 AAC 2-795 ACSS 2-795 AAC 2-959.6 ACSS	Steel Towers, Wood Poles, Concrete Poles, Steel Poles	145-360, Street, Substation Property	15.40	N/A	N/A	25.83(a)(2)	No GIS information required - No segment falls outside of the existing ROW.

PUBLIC UTILITY COMMISSION
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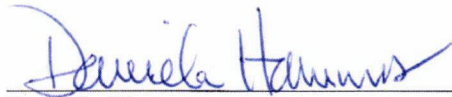
AFFIDAVIT OF CONSENT

THE STATE OF TEXAS §
§
COUNTY OF HARRIS §

My name is Daniela Hammons. I am employed by CenterPoint Energy Houston Electric, LLC (CenterPoint Energy) as the Director of the Policy and Compliance Department. In this capacity, I am a duly authorized agent for CenterPoint Energy. I am of legal age, a resident of the State of Texas, County of Fort Bend, and competent to make this Affidavit.

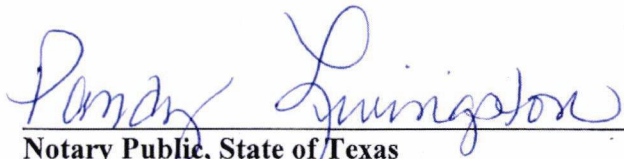
P.U.C. Subst. R. 25.83(c)(2) requires that proof of written consent be submitted in the form of an affidavit when consent of landowners is required pursuant to P.U.C. Subst. R. 25.101(c)(5). P.U.C. Subst. R. 25.83(c)(3)(A) requires that proof of notice be submitted in the form of an affidavit when direct mail notice is sent pursuant to P.U.C. Subst. R. 25.83(c)(3) to each required entity. Project No. 997.1 (Fort Bend-Rosenberg) is being submitted in the Construction Progress Report for July 2019 in accordance with P.U.C. Subst. R. 25.101(c)(5)(B). CenterPoint Energy has obtained the written consent of "all landowners of property crossed by the electric facilities", and CenterPoint Energy has provided direct mail notice to the required entities.

The facts as related in this affidavit are true and correct within Affiant's personal knowledge and belief.

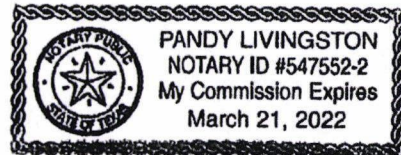


Daniela Hammons
Director, Policy and Compliance Department
CenterPoint Energy

Sworn to and subscribed before me this 14th day of July, 2019.



Notary Public, State of Texas
My Commission Expires:



**CENTERPOINT ENERGY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
July 2019**

**Public Utility Commission of Texas
Project No. 49066**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Final Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Upgraded or New Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
914.1	H.O. Clarke Conversion	Houston, Harris	Reconfiguration of 138 KV Ckts. 098 and 25A	10/01/18	10/30/19	03/26/19	N/A	\$895,000		96%	138	N/A	0.09	2-795 AAC, 2-927.2 ACAR	Steel Towers	Substation Property	85	0.07	N/A	N/A	25.83(a)(3)	No GIS information required - No segment falls outside of the existing ROW.
924	Ritenhouse Tap	Houston, Harris	Partial Rebuild of 138 KV Ckts. 88E and 95B	01/20/20	06/30/20		N/A	\$4,528,000		0%	138	N/A	2.34	795 AAC	Concrete Poles, Steel Poles	Substation Property	1.26	Street	1.08	25.101(c)(5)(B)		Last time to report. Project scope significantly changed. Project will be removed from report.
926	West Galveston-Galveston 26th Street	Galveston, Galveston	Partial Rebuild of 138 KV Ckt. 63A	10/03/18	06/30/19	06/14/19	N/A	\$6,309,000		99%	138	N/A	2.07	795 ACC	Concrete Poles	Substation Property	2.07	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1280	Hockley-Tomball	Harris	Partial Rebuild of 138 KV Ckt. 65B	11/06/18	07/31/19	11/18/18	N/A	\$1,066,000		98%	138	N/A	0.93	795 ACC	Concrete Poles	80	0.93	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1015	W.A. Parish Approach Spans	Thompsons, Fort Bend	Partial Rebuild of 138 KV Ckts. 02A, 08A, 09F, and 80B	06/01/19	10/30/20		N/A	\$987,000		0%	138	N/A	0.09	2-795 AAC, 2-959.6 ACSS	Concrete Poles	360 Substation Property	0.04	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1146.1	Katy-Freemont (Freemont-Structure #06677)	Harris, Waller	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 66A	04/01/19	07/30/20		N/A	\$4,019,000		30%	138	N/A	3.57	2-959.6 ACSS	Steel Towers	65-80	3.57	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
956	Metals Switch-PSARCO	Harris	Partial Reconstructor of 138 KV Ckt. 02B	07/01/19	03/30/20		N/A	\$857,000		10%	138	N/A	2.77	2-995 ACSS	Steel Towers	150	2.77	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1115	Bailey-Jones Creek	Old Ocean, Sweeny, Brazoria, Jones Creek, Freeport, Brazoria, Matagorda, Wharton	Construct a new double-circuit 345 KV transmission line	01/04/21	04/30/22		Transmission \$499,480,000 to \$682,961,000 Substation \$17,240,000	\$499,480,000 to \$682,961,000 Substation \$17,240,000		0%	N/A	345	110.40-168.6	3-959.6 ACSS	Steel Poles, Steel Towers	150-300 Substation Property	0.09-1.80	100-150	53.40-82.50	486.29	CCN Red 06/12/18	
1125	Cadline-Barker	Houston, Harris	Thermal Upgrade of existing 138 KV Ckts. 73B and 78A	04/09/19	06/30/19	04/30/19	N/A	\$637,000		98%	138	N/A	2.84	795 ACSS, 2-927.2 ACAR	Steel Towers	80	1.47	N/A	N/A	25.83(a)(3)		No GIS information required - No segment falls outside of the existing ROW.
997.2	Rosenberg-Needville	Needville, Fairbanks, Rosenberg, Fort Bend	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 45A, Upgrade of 69KV Ckt. 45A to 138 KV	01/03/19	06/30/20		N/A	\$17,568,000		50%	69	138	15.05	795 ACSS, 795 ACC	Wood Poles, Concrete Poles, Steel Poles	18-80 Street Substation Property	15.05	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
997.4	West Columbia Approach Span	Fort Bend	Partial Rebuild of 138 KV Ckt. 45A, Upgrade of 69KV Ckt. 45A to 138 KV	01/02/20	04/30/21		N/A	\$318,000		0%	69	138	0.13	795 ACC	Concrete Poles	180-448 Substation Property	0.13	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1014	Lyondell Relocation	Harris	Relocation of a portion of 138 KV Ckts. 03F, 03Z, 08A, 08G, and 94C at the request and expense of Lyondell Chemical Company	01/02/19	12/30/19	04/25/19	N/A	\$2,988,000		98%	138	N/A	1.71	795 ACSS, 2-795 ACSS, 795 ACC	Steel Towers, Concrete Poles, Steel Poles	150	0.83	N/A	N/A	25.101(c)(5)(D)		No GIS information required - No segment falls outside of the existing ROW.
1278	Nash Loop	Brazoria	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 02B	01/02/19	12/30/19		N/A	\$7,546,000		80%	138	N/A	11.24	2-795 AAC, 2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	35-131 Substation Property	5.72	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
857.2	Morgans Point-Sandy Point	La Porte, Morgans Point, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckts. 96D and 96F	09/15/19	6/31/20		N/A	\$4,502,000		0%	138	N/A	1.42	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	10-120 Street, Railroad	1.42	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
954.7	Alcoa Corner-Friendswood Corner	League City, Webster, Galveston, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 05B	02/01/19	12/30/19		N/A	\$19,350,000		50%	138	N/A	7.91	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	150-200 Substation Property	7.91	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1012	PARKES Substation	Harris	138 KV Service to PARKES Substation within one mile of Ckt. 84C	03/01/19	10/30/19	05/02/19	N/A	\$1,416,000		96%	138	N/A	0.42	2-959.6 ACSS	Concrete Poles, Steel Poles	50-70	0.18	90-142	0.12	25.101(c)(5)(A)		Actual cost to be paid by TSW Partners LLC.
1226	Reading Approach Spans	Richmond, Fort Bend	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 06F	04/01/19	11/30/19	04/29/19	N/A	\$547,000		96%	138	N/A	0.23	2-959.6 ACSS	Concrete Poles	80 Substation Property	0.23	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1241.2	Crosby-Mont Belvieu	Baytown, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 43Z	04/01/19	03/30/20		N/A	\$2,395,000		18%	138	N/A	1.79	795 ACC, 2-959.6 ACSS	Concrete Poles, Steel Poles	150-180	1.79	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
2019	W.A. Parish-West Columbia	Thompsons, Brazoria, Fort Bend	Routine maintenance of 138 KV Ckt. 02B	06/03/19	02/28/20		N/A	\$480,000		60%	138	N/A	30.10	795 AAC, 2-795 AAC	Wood H-Frames, Concrete Poles, Steel Poles, Steel Towers	Substation Property, Centerline, 80-750	30.10	N/A	N/A	25.83(a)(7)		No GIS information required - No segment falls outside of the existing ROW.
1345	RGBV Substation	Chambers	Service to RGBV Substation within one mile of 138 KV Ckt. 96D	06/03/19	01/31/20		N/A	\$609,000		18%	138	N/A	0.16	2-959.6 ACSS	Concrete Poles, Steel Towers	N/A	N/A	80-138	0.08	25.101(c)(5)(A)		Actual cost to be paid by Enterprise Products Operating, LLC. GIAC to be paid by TDOT. No GIS information required - No segment falls outside of the existing ROW.
1011	SH 36 Crossing	Needville, Brazoria, Fort Bend	Alteration of 88 KV Ckt. 45A as requested by TxDOT for highway construction	06/01/19	03/28/20		N/A	\$554,000		0%	69	N/A	0.48	795 ACC	Steel Poles	22 Street	0.48	N/A	N/A	25.101(c)(5)(F)		Actual cost to be paid by Peyton Creek Wind Farm, LLC.
1262	REFUGE Substation	Matagorda	Service to REFUGE Substation within one mile of 138 KV Ckt. 27A	09/01/19	04/30/20		N/A	\$4,359,000		48%	345	N/A	0.92	2-959.6 ACSS	Steel Towers	N/A	N/A	220	0.48	25.101(c)(5)(A)		Actual cost to be paid by Peyton Creek Wind Farm, LLC.
875.2	North Bell-King-Jordan	Houston, Harris	Partial Rebuild of 345 KV Ckts. 84A and 72A	06/02/19	05/30/20		N/A	\$2,305,000		0%	345	N/A	1.48	2-959.6 ACSS	Steel Poles	150	0.74	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
875.3	Jeannette-W.A. Parish	Fort Bend	Partial Rebuild and Partial Reconstructor of 345 KV Ckts. 87B and 89G	06/02/19	05/30/20		N/A	\$2,217,000		0%	345	N/A	0.80	2-1167 ACSS	Steel Poles	525	0.30	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1150.4	Highland-Highlands Corner	Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 66F	08/15/19	04/30/20		N/A	\$749,000		0%	138	N/A	0.07	2-959.6 ACSS	Concrete Poles	Street, Substation Property	0.07	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1241.1	Garth Substation	Harris	138 KV Service to Garth Substation within one mile of Ckt. 65F	06/03/19	04/30/20		N/A	\$787,000		10%	138	N/A	0.68	2-927.2 ACAR, 2-959.6 ACSS	Steel Towers	Substation Property	0.34	N/A	N/A	25.101(c)(5)(A), 25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
1250	Lake Houston Substation	Harris	138 KV Service to Lake Houston Substation within one mile of Ckt. 66E	06/03/19	05/30/20		N/A	\$1,478,000		0%	138	N/A	0.09	2-959.6 ACSS	Steel Poles	Substation Property	0.05	N/A	N/A	25.101(c)(5)(A)		No GIS information required - No segment falls outside of the existing ROW.
1150.3	Crosby-PSARCO	Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 08G	08/01/19	10/30/20		N/A	\$7,888,000		0%	138	N/A	5.19	2-959.6 ACSS	Concrete Poles, Steel Poles	150-210 Substation Property	5.19	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
2018.1	Flavelle-Peters	Fulshear, Brookshire, San Felipe, Sealy, Fort Bend, Waller, Austin	Routine maintenance of 138 KV Ckt. 25E	07/08/19	05/30/20		N/A	\$616,000		8%	138	N/A	26.26	795 ACC, 795 ACSS, 2-959.6 ACSS	Wood H-Frames, Concrete Poles, Steel Poles, Steel Towers	80-270 Substation Property	26.26	N/A	N/A	25.83(a)(3)		No GIS information required - No segment falls outside of the existing ROW.
1017	HOPSON Substation	Mont Belvieu, Chambers	138 KV Service to HOPSON Substation within one mile of Ckt. 84C	06/06/19	03/30/20		N/A	\$987,000		0%	138	N/A	0.04	2-959.6 ACSS	Steel Towers	N/A	N/A	94-138	0.02	25.101(c)(5)(A)		Actual cost to be paid by Targa Downstream LLC.
1216.2	S.R. Benton-Texas	Baytown, Harris	Partial Rebuild and Partial Reconstructor of 138 KV Ckts. 87F, 88B, and 88E	08/01/19	10/30/20		N/A	\$3,706,000		0%	138	N/A	2.82	2-959.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	65-820 Substation Property	1.98	N/A	N/A	25.101(c)(5)(B)		No GIS information required - No segment falls outside of the existing ROW.
924.1	Rittenhouse Tap (Bentley-Work)	Houston, Harris	Partial Rebuild of 138 KV Ckt. 95B	09/02/19	09/30/20		N/A	\$2,859,000		0%	138	N/A	1.30	795 AAC	Concrete Poles, Steel Poles	18-40, Street, Substation Property	1.30	N/A	N/A	25.101(c)(5)(B)		New project. No GIS information required - No segment falls outside of the existing ROW.
924.2	Rittenhouse Tap (Alldine-Hardy)	Houston, Harris	Partial Rebuild of 138 KV Ckt. 95E	09/02/19	03/30/21		N/A	\$2,285,000		0%	138	N/A	1.03	795 AAC	Concrete Poles, Steel Poles	18 Street, Substation Property	1.03	N/A	N/A	25.101(c)(5)(B)		New project. No GIS information required - No segment falls outside of the existing ROW.
956.1	Metals Switch-PSARCO (Structure #17886)	Harris	Partial Rebuild of 138 KV Ckt. 94C	10/03/19	03/30/20		N/A	\$1,533,000		0%	138	N/A	0.30	2-995 ACSS	Steel Poles	150	0.20	N/A	N/A	25.101(c)(5)(B)		New project. No GIS information required - No segment falls outside of the existing ROW.
997.1	Fort Bend-Rosenberg	Rosenberg, Fort Bend	Partial Rebuild and Partial Reconstructor of 69 KV Ckt. 45A, Upgrade of 69KV Ckt. 45A to 138 KV	09/02/19	09/30/20		N/A	\$1,651,000		0%	69	138	0.65	795 ACSS, 2-959.6 ACSS	Concrete Poles, Steel Poles	Street, Substation Property	0.65	18	0.00	25.101(c)(5)(B)		New project.
997.3	Needville-Damen	Needville, Fort Bend, Brazoria	Partial Rebuild and Partial Reconstructor of 69 KV Ckt. 45A, Upgrade of 69KV Ckt. 45A to 138 KV	09/02/19	09/30/20		N/A	\$1,197,000		0%	69	138	0.87	795 ACSS, 795 AAC	Concrete Poles, Steel Poles	18-22 Substation Property	0.87	N/A	N/A	25.101(c)(5)(B)		New project. No GIS information required - No segment falls outside of the existing ROW.
1349	Clear Creek Crossing	League City, Harris, Galveston	Partial Rebuild and Partial Reconstructor of 138 KV Ckt. 09A	10/01/19	04/30/20		N/A	\$897,000		0%	138	N/A	0.39	2-795 AAC, 2-959.6 ACSS	Steel Towers	200-295	0.39	N/A	N/A	25.101(c)(5)(B)		New project. No GIS information required - No segment falls outside of the existing ROW.